

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
 Data File : VW000966.D
 Acq On : 24 Jan 2018 23:35
 Operator : JC/SY
 Sample : VW0124SBS02
 Misc : 5.0G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS02

Quant Time: Jan 25 04:46:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128713	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.88	113	112846	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.33	98	458612	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.63	95	168056	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	50954	19.08	ug/l	99
3) Chloromethane	2.22	50	45787	19.40	ug/l	98
4) Vinyl Chloride	2.36	62	40841	18.61	ug/l	99
5) Bromomethane	2.73	94	30182	18.70	ug/l	99
6) Chloroethane	2.90	64	22466	18.42	ug/l	95
7) Trichlorofluoromethane	3.25	101	74977	18.55	ug/l	98
8) Diethyl Ether	3.68	74	19396	19.16	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	53785	20.60	ug/l	99
10) Methyl Iodide	4.26	142	44920	19.51	ug/l	99
11) Tert butyl alcohol	5.13	59	59175	205.58	ug/l #	76
12) 1,1-Dichloroethene	4.03	96	45226	20.15	ug/l	96
13) Acrolein	3.89	56	21356	75.99	ug/l	96
14) Allyl chloride	4.67	41	66270	18.95	ug/l	98
15) Acrylonitrile	5.38	53	73460	92.90	ug/l	99
16) Acetone	4.13	43	75862	79.33	ug/l	100
17) Carbon Disulfide	4.36	76	136425	18.41	ug/l	100
18) Methyl Acetate	4.68	43	34814	17.83	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	118797	20.61	ug/l	95
20) Methylene Chloride	4.91	84	50523	19.29	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	50266	19.28	ug/l	94
22) Diisopropyl ether	6.32	45	133630	21.35	ug/l	97
23) Vinyl Acetate	6.26	43	336609	86.54	ug/l	100
24) 1,1-Dichloroethane	6.21	63	85318	20.36	ug/l	99
25) 2-Butanone	7.18	43	103540	88.18	ug/l	95
26) 2,2-Dichloropropane	7.17	77	80776	19.04	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	54331	20.16	ug/l	97
28) Bromochloromethane	7.51	49	34482	19.59	ug/l #	99
29) Tetrahydrofuran	7.53	42	58361	90.33	ug/l	100
30) Chloroform	7.68	83	90934	20.12	ug/l	99
31) Cyclohexane	7.95	56	82355	19.04	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	85527	19.58	ug/l	100
36) 1,1-Dichloropropene	8.08	75	71348	19.16	ug/l	99
37) Ethyl Acetate	7.26	43	39594	18.84	ug/l	100
38) Carbon Tetrachloride	8.07	117	76606	18.65	ug/l	97

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 Misc : 5.0G/5.0ML/MSVOA_W/SOIL
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 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Quant Time: Jan 25 04:46:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84192	18.77	ug/l	94
40) Benzene	8.32	78	199663	19.72	ug/l	98
41) Methacrylonitrile	7.48	41	22748	19.29	ug/l	98
42) 1,2-Dichloroethane	8.40	62	62191	19.94	ug/l	99
43) Isopropyl Acetate	8.43	43	67647	18.99	ug/l	99
44) Trichloroethene	9.09	130	59369	19.74	ug/l	100
45) 1,2-Dichloropropane	9.37	63	48071	20.35	ug/l	99
46) Dibromomethane	9.46	93	29776	19.73	ug/l	99
47) Bromodichloromethane	9.65	83	67013	20.08	ug/l	99
48) Methyl methacrylate	9.45	41	32881	19.22	ug/l	99
49) 1,4-Dioxane	9.45	88	12077	366.17	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	191942	93.63	ug/l	100
52) Toluene	10.40	92	130686	20.43	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	66534	19.68	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	74466	20.02	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	43150	20.48	ug/l	99
56) Ethyl methacrylate	10.65	69	49674	19.68	ug/l	99
57) 1,3-Dichloropropane	10.94	76	69383	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	107681	85.98	ug/l	99
59) 2-Hexanone	10.98	43	137464	86.47	ug/l	99
60) Dibromochloromethane	11.14	129	49905	19.61	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43158	19.66	ug/l	99
64) Tetrachloroethene	10.87	164	64975	21.67	ug/l	97
65) Chlorobenzene	11.67	112	148215	19.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	53692	20.17	ug/l	99
67) Ethyl Benzene	11.74	91	247411	19.76	ug/l	99
68) m/p-Xylenes	11.85	106	194024	39.86	ug/l	99
69) o-Xylene	12.18	106	88742	19.88	ug/l	99
70) Styrene	12.20	104	147614	20.29	ug/l	99
71) Bromoform	12.36	173	34723	19.23	ug/l #	97
73) Isopropylbenzene	12.48	105	252864	19.89	ug/l	100
74) N-amyl acetate	12.29	43	60313	19.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	52118	19.18	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	69678	30.60	ug/l #	100
77) Bromobenzene	12.76	156	64613	19.97	ug/l	99
78) n-propylbenzene	12.82	91	305330	19.90	ug/l	99
79) 2-Chlorotoluene	12.91	91	172968	19.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	218771	20.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12940	17.49	ug/l	99
82) 4-Chlorotoluene	13.01	91	183753	19.99	ug/l	100
83) tert-Butylbenzene	13.23	119	188489	19.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	222362	20.33	ug/l	99
85) sec-Butylbenzene	13.40	105	271092	19.82	ug/l	100
86) p-Isopropyltoluene	13.52	119	240432	19.82	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	129775	20.23	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	128634	20.05	ug/l	99
89) n-Butylbenzene	13.84	91	221329	19.42	ug/l	99
90) Hexachloroethane	14.12	117	43786	19.42	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	117934	20.41	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11081	18.48	ug/l	96

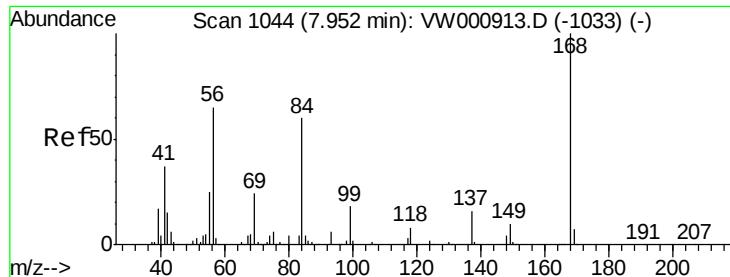
Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
Data File : VW000966.D
Acq On : 24 Jan 2018 23:35
Operator : JC/SY
Sample : VW0124SBSD02
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VW0124SBSD02

Quant Time: Jan 25 04:46:29 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	88203	20.48	ug/l	99
94) Hexachlorobutadiene	15.26	225	54448	19.94	ug/l	98
95) Naphthalene	15.39	128	182284	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	82685	20.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

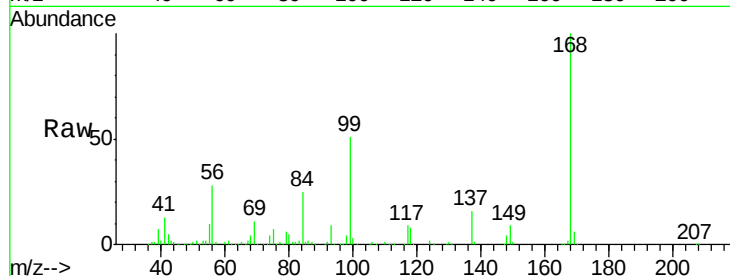
VW0124SBSD02

Tgt Ion:168 Resp: 276922

Ion Ratio Lower Upper

168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

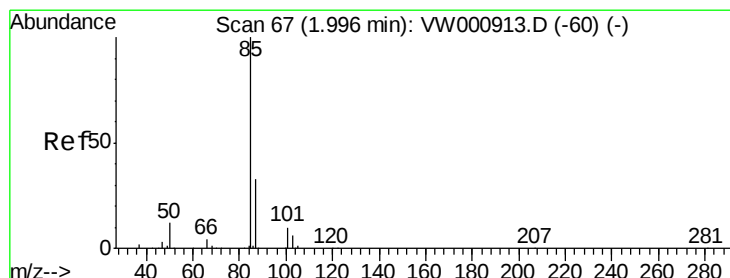
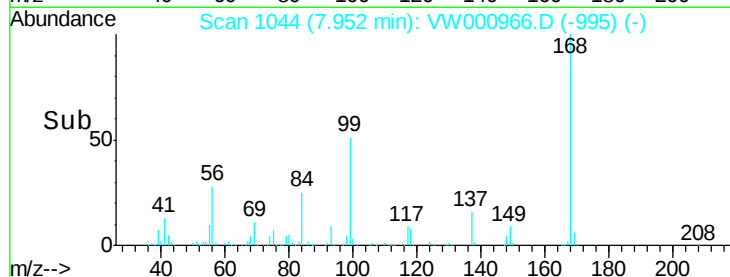
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.08 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW000966.D

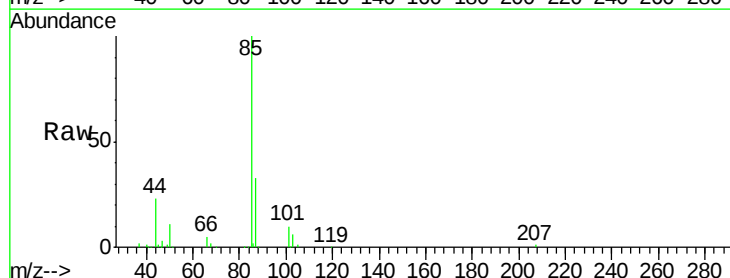
Acq: 24 Jan 2018 23:35

Tgt Ion: 85 Resp: 50954

Ion Ratio Lower Upper

85 100

87 32.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

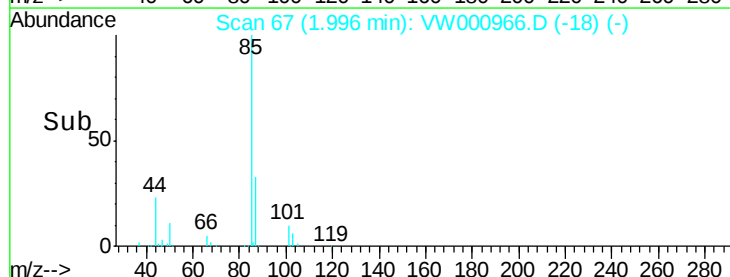
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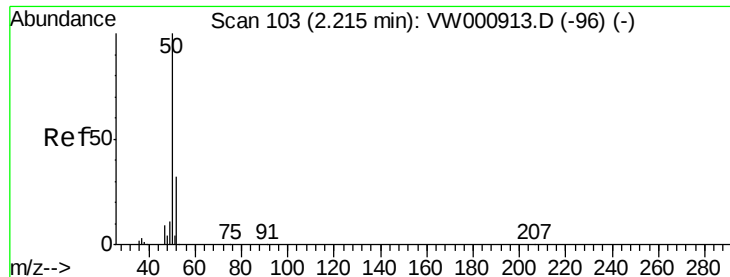
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10000

