

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
 Data File : VW008445.D
 Acq On : 29 Jan 2019 12:08
 Operator : SY/VA
 Sample : VW0129SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Quant Time: Jan 30 01:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	454092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	680308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	601213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	304961	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	204212	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	7.88	113	204268	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	10.32	98	802729	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	292762	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	37008	16.438	ug/l	99
3) Chloromethane	2.21	50	57094	15.403	ug/l	99
4) Vinyl Chloride	2.37	62	83885	17.778	ug/l	98
5) Bromomethane	2.78	94	60259	19.800	ug/l	95
6) Chloroethane	2.92	64	55149	19.111	ug/l	99
7) Trichlorofluoromethane	3.25	101	65740	19.229	ug/l	89
8) Diethyl Ether	3.68	74	39901	17.620	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78361	19.080	ug/l	97
10) Methyl Iodide	4.26	142	123164	18.986	ug/l	99
11) Tert butyl alcohol	5.17	59	28855	80.339	ug/l	100
12) 1,1-Dichloroethene	4.03	96	77582	18.666	ug/l	98
13) Acrolein	3.89	56	28874	93.778	ug/l	100
14) Allyl chloride	4.66	41	129550	16.414	ug/l	98
15) Acrylonitrile	5.37	53	81520	83.366	ug/l	99
16) Acetone	4.12	43	81095	80.950	ug/l	96
17) Carbon Disulfide	4.37	76	232883	17.543	ug/l	99
18) Methyl Acetate	4.67	43	42778	16.010	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	122321	17.787	ug/l	100
20) Methylene Chloride	4.91	84	92750	20.087	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	84284	18.037	ug/l	90
22) Diisopropyl ether	6.31	45	246727	16.494	ug/l	99
23) Vinyl Acetate	6.25	43	712017	80.613	ug/l	98
24) 1,1-Dichloroethane	6.21	63	146543	17.307	ug/l	98
25) 2-Butanone	7.17	43	112252	80.672	ug/l	95
26) 2,2-Dichloropropane	7.17	77	103836	18.143	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92610	18.185	ug/l	97
28) Bromochloromethane	7.51	49	64313	16.537	ug/l	92
29) Tetrahydrofuran	7.52	42	70565	80.026	ug/l	96
30) Chloroform	7.67	83	148587	17.842	ug/l	97
31) Cyclohexane	7.95	56	146105	16.688	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	133104	18.504	ug/l	97
36) 1,1-Dichloropropene	8.08	75	120950	18.821	ug/l	97
37) Ethyl Acetate	7.26	43	46337	16.298	ug/l	97
38) Carbon Tetrachloride	8.07	117	127102	19.655	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	157107	18.610	ug/l	99
40) Benzene	8.32	78	332744	18.660	ug/l	98
41) Methacrylonitrile	7.48	41	25135	14.930	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	94395	18.266	ug/l	98
43) Isopropyl Acetate	8.43	43	101112	17.118	ug/l	97
44) Trichloroethene	9.09	130	96512	19.903	ug/l	100
45) 1,2-Dichloropropane	9.37	63	81624	18.358	ug/l	100
46) Dibromomethane	9.46	93	41245	18.036	ug/l	95
47) Bromodichloromethane	9.64	83	110231	18.224	ug/l	99
48) Methyl methacrylate	9.43	41	47162	16.329	ug/l	97
49) 1,4-Dioxane	9.45	88	14691	380.056	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	245591	84.161	ug/l	99
52) Toluene	10.38	92	218538	18.565	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	114947	17.859	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	134487	18.412	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	59104	18.633	ug/l	98
56) Ethyl methacrylate	10.65	69	74513	16.765	ug/l	99
57) 1,3-Dichloropropane	10.93	76	103318	18.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	182016	84.285	ug/l	96
59) 2-Hexanone	10.97	43	173679	84.307	ug/l	98
60) Dibromochloromethane	11.13	129	75953	18.633	ug/l	99
61) 1,2-Dibromoethane	11.24	107	57663	18.334	ug/l	99
64) Tetrachloroethene	10.86	164	80584	19.797	ug/l	96
65) Chlorobenzene	11.66	112	237691	19.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	84478	19.239	ug/l	100
67) Ethyl Benzene	11.73	91	420969	18.660	ug/l	98
68) m/p-Xylenes	11.84	106	331306	37.851	ug/l	96
69) o-Xylene	12.17	106	154872	18.622	ug/l	95
70) Styrene	12.18	104	249938	18.194	ug/l	98
71) Bromoform	12.35	173	45326	18.346	ug/l #	98
73) Isopropylbenzene	12.46	105	426850	18.775	ug/l	98
74) N-amyl acetate	12.27	43	97977	16.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	65384	18.165	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92729	34.973	ug/l	21
77) Bromobenzene	12.75	156	98116	19.761	ug/l	92
78) n-propylbenzene	12.80	91	510533	18.696	ug/l	98
79) 2-Chlorotoluene	12.90	91	285204	18.509	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	354742	18.668	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	22560	16.805	ug/l	96
82) 4-Chlorotoluene	12.99	91	298761	18.211	ug/l	96
83) tert-Butylbenzene	13.21	119	315620	18.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	368721	19.090	ug/l	100
85) sec-Butylbenzene	13.39	105	455505	18.861	ug/l	98
86) p-Isopropyltoluene	13.50	119	403690	19.083	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	195134	19.460	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	192658	19.332	ug/l	99
89) n-Butylbenzene	13.83	91	382127	18.397	ug/l	99
90) Hexachloroethane	14.10	117	76804	18.565	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	168626	19.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12319	18.038	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

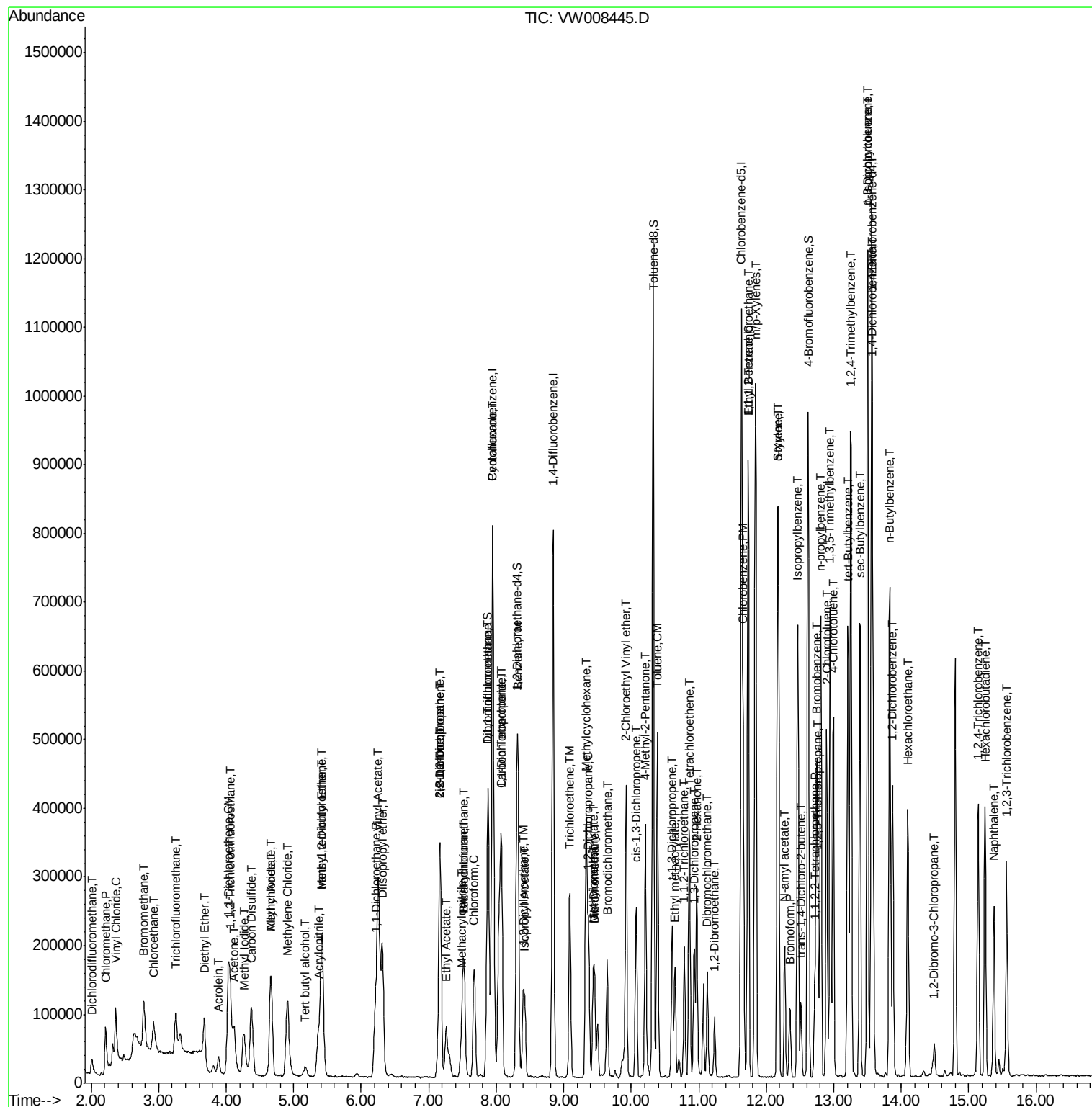
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	127226	20.094	ug/l	98
94) Hexachlorobutadiene	15.24	225	78558	20.587	ug/l	98
95) Naphthalene	15.37	128	208398	18.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	106918	19.907	ug/l	100

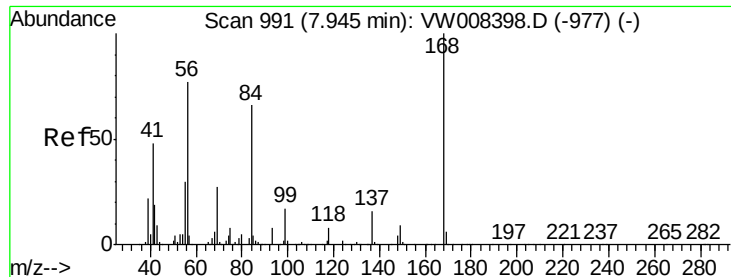
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
 Data File : VW008445.D
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 Sample : VW0129SBSD01
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 ClientSampleId :
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

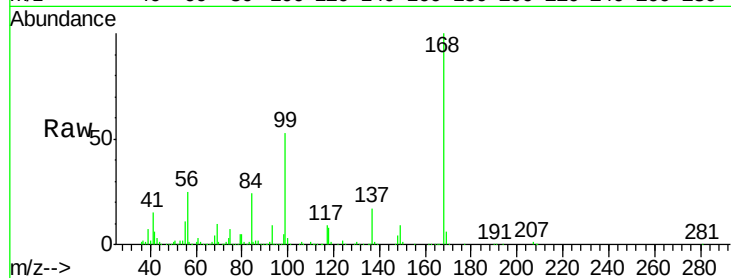
VW0129SBSD01

Tgt Ion:168 Resp: 454092

Ion Ratio Lower Upper

168 100

99 53.3 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

200000

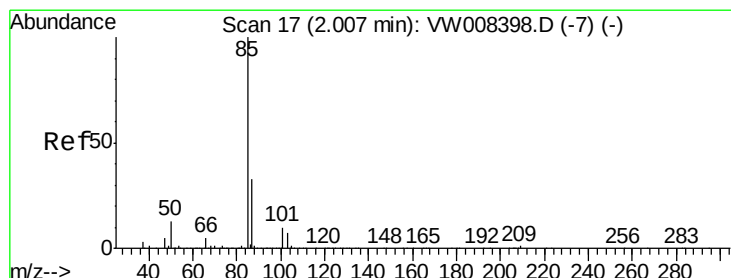
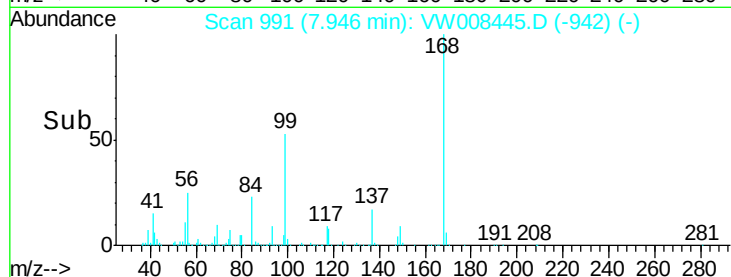
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 16.438 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008445.D

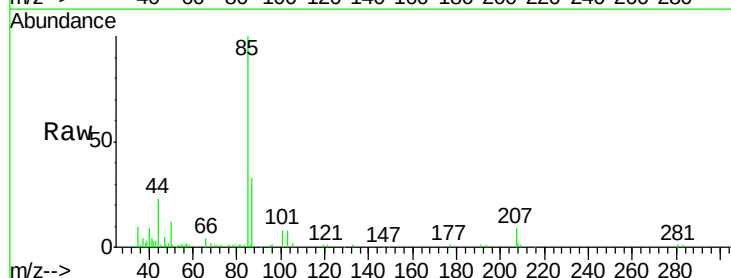
Acq: 29 Jan 2019 12:08

Tgt Ion: 85 Resp: 37008

Ion Ratio Lower Upper

85 100

87 32.9 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

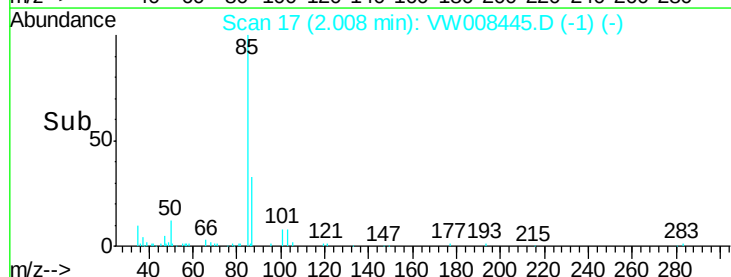
15000

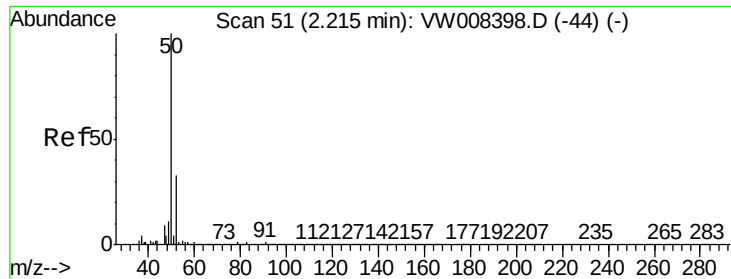
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 15.403 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

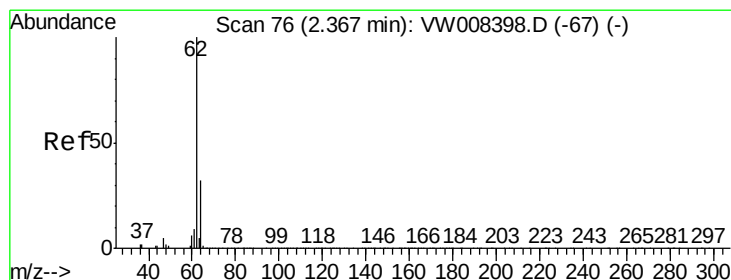
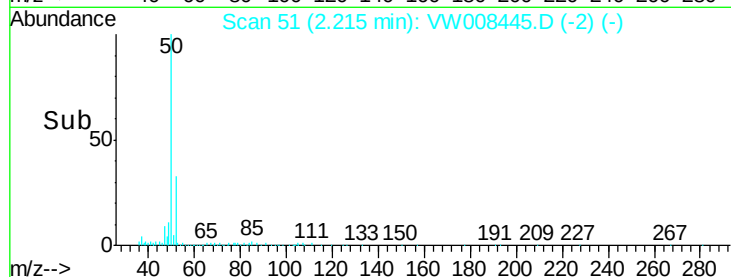
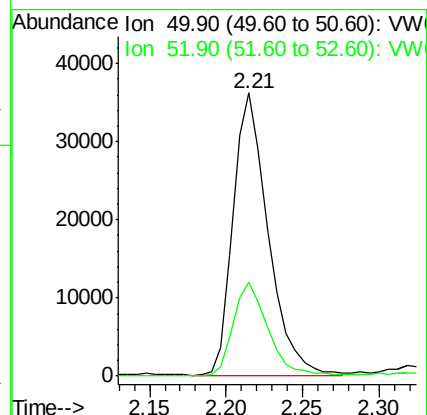
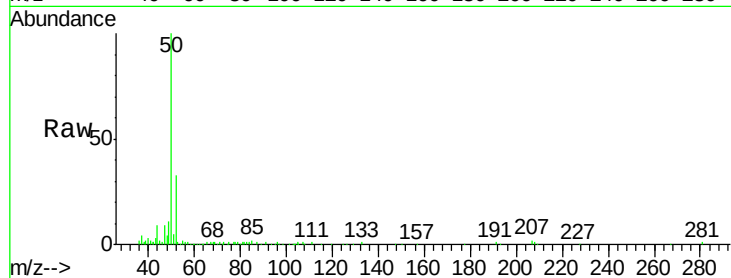
VW0129SBSD01

Tgt Ion: 50 Resp: 57094

Ion Ratio Lower Upper

50 100

52 33.2 26.3 39.5



#4

Vinyl Chloride

Concen: 17.778 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008445.D

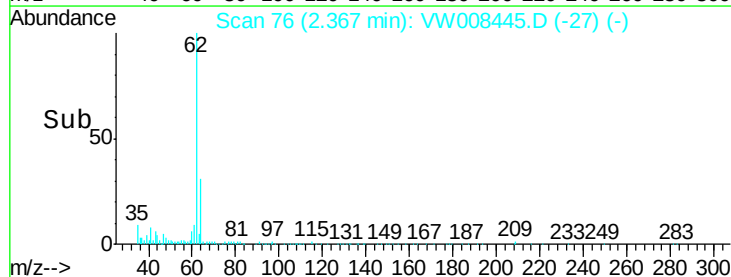
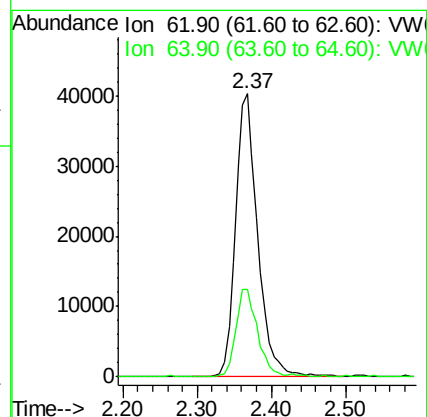
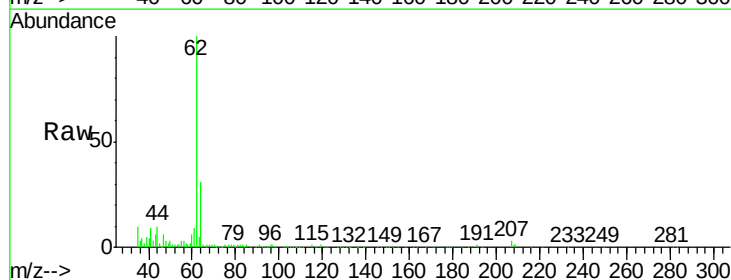
Acq: 29 Jan 2019 12:08

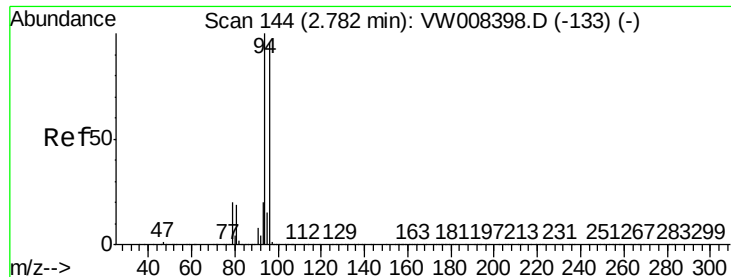
Tgt Ion: 62 Resp: 83885

Ion Ratio Lower Upper

62 100

64 31.1 25.5 38.3





#5

Bromomethane

Concen: 19.800 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

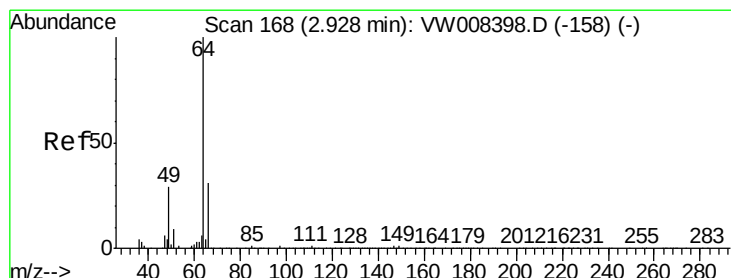
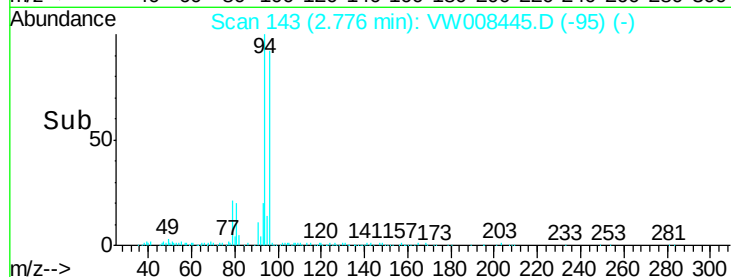
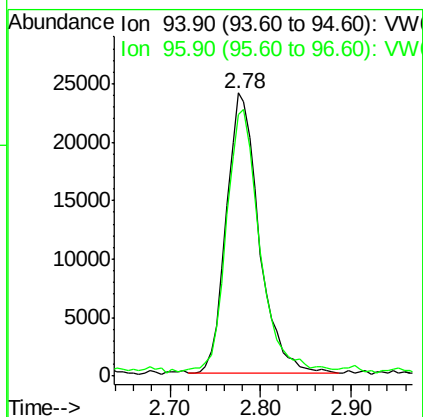
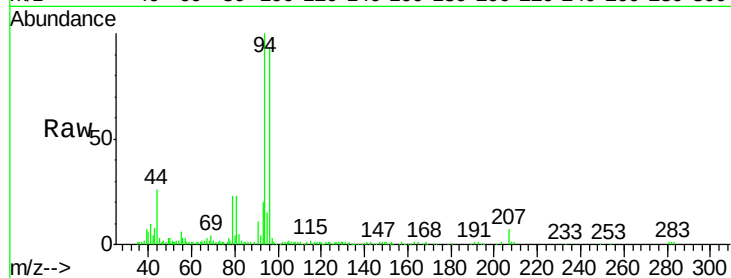
VW0129SBSD01

Tgt Ion: 94 Resp: 60259

Ion Ratio Lower Upper

94 100

96 91.3 77.2 115.8



#6

Chloroethane

Concen: 19.111 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008445.D

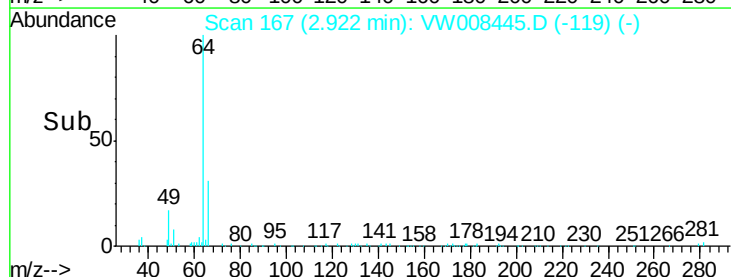
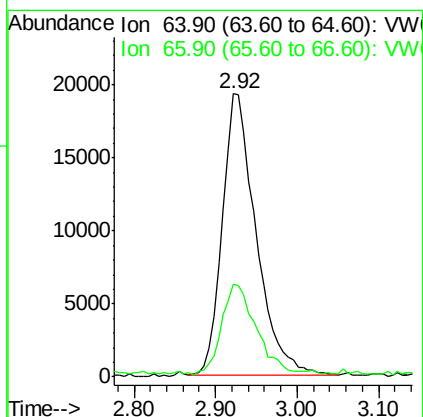
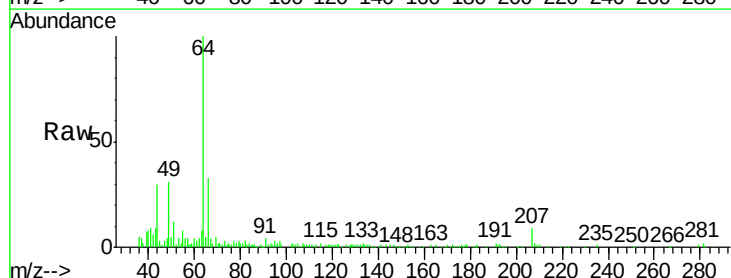
Acq: 29 Jan 2019 12:08

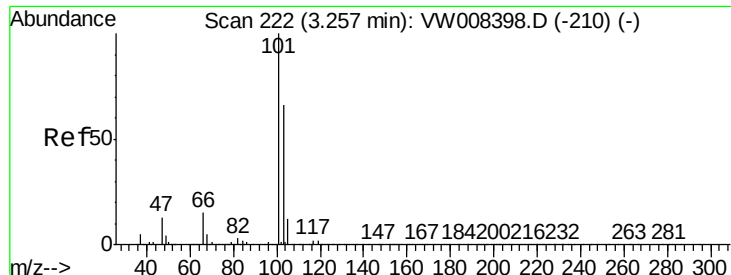
Tgt Ion: 64 Resp: 55149

Ion Ratio Lower Upper

64 100

66 31.7 24.9 37.3



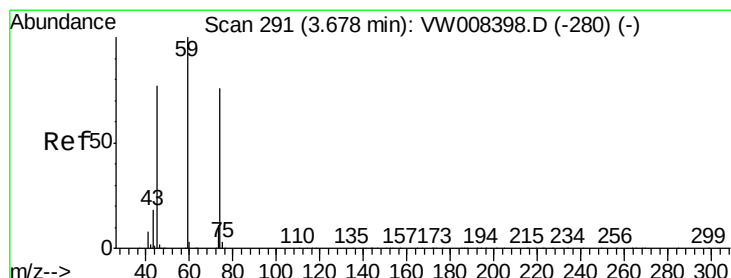
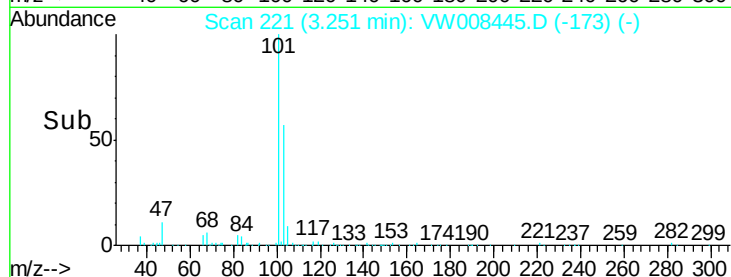
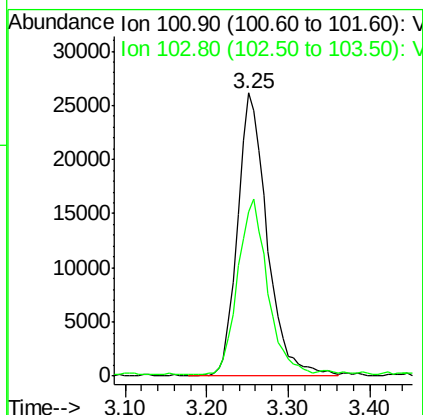
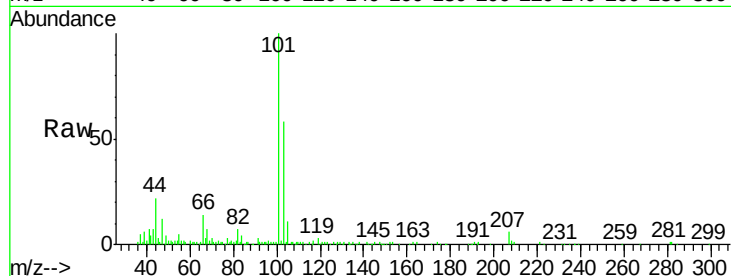


#7

Trichlorofluoromethane
 Concen: 19.229 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

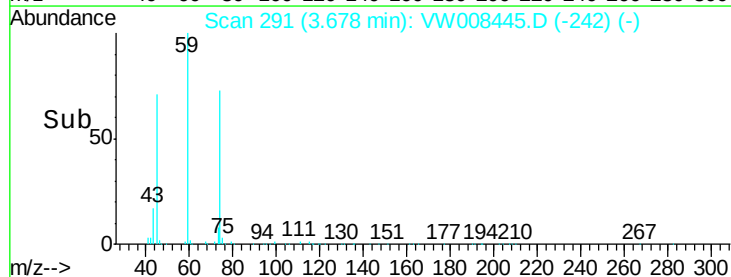
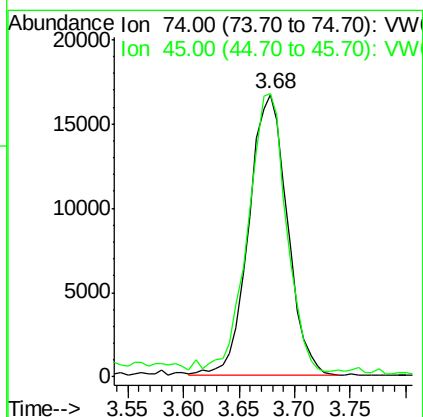
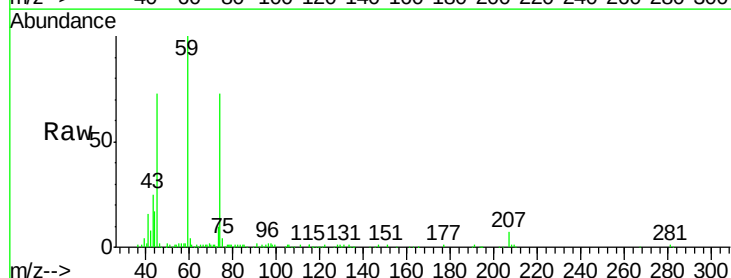
Tgt Ion:101 Resp: 65740
 Ion Ratio Lower Upper
 101 100
 103 57.3 52.5 78.7

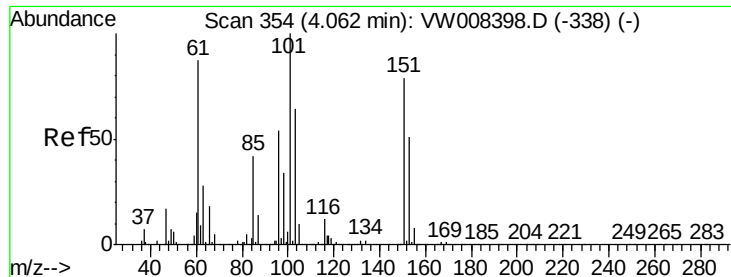


#8

Diethyl Ether
 Concen: 17.620 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 74 Resp: 39901
 Ion Ratio Lower Upper
 74 100
 45 98.5 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.080 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

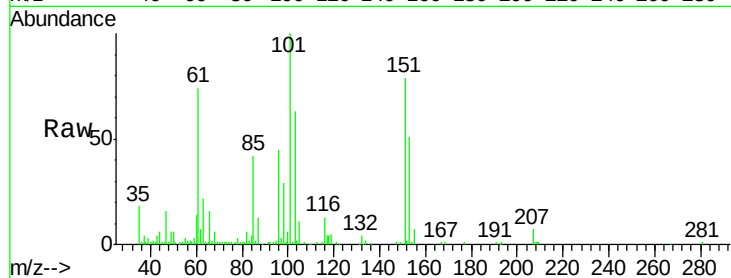
Tgt Ion:101 Resp: 78361

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.4

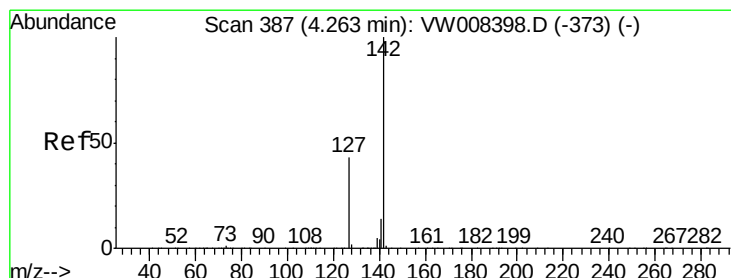
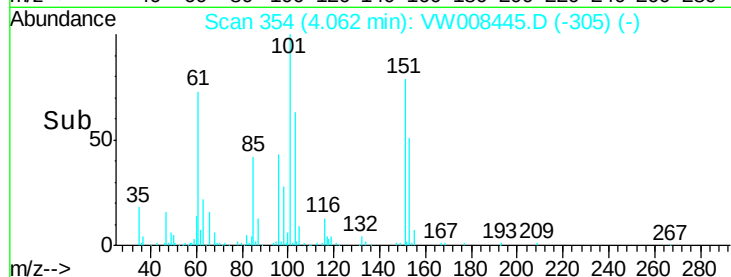
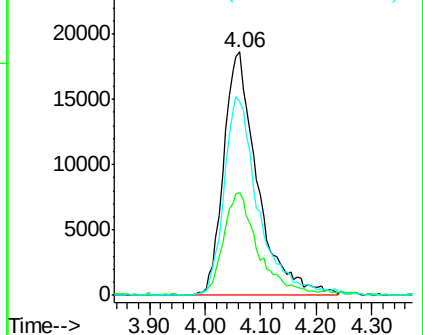
151 82.3 62.6 94.0