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Time-->





#3

Chloromethane

Concen: 19.40 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

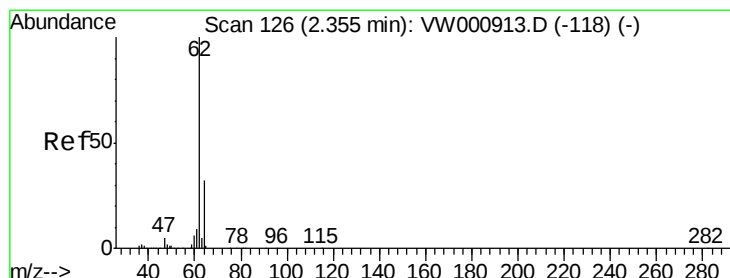
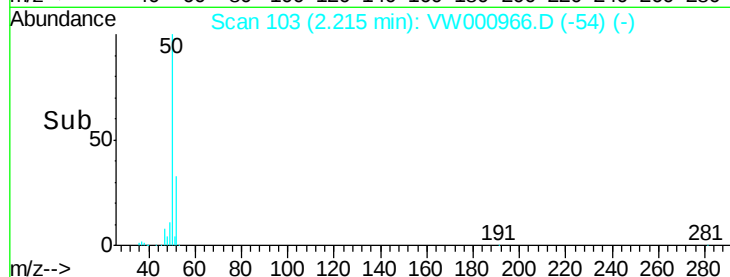
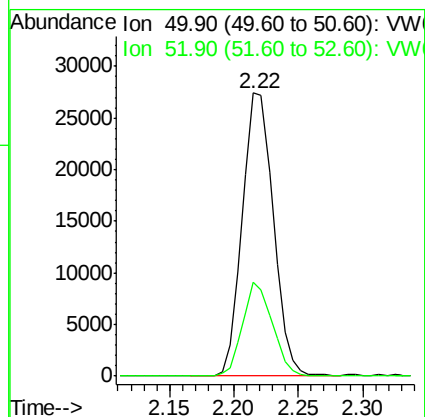
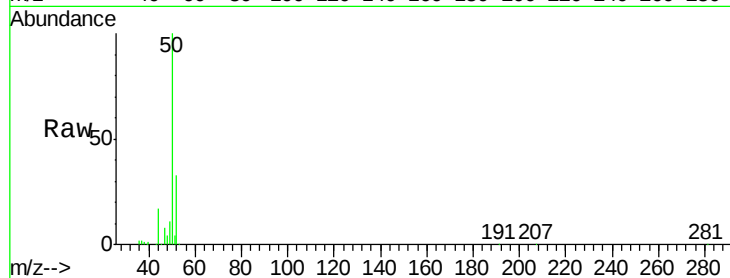
VW0124SBSD02

Tgt Ion: 50 Resp: 45787

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



#4

Vinyl Chloride

Concen: 18.61 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW000966.D

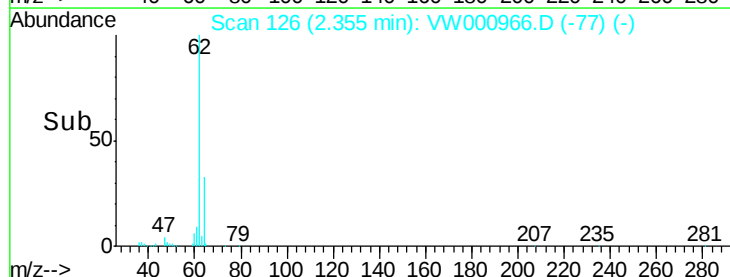
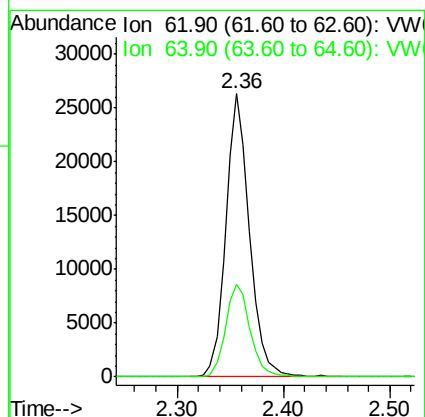
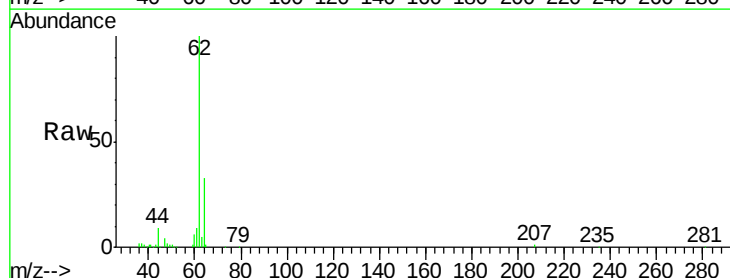
Acq: 24 Jan 2018 23:35

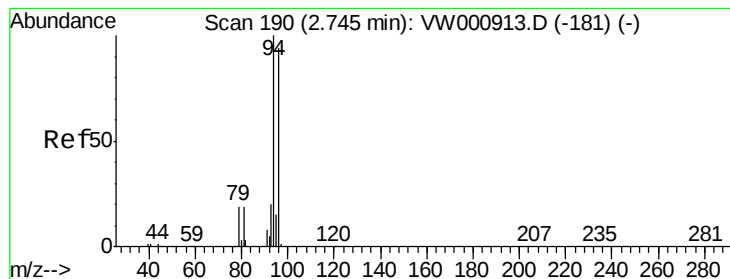
Tgt Ion: 62 Resp: 40841

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 18.70 ug/l

RT: 2.73 min Scan# 188

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

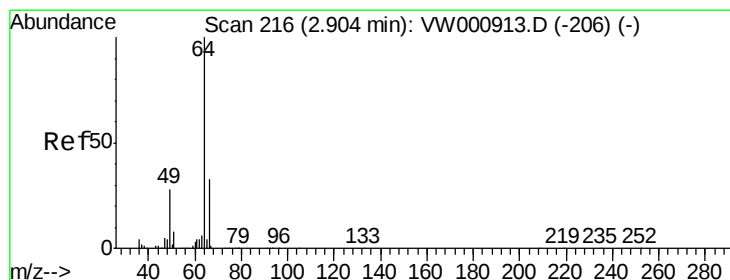
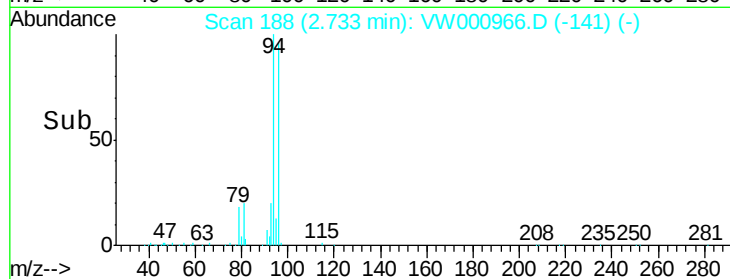
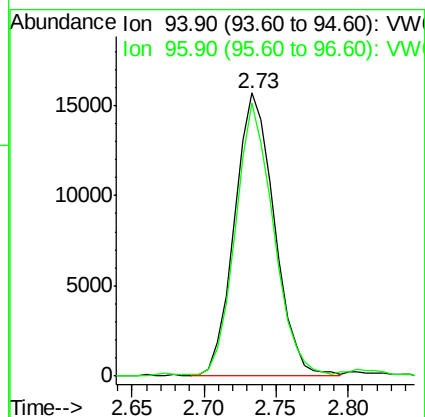
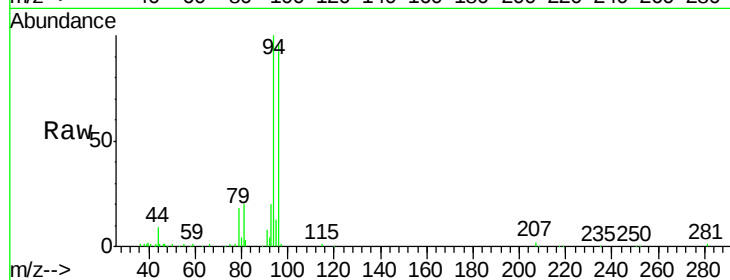
VW0124SBSD02

Tgt Ion: 94 Resp: 30182

Ion Ratio Lower Upper

94 100

96 95.8 75.5 113.3



#6

Chloroethane

Concen: 18.42 ug/l

RT: 2.90 min Scan# 215

Delta R.T. -0.01 min

Lab File: VW000966.D

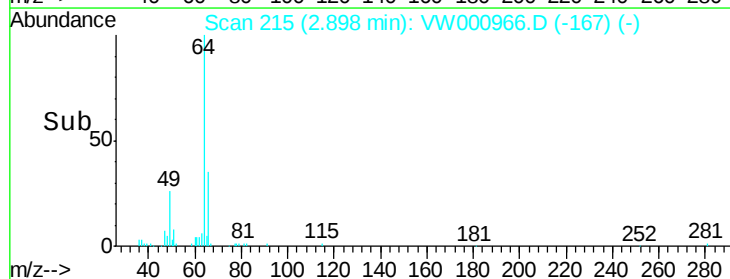
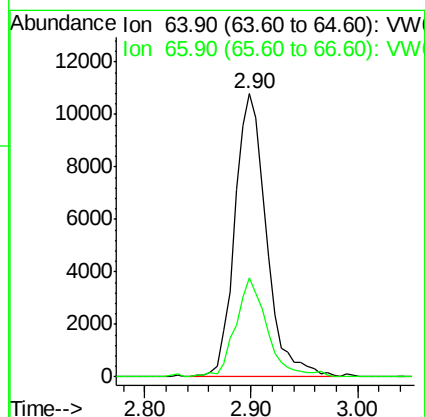
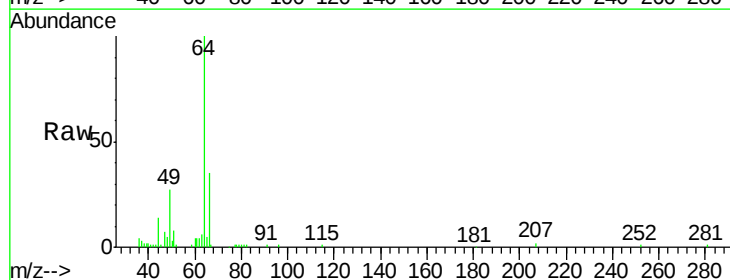
Acq: 24 Jan 2018 23:35

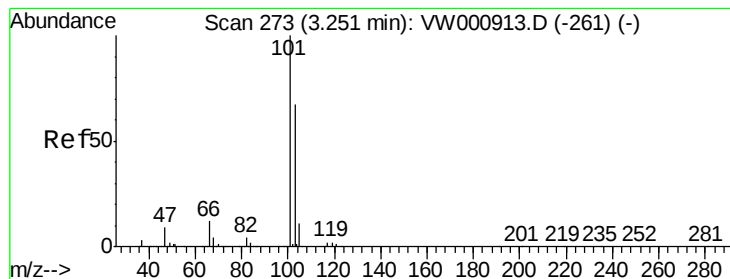
Tgt Ion: 64 Resp: 22466

Ion Ratio Lower Upper

64 100

66 35.2 26.1 39.1



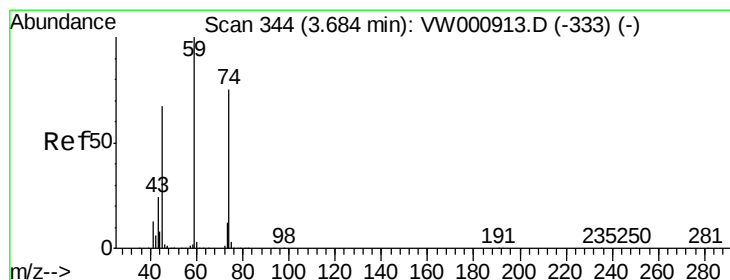
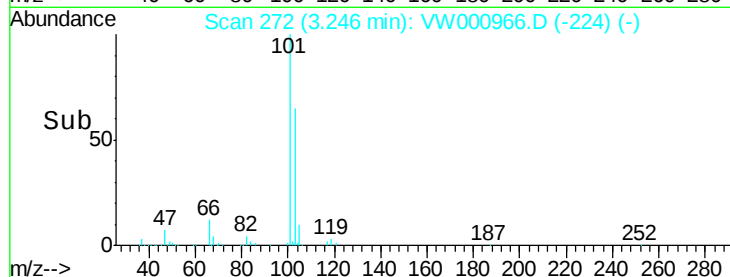
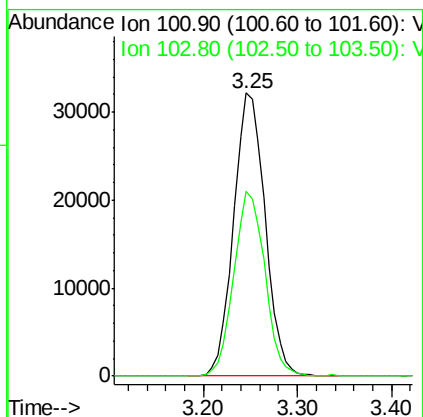
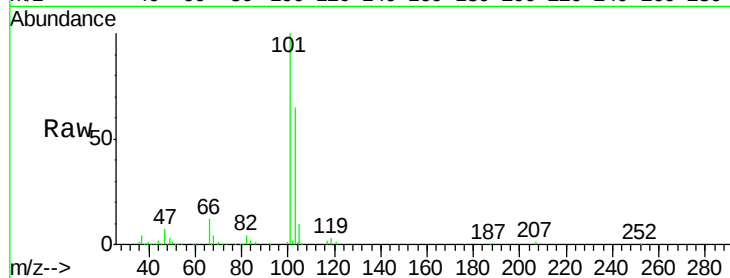


#7

Trichlorofluoromethane
 Concen: 18.55 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

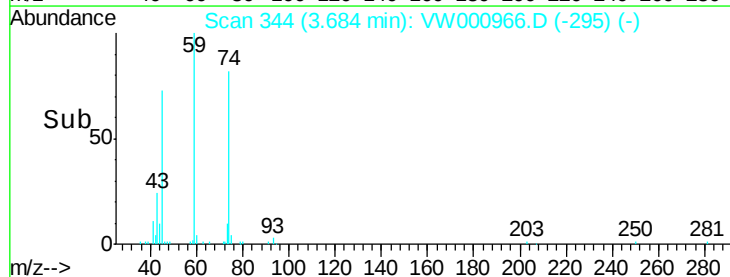
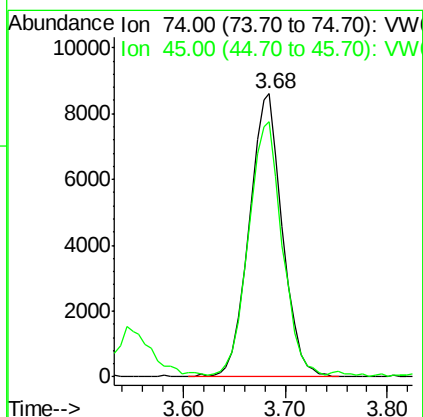
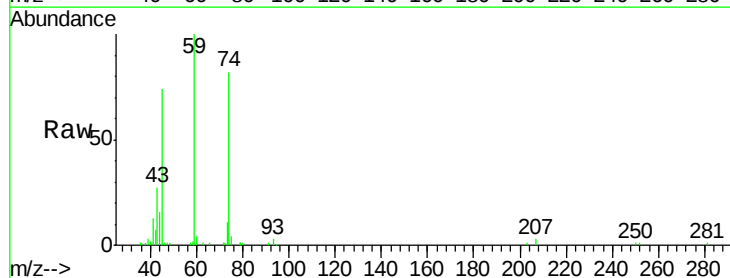
Tgt Ion: 101 Resp: 74977
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.4 80.0

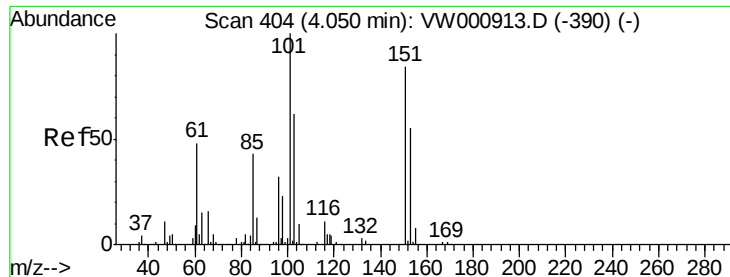


#8

Diethyl Ether
 Concen: 19.16 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion: 74 Resp: 19396
 Ion Ratio Lower Upper
 74 100
 45 91.9 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.60 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

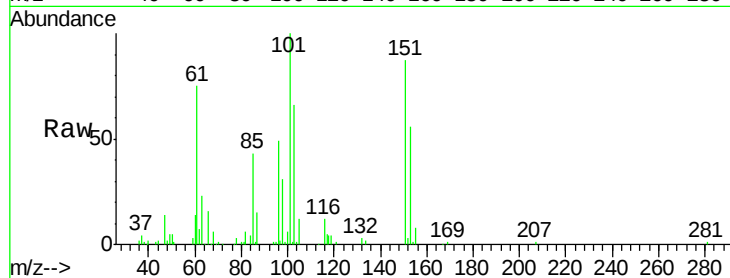
Tgt Ion:101 Resp: 53785

Ion Ratio Lower Upper

101 100

85 42.6 35.3 52.9

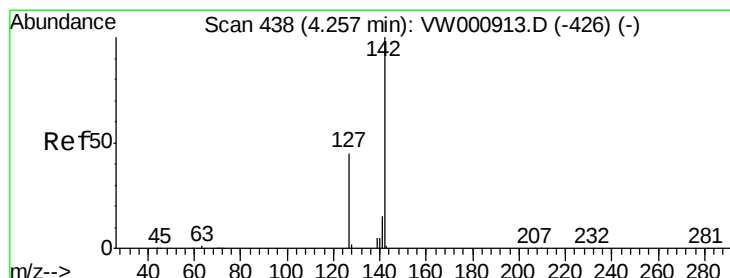
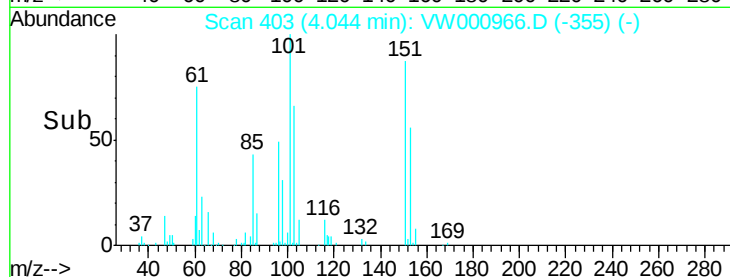
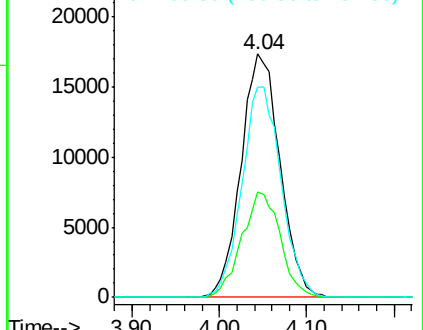
151 86.6 69.9 104.9



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: 19.51 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

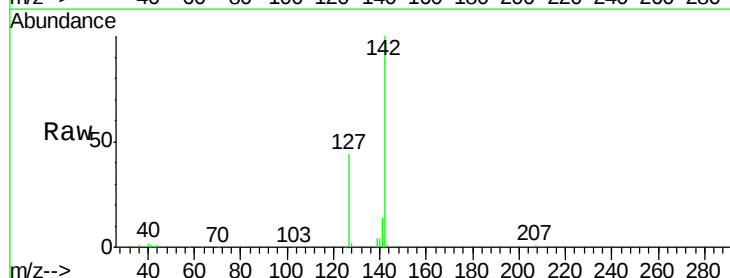
Tgt Ion:142 Resp: 44920

Ion Ratio Lower Upper

142 100

127 45.3 35.5 53.3

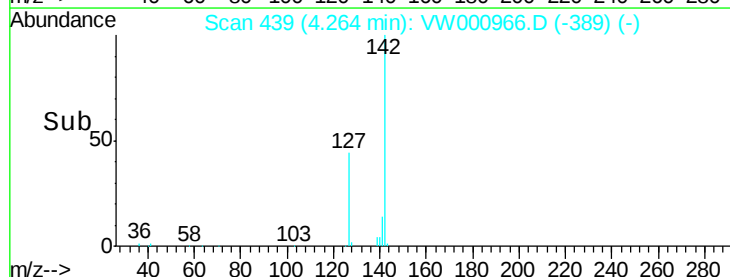
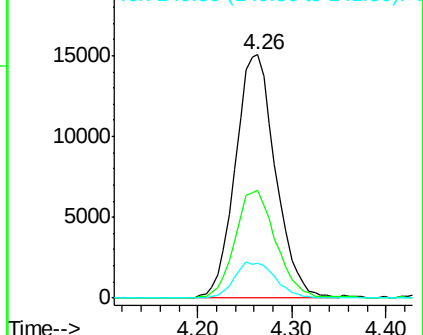
141 15.2 11.7 17.5

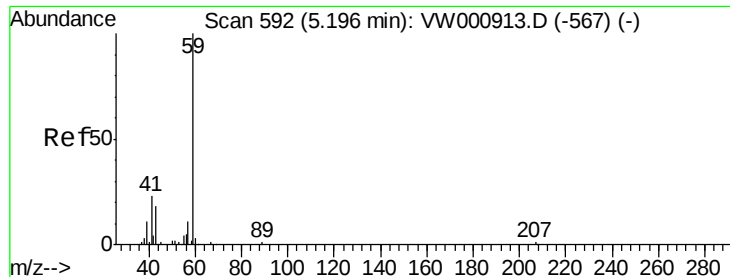


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



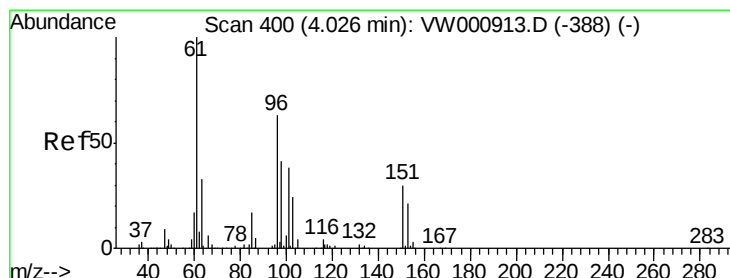
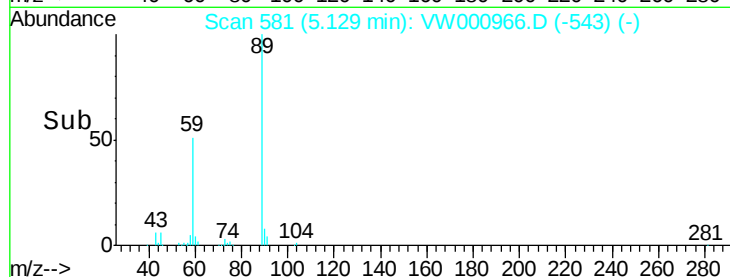
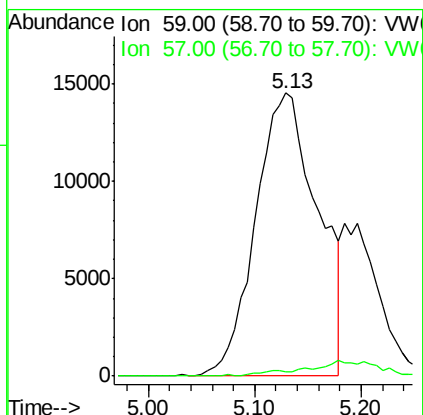
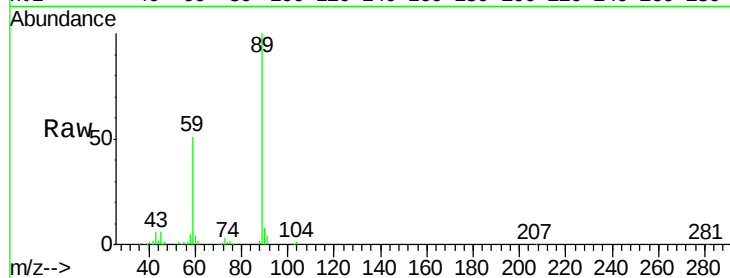