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: 18.986 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

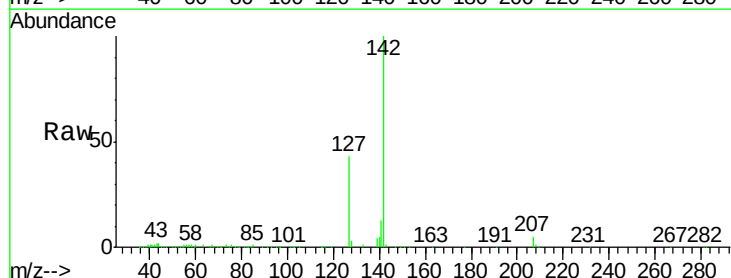
Tgt Ion:142 Resp: 123164

Ion Ratio Lower Upper

142 100

127 42.3 34.6 52.0

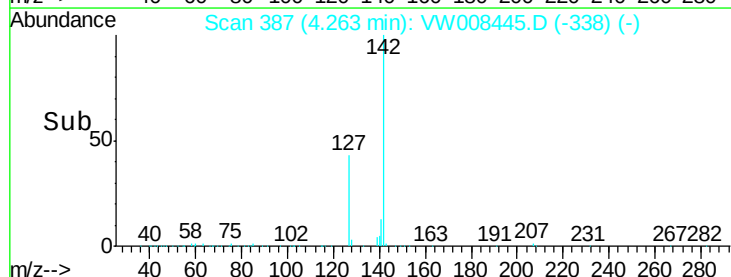
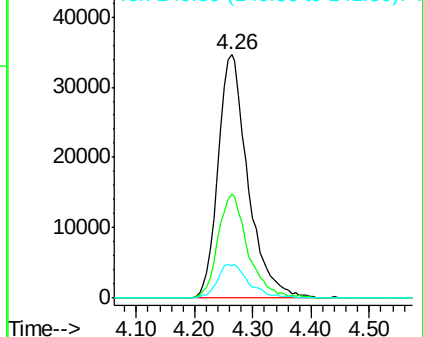
141 14.6 11.4 17.2

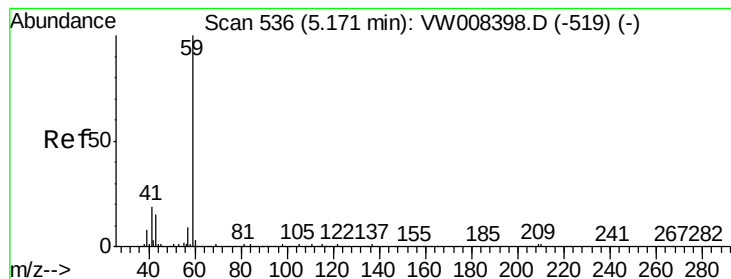


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 80.339 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

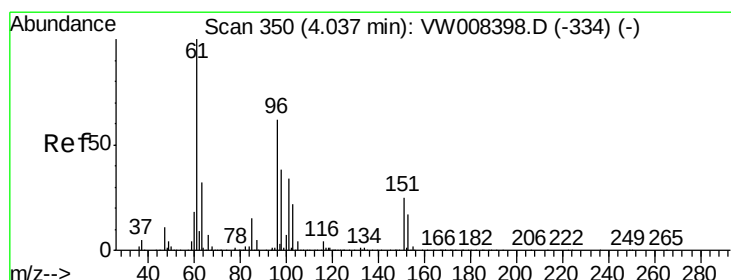
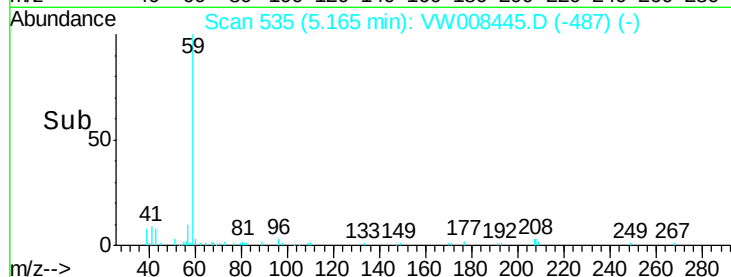
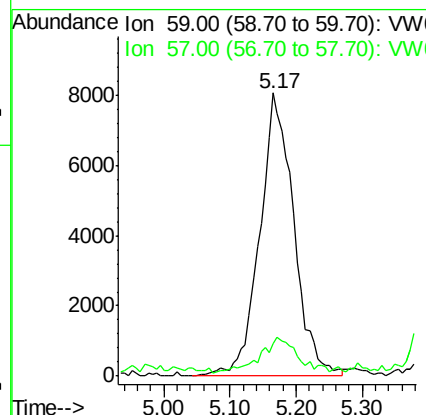
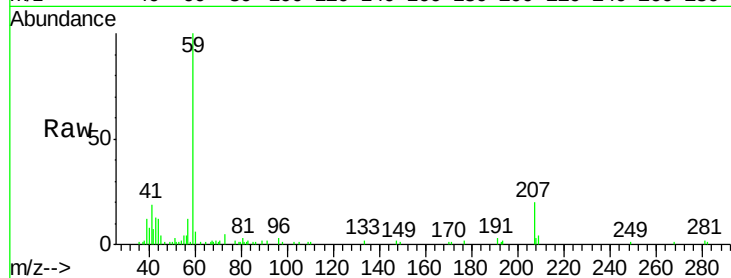
VW0129SBSD01

Tgt Ion: 59 Resp: 28855

Ion Ratio Lower Upper

59 100

57 11.7 9.3 13.9



#12

1,1-Dichloroethene

Concen: 18.666 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

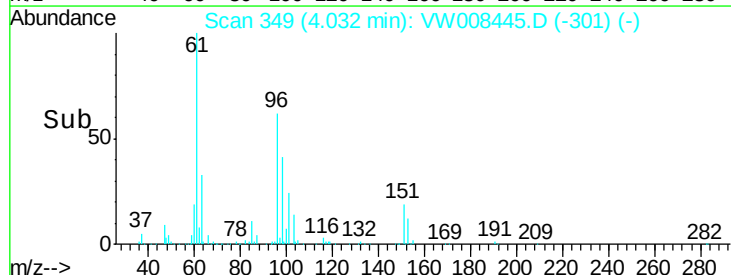
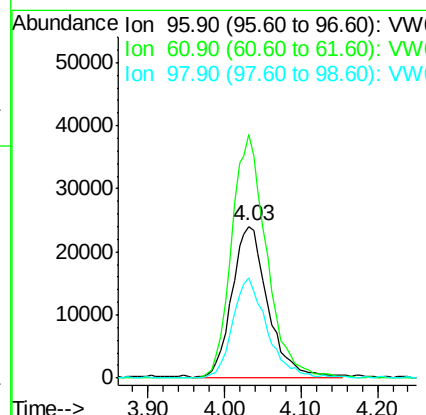
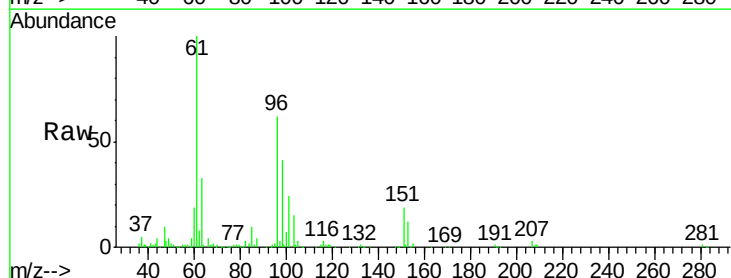
Tgt Ion: 96 Resp: 77582

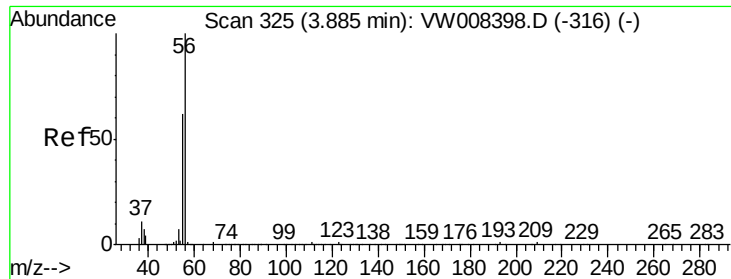
Ion Ratio Lower Upper

96 100

61 161.1 129.5 194.3

98 66.2 48.6 73.0





#13

Acrolein

Concen: 93.778 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

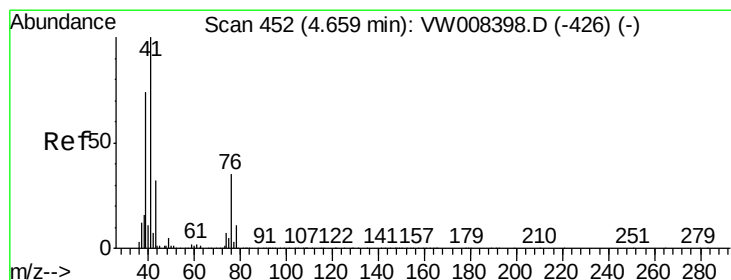
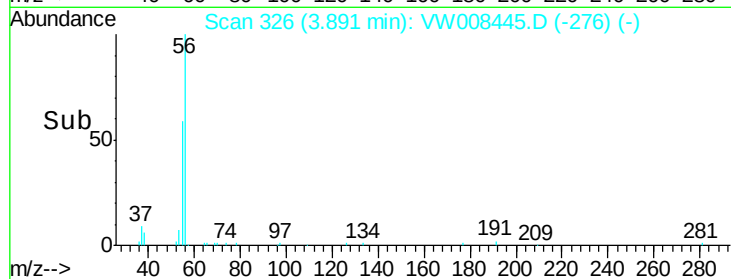
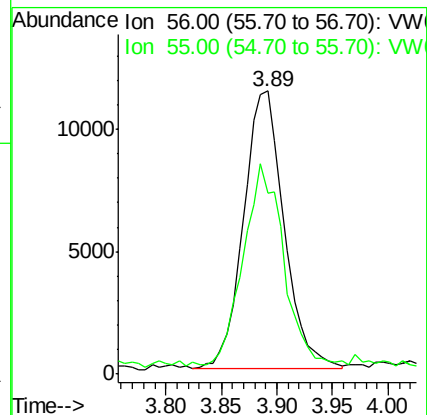
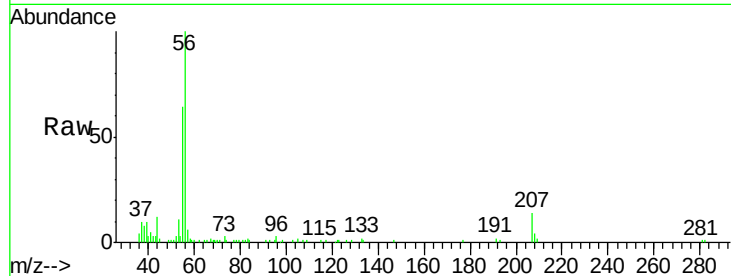
VW0129SBSD01

Tgt Ion: 56 Resp: 28874

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 16.414 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

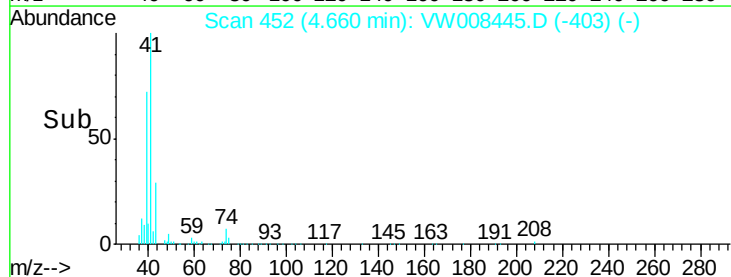
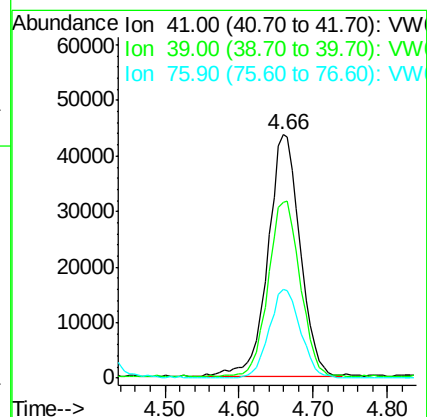
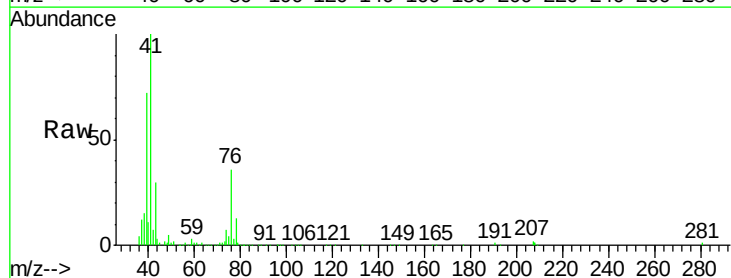
Tgt Ion: 41 Resp: 129550

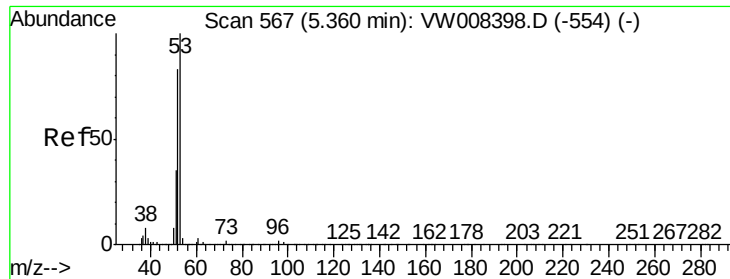
Ion Ratio Lower Upper

41 100

39 72.4 57.7 86.5

76 36.2 26.9 40.3





#15

Acrylonitrile

Concen: 83.366 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

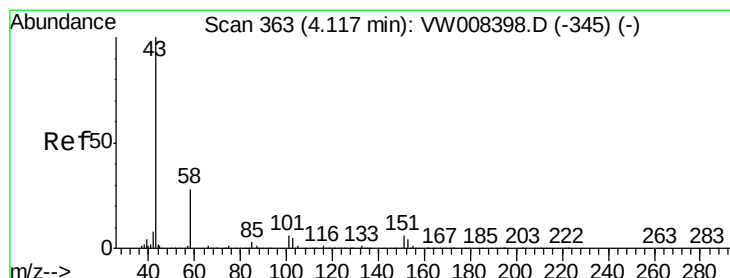
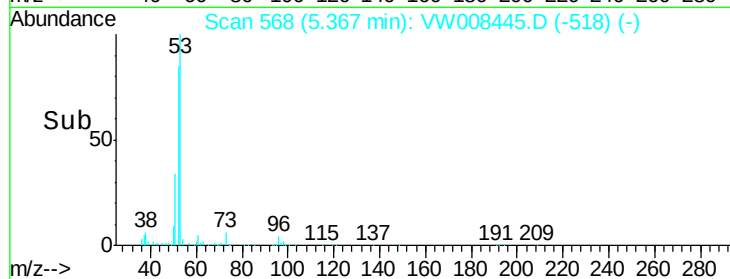
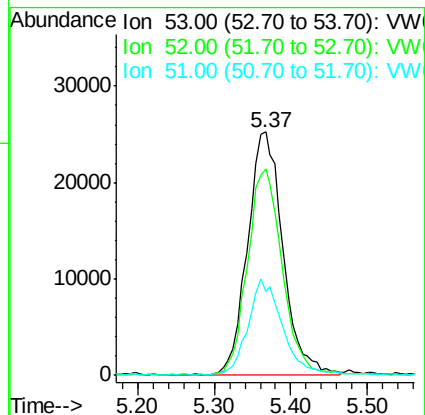
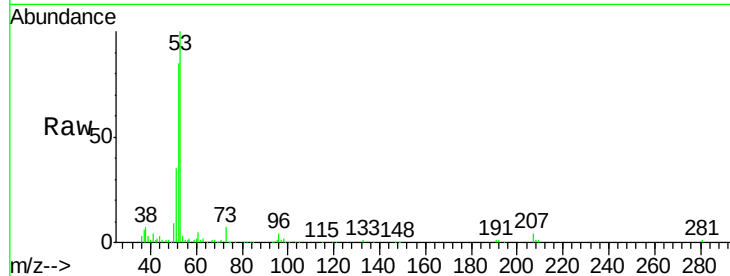
Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tgt Ion:	53	Resp:	81520
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	38.7	29.8	44.8



#16

Acetone

Concen: 80.950 ug/l

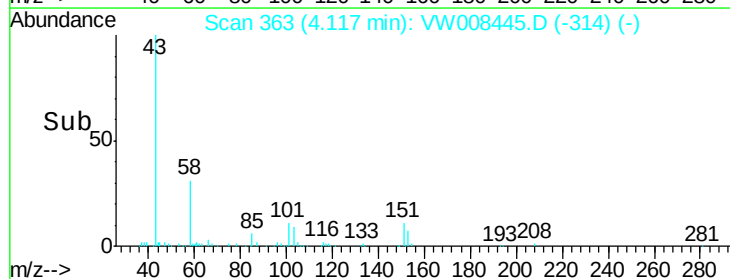
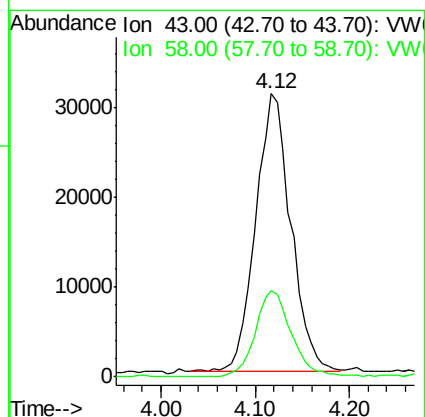
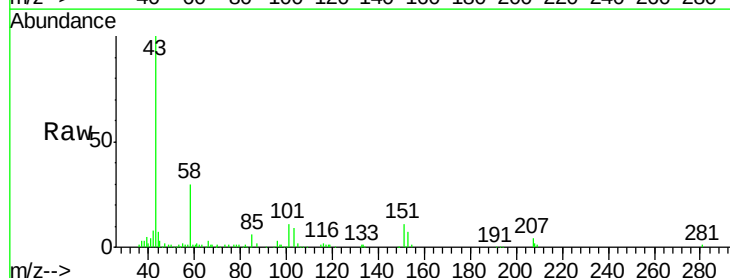
RT: 4.12 min Scan# 363

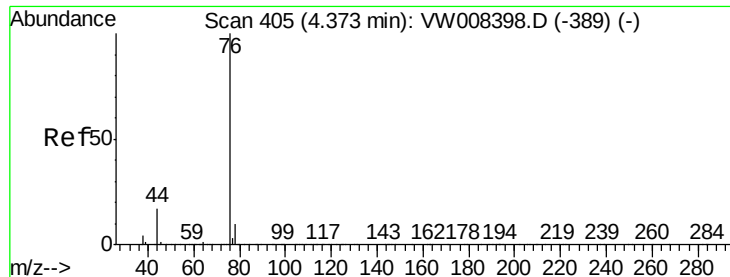
Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion:	43	Resp:	81095
Ion	Ratio	Lower	Upper
43	100		
58	30.7	22.6	34.0





#17

Carbon Disulfide

Concen: 17.543 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

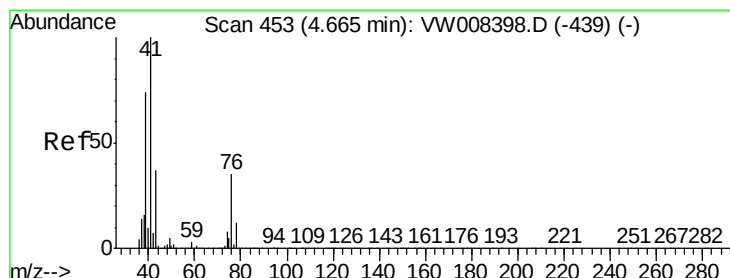
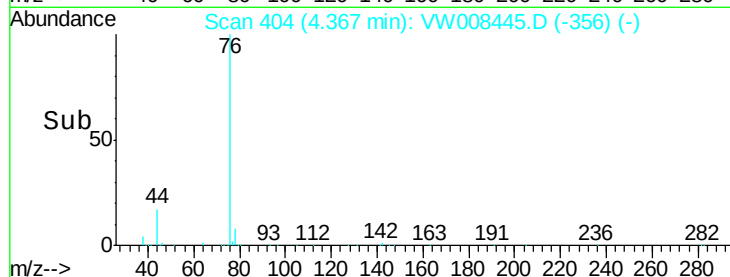
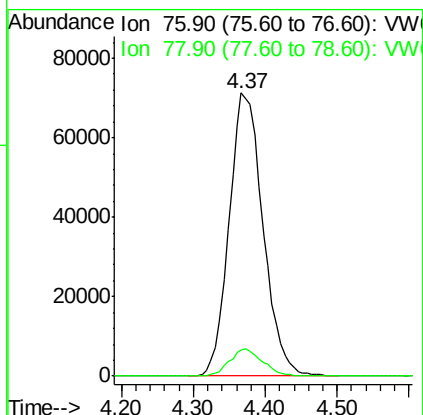
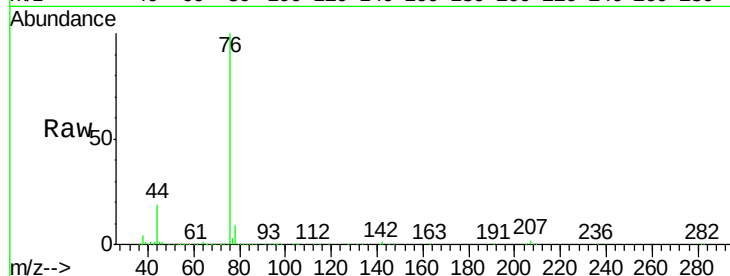
VW0129SBSD01

Tgt Ion: 76 Resp: 232883

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5



#18

Methyl Acetate

Concen: 16.010 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008445.D

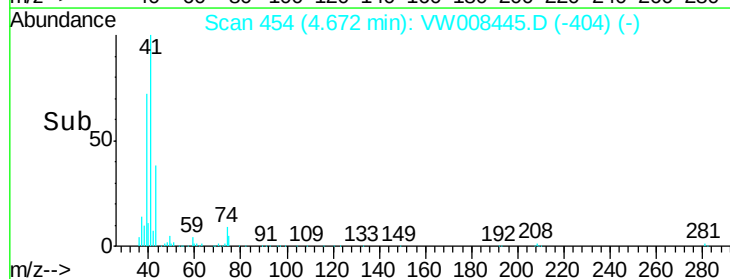
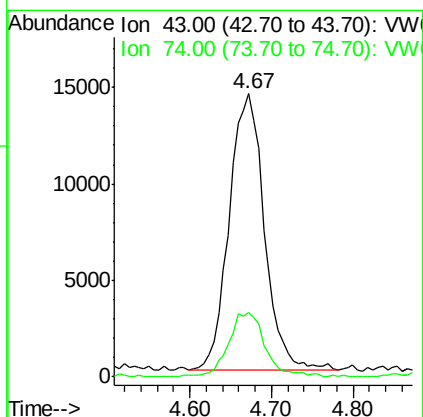
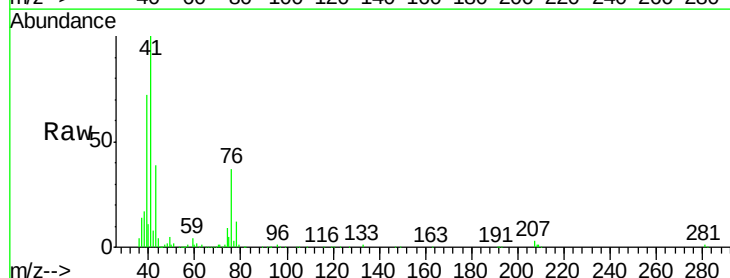
Acq: 29 Jan 2019 12:08

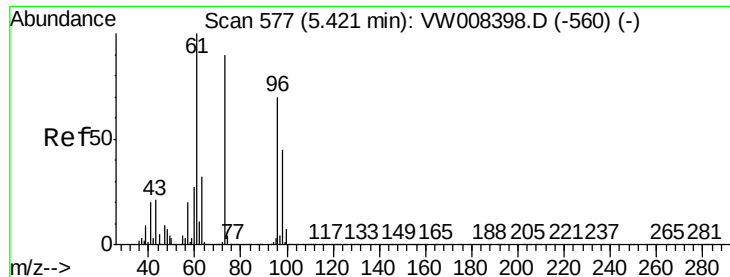
Tgt Ion: 43 Resp: 42778

Ion Ratio Lower Upper

43 100

74 24.1 17.5 26.3



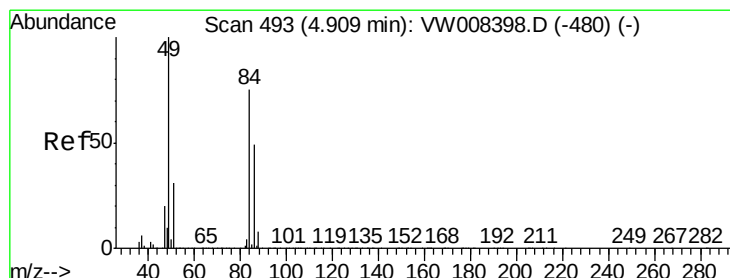
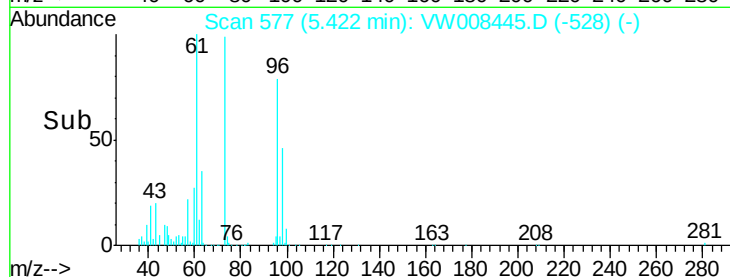
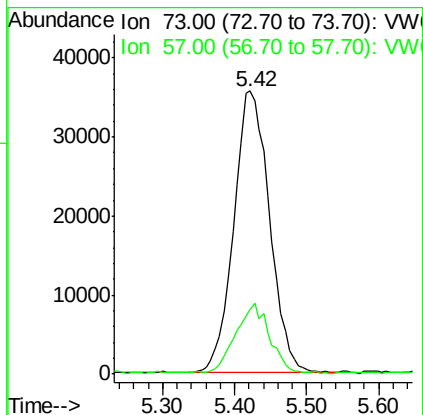
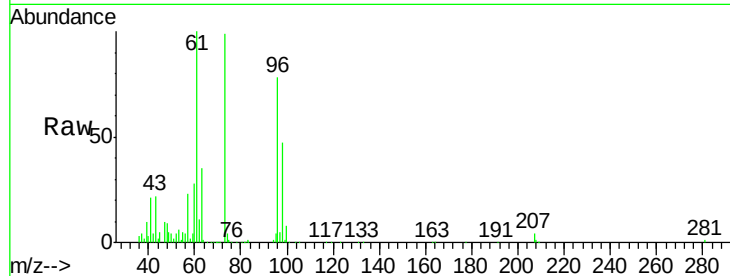


#19

Methyl tert-butyl Ether
Concen: 17.787 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

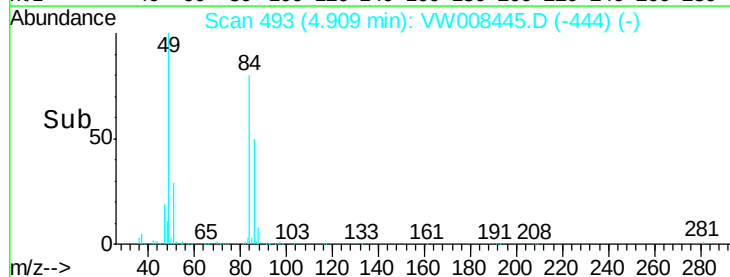
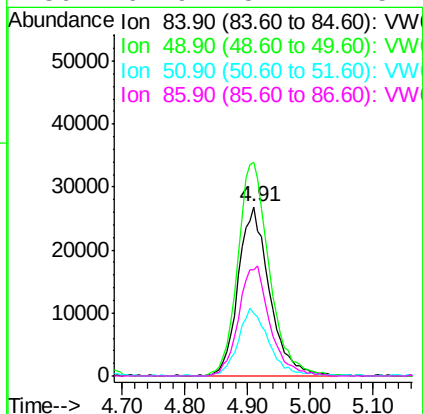
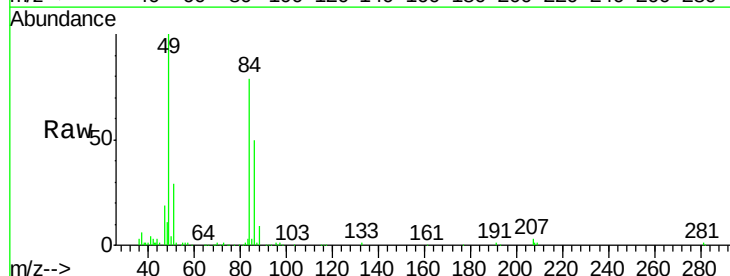
Tgt Ion: 73 Resp: 122321
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0

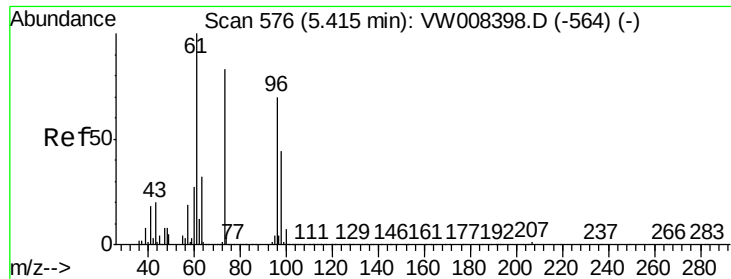


#20

Methylene Chloride
Concen: 20.087 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 84 Resp: 92750
Ion Ratio Lower Upper
84 100
49 126.0 106.8 160.2
51 36.4 32.9 49.3
86 62.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.037 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

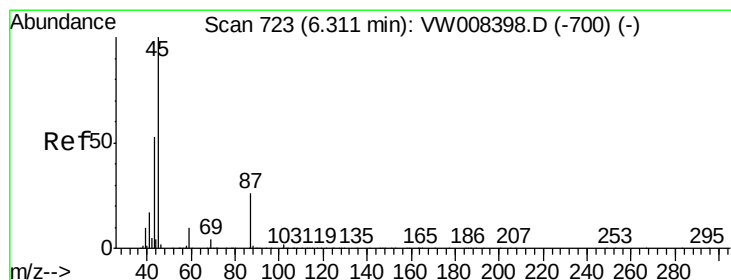
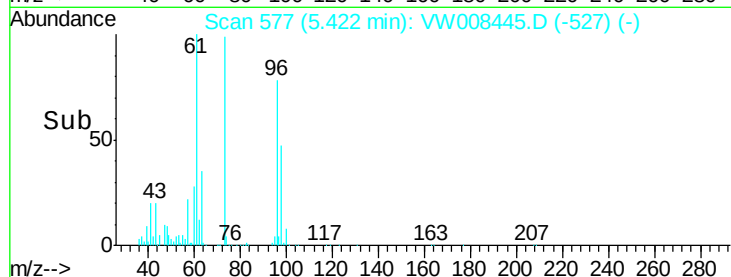
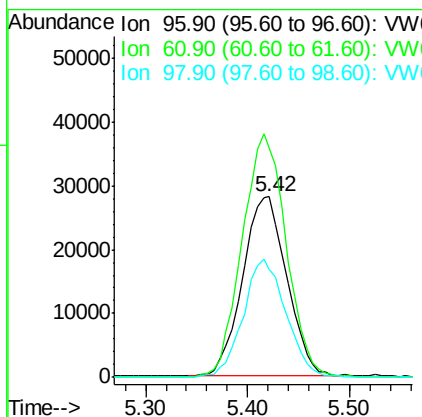
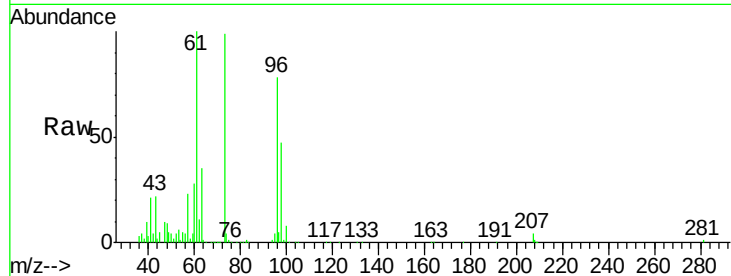
Tgt Ion: 96 Resp: 84284

Ion Ratio Lower Upper

96 100

61 128.2 114.4 171.6

98 60.0 50.6 75.8



#22

Diisopropyl ether

Concen: 16.494 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion: 45 Resp: 246727

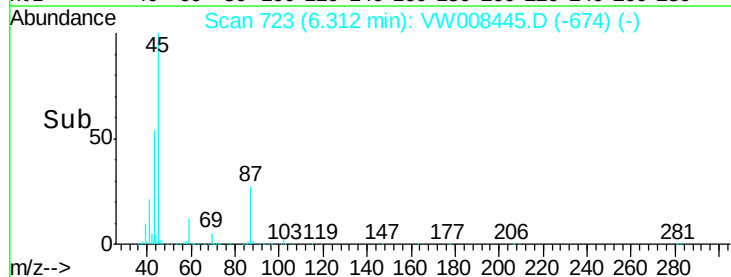
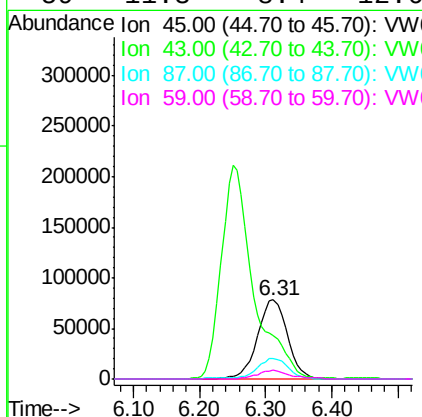
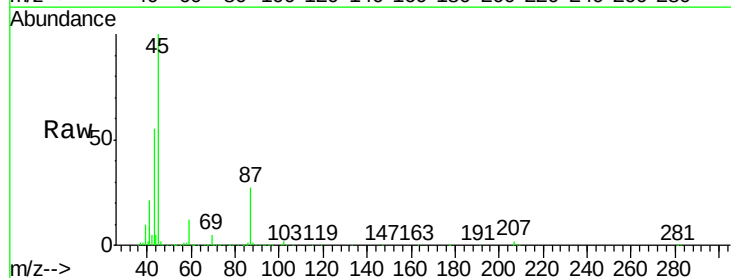
Ion Ratio Lower Upper

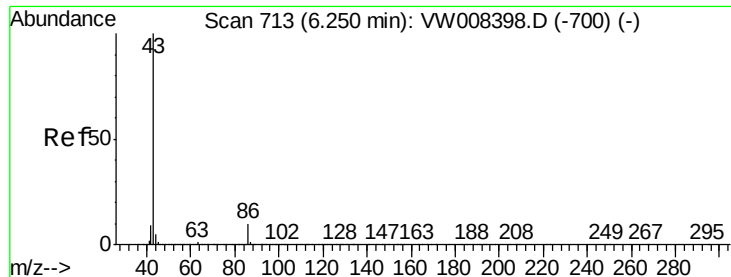
45 100

43 53.9 42.6 63.8

87 26.5 20.3 30.5

59 11.3 8.4 12.6

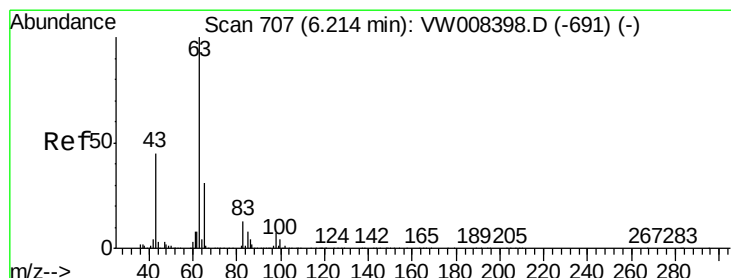
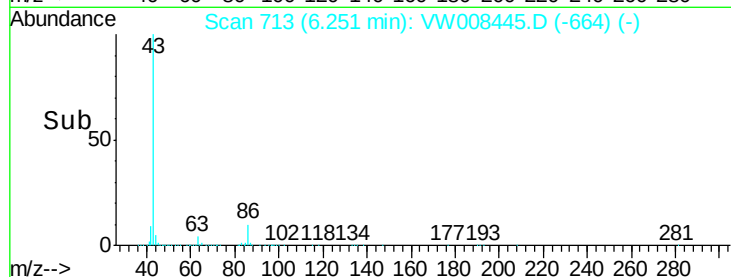
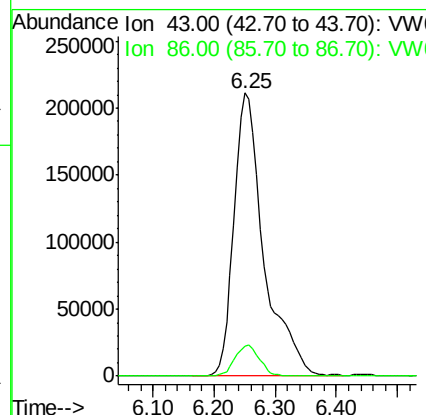
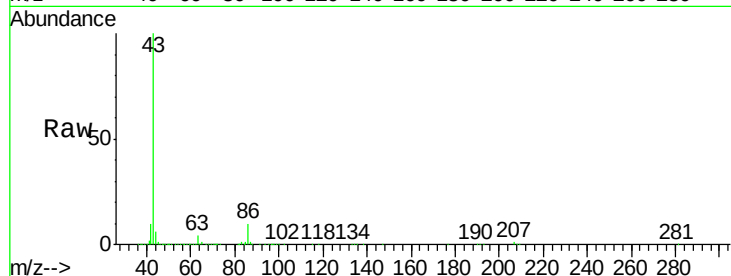




#23
 Vinyl Acetate
 Concen: 80.613 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

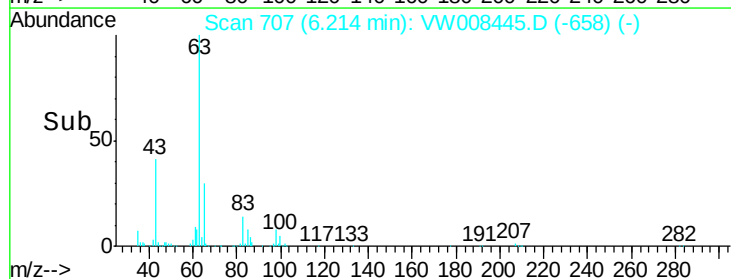
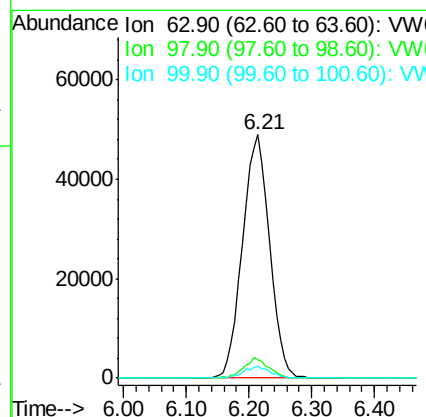
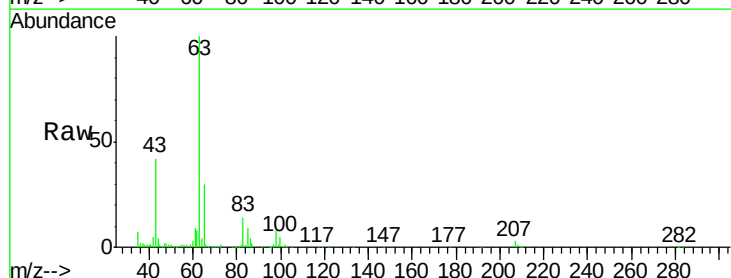
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

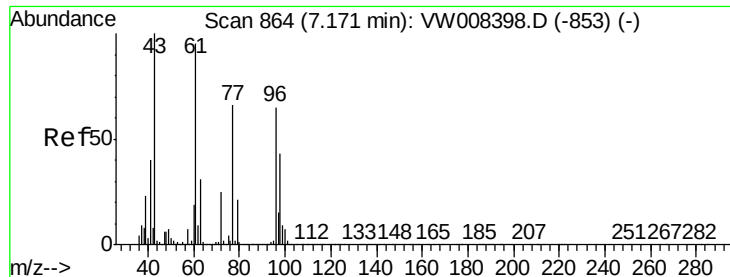
Tgt Ion: 43 Resp: 712017
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 17.307 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 63 Resp: 146543
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 5.0 2.1 6.2





#25

2-Butanone

Concen: 80.672 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

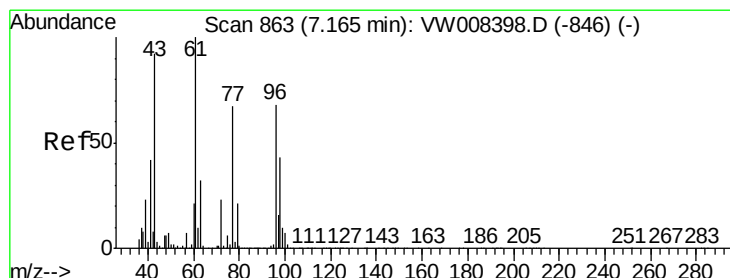
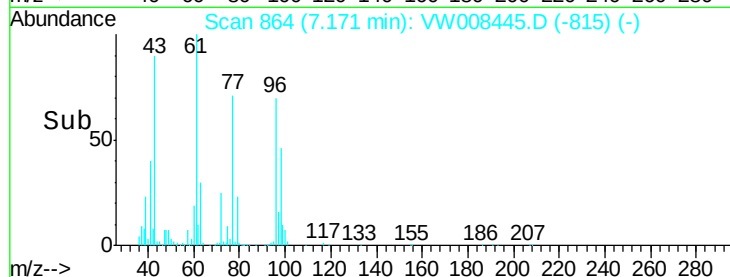
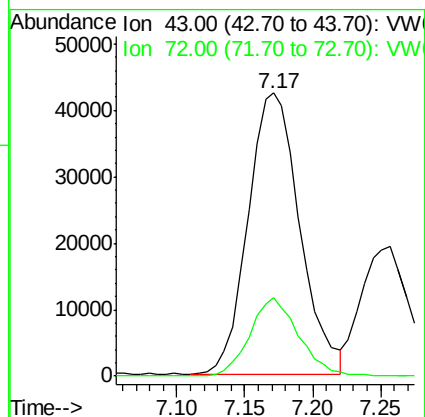
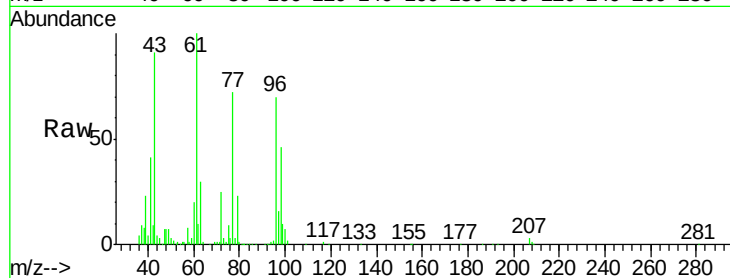
VW0129SBS01

Tgt Ion: 43 Resp: 112252

Ion Ratio Lower Upper

43 100

72 27.8 20.1 30.1



#26

2,2-Dichloropropane

Concen: 18.143 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008445.D

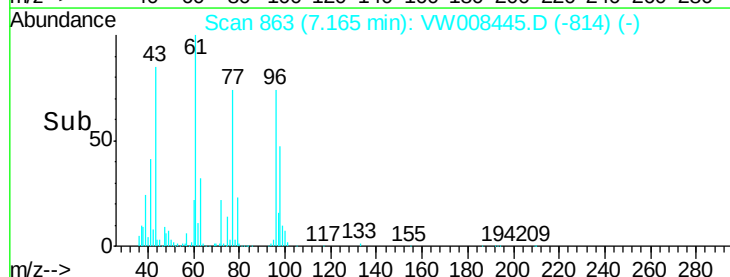
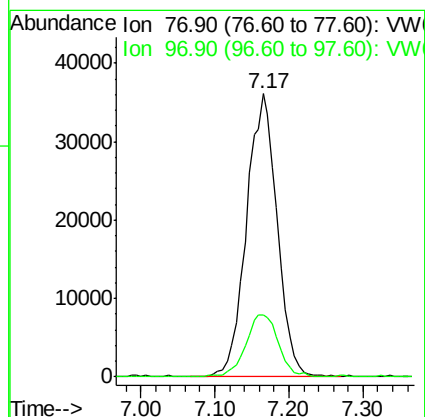
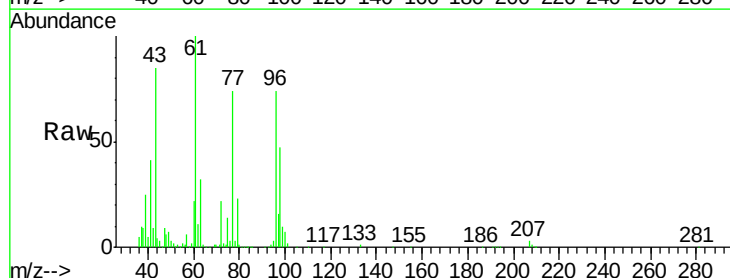
Acq: 29 Jan 2019 12:08

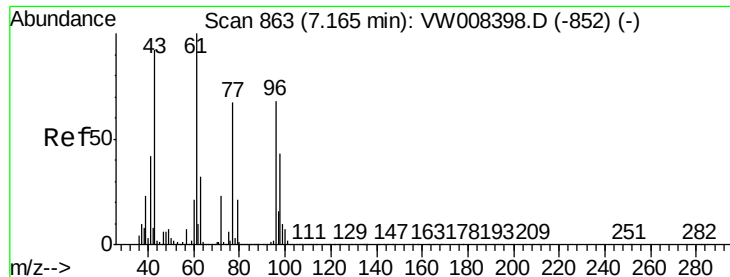
Tgt Ion: 77 Resp: 103836

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5



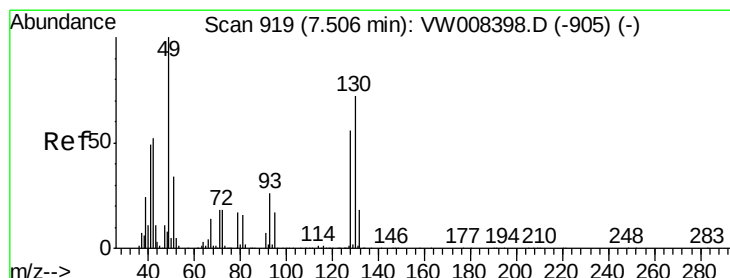
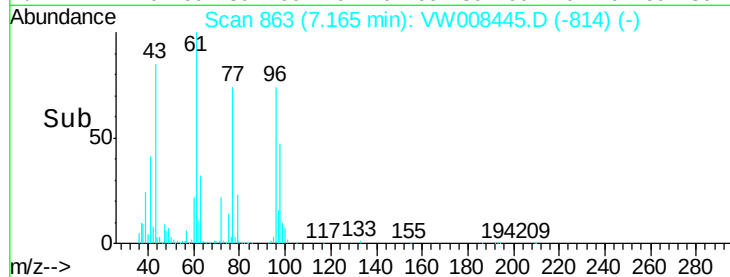
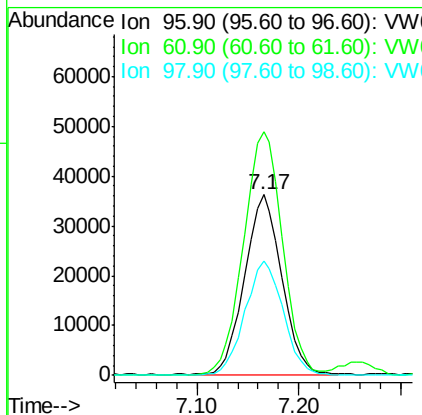
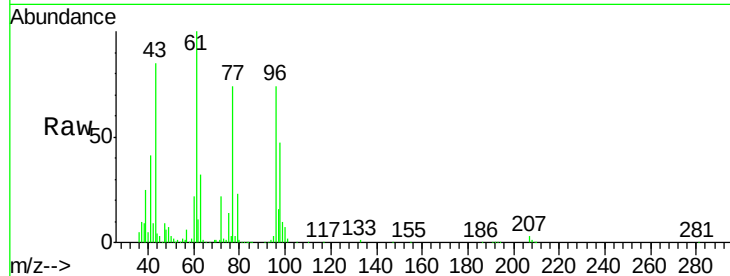


#27

cis-1,2-Dichloroethene
Concen: 18.185 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

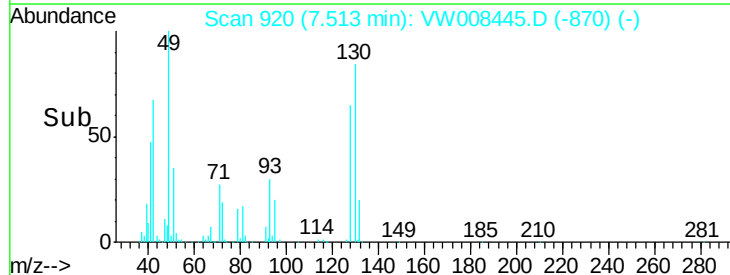
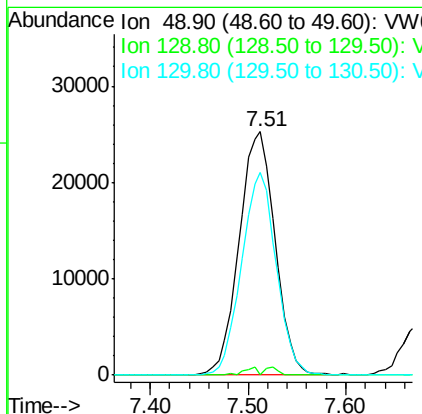
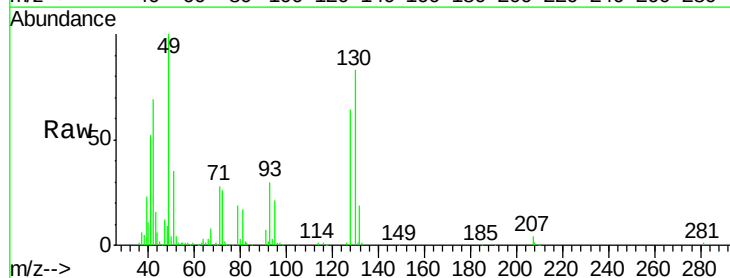
Tgt Ion: 96 Resp: 92610
Ion Ratio Lower Upper
96 100
61 140.9 0.0 292.8
98 64.8 0.0 129.2

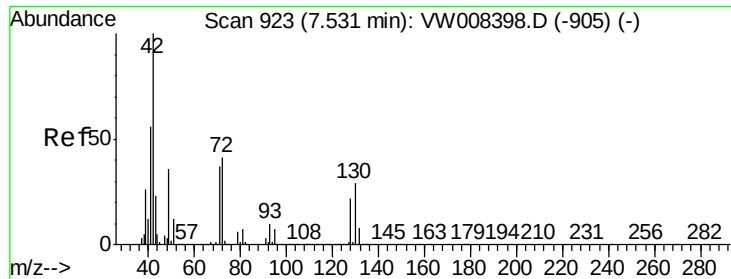


#28

Bromochloromethane
Concen: 16.537 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 49 Resp: 64313
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.6
130 80.4 58.6 87.8





#29

Tetrahydrofuran

Concen: 80.026 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

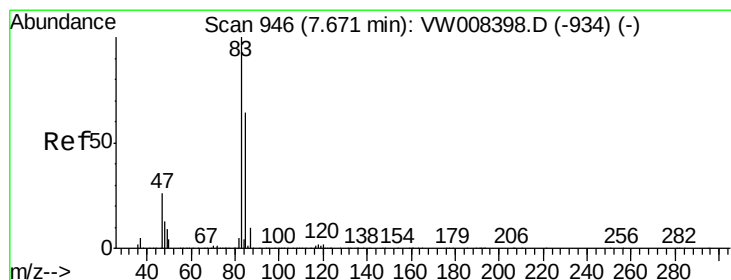
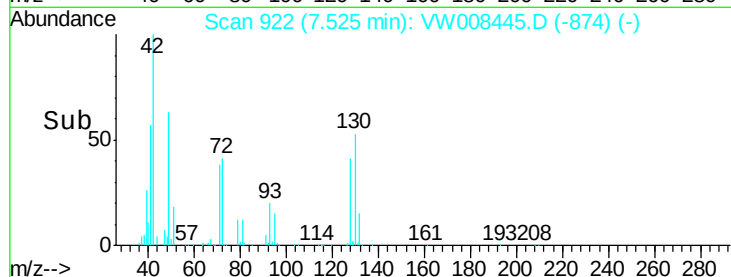
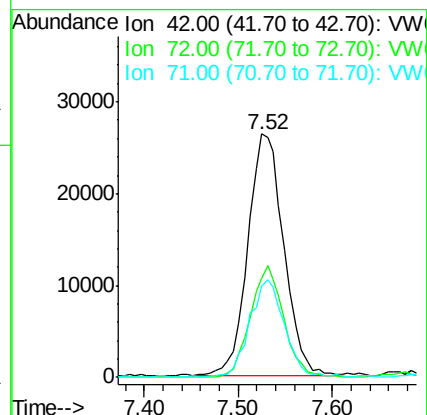
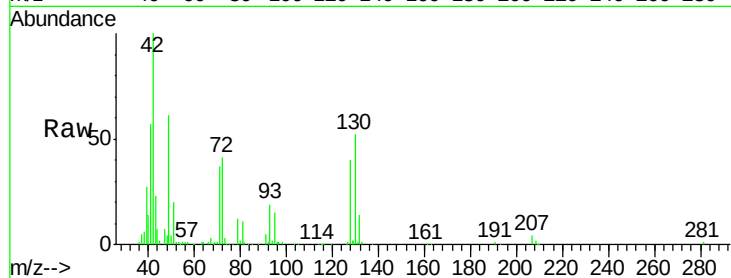
Tgt Ion: 42 Resp: 70565

Ion Ratio Lower Upper

42 100

72 42.8 31.9 47.9

71 39.0 29.9 44.9



#30

Chloroform

Concen: 17.842 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW008445.D

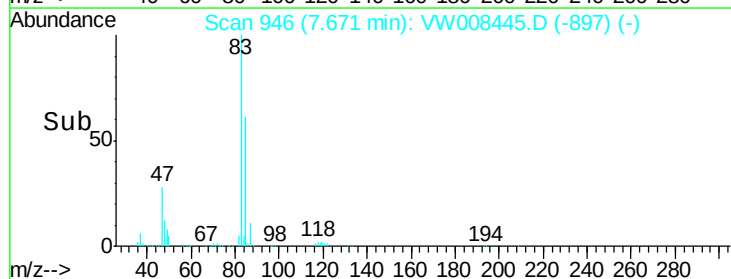
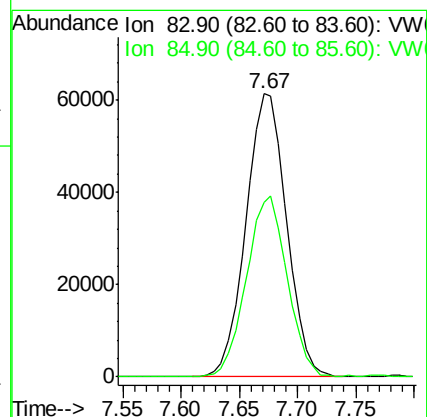
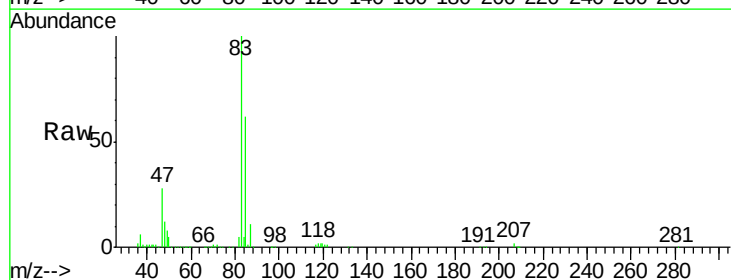
Acq: 29 Jan 2019 12:08

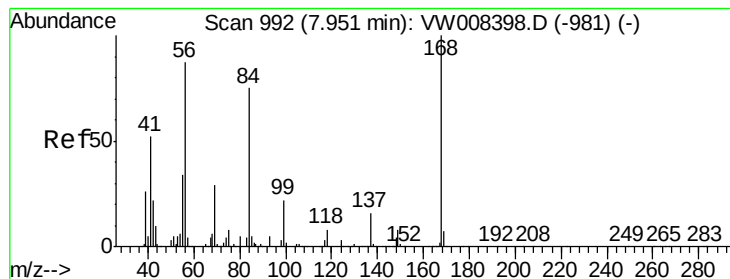
Tgt Ion: 83 Resp: 148587

Ion Ratio Lower Upper

83 100

85 61.5 50.9 76.3





#31

Cyclohexane

Concen: 16.688 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

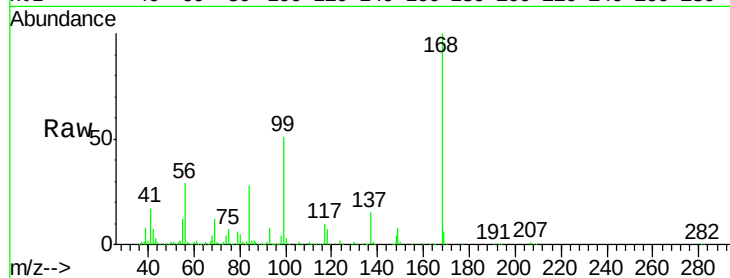
Tgt Ion: 56 Resp: 146105

Ion Ratio Lower Upper

56 100

69 39.6 26.4 39.6

84 95.8 69.1 103.7

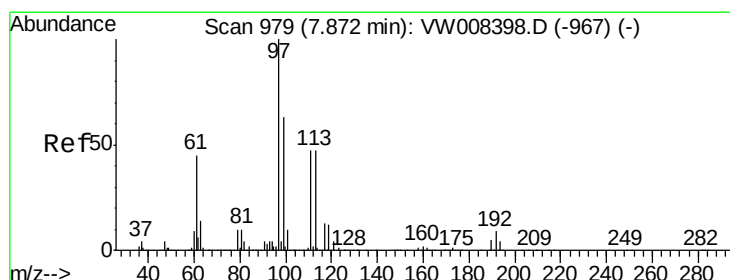
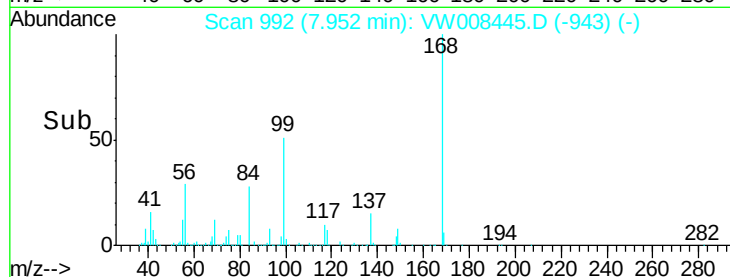
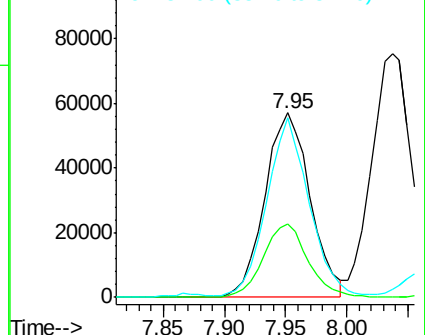


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 18.504 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

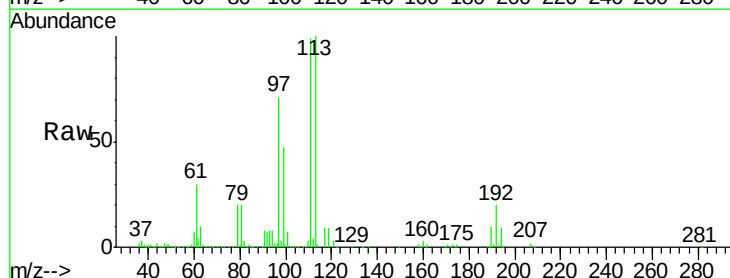
Tgt Ion: 97 Resp: 133104

Ion Ratio Lower Upper

97 100

99 62.5 51.3 76.9

61 42.0 36.2 54.4

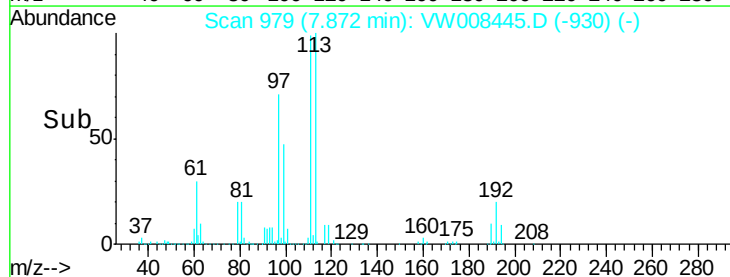
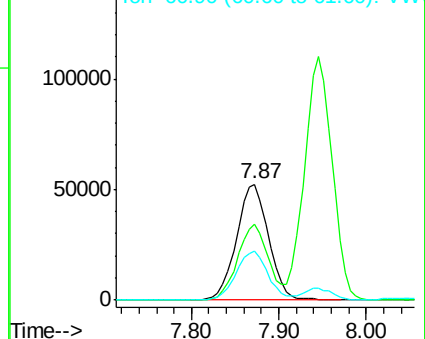


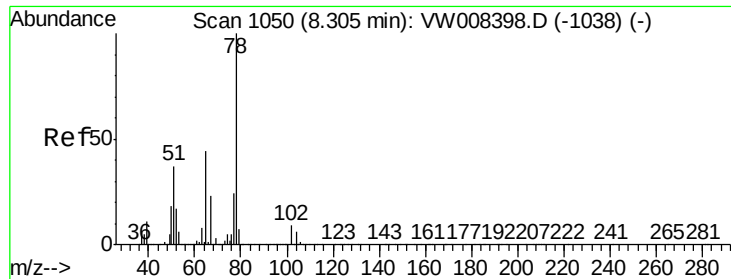
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

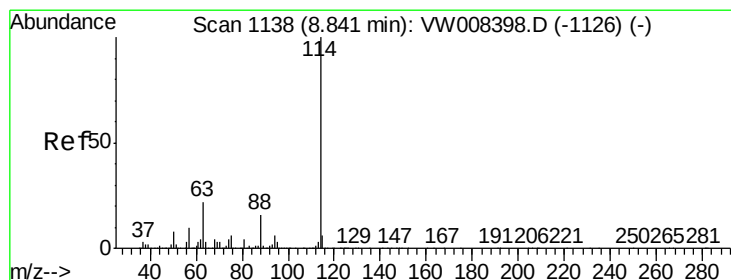
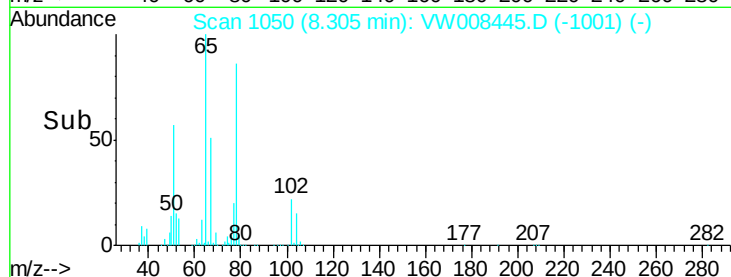
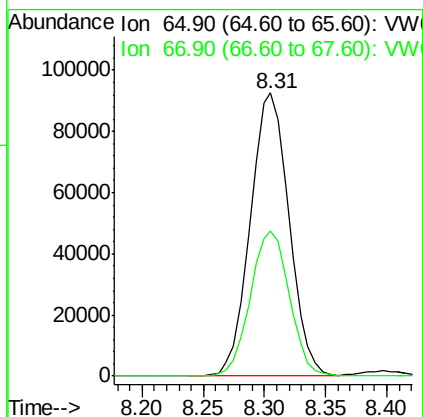
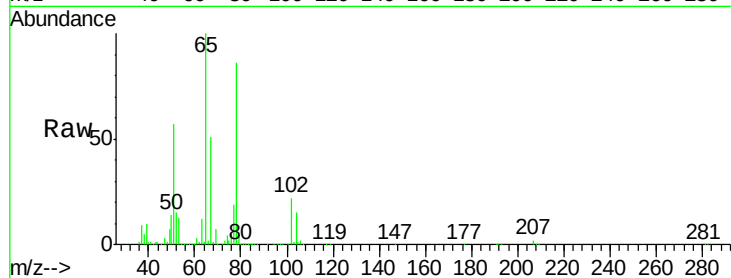




#33
 1,2-Dichloroethane-d4
 Concen: 45.777 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