#11

Tert butyl alcohol
Concen: 205.58 ug/l
RT: 5.13 min Scan# 581
Delta R.T. -0.07 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

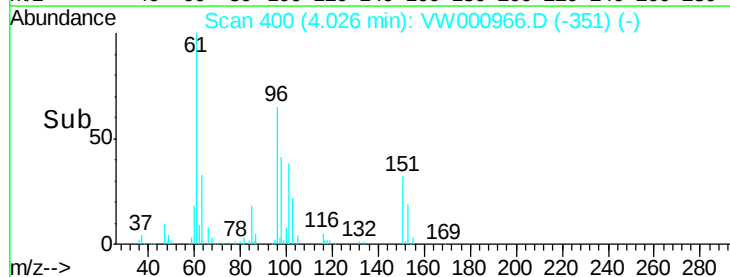
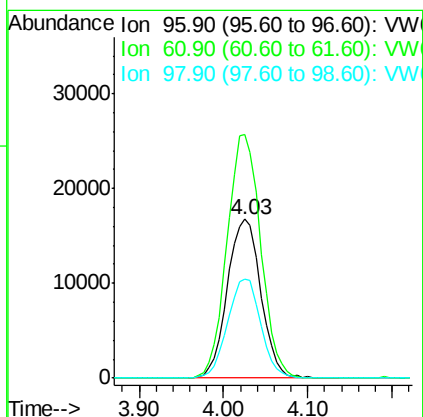
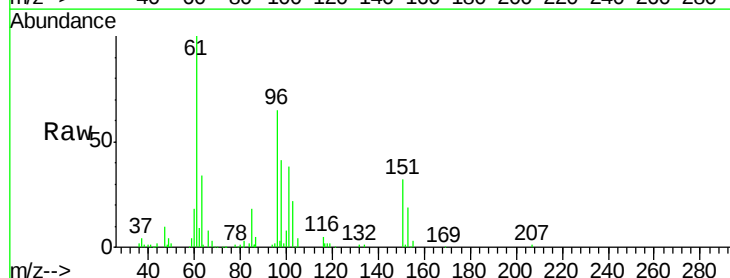
Tgt Ion: 59 Resp: 59175
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.6#

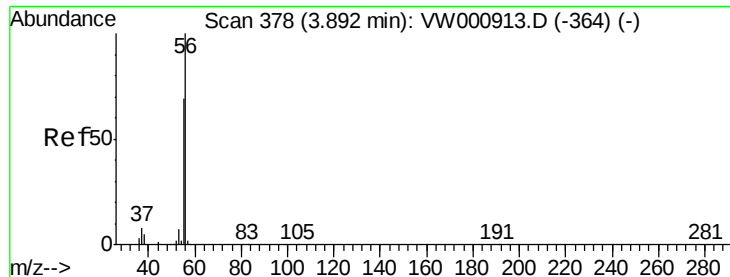


#12

1,1-Dichloroethene
Concen: 20.15 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 96 Resp: 45226
Ion Ratio Lower Upper
96 100
61 153.4 126.7 190.1
98 62.7 52.1 78.1





#13

Acrolein

Concen: 75.99 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

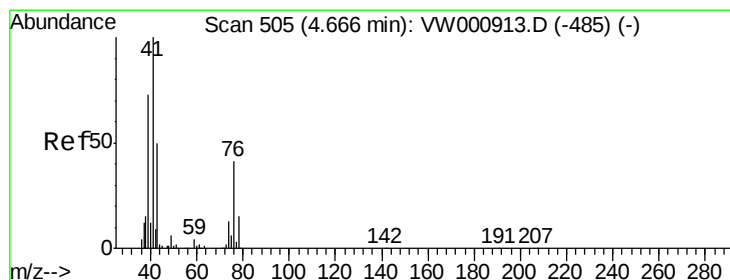
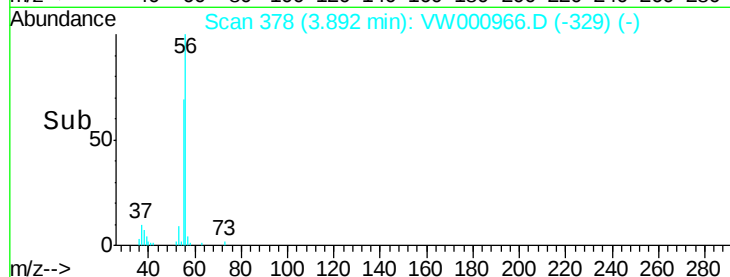
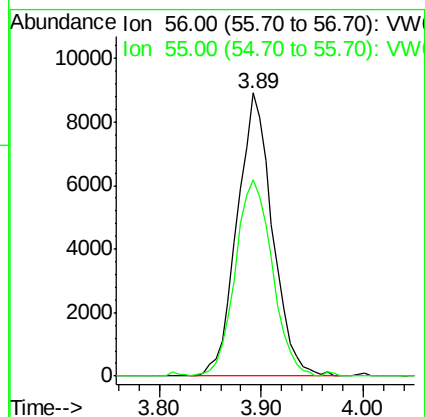
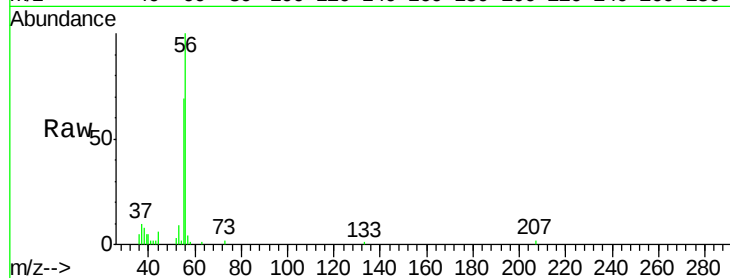
VW0124SBSD02

Tgt Ion: 56 Resp: 21356

Ion Ratio Lower Upper

56 100

55 72.7 55.4 83.0



#14

Allyl chloride

Concen: 18.95 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

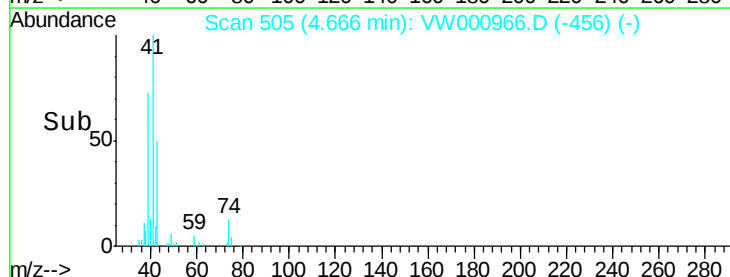
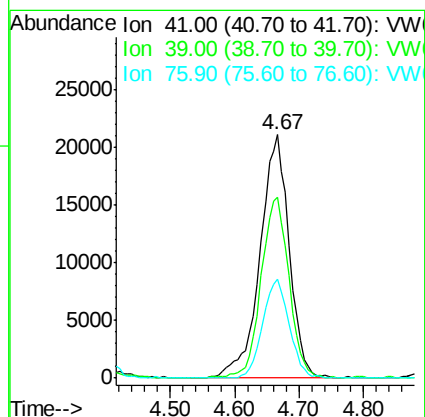
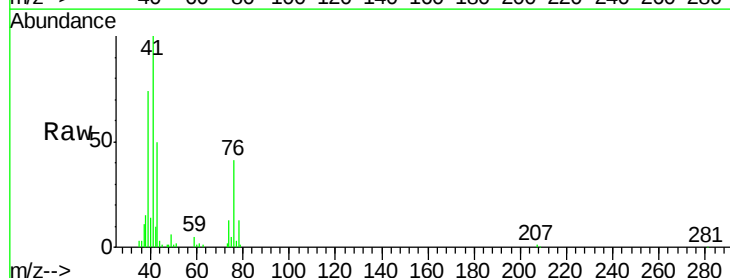
Tgt Ion: 41 Resp: 66270

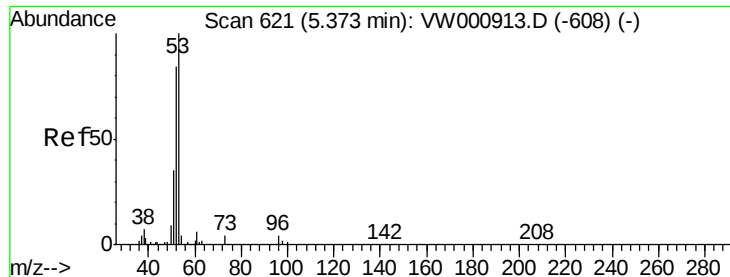
Ion Ratio Lower Upper

41 100

39 71.0 55.3 82.9

76 36.9 29.9 44.9





#15

Acrylonitrile

Concen: 92.90 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

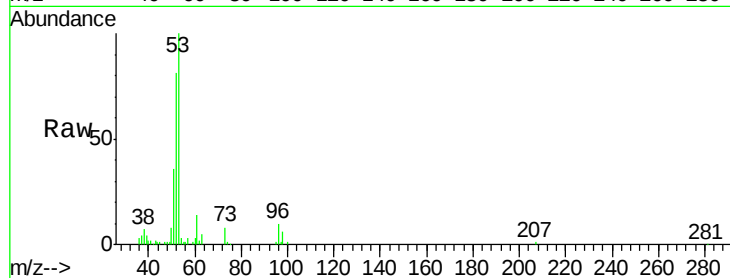
Tgt Ion: 53 Resp: 73460

Ion Ratio Lower Upper

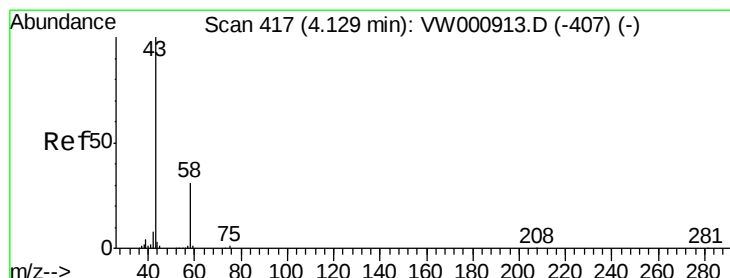
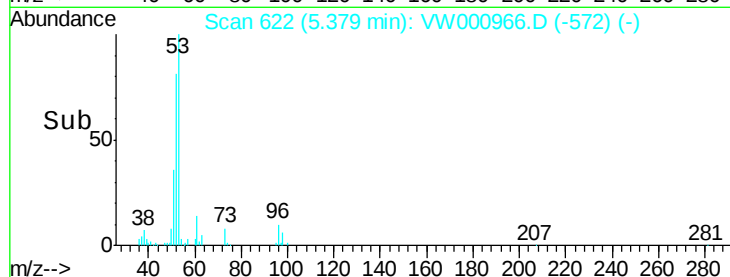
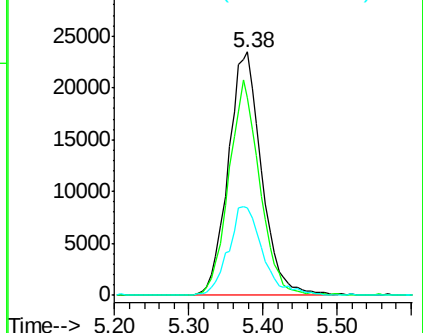
53 100

52 82.1 66.6 99.8

51 37.6 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 79.33 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW000966.D