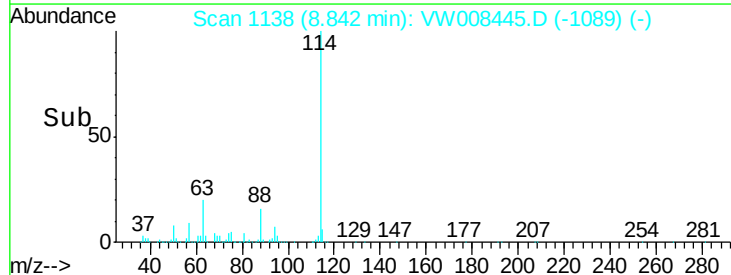
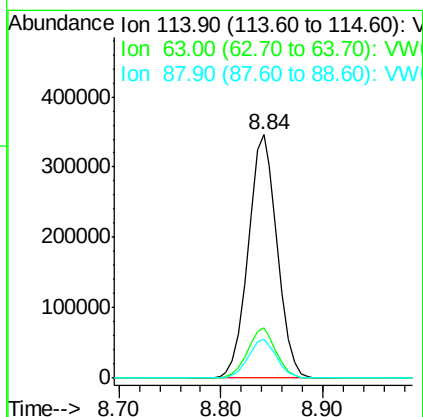
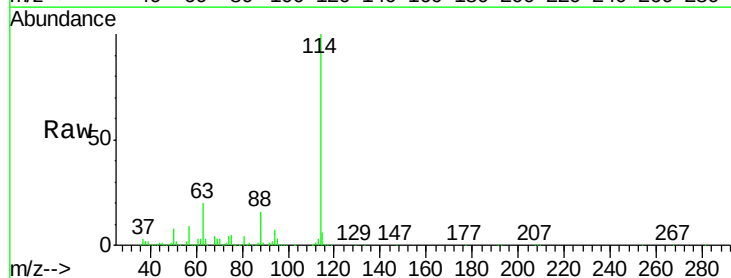
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

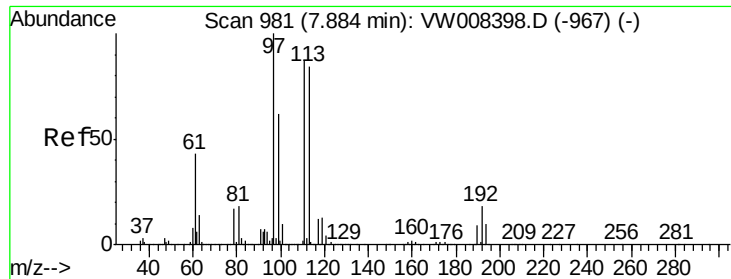
Tgt Ion: 65 Resp: 204212
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 114 Resp: 680308
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.6
 88 15.8 0.0 31.8

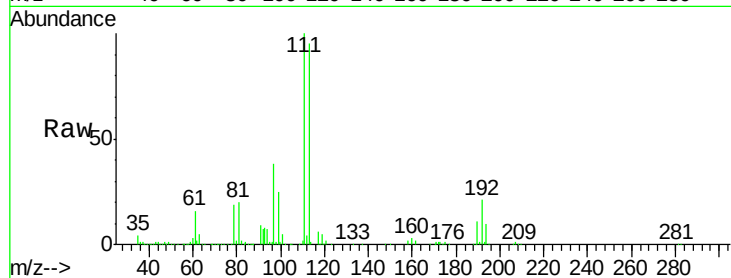




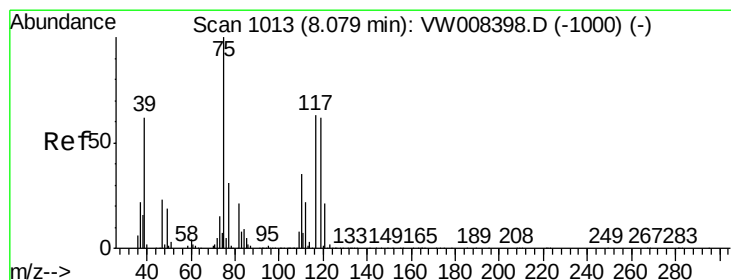
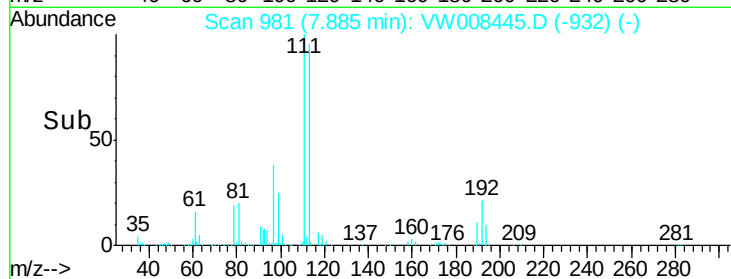
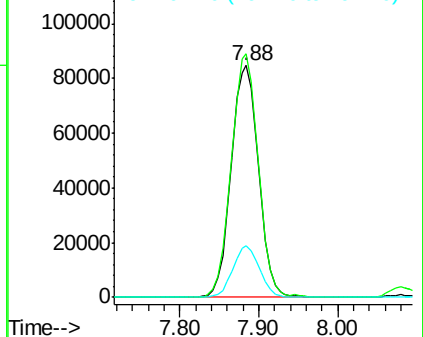
#35
 Dibromofluoromethane
 Concen: 51.350 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.4
192	21.7	16.8	25.2

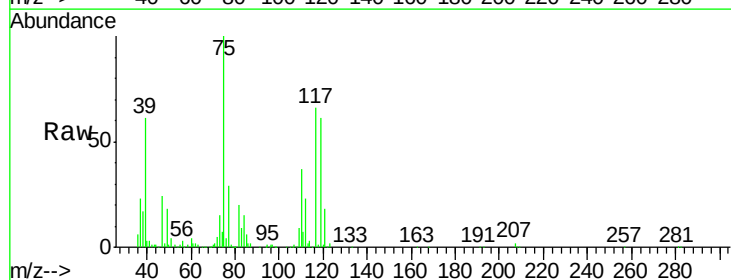


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

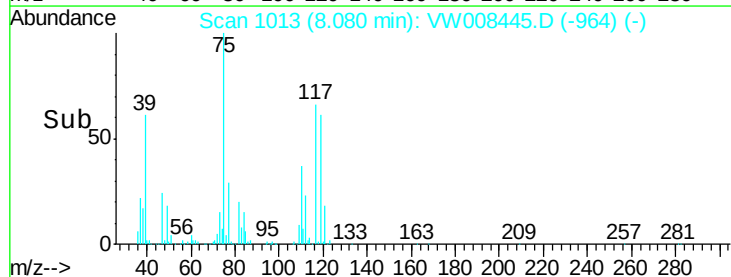
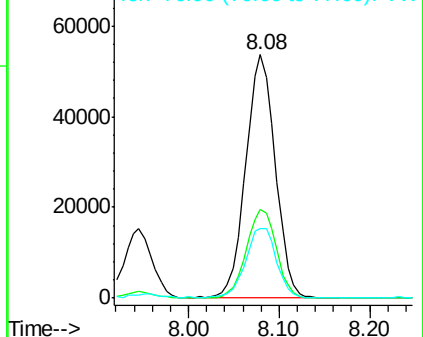


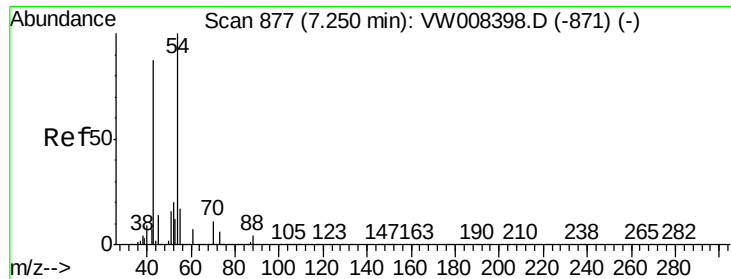
#36
 1,1-Dichloropropene
 Concen: 18.821 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.3	52.0
77	30.3	24.7	37.1



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

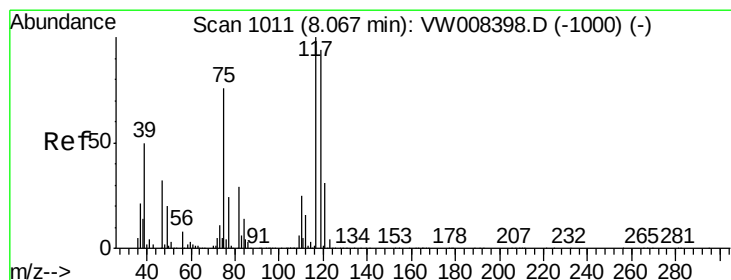
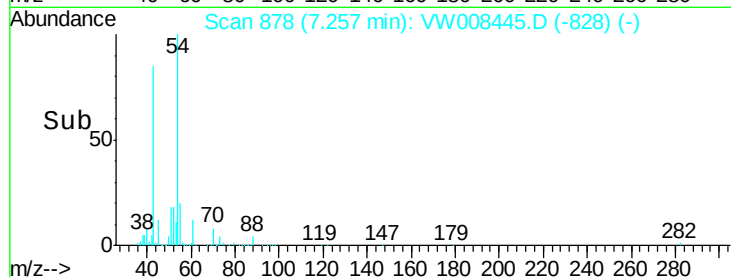
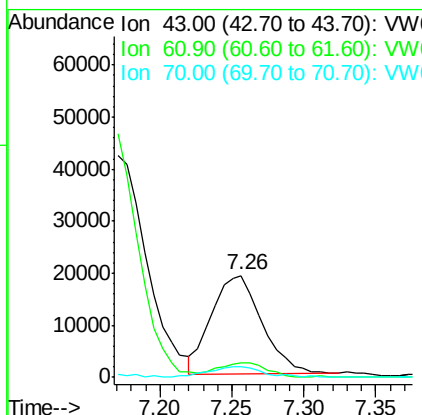
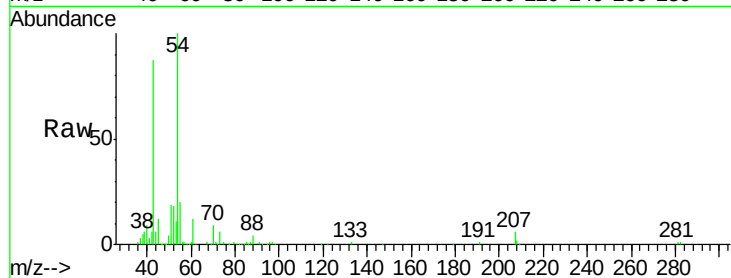




#37
Ethyl Acetate
Concen: 16.298 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

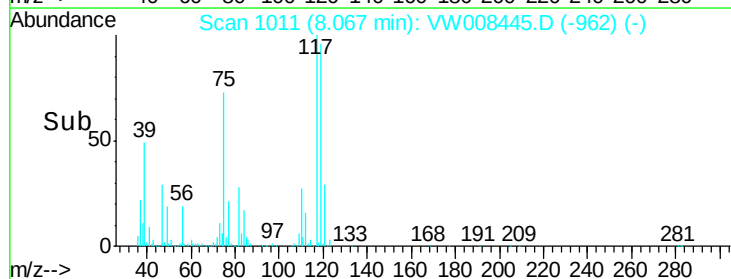
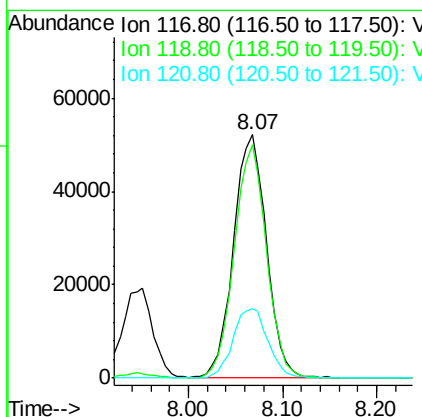
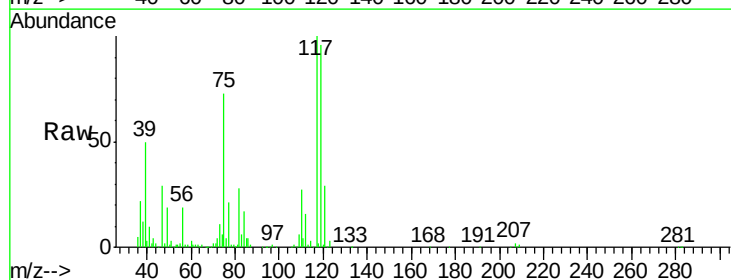
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

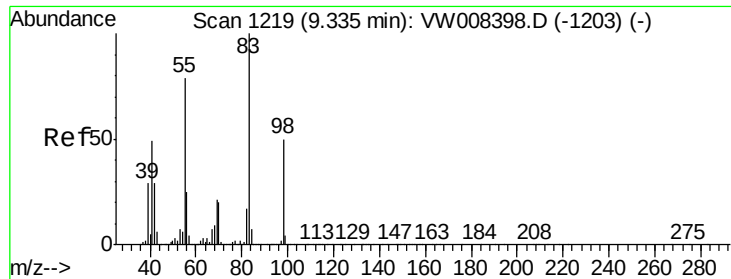
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.1	15.1
70	11.3	7.8	11.6



#38
Carbon Tetrachloride
Concen: 19.655 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.4
121	28.7	24.9	37.3

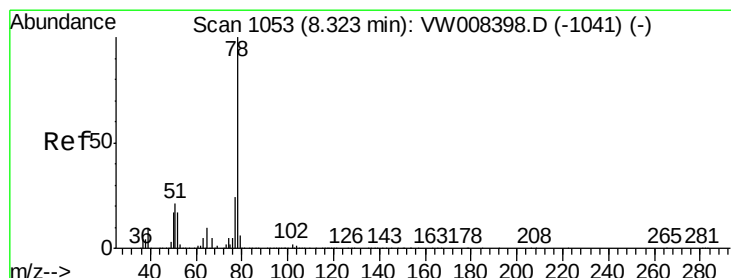
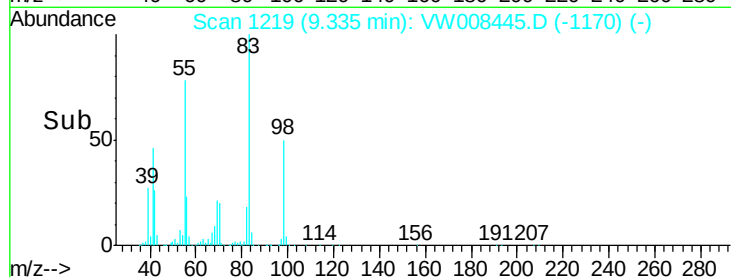
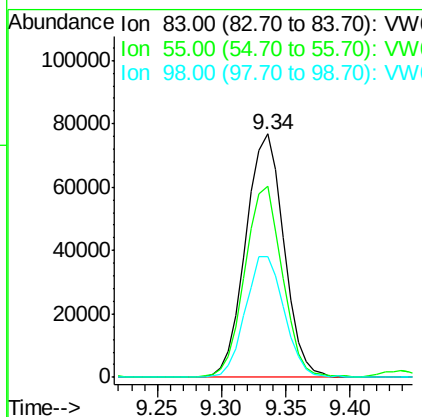
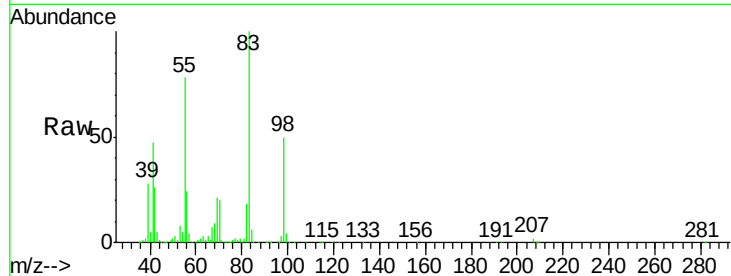




#39
Methylcyclohexane
Concen: 18.610 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

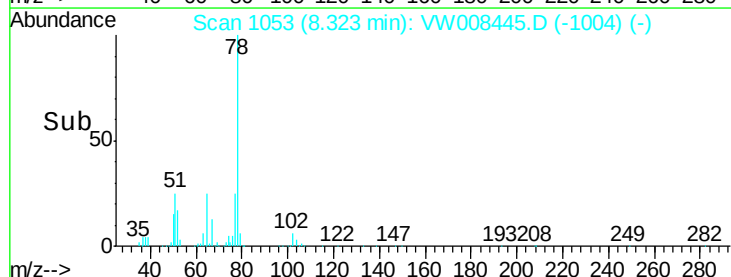
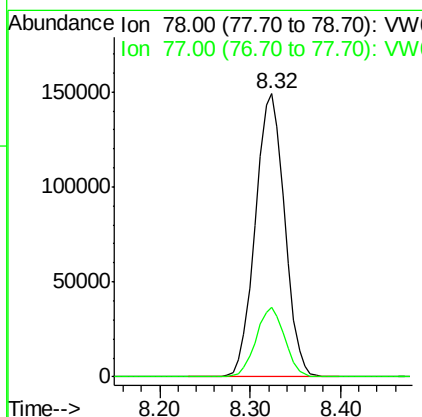
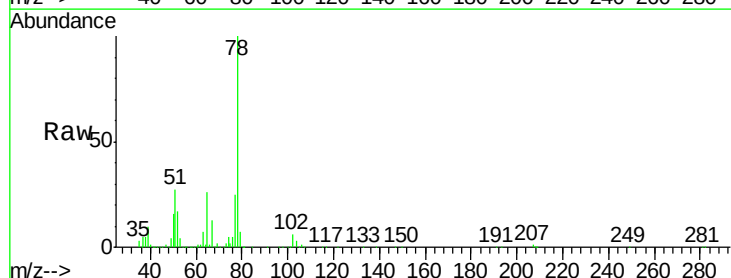
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

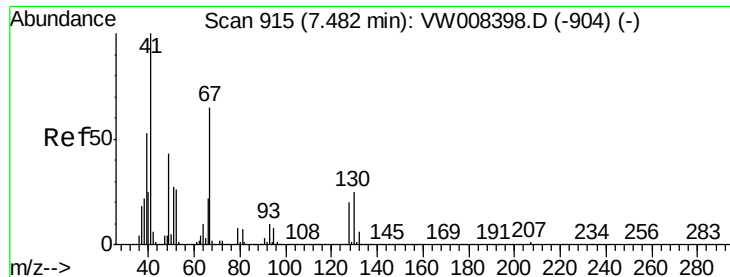
Tgt Ion: 83 Resp: 157107
Ion Ratio Lower Upper
83 100
55 78.1 63.3 94.9
98 49.7 39.7 59.5



#40
Benzene
Concen: 18.660 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 78 Resp: 332744
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6





#41

Methacrylonitrile

Concen: 14.930 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tgt Ion: 41 Resp: 25135

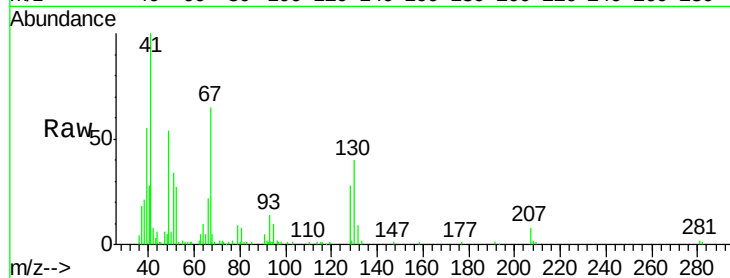
Ion Ratio Lower Upper

41 100

39 61.9 43.4 65.0

67 83.2 54.2 81.2#

52 38.3 22.9 34.3#

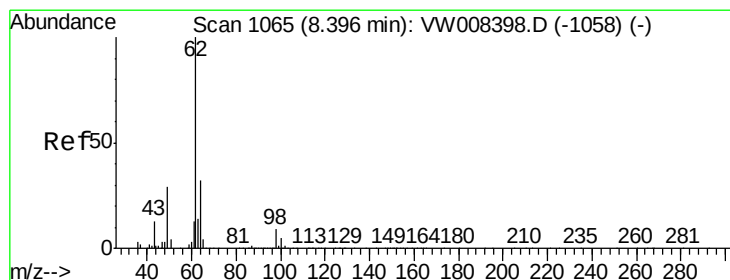
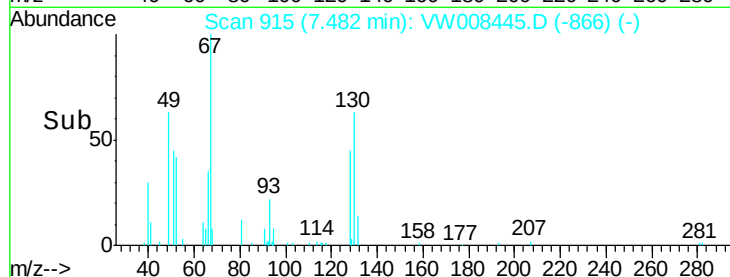
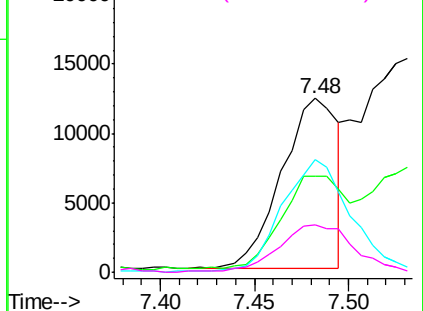


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 18.266 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW008445.D

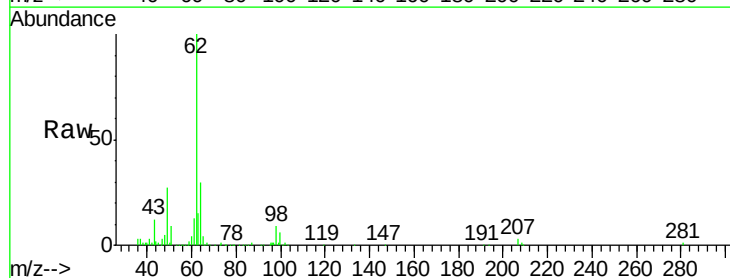
Acq: 29 Jan 2019 12:08

Tgt Ion: 62 Resp: 94395

Ion Ratio Lower Upper

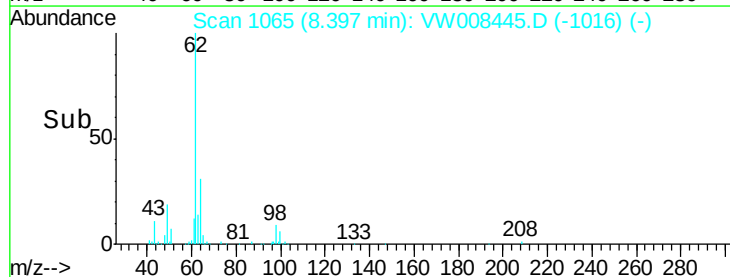
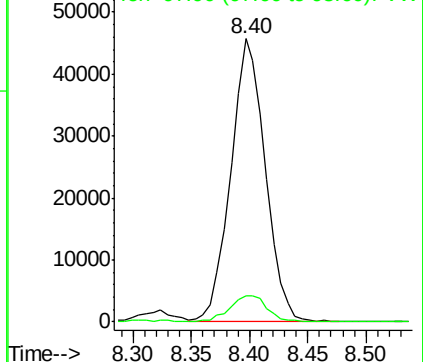
62 100

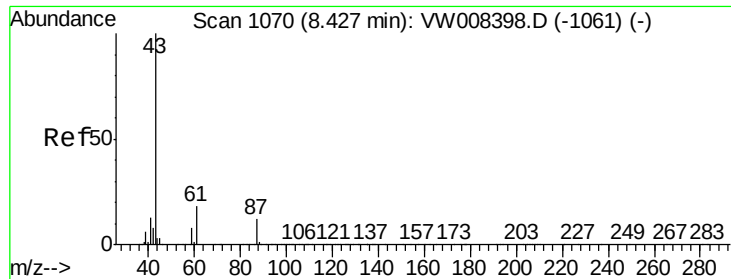
98 10.1 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 17.118 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

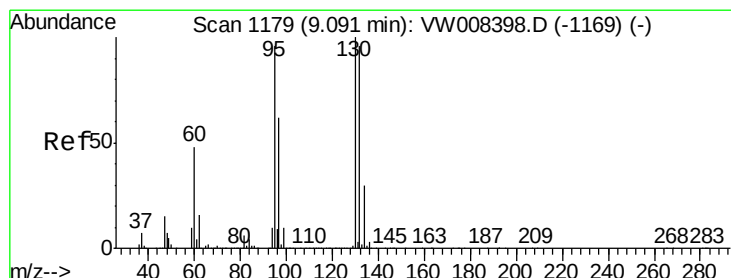
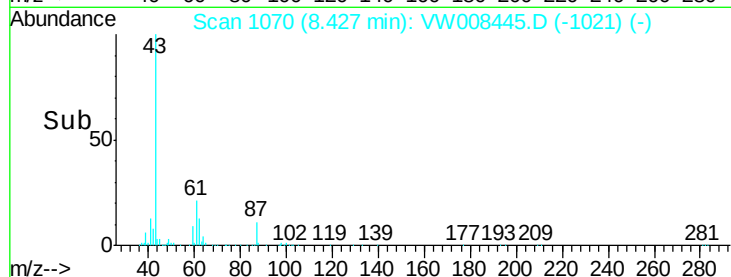
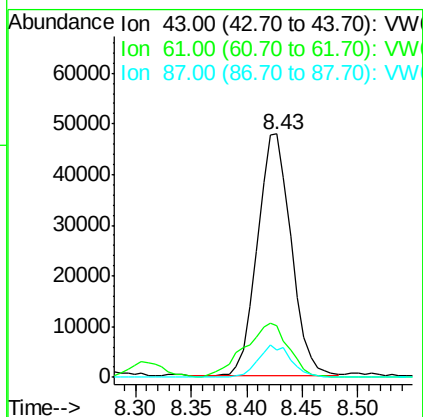
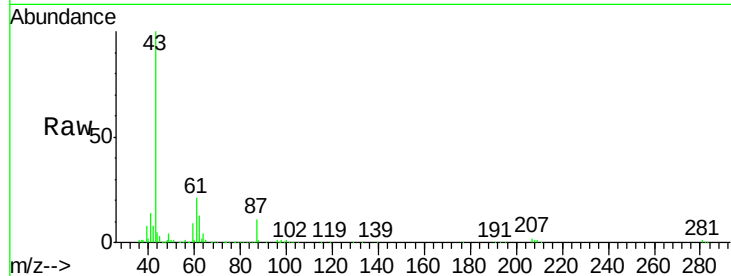
Tgt Ion: 43 Resp: 101112

Ion Ratio Lower Upper

43 100

61 28.7 22.0 33.0

87 13.1 9.3 13.9



#44

Trichloroethene

Concen: 19.903 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008445.D

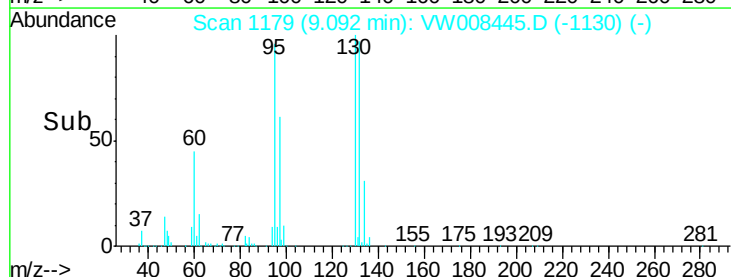
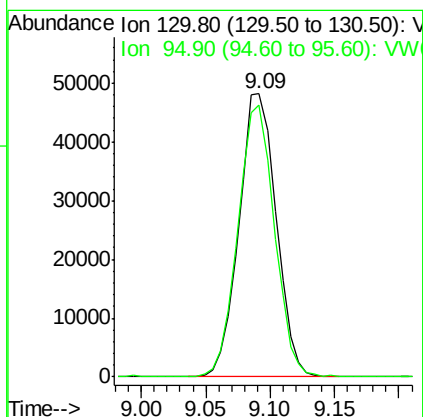
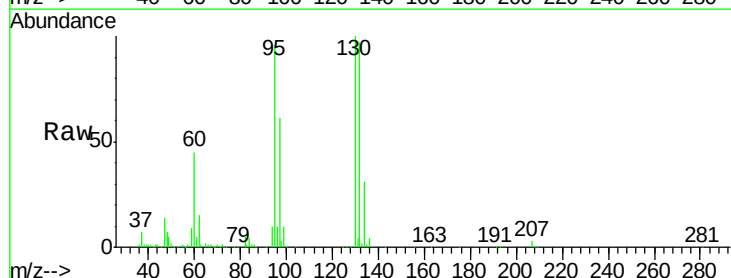
Acq: 29 Jan 2019 12:08

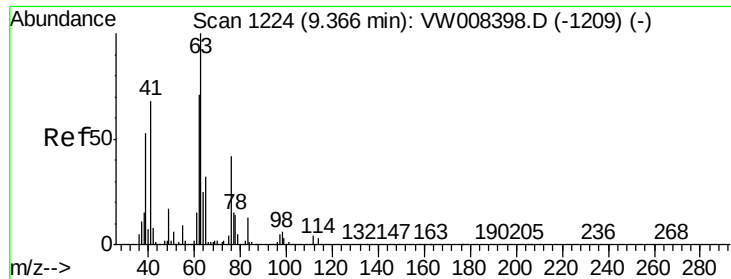
Tgt Ion: 130 Resp: 96512

Ion Ratio Lower Upper

130 100

95 96.0 0.0 191.6

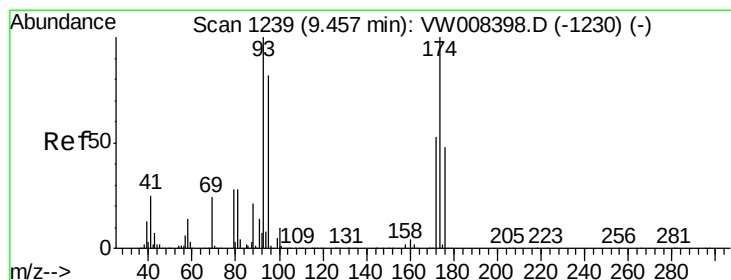
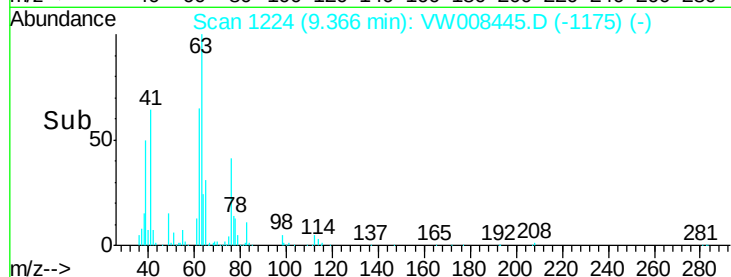
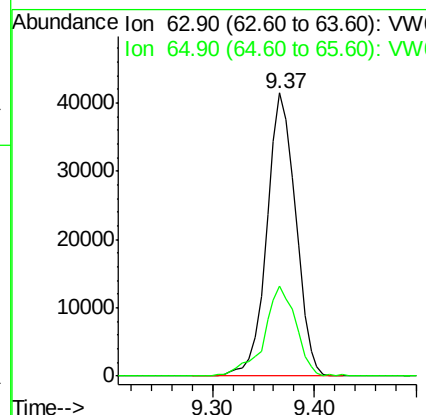
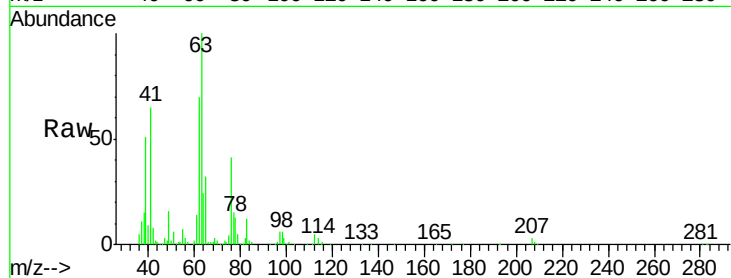




#45
 1,2-Dichloropropane
 Concen: 18.358 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

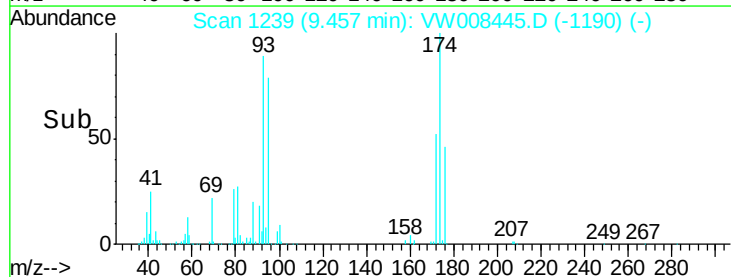
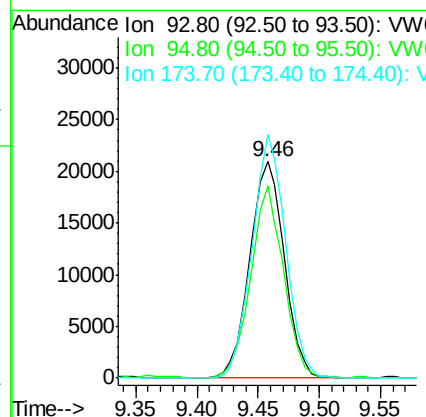
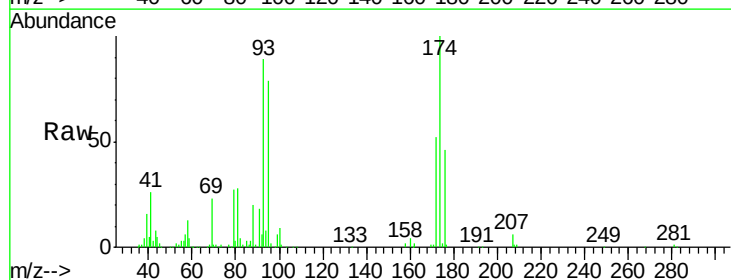
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

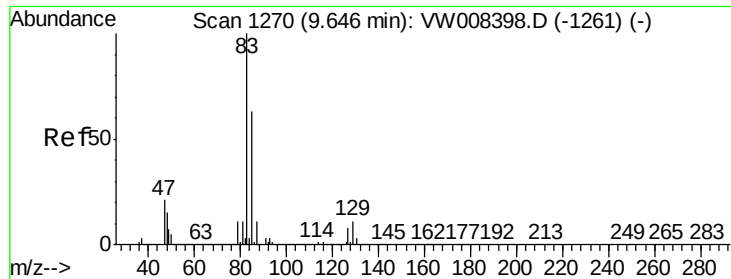
Tgt Ion: 63 Resp: 81624
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.2 37.8



#46
 Dibromomethane
 Concen: 18.036 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 93 Resp: 41245
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 109.5 81.0 121.6





#47

Bromodichloromethane

Concen: 18.224 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

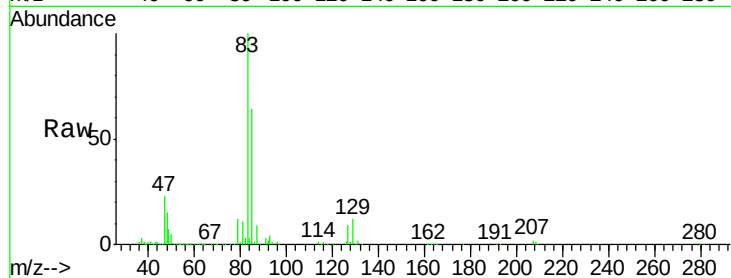
Tgt Ion: 83 Resp: 110231

Ion Ratio Lower Upper

83 100

85 64.3 50.8 76.2

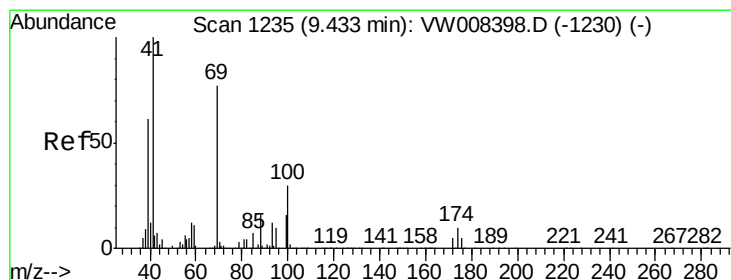
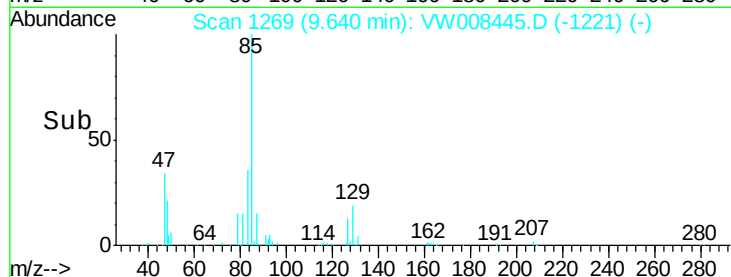
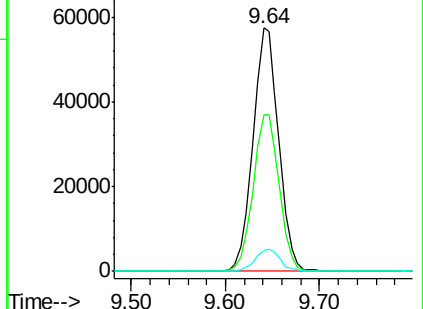
127 8.7 6.8 10.2



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: 16.329 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

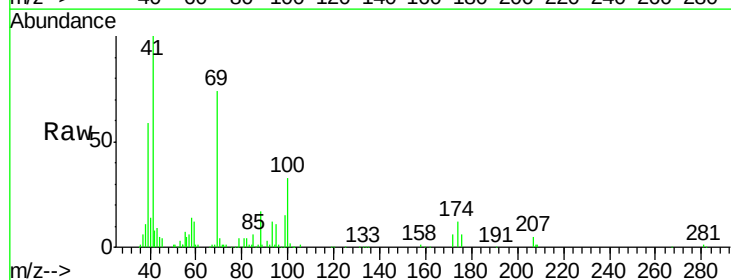
Tgt Ion: 41 Resp: 47162

Ion Ratio Lower Upper

41 100

69 84.5 64.8 97.2

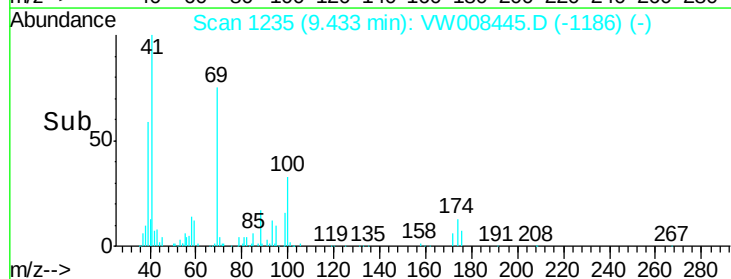
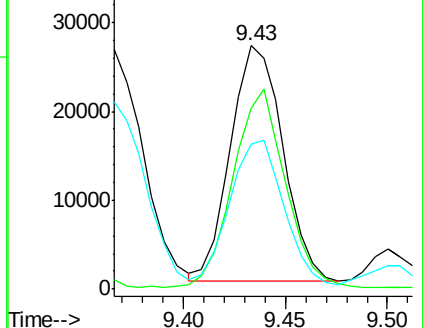
39 63.0 49.1 73.7

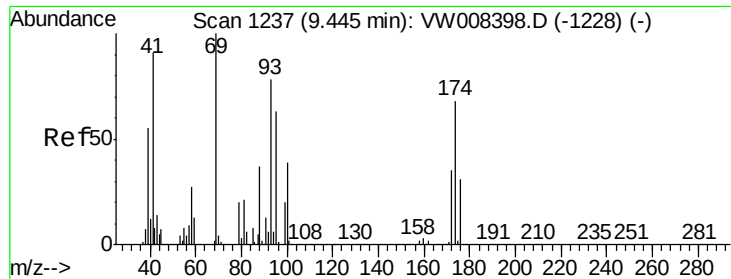


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

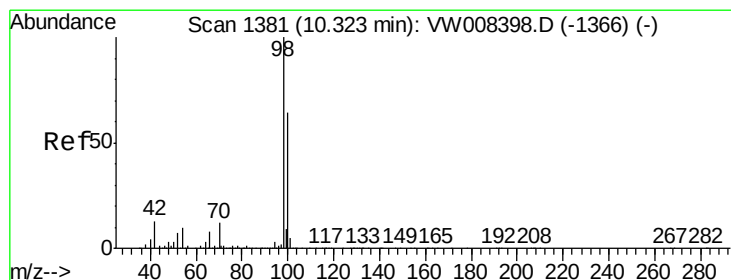
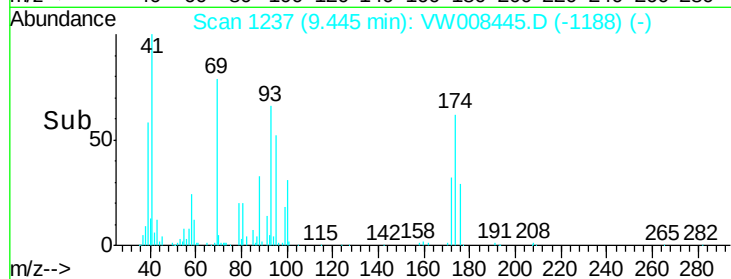
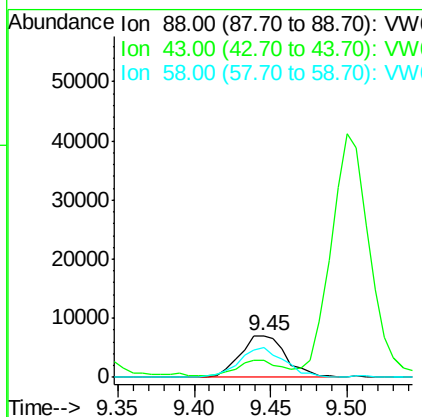
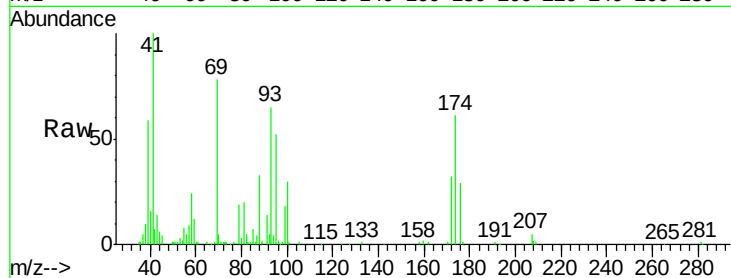




#49
1,4-Dioxane
Concen: 380.056 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

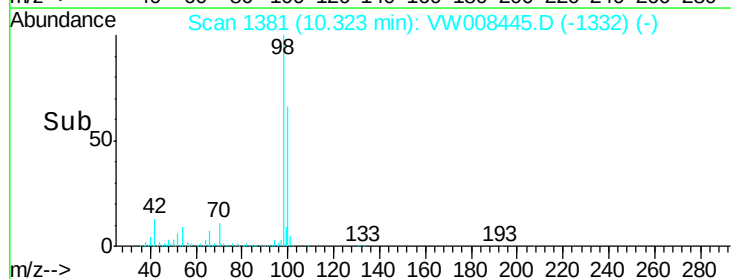
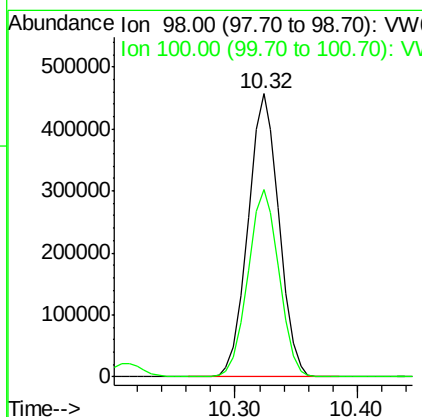
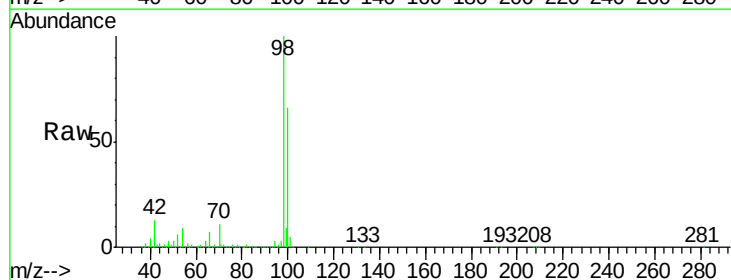
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

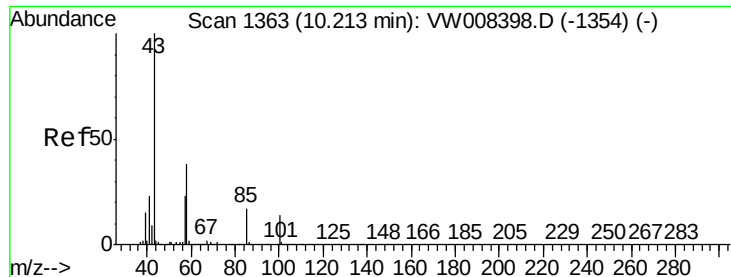
Tgt Ion: 88 Resp: 14691
Ion Ratio Lower Upper
88 100
43 34.7 29.0 43.4
58 70.3 56.4 84.6



#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 98 Resp: 802729
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

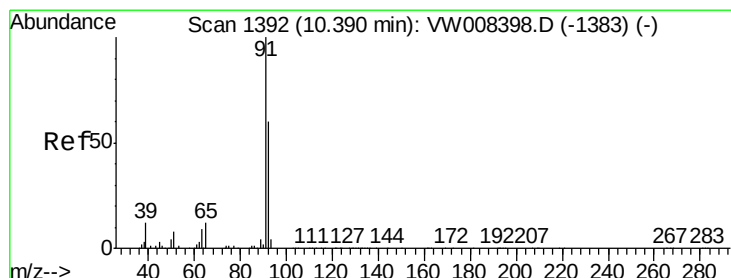
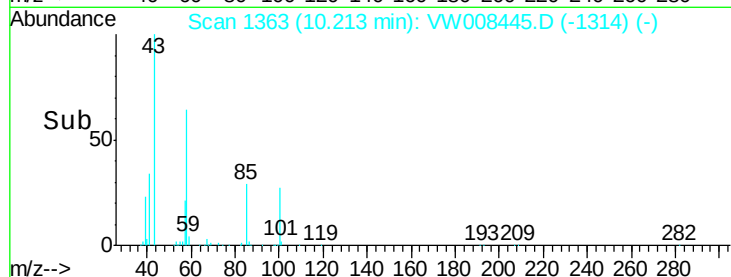
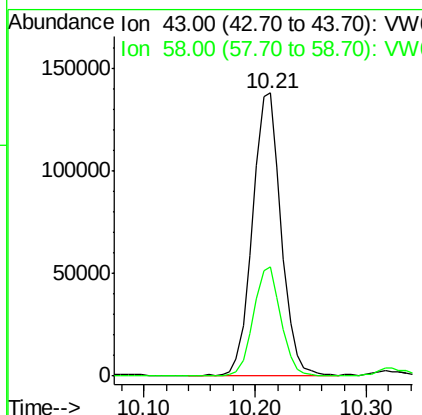
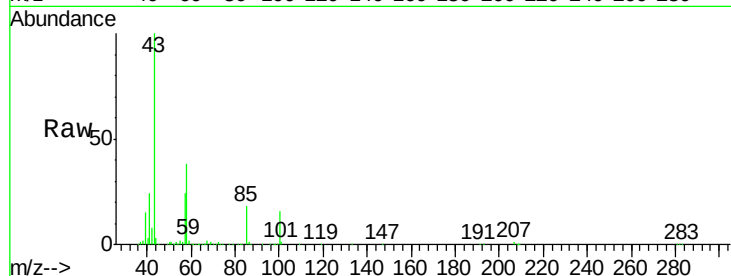




#51
4-Methyl-2-Pentanone
Concen: 84.161 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

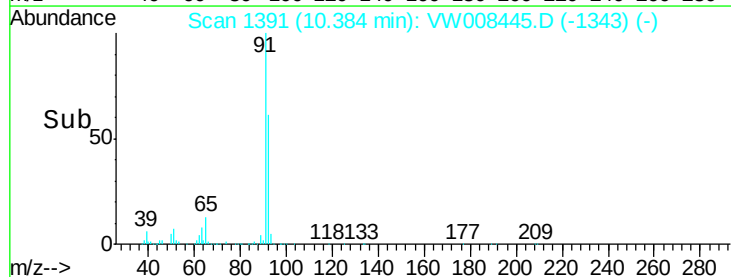
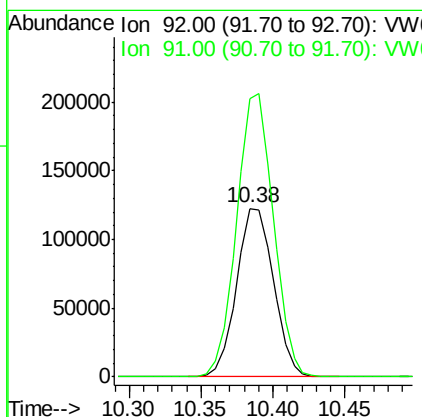
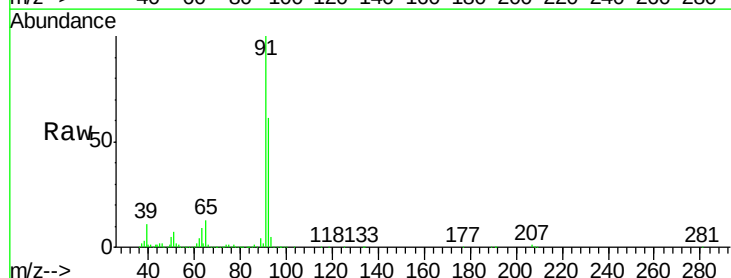
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

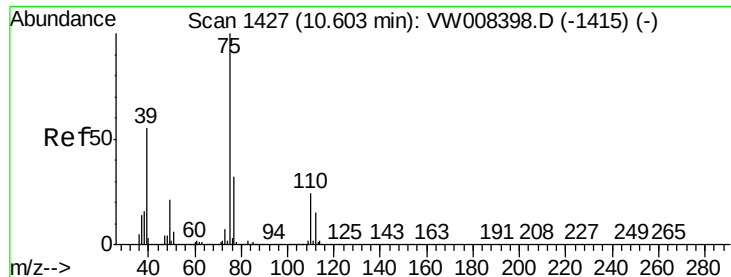
Tgt Ion: 43 Resp: 245591
Ion Ratio Lower Upper
43 100
58 37.5 29.7 44.5



#52
Toluene
Concen: 18.565 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 92 Resp: 218538
Ion Ratio Lower Upper
92 100
91 167.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.859 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

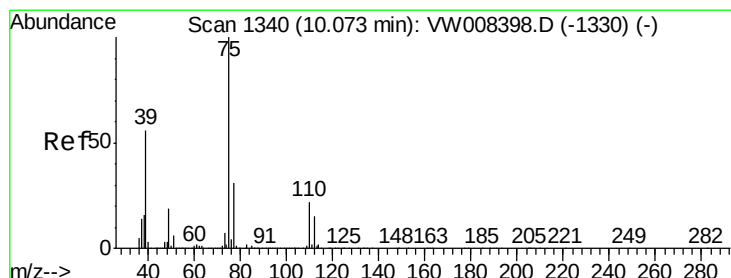
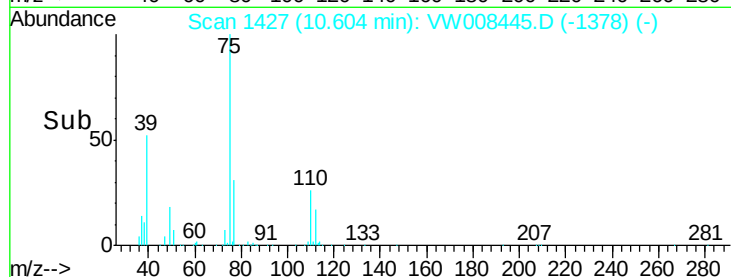
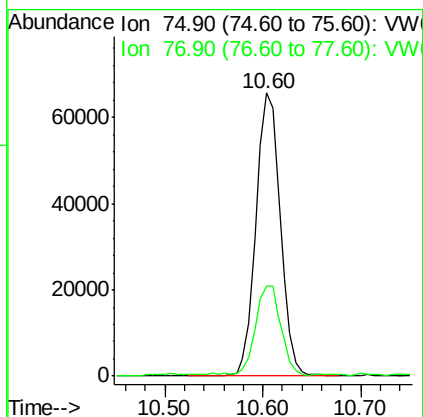
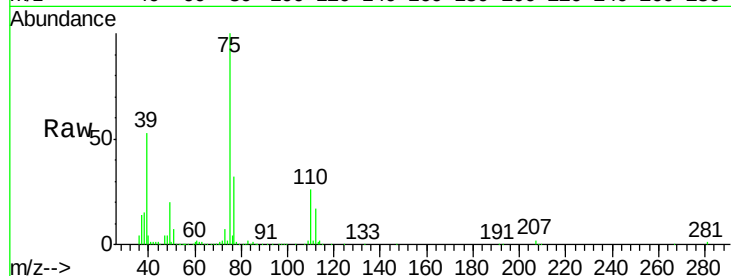
VW0129SBSD01

Tgt Ion: 75 Resp: 114947

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.412 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

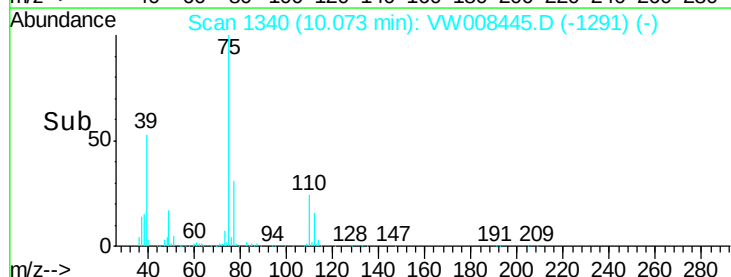
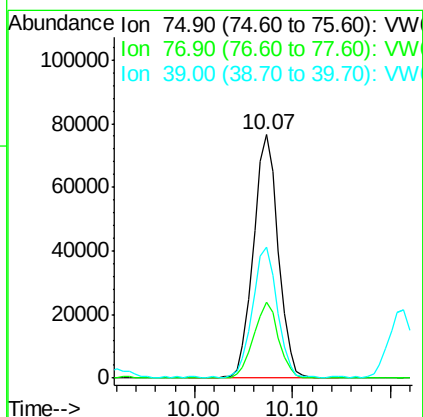
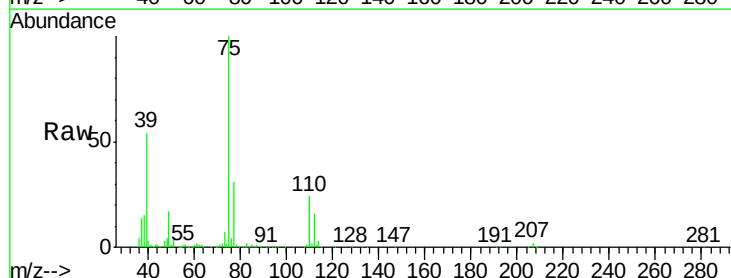
Tgt Ion: 75 Resp: 134487

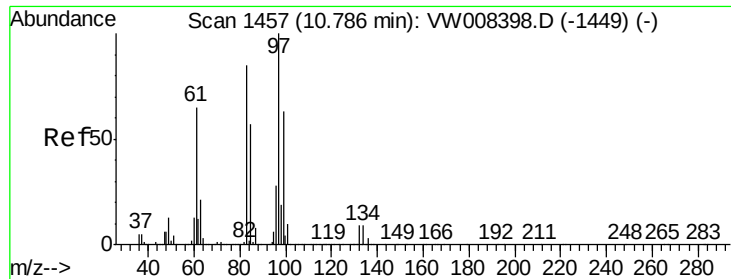
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 53.4 44.9 67.3

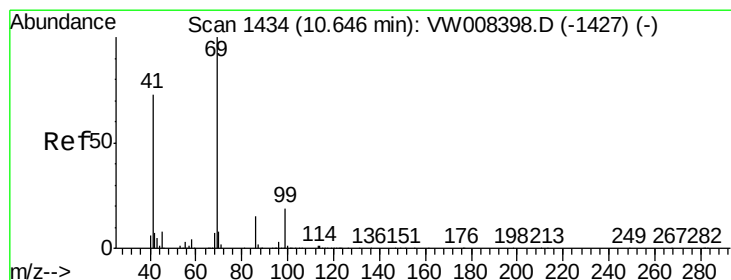
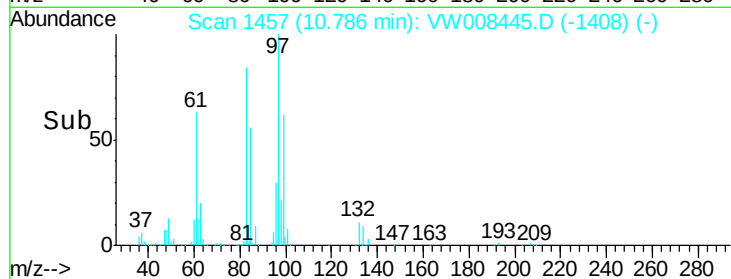
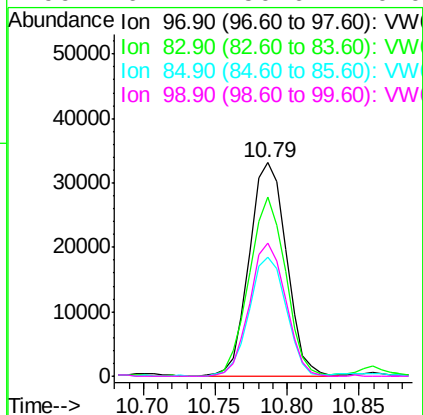
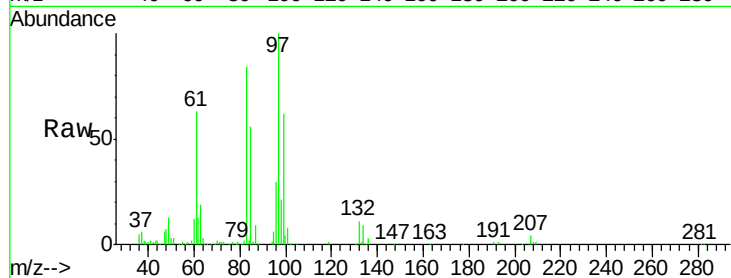




#55
 1,1,2-Trichloroethane
 Concen: 18.633 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

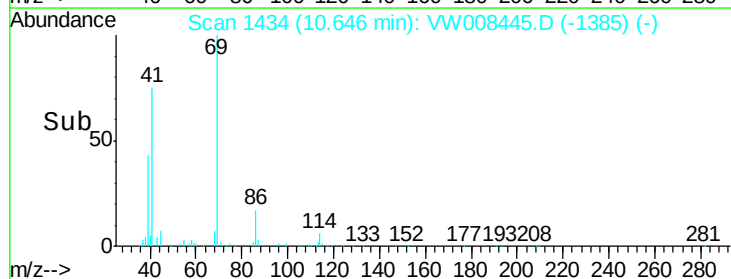
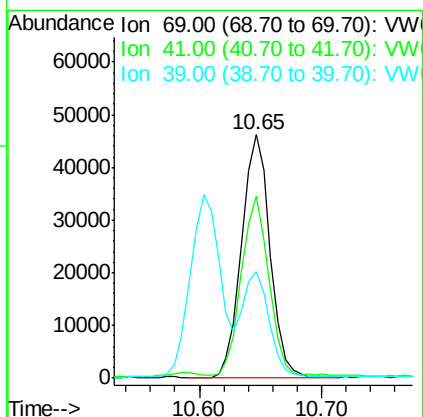
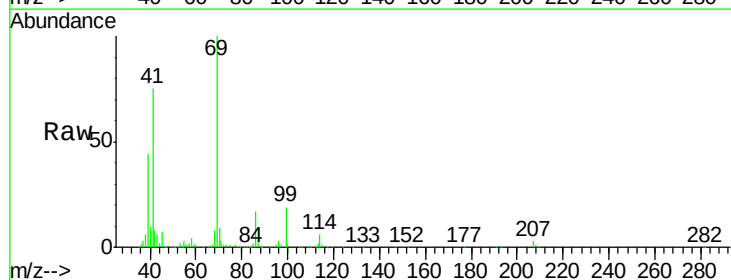
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

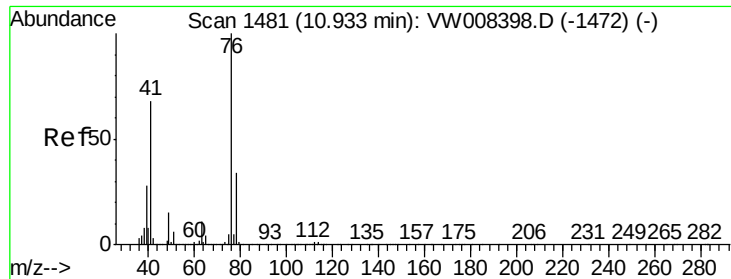
Tgt Ion:	97	Resp:	59104
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.4	102.6
85	55.7	45.3	67.9
99	62.1	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 16.765 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion:	69	Resp:	74513
Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.7	88.1
39	40.7	32.6	48.8

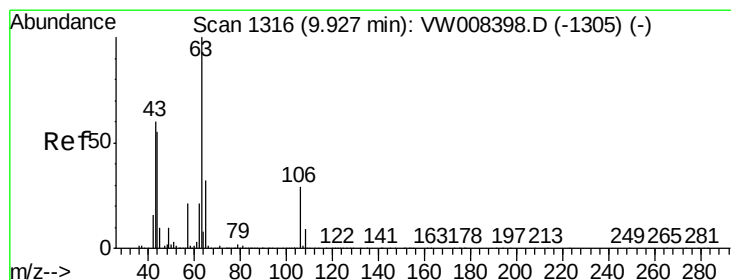
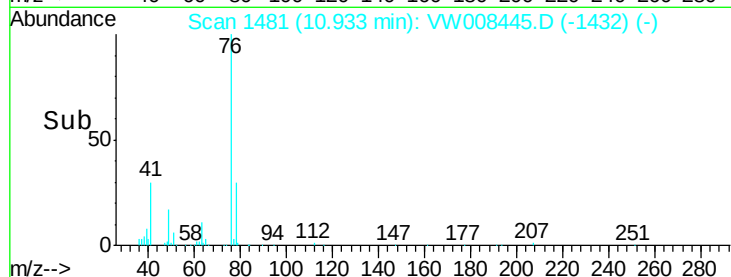
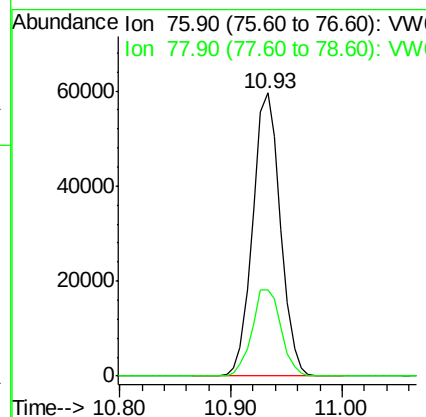
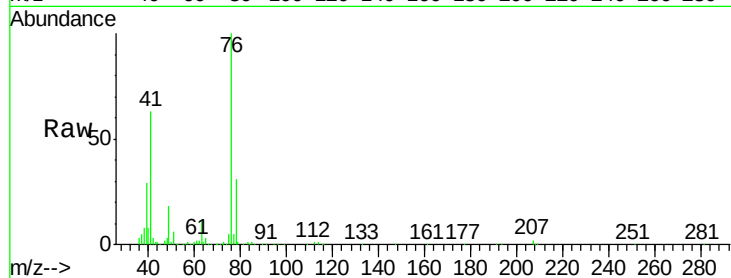




#57
 1,3-Dichloropropane
 Concen: 18.181 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

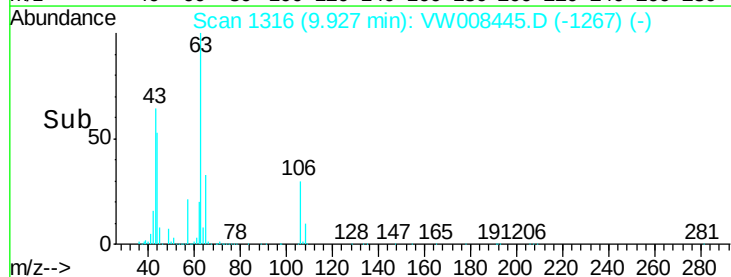
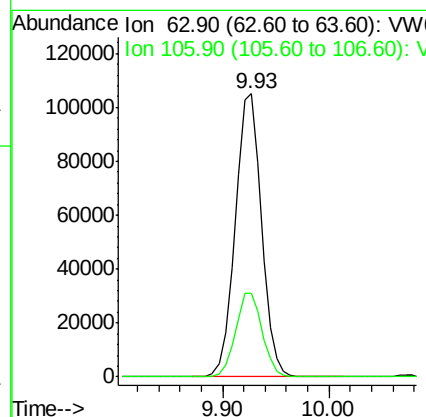
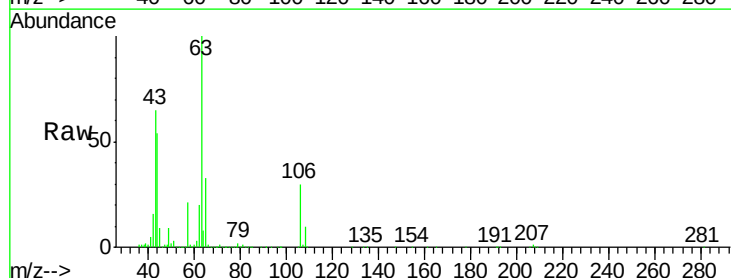
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