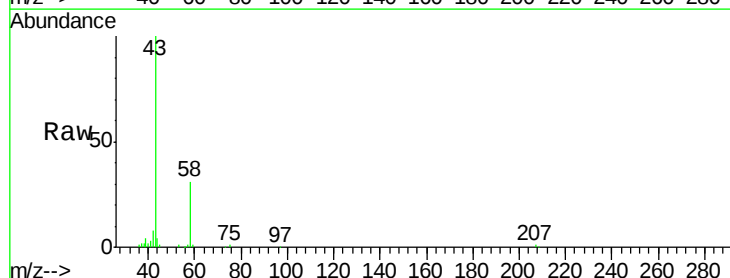
Acq: 24 Jan 2018 23:35

Tgt Ion: 43 Resp: 75862

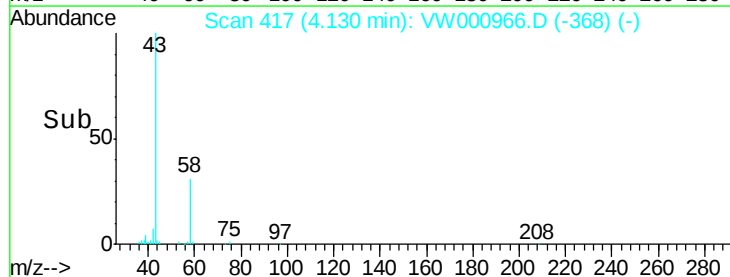
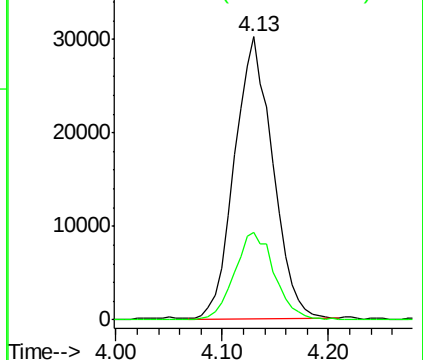
Ion Ratio Lower Upper

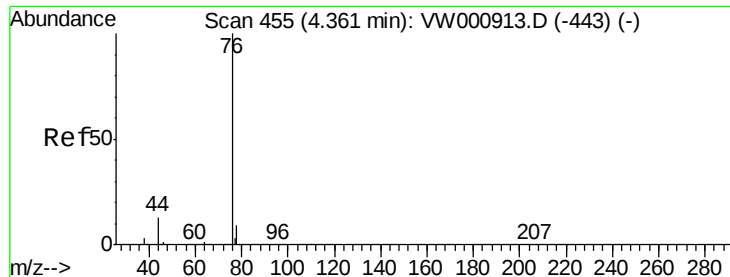
43 100

58 31.1 24.9 37.3



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





#17

Carbon Disulfide

Concen: 18.41 ug/l

RT: 4.36 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

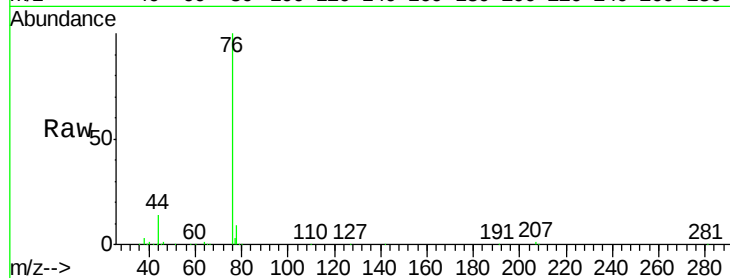
VW0124SBSD02

Tgt Ion: 76 Resp: 136425

Ion Ratio Lower Upper

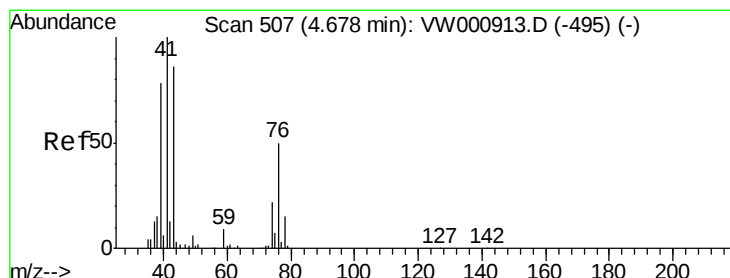
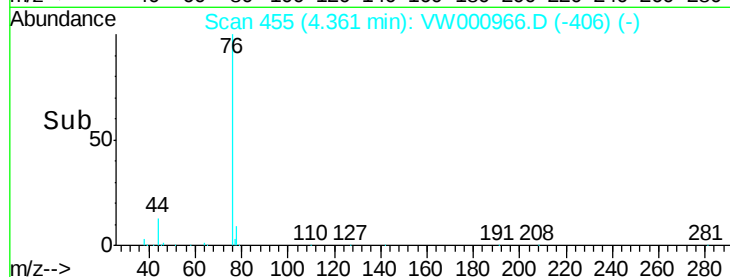
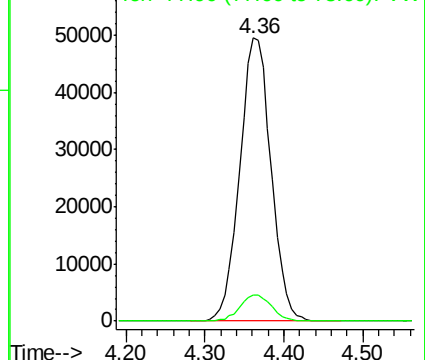
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.83 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: VW000966.D

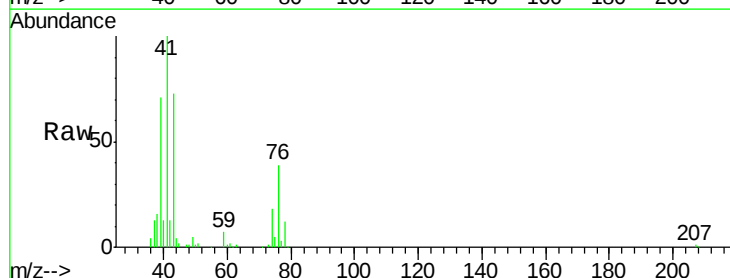
Acq: 24 Jan 2018 23:35

Tgt Ion: 43 Resp: 34814

Ion Ratio Lower Upper

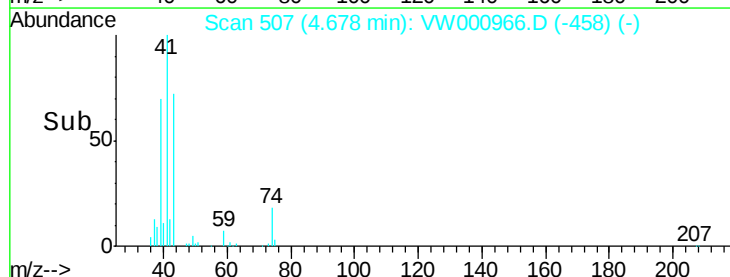
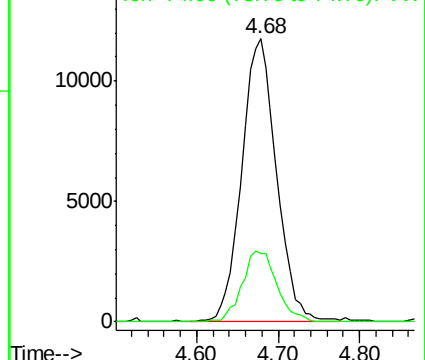
43 100

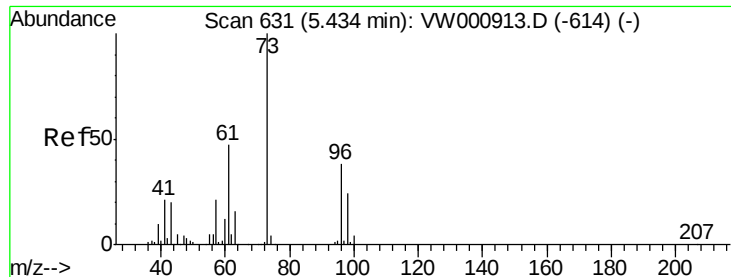
74 25.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 20.61 ug/l

RT: 5.43 min Scan# 631

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

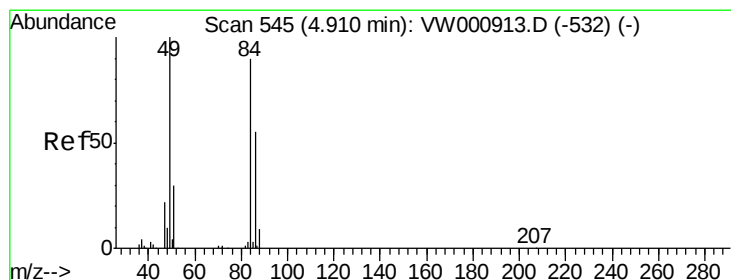
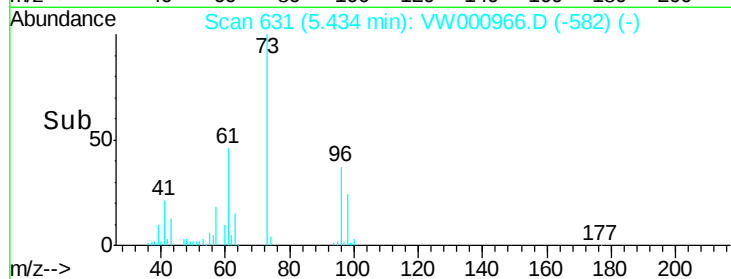
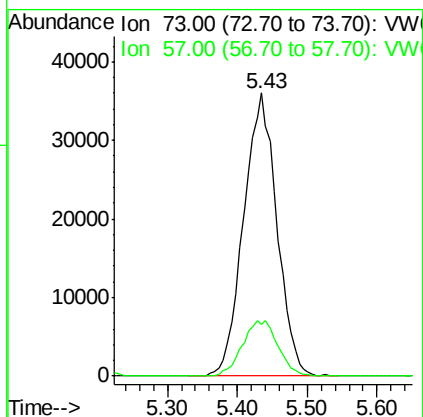
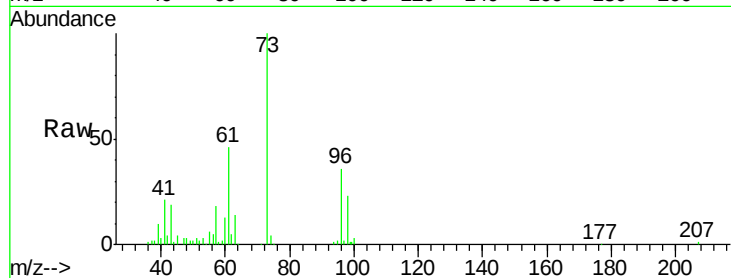
VW0124SBSD02

Tgt Ion: 73 Resp: 118797

Ion Ratio Lower Upper

73 100

57 18.4 16.7 25.1



#20

Methylene Chloride

Concen: 19.29 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion: 84 Resp: 50523