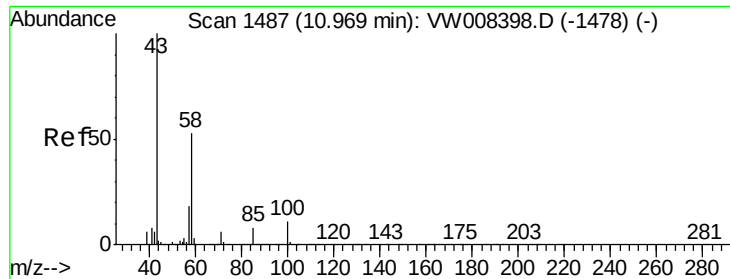
Tgt Ion: 76 Resp: 103318
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.285 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 63 Resp: 182016
 Ion Ratio Lower Upper
 63 100
 106 29.9 22.4 33.6

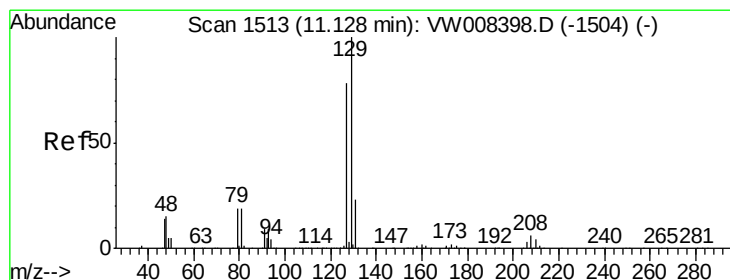
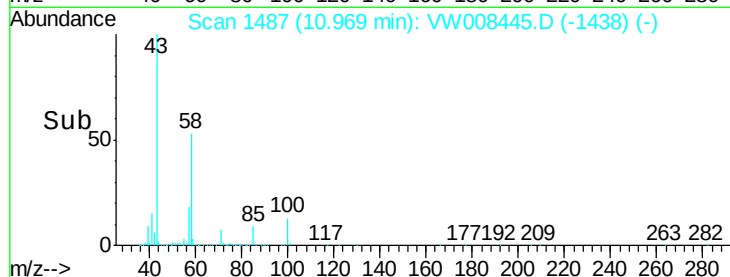
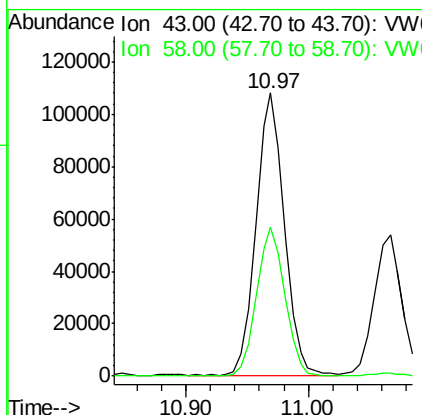
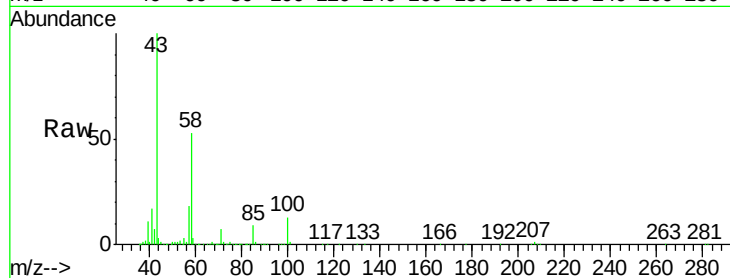




#59
2-Hexanone
Concen: 84.307 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

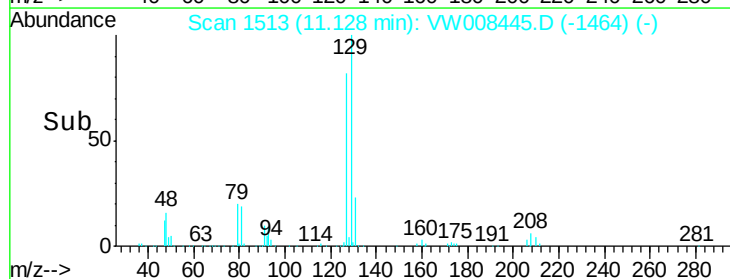
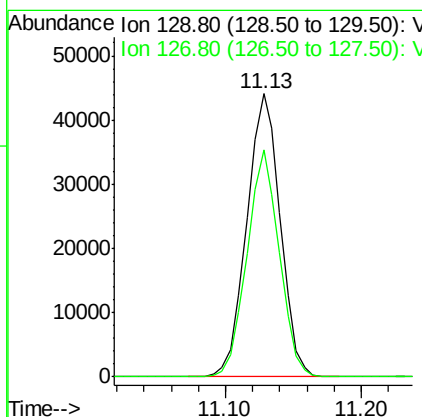
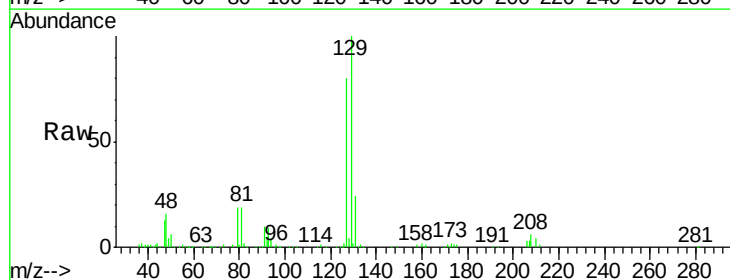
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

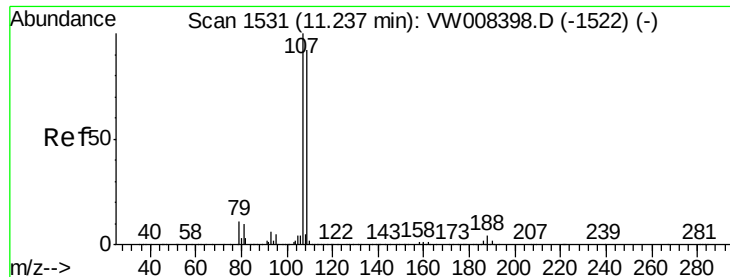
Tgt Ion: 43 Resp: 173679
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.7



#60
Dibromochloromethane
Concen: 18.633 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 129 Resp: 75953
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

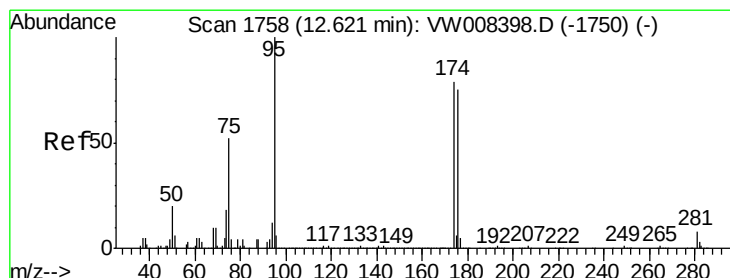
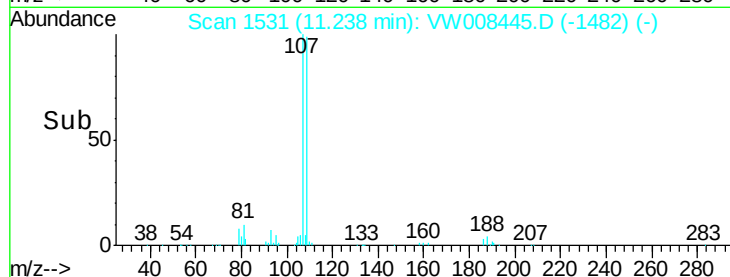
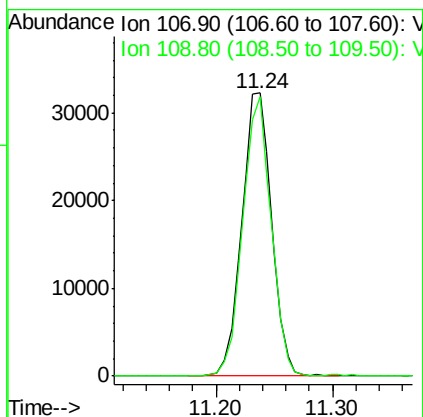
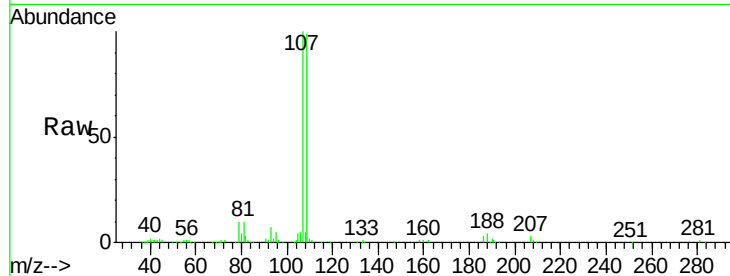




#61
 1,2-Dibromoethane
 Concen: 18.334 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

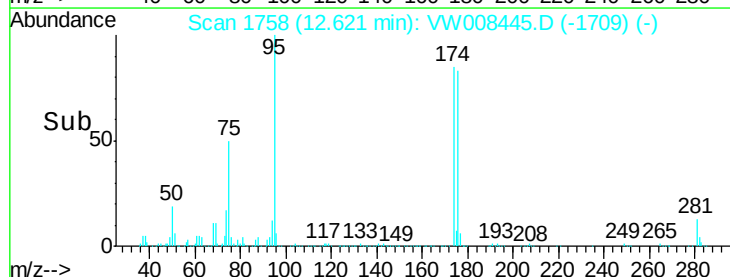
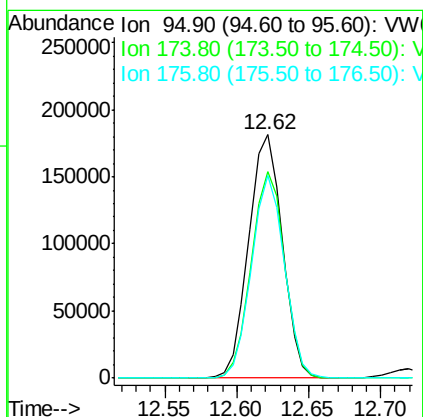
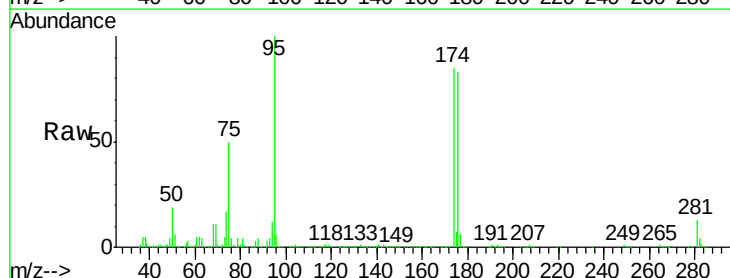
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

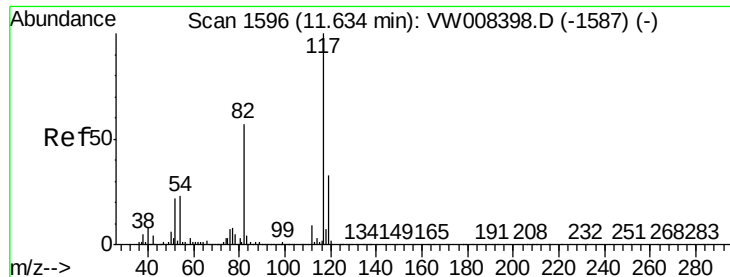
Tgt Ion: 107 Resp: 57663
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 47.746 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 95 Resp: 292762
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 157.6
 176 81.3 0.0 151.8

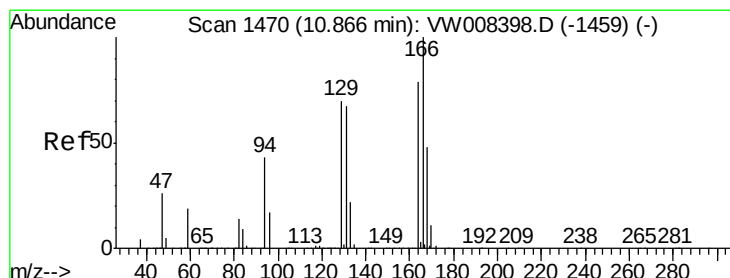
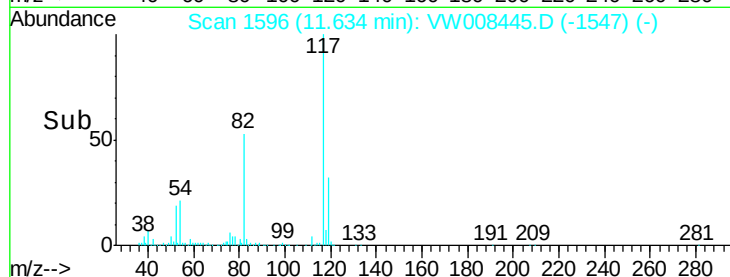
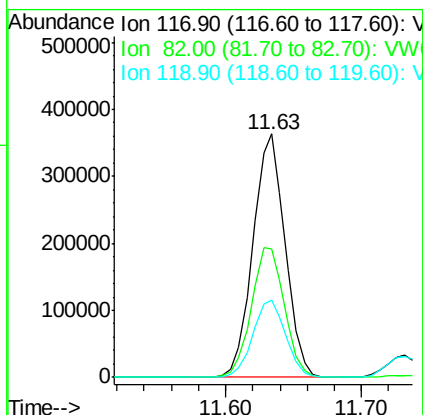
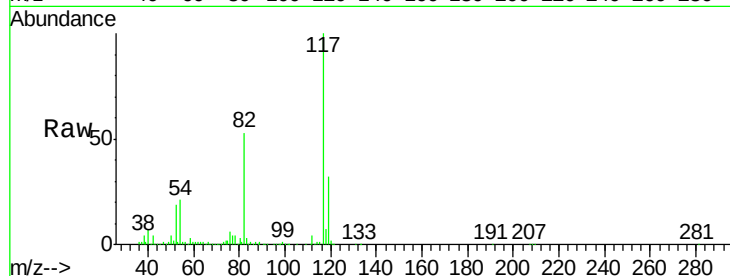




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

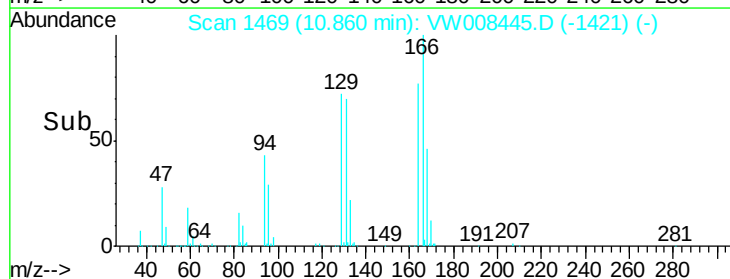
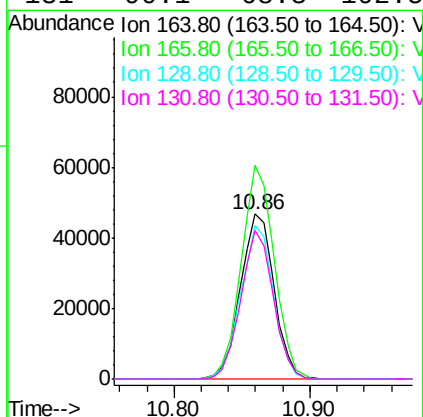
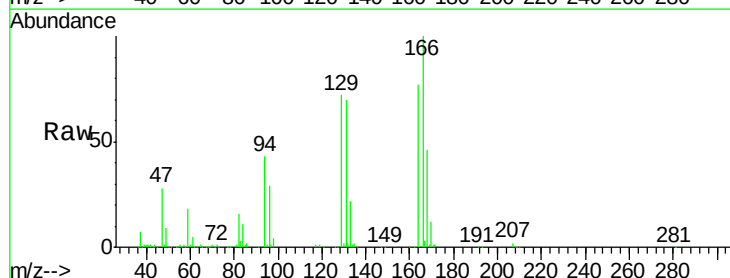
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

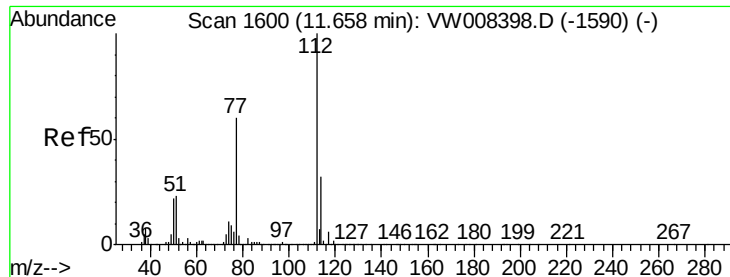
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.4	68.0
119	32.0	26.2	39.4



#64
Tetrachloroethene
Concen: 19.797 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.4	152.0
129	93.3	71.0	106.6
131	90.1	68.3	102.5





#65

Chlorobenzene

Concen: 19.367 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

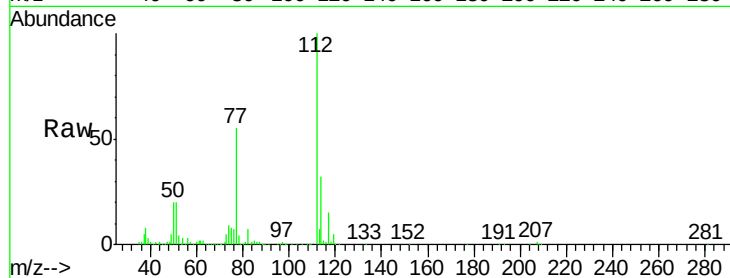
VW0129SBSD01

Tgt Ion:112 Resp: 237691

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

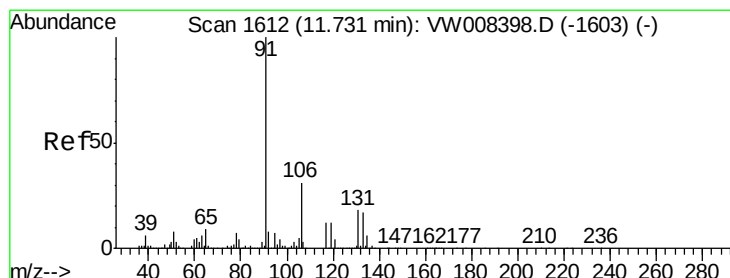
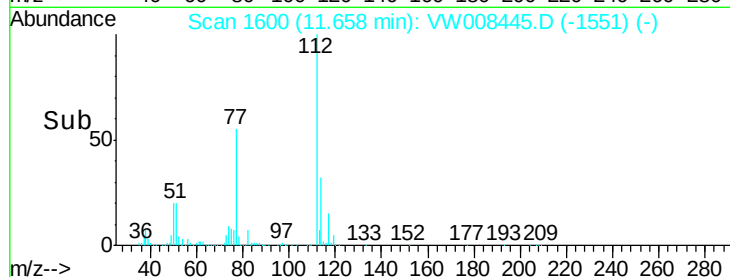
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.239 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

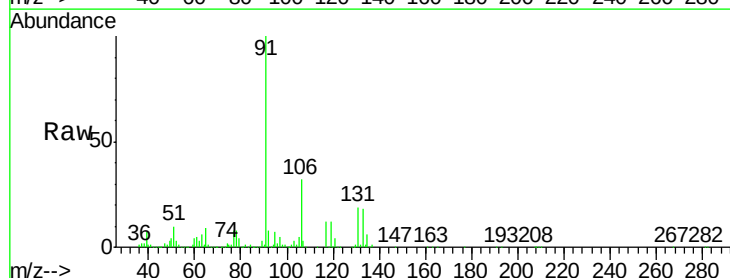
Tgt Ion:131 Resp: 84478

Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.2

119 64.7 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

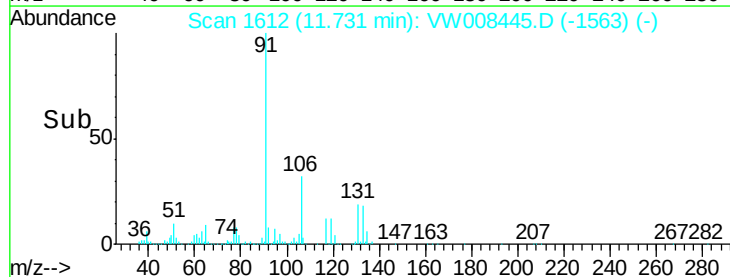
150000

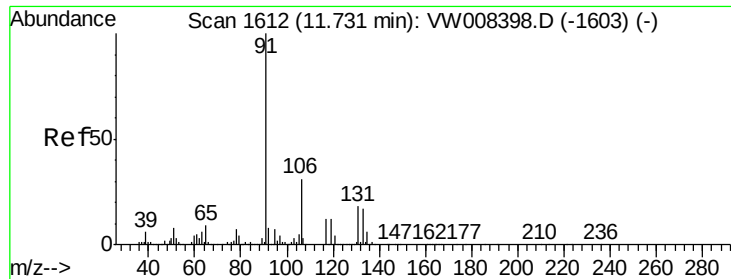
100000

50000

0

Time-->

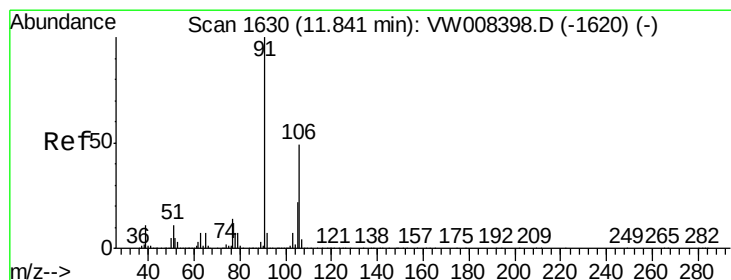
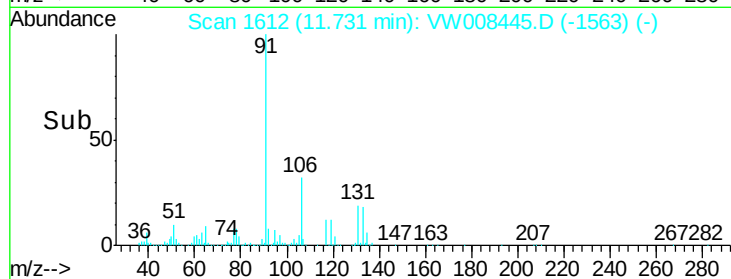
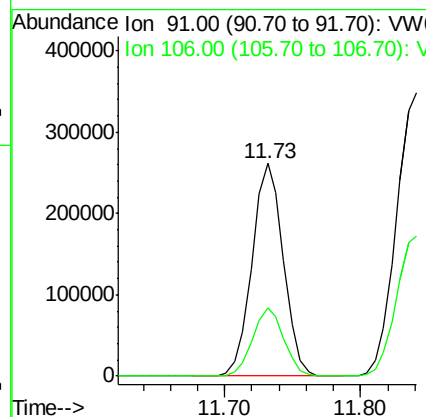
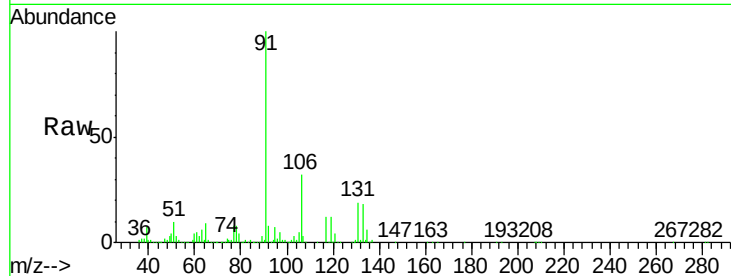




#67
Ethyl Benzene
Concen: 18.660 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

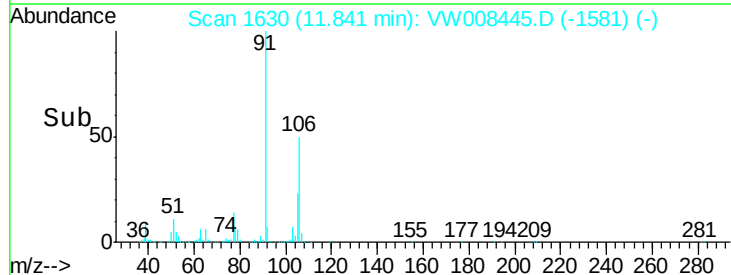
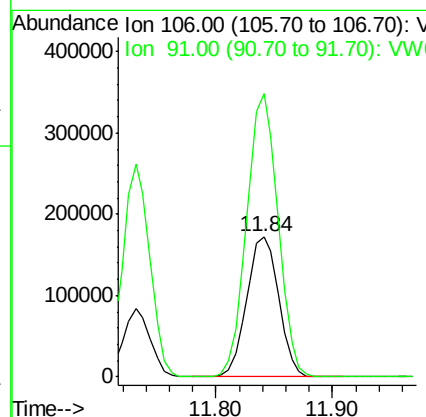
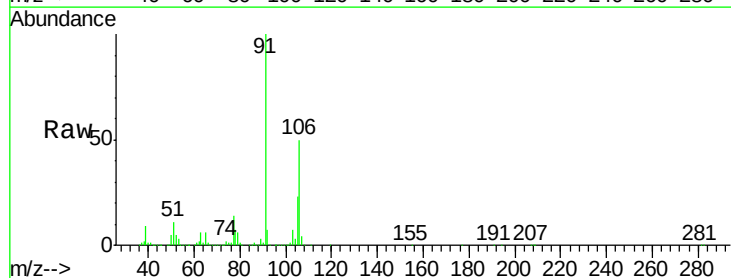
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

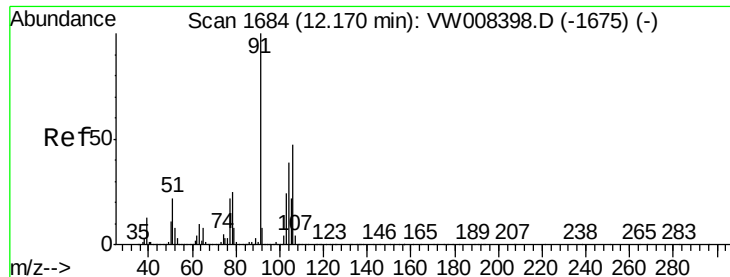
Tgt Ion: 91 Resp: 420969
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1



#68
m/p-Xylenes
Concen: 37.851 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 106 Resp: 331306
Ion Ratio Lower Upper
106 100
91 197.8 162.9 244.3

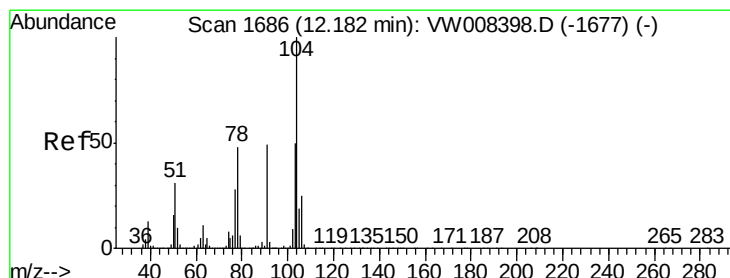
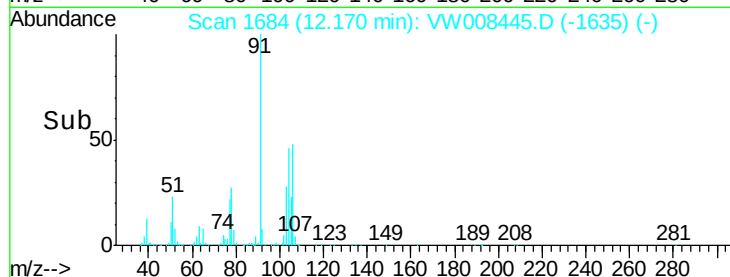
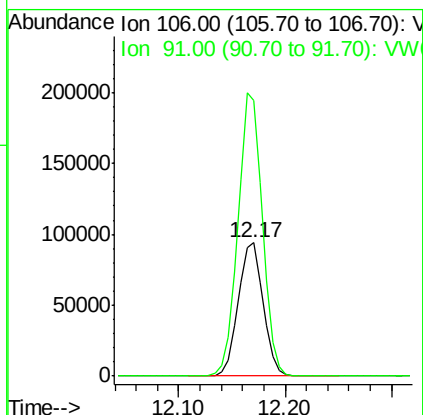
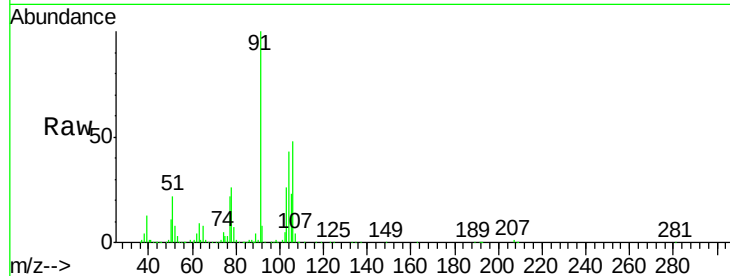




#69
o-Xylene
Concen: 18.622 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

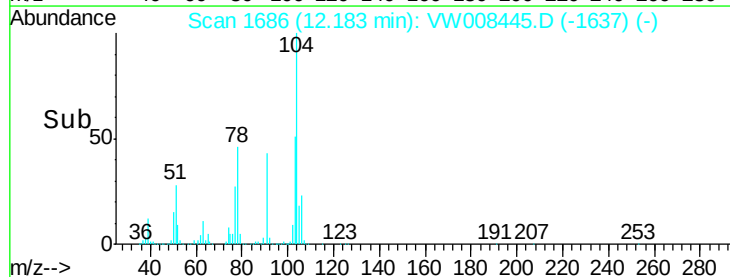
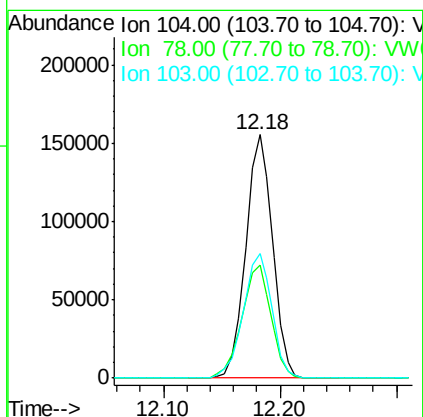
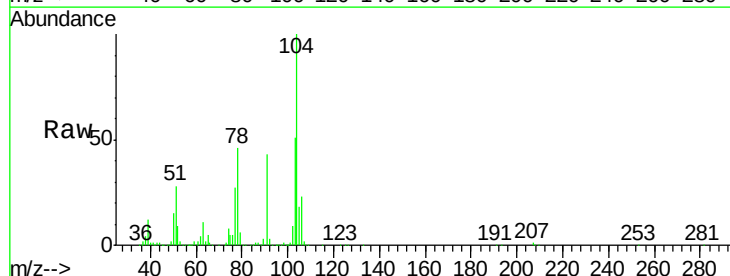
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

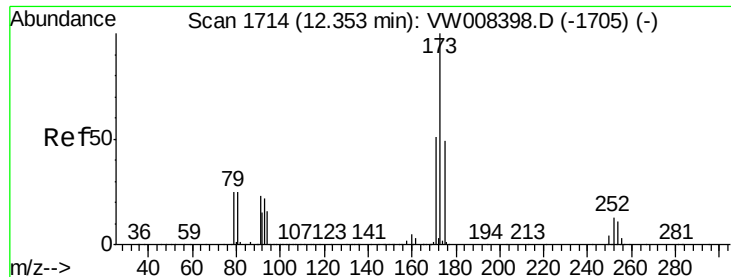
Tgt Ion:106 Resp: 154872
Ion Ratio Lower Upper
106 100
91 207.4 107.5 322.4



#70
Styrene
Concen: 18.194 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion:104 Resp: 249938
Ion Ratio Lower Upper
104 100
78 50.7 42.4 63.6
103 55.0 43.4 65.0





#71

Bromoform

Concen: 18.346 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

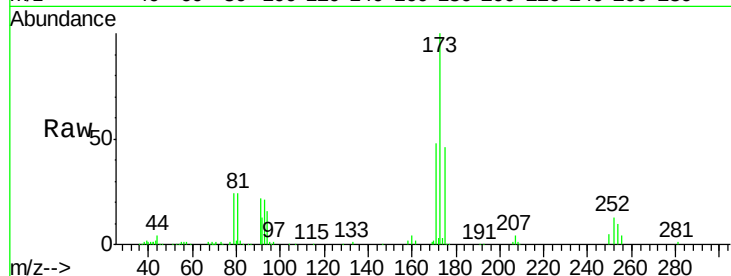
Tgt Ion:173 Resp: 45326

Ion Ratio Lower Upper

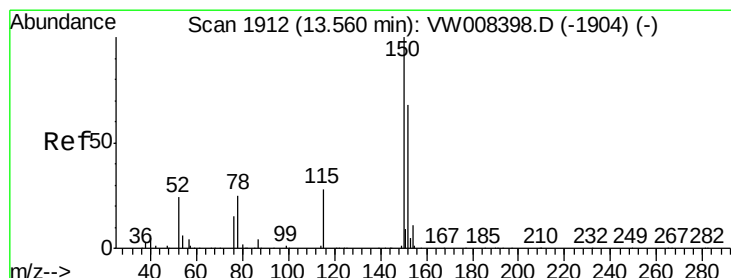
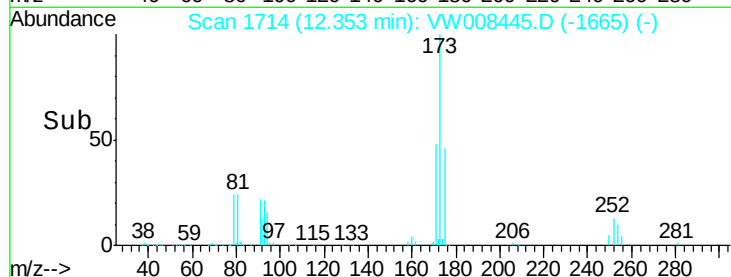
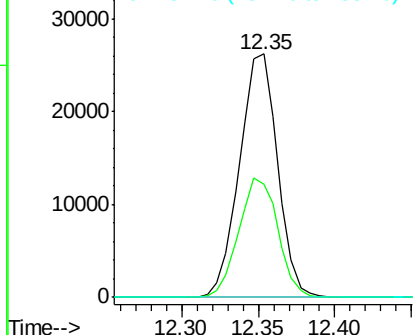
173 100

175 50.3 24.4 73.4

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

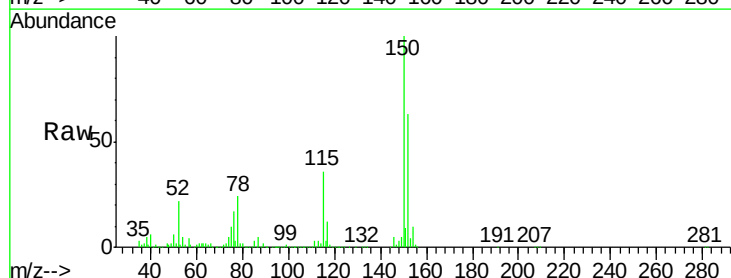
Tgt Ion:152 Resp: 304961

Ion Ratio Lower Upper

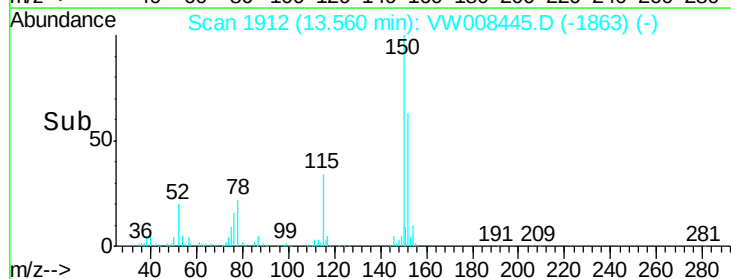
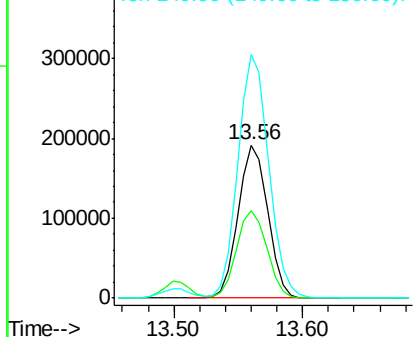
152 100

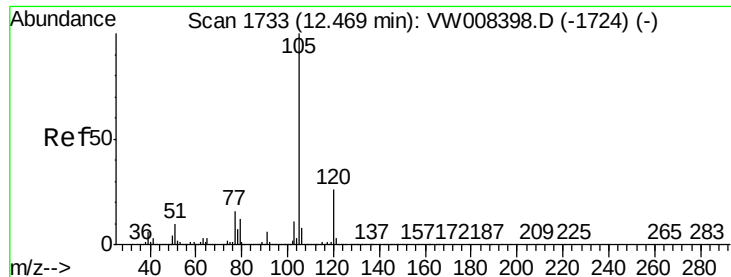
115 58.3 29.9 89.7

150 165.7 0.0 351.4



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





#73

Isopropylbenzene

Concen: 18.775 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

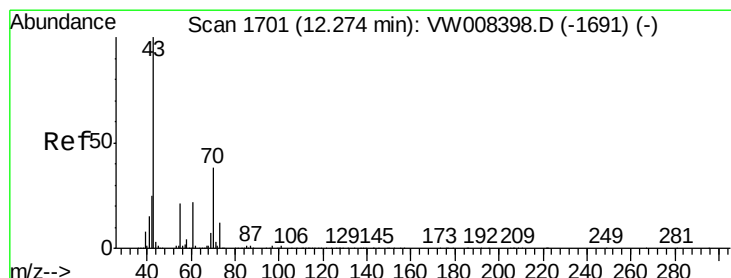
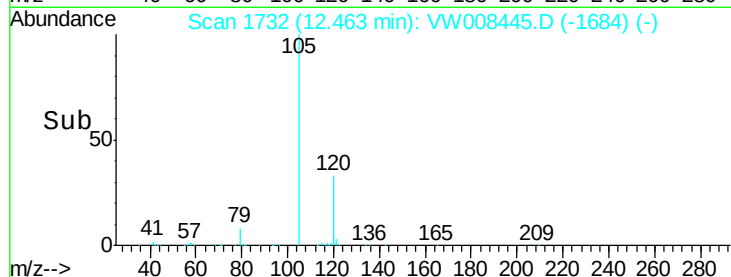
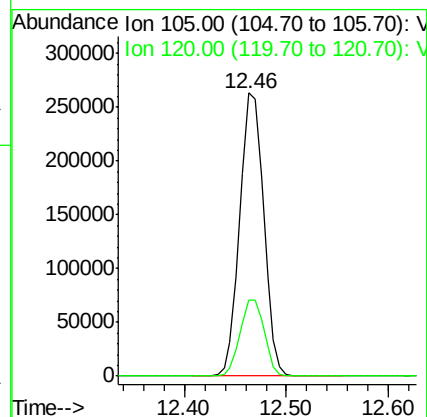
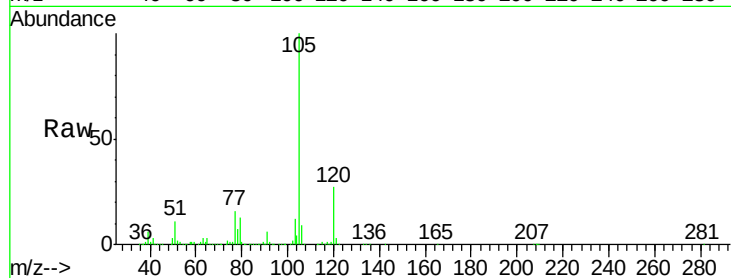
VW0129SBSD01

Tgt Ion: 105 Resp: 426850

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8



#74

N-ethyl acetate

Concen: 16.728 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion: 43 Resp: 97977

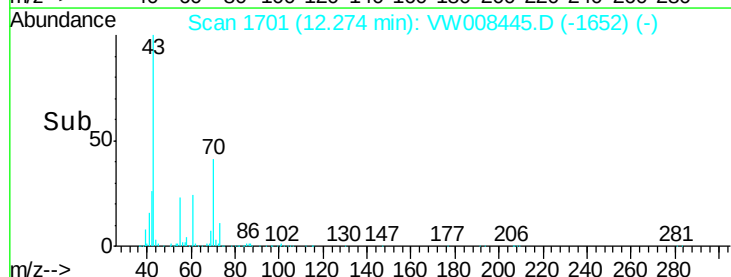
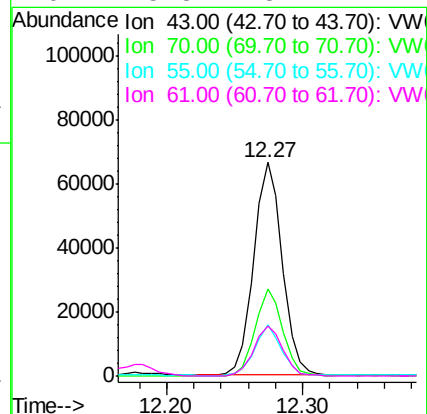
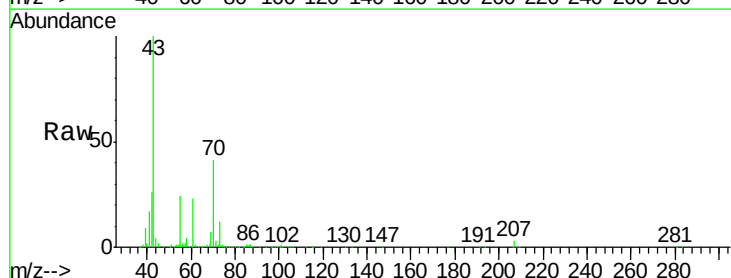
Ion Ratio Lower Upper

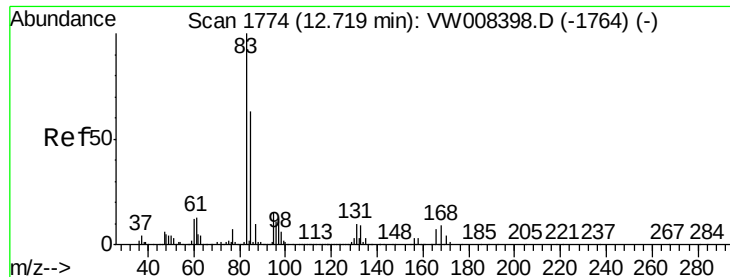
43 100

70 39.8 31.0 46.6

55 22.2 17.4 26.2

61 23.8 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.165 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

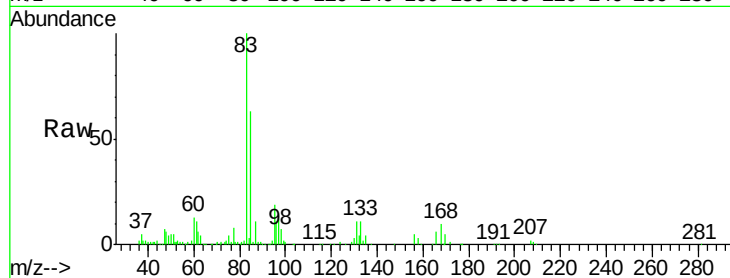
Tgt Ion: 83 Resp: 65384

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

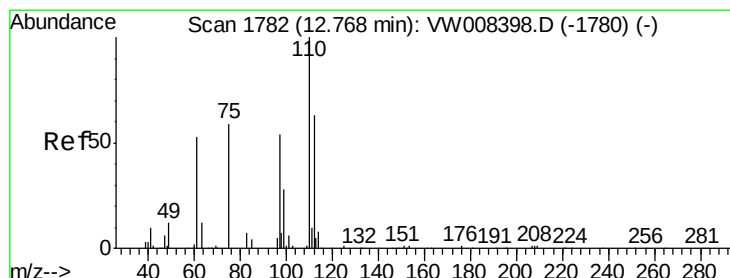
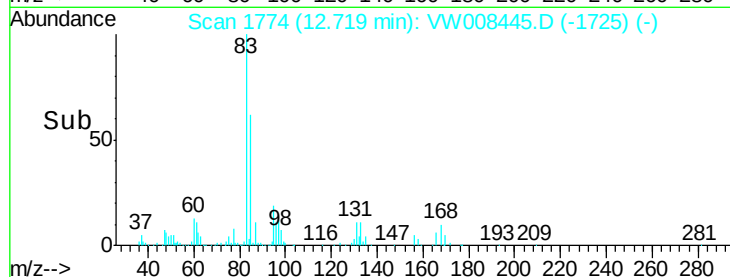
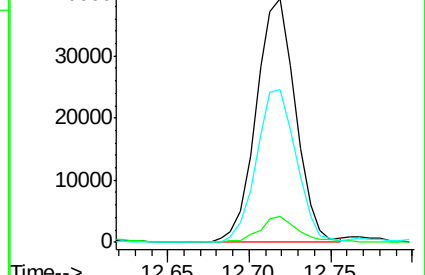
85 63.6 31.9 95.5



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: 34.973 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008445.D

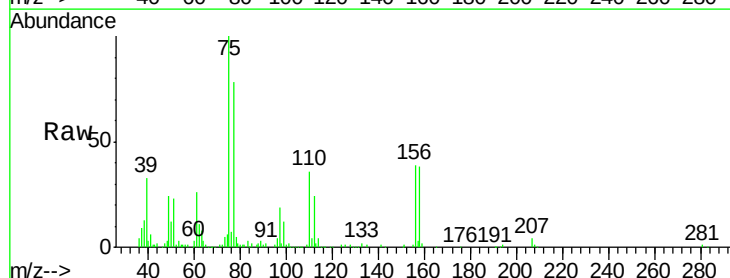
Acq: 29 Jan 2019 12:08

Tgt Ion: 75 Resp: 92729

Ion Ratio Lower Upper

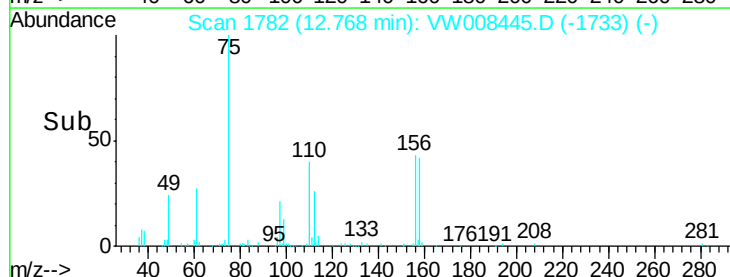
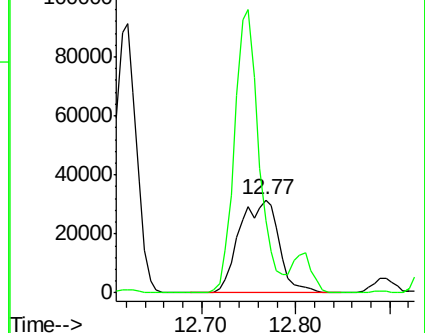
75 100

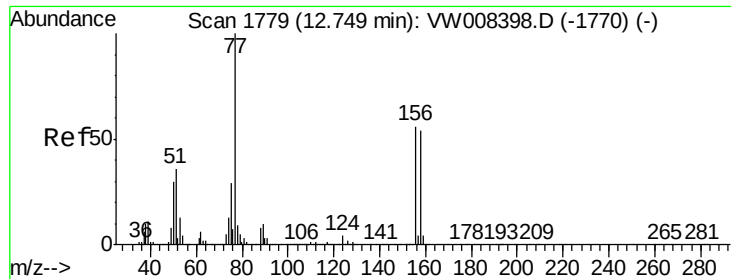
77 187.3 180.7 542.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.761 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

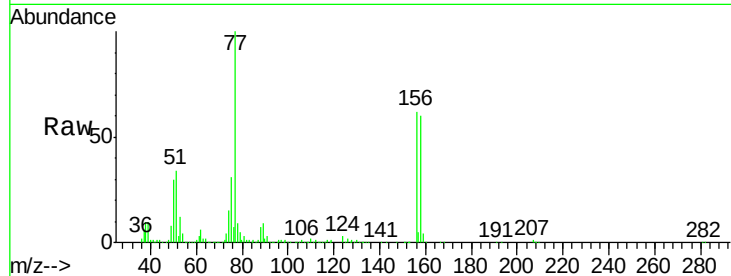
Tgt Ion:156 Resp: 98116

Ion Ratio Lower Upper

156 100

77 177.0 96.9 290.7

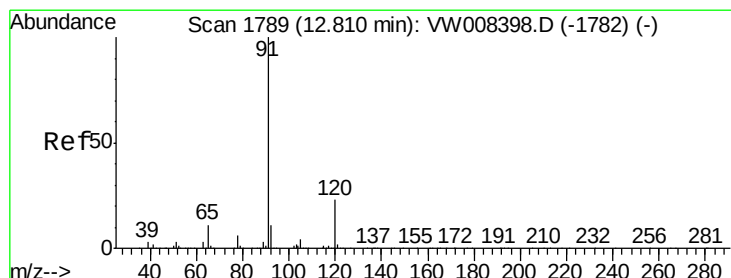
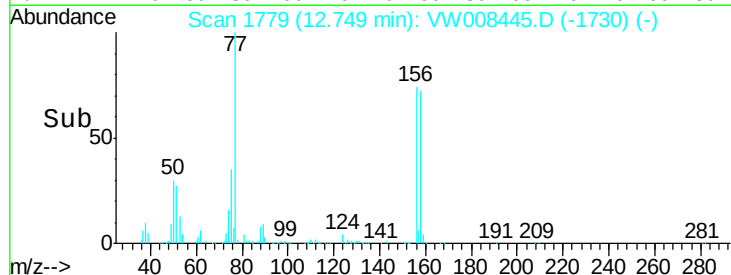
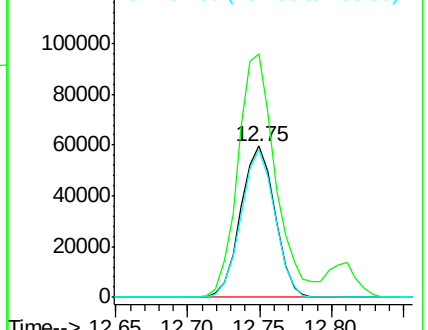
158 96.0 48.8 146.4



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: 18.696 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008445.D

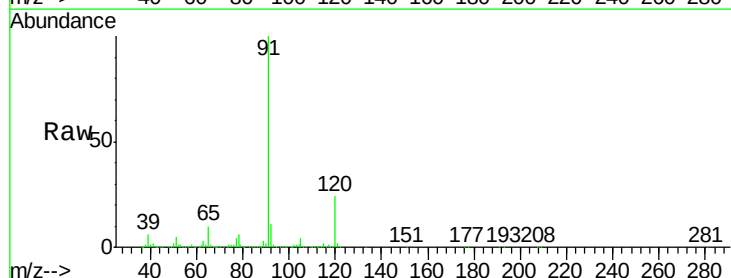
Acq: 29 Jan 2019 12:08

Tgt Ion: 91 Resp: 510533

Ion Ratio Lower Upper

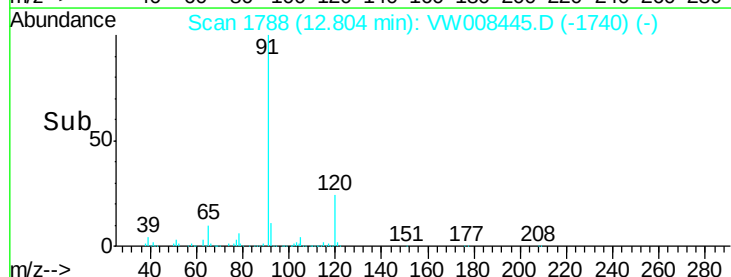
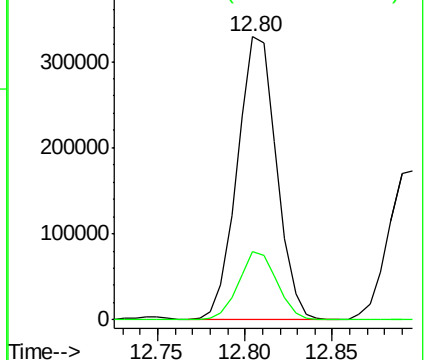
91 100

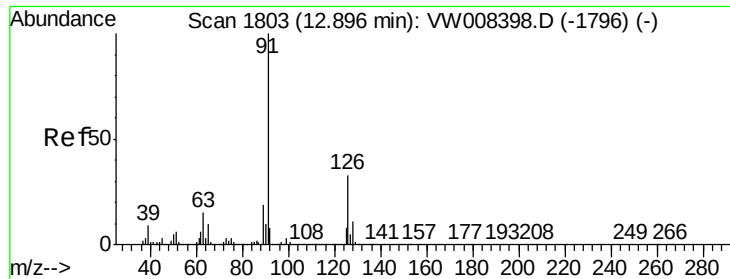
120 23.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

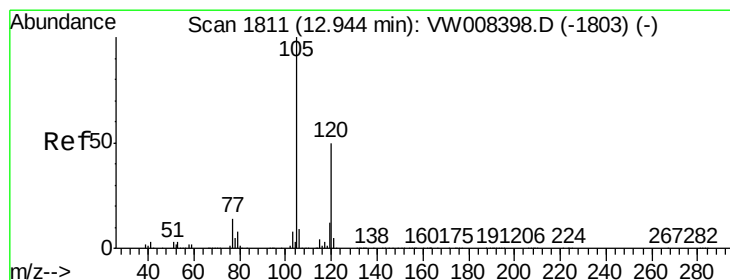
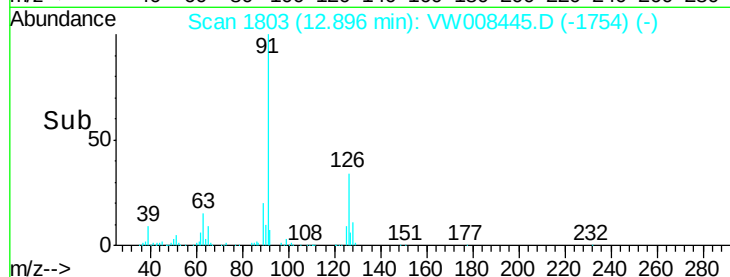
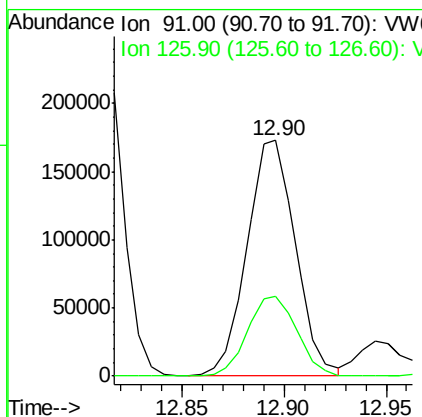
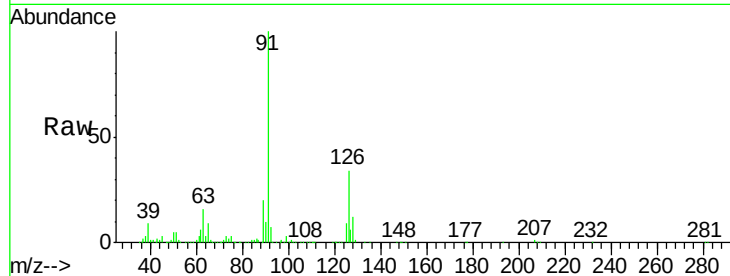




#79
 2-Chlorotoluene
 Concen: 18.509 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

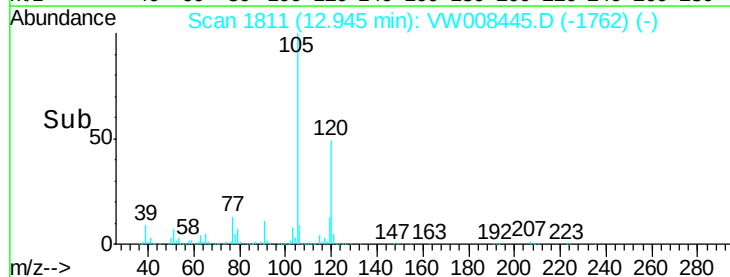
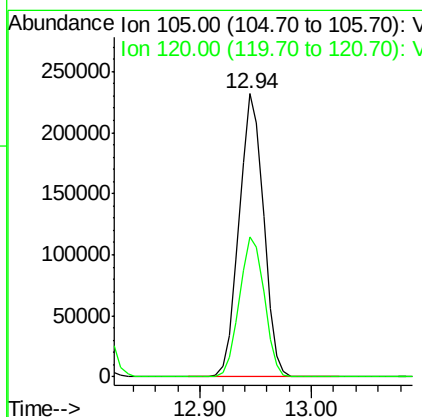
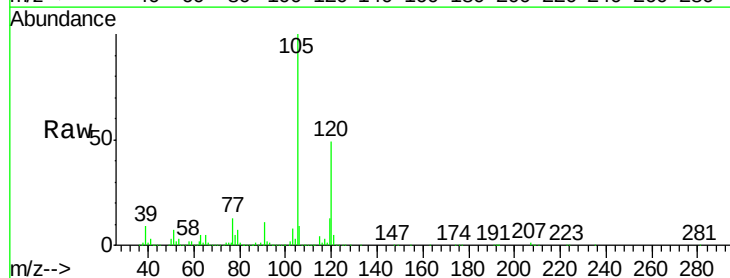
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

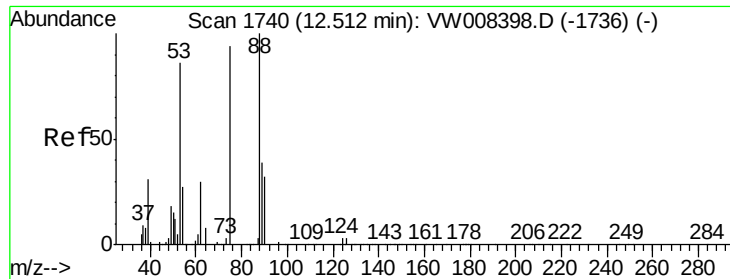
Tgt Ion: 91 Resp: 285204
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.668 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 105 Resp: 354742
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.805 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

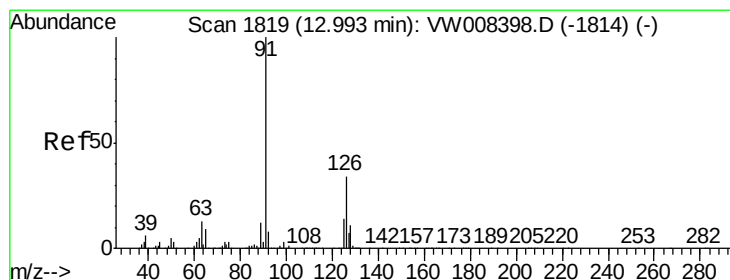
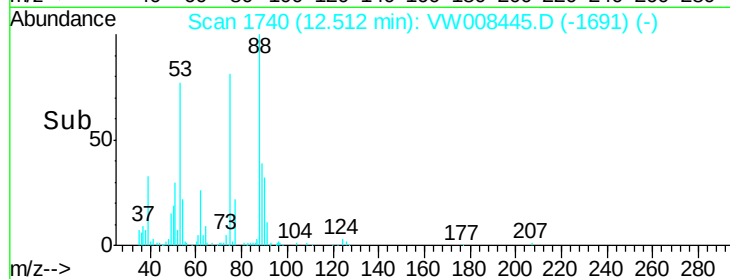
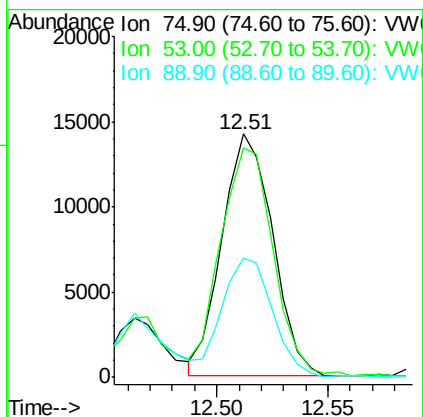
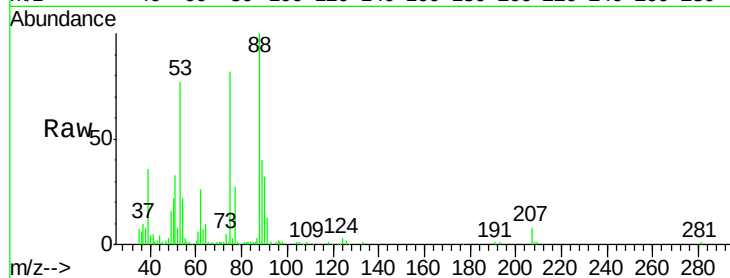
Tgt Ion: 75 Resp: 22560

Ion Ratio Lower Upper

75 100

53 98.1 76.0 114.0

89 48.7 35.4 53.0



#82

4-Chlorotoluene

Concen: 18.211 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008445.D

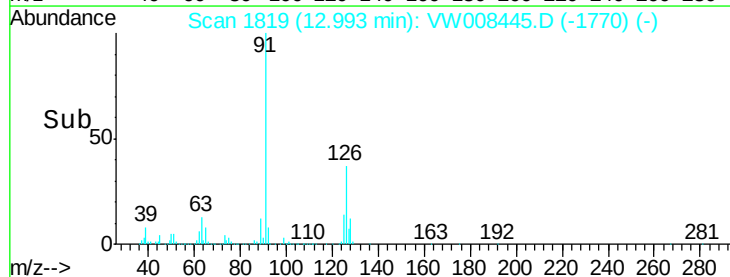
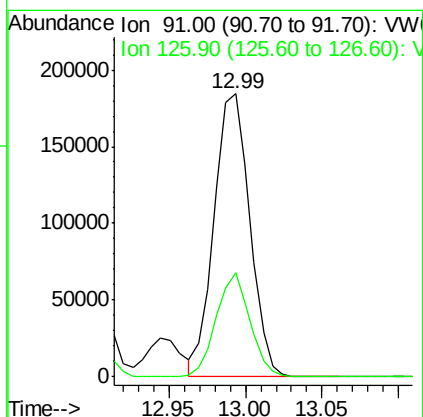
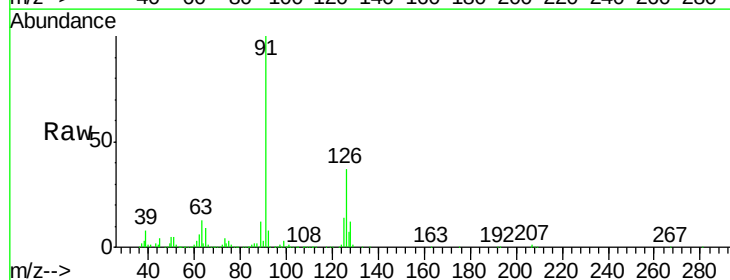
Acq: 29 Jan 2019 12:08

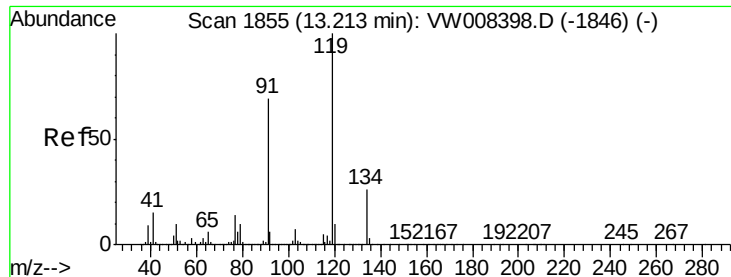
Tgt Ion: 91 Resp: 298761

Ion Ratio Lower Upper

91 100

126 34.8 16.4 49.2

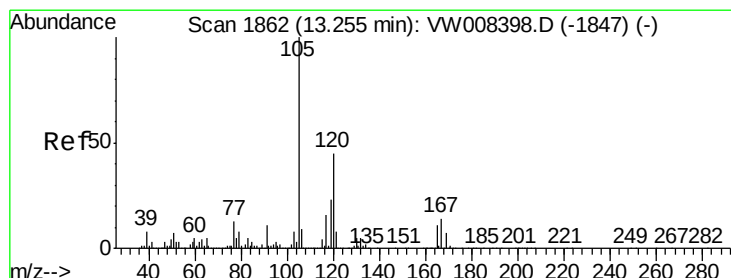
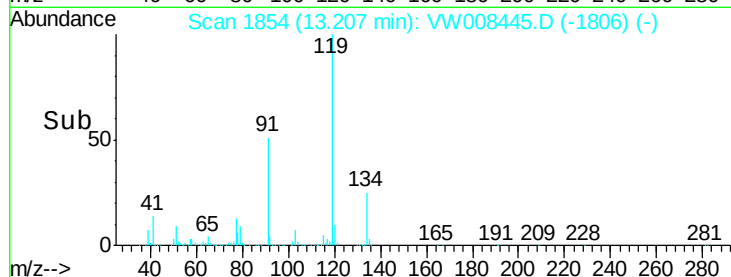
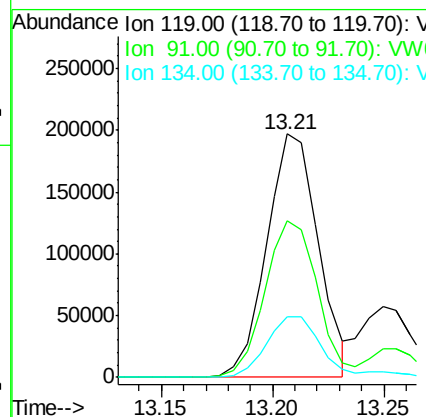
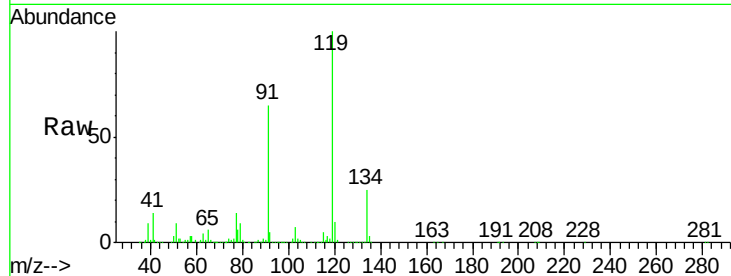