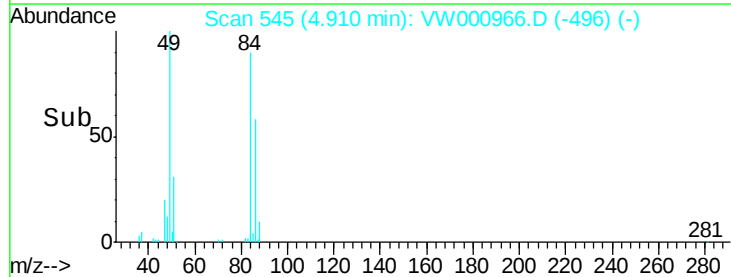
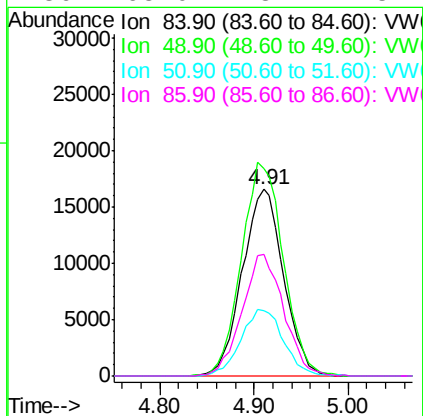
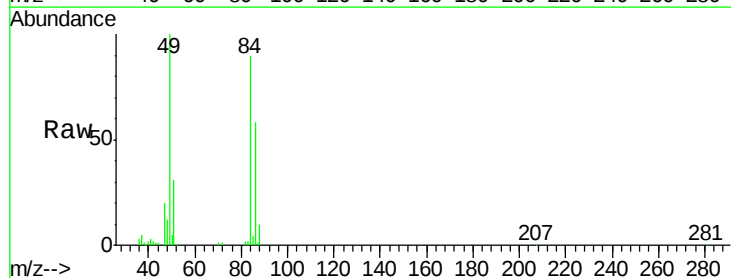
Ion Ratio Lower Upper

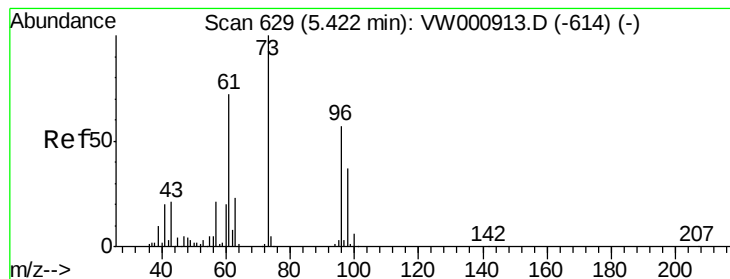
84 100

49 111.7 89.0 133.4

51 35.2 26.7 40.1

86 65.0 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.28 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

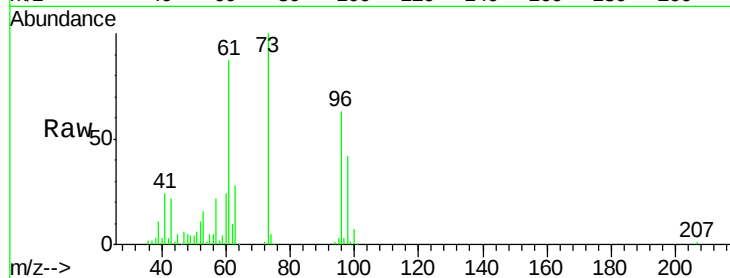
Tgt Ion: 96 Resp: 50266

Ion Ratio Lower Upper

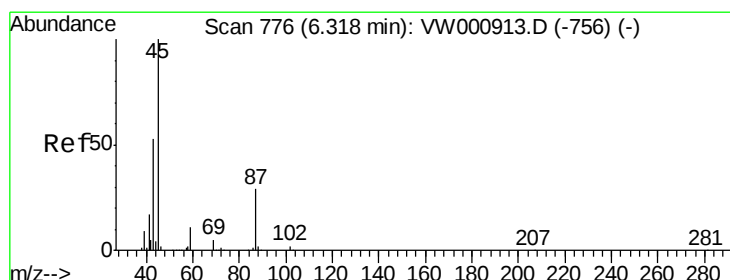
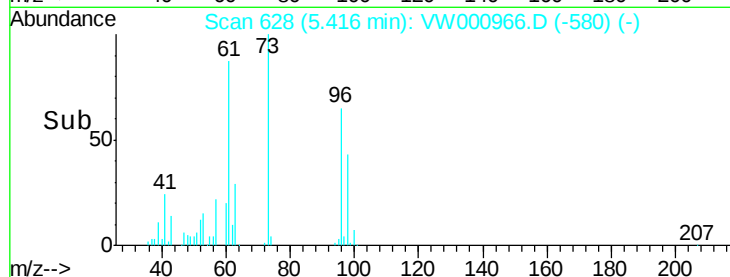
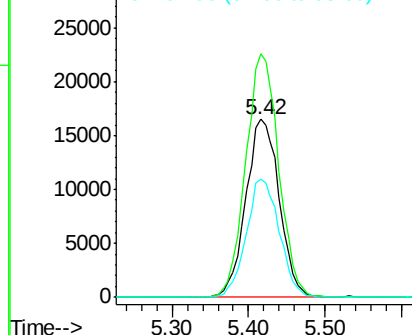
96 100

61 136.7 101.1 151.7

98 66.3 52.2 78.2



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



#22

Diisopropyl ether

Concen: 21.35 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion: 45 Resp: 133630

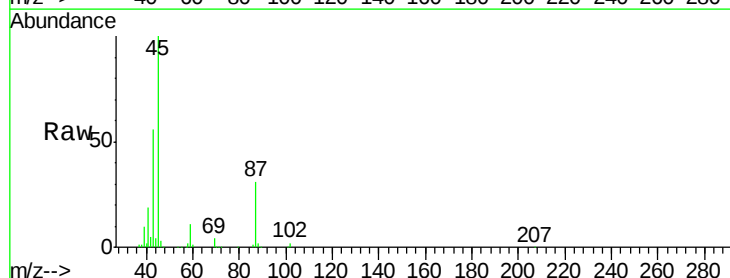
Ion Ratio Lower Upper

45 100

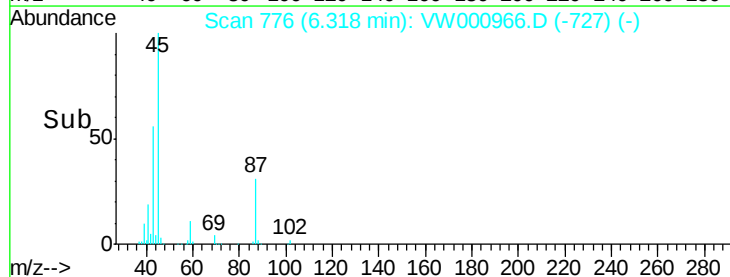
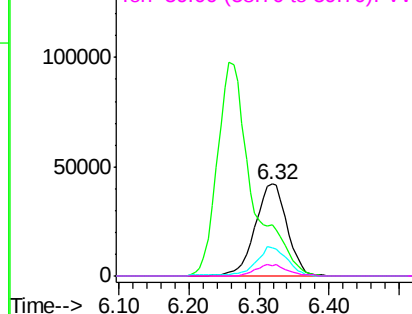
43 55.7 42.7 64.1

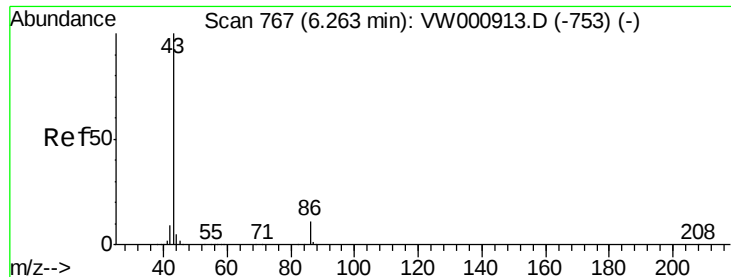
87 31.3 23.8 35.8

59 11.4 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 86.54 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

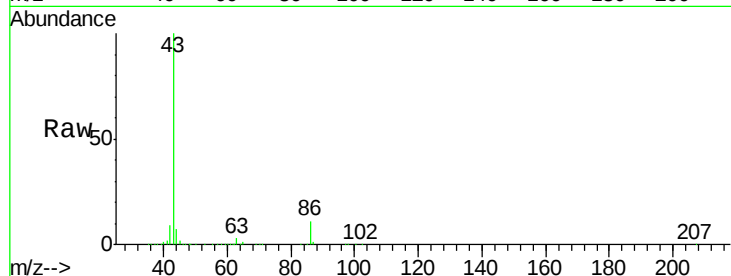
VW0124SBSD02

Tgt Ion: 43 Resp: 336609

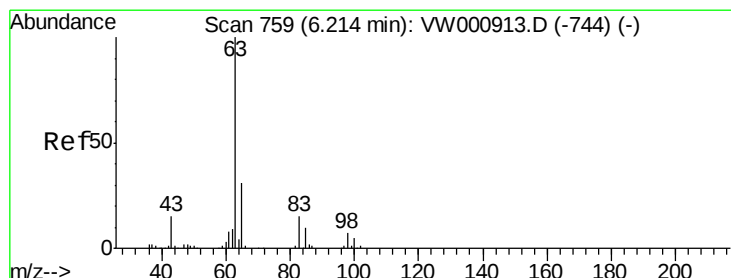
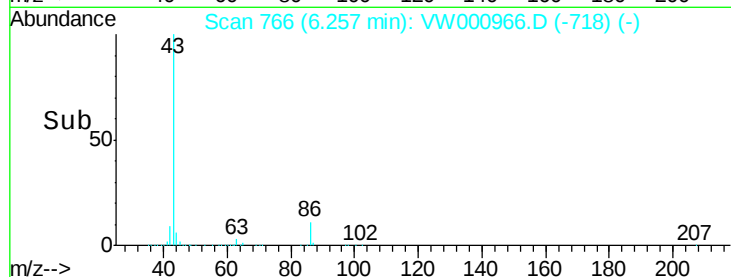
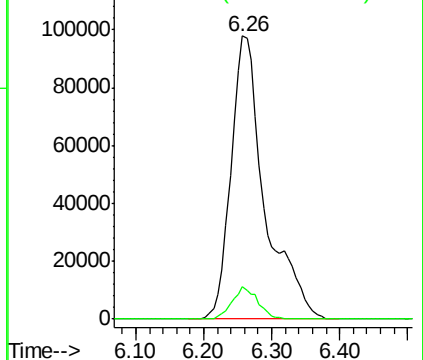
Ion Ratio Lower Upper

43 100

86 11.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.36 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

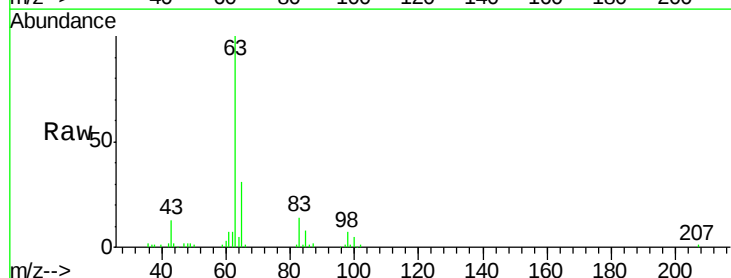
Tgt Ion: 63 Resp: 85318

Ion Ratio Lower Upper

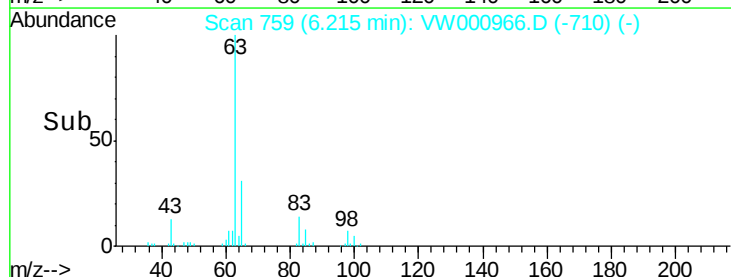
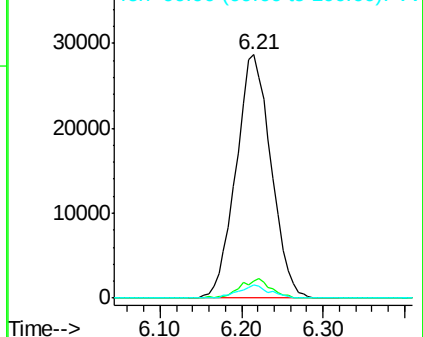
63 100

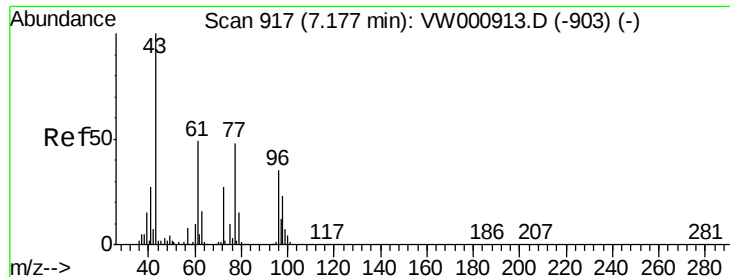
98 6.9 3.6 10.8

100 5.3 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 88.18 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

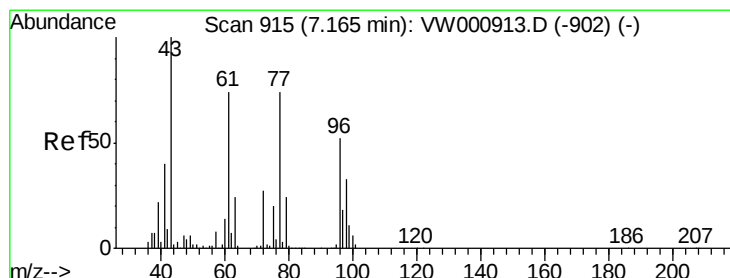
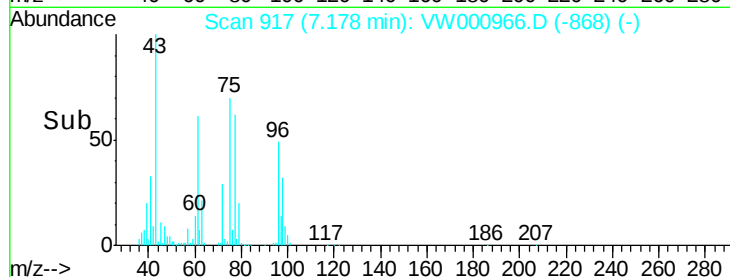
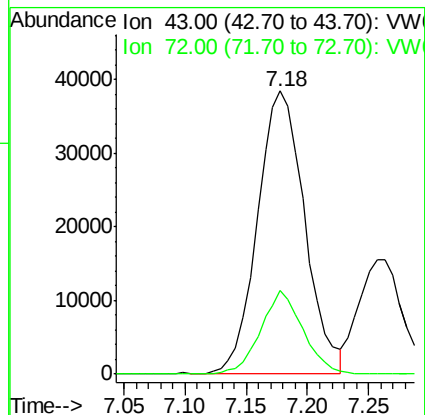
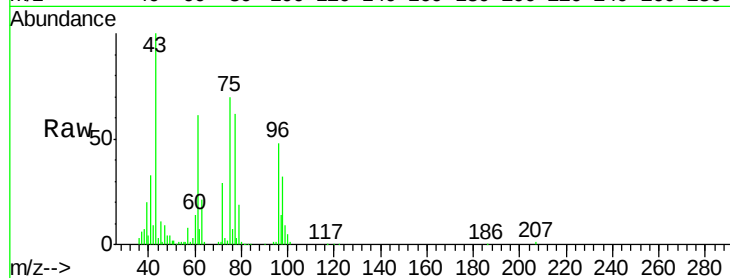
VW0124SBSD02

Tgt Ion: 43 Resp: 103540

Ion Ratio Lower Upper

43 100

72 29.4 21.5 32.3



#26

2,2-Dichloropropane

Concen: 19.04 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW000966.D

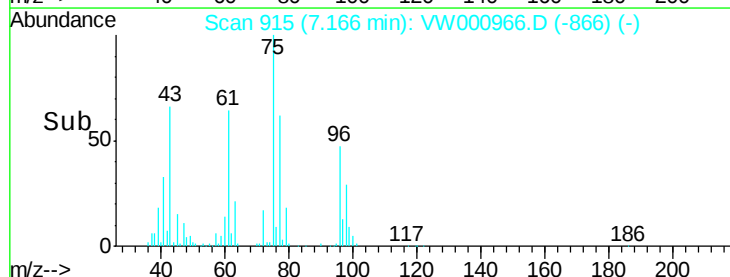
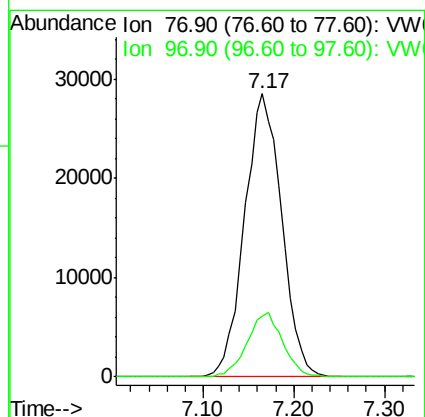
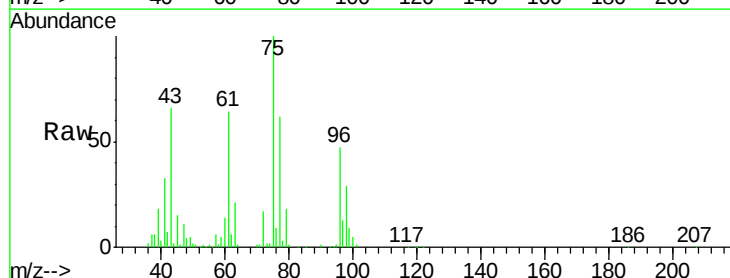
Acq: 24 Jan 2018 23:35

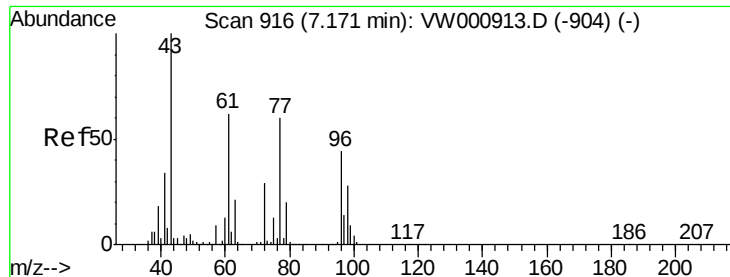
Tgt Ion: 77 Resp: 80776

Ion Ratio Lower Upper

77 100

97 21.7 11.8 35.3



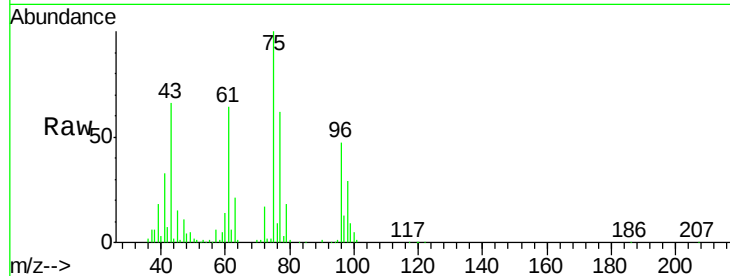


#27

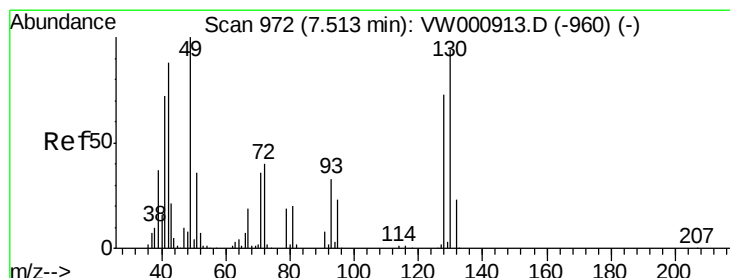
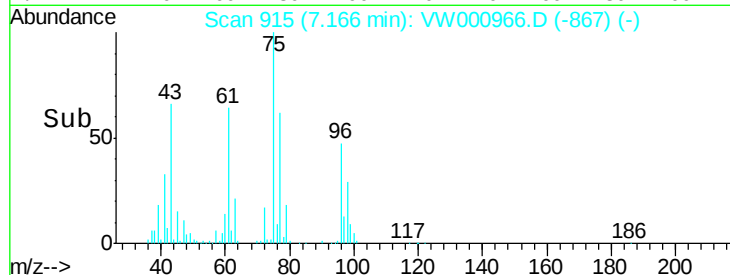
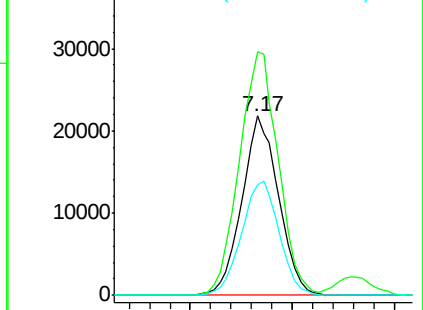
cis-1,2-Dichloroethene
Concen: 20.16 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tgt Ion: 96 Resp: 54331
Ion Ratio Lower Upper
96 100
61 144.2 0.0 279.8
98 65.3 0.0 127.6



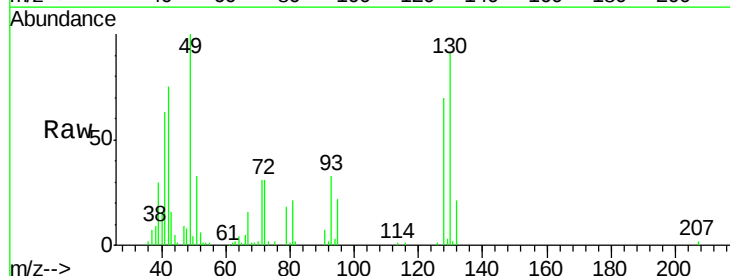
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



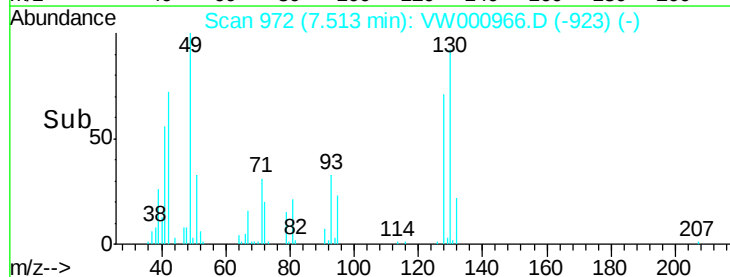
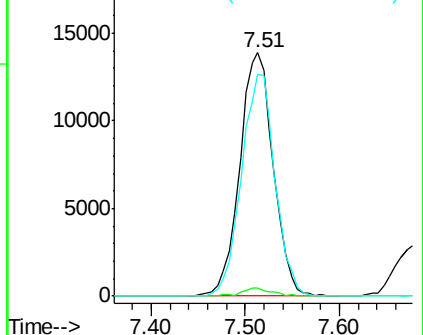
#28

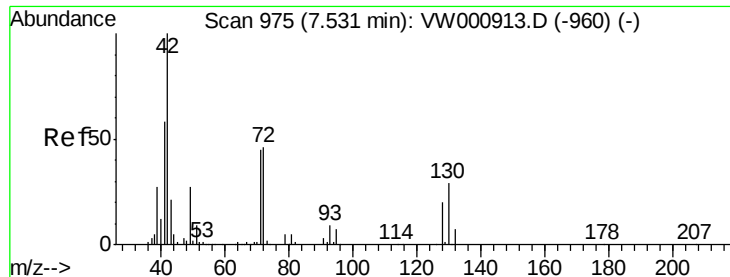
Bromochloromethane
Concen: 19.59 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 49 Resp: 34482
Ion Ratio Lower Upper
49 100
129 2.8 0.0 2.8#
130 91.4 73.8 110.6