#83
tert-Butylbenzene
Concen: 18.664 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

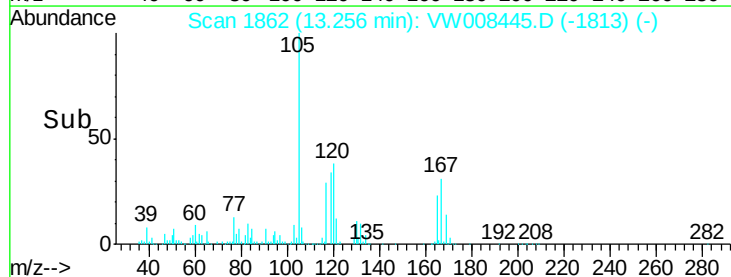
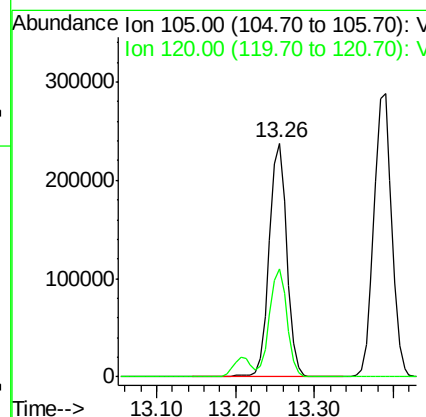
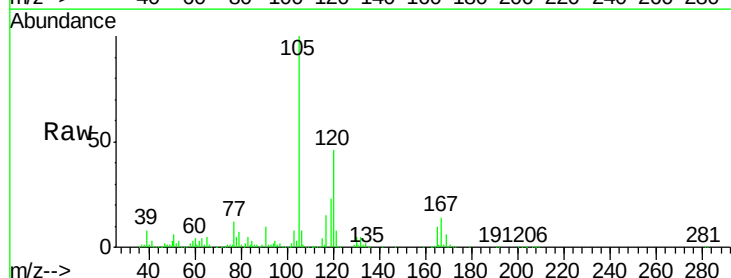
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

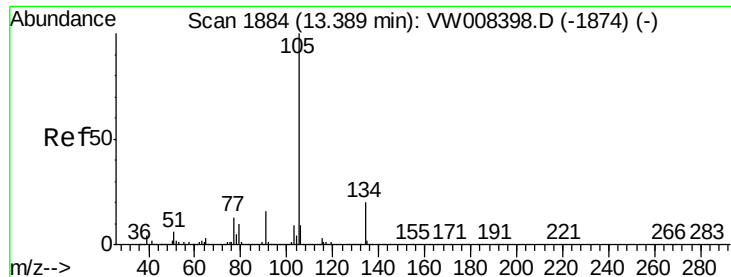
Tgt Ion:119 Resp: 315620
Ion Ratio Lower Upper
119 100
91 65.8 33.8 101.4
134 27.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 19.090 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion:105 Resp: 368721
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.861 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

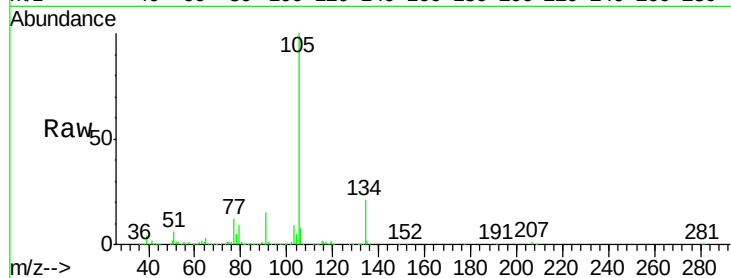
VW0129SBSD01

Tgt Ion:105 Resp: 455505

Ion Ratio Lower Upper

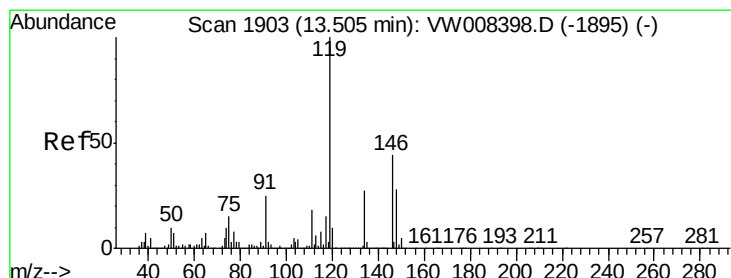
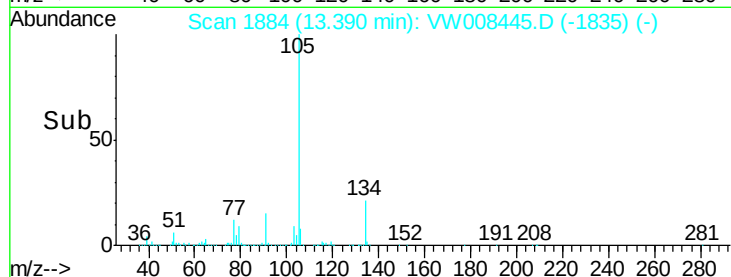
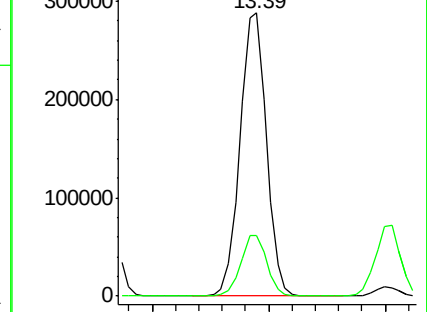
105 100

134 21.2 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.083 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

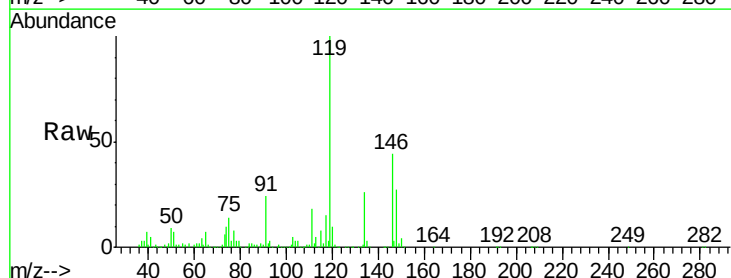
Tgt Ion:119 Resp: 403690

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

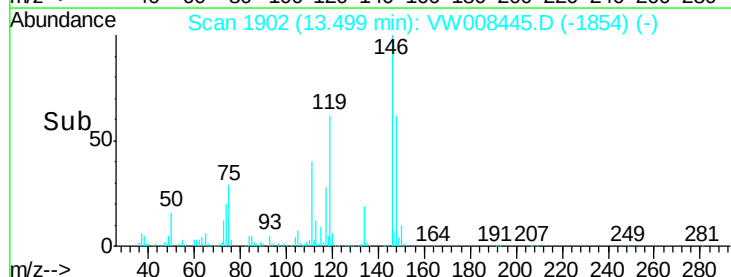
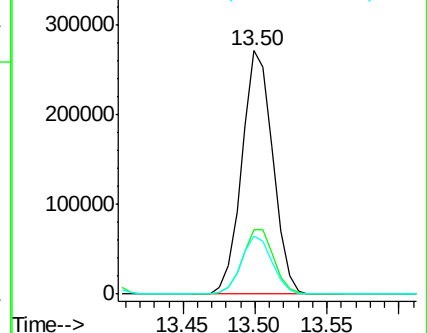
91 23.7 12.6 37.6

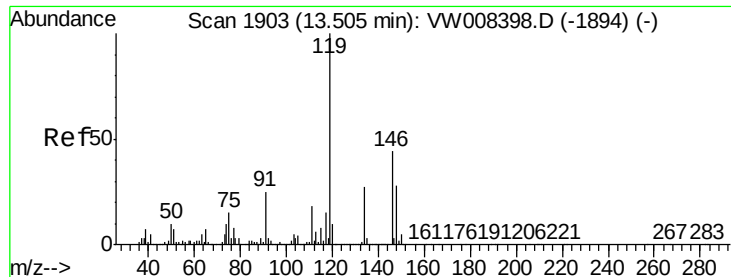


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

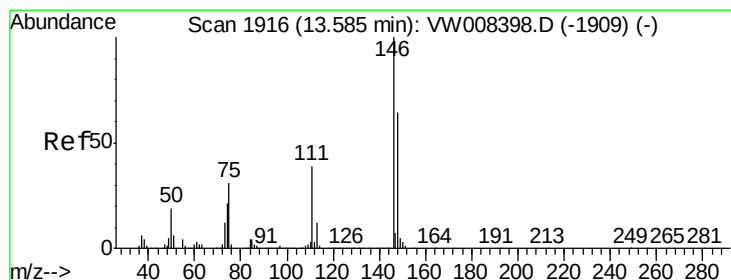
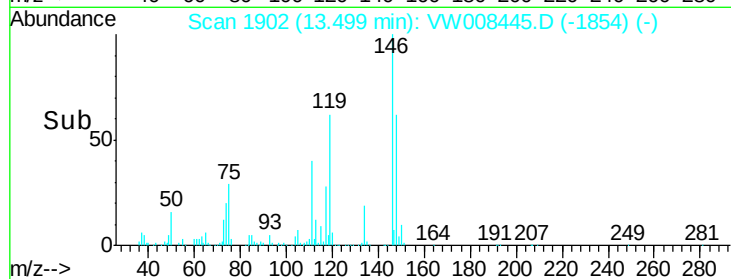
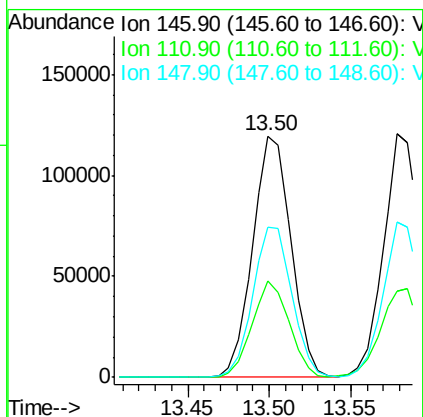
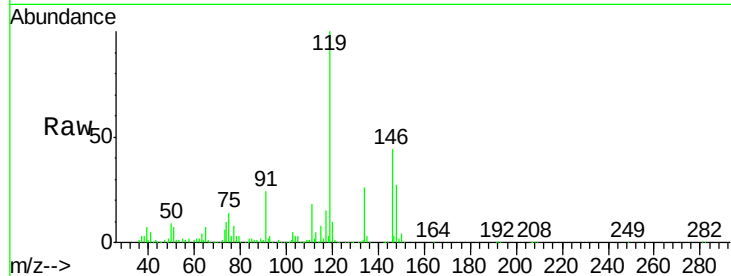




#87
 1,3-Dichlorobenzene
 Concen: 19.460 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

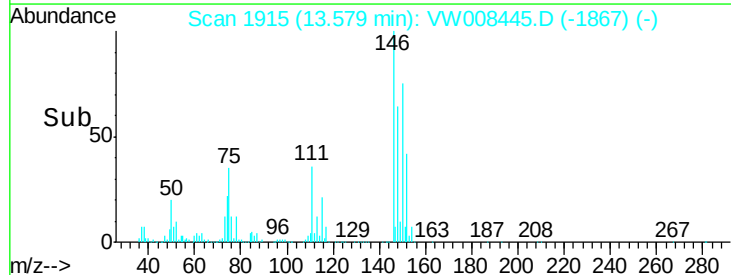
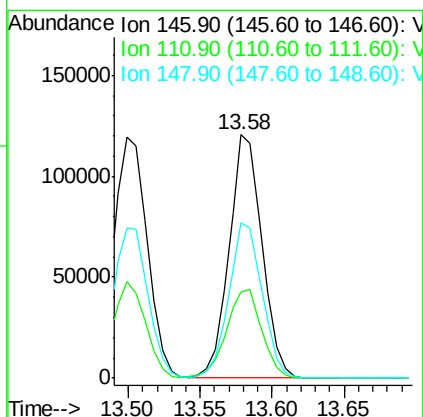
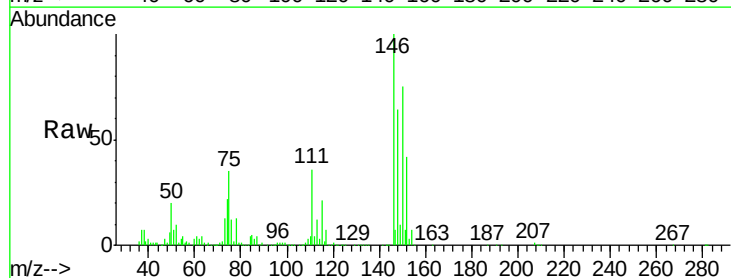
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

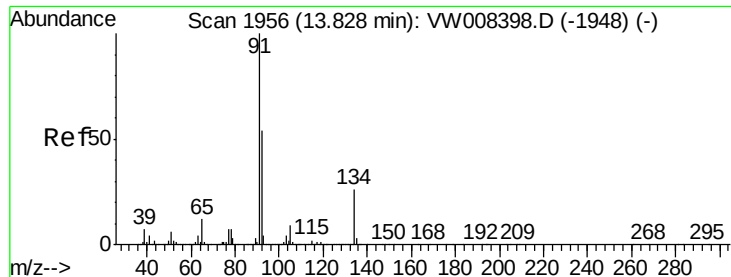
Tgt Ion:146 Resp: 195134
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.3 60.9
 148 63.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.332 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion:146 Resp: 192658
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 60.0
 148 64.9 32.0 96.2





#89

n-Butylbenzene

Concen: 18.397 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

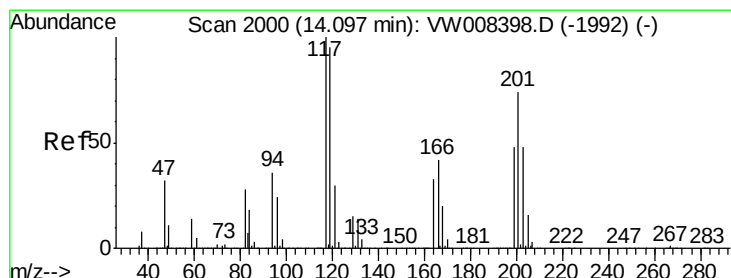
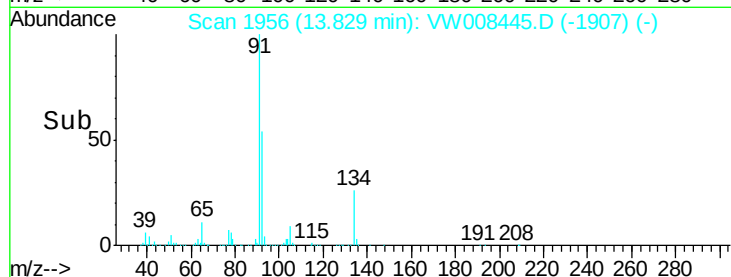
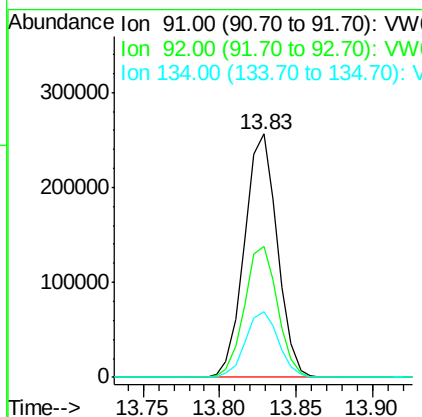
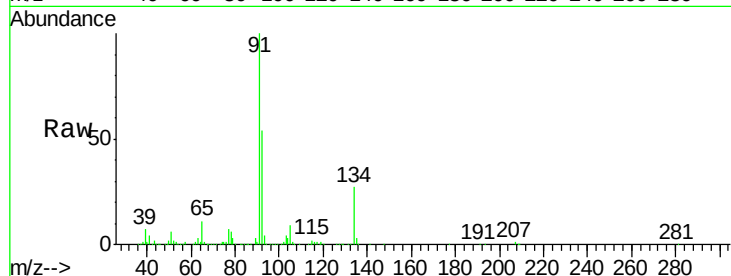
Tgt Ion: 91 Resp: 382127

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 27.3 13.0 39.0



#90

Hexachloroethane

Concen: 18.565 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008445.D

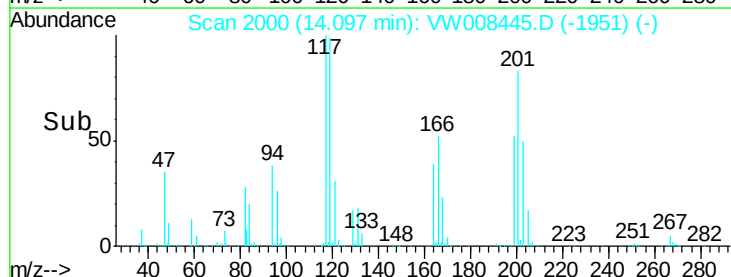
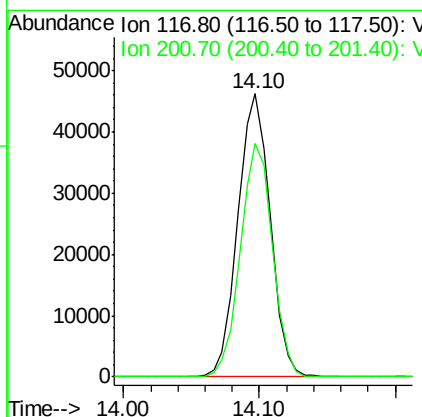
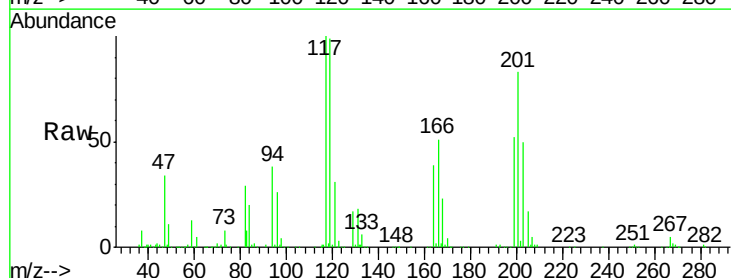
Acq: 29 Jan 2019 12:08

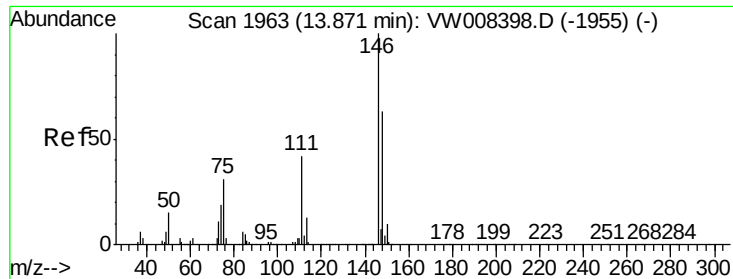
Tgt Ion: 117 Resp: 76804

Ion Ratio Lower Upper

117 100

201 81.7 39.1 117.5

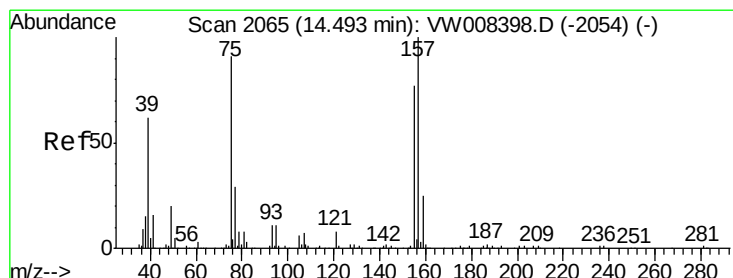
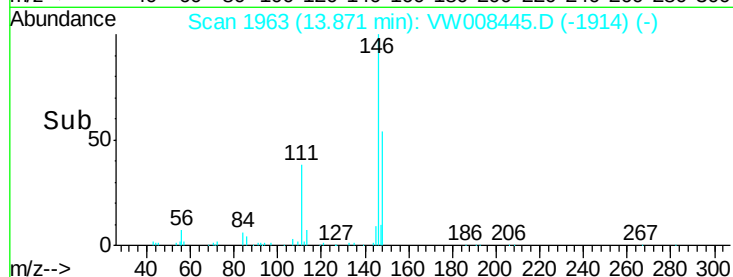
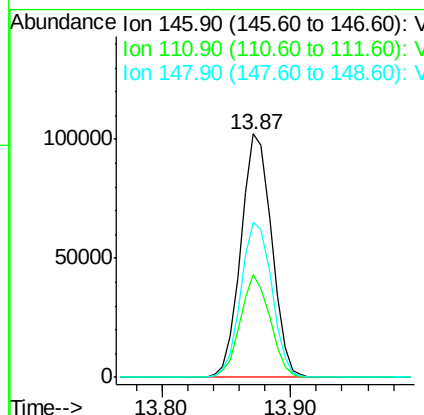
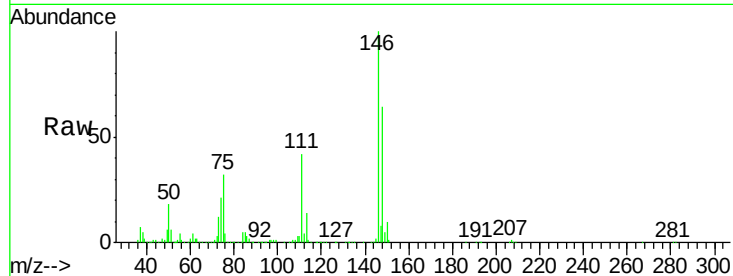




#91
 1,2-Dichlorobenzene
 Concen: 19.005 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

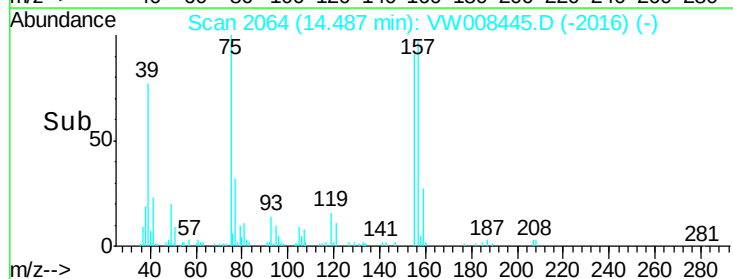
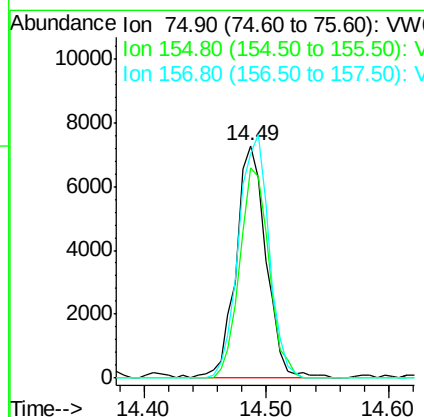
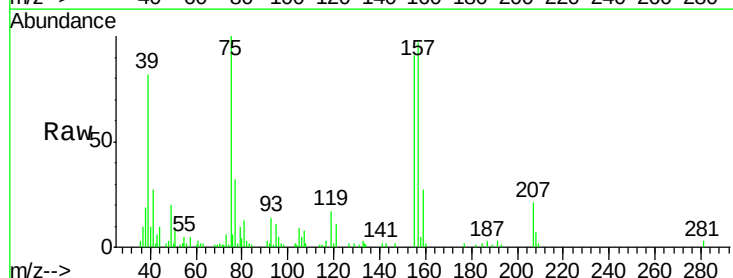
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

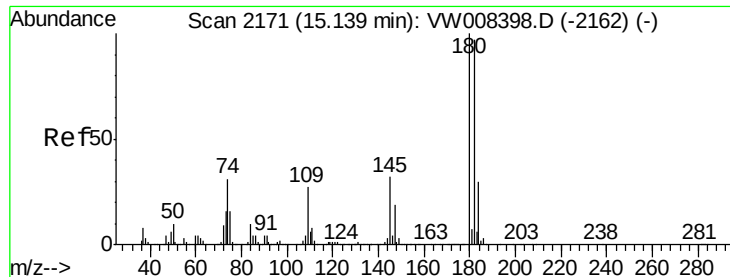
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.3
148	64.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.038 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	42.7	128.1
157	106.2	55.5	166.3

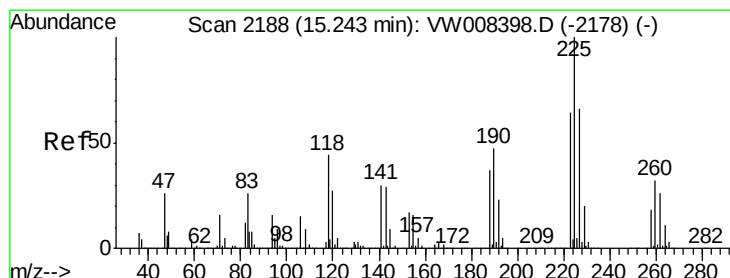
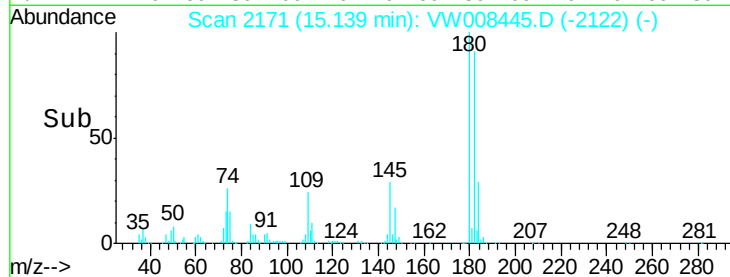
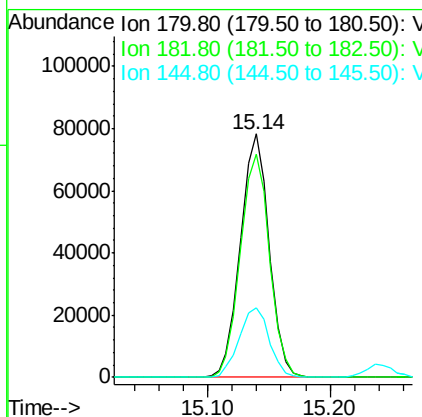
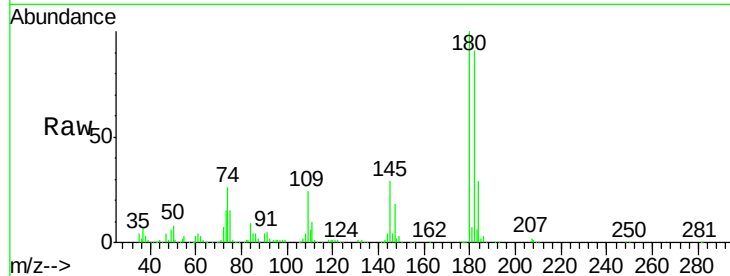




#93
 1,2,4-Trichlorobenzene
 Concen: 20.094 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

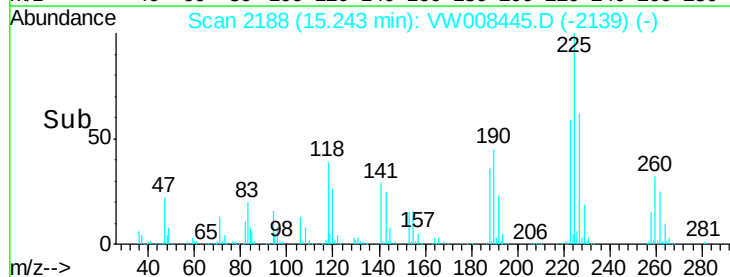
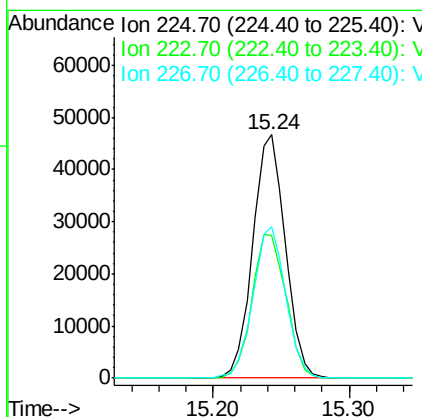
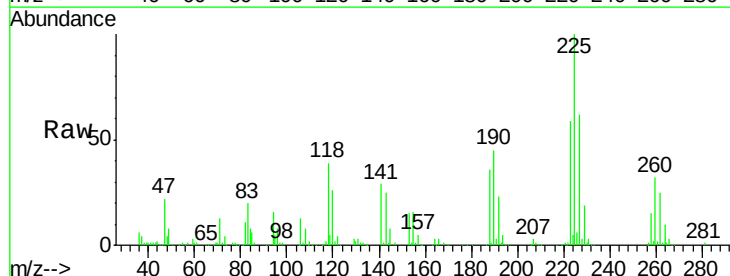
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

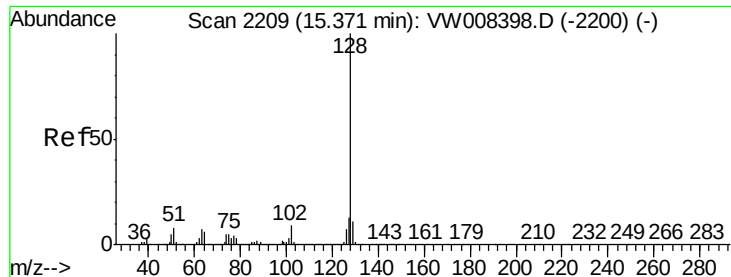
Tgt Ion:180 Resp: 127226
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.9 143.7
 145 30.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.587 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion:225 Resp: 78558
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.7 95.1
 227 62.4 32.1 96.3

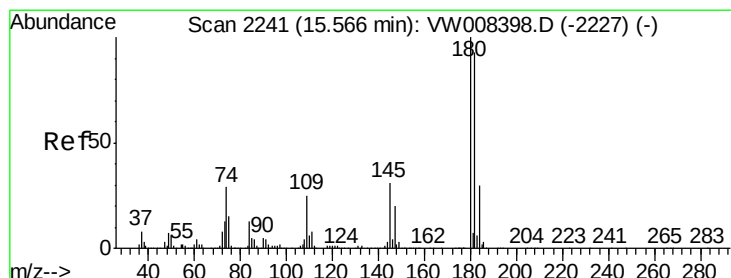
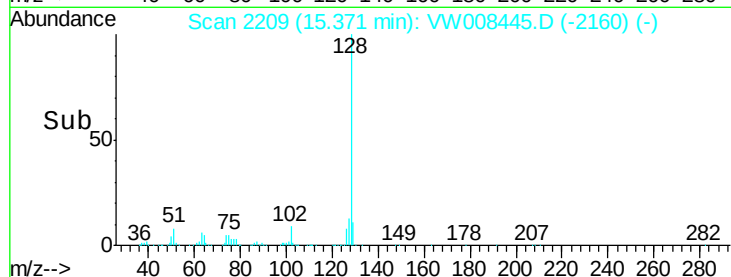
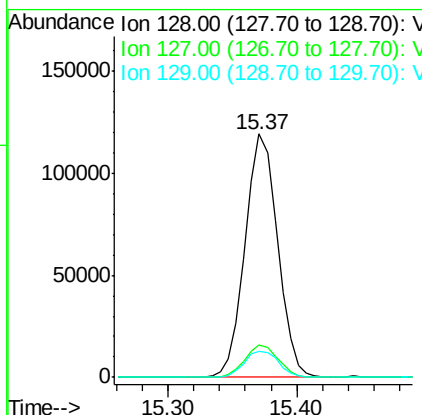
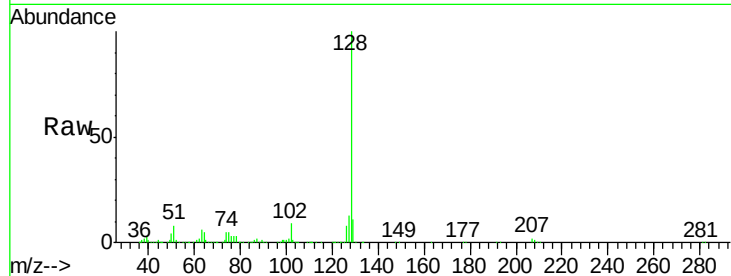




#95
Naphthalene
Concen: 18.745 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tgt Ion:128 Resp: 208398
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.907 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion:180 Resp: 106918
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.2
145 31.7 15.9 47.6