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





#29

Tetrahydrofuran

Concen: 90.33 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

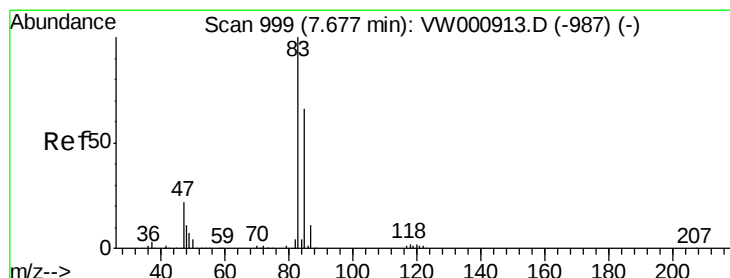
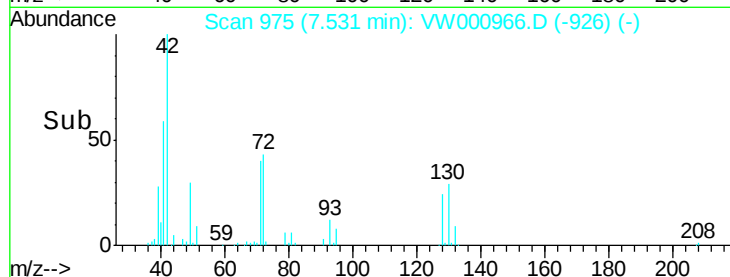
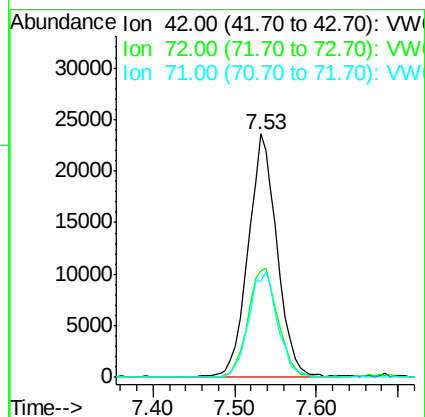
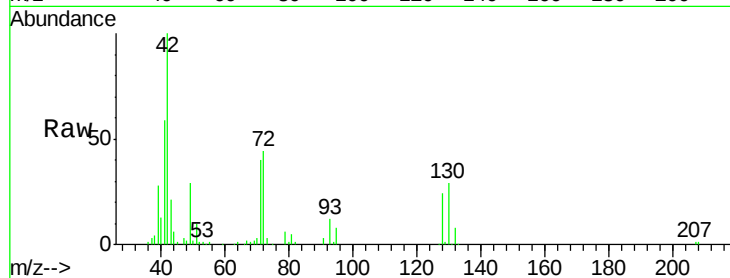
Tgt Ion: 42 Resp: 58361

Ion Ratio Lower Upper

42 100

72 46.5 37.1 55.7

71 43.3 34.9 52.3



#30

Chloroform

Concen: 20.12 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW000966.D

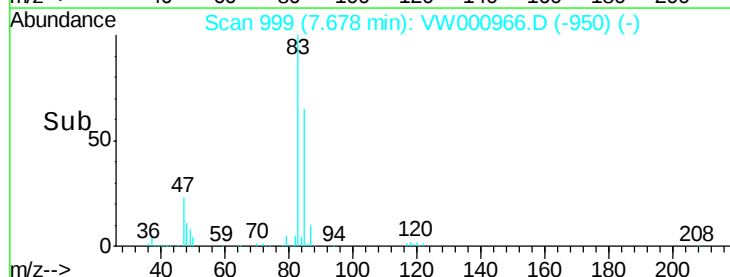
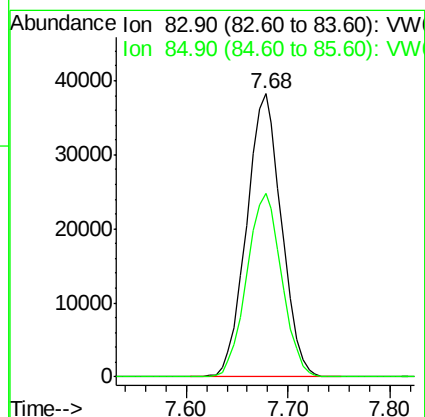
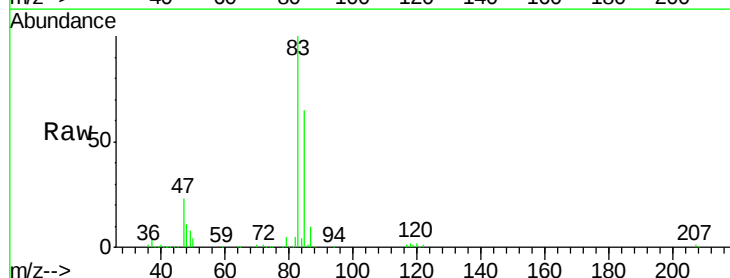
Acq: 24 Jan 2018 23:35

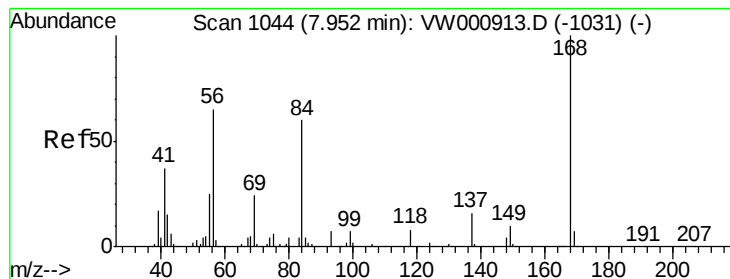
Tgt Ion: 83 Resp: 90934

Ion Ratio Lower Upper

83 100

85 64.7 52.5 78.7





#31

Cyclohexane

Concen: 19.04 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

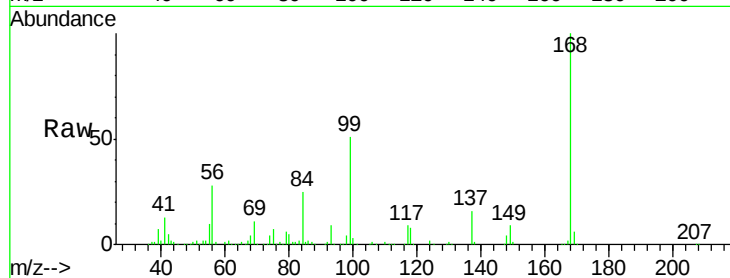
Tgt Ion: 56 Resp: 82355

Ion Ratio Lower Upper

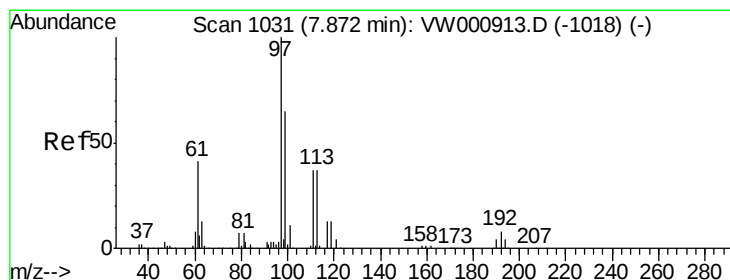
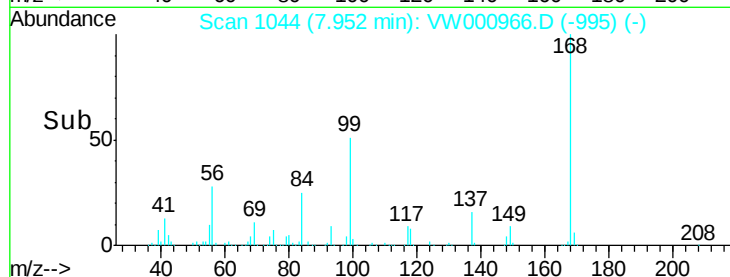
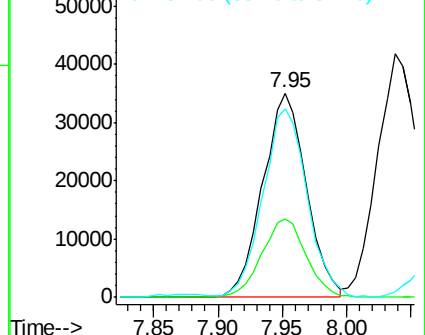
56 100

69 38.5 29.2 43.8

84 91.0 73.6 110.4



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: 19.58 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

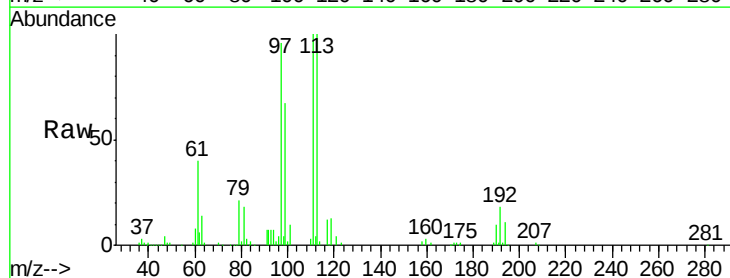
Tgt Ion: 97 Resp: 85527

Ion Ratio Lower Upper

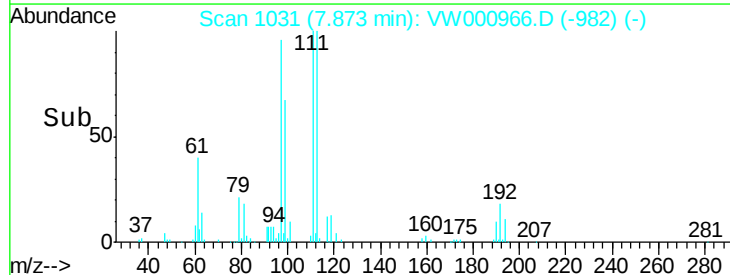
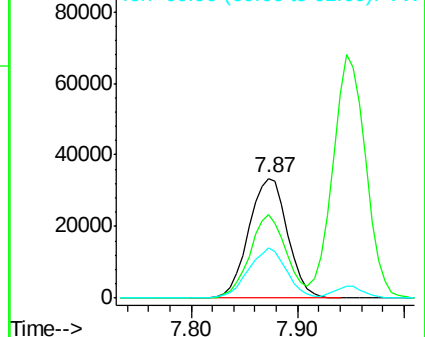
97 100

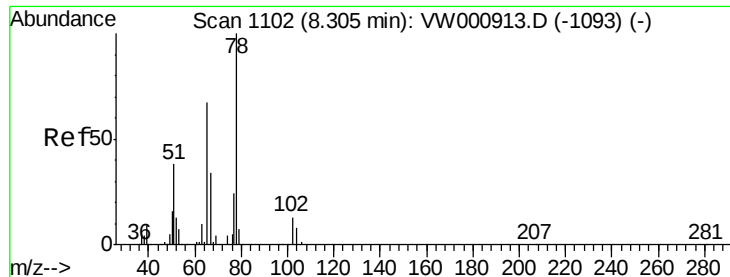
99 66.1 52.6 78.8

61 41.1 32.9 49.3



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

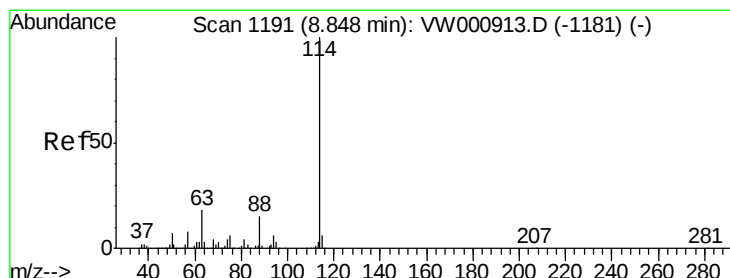
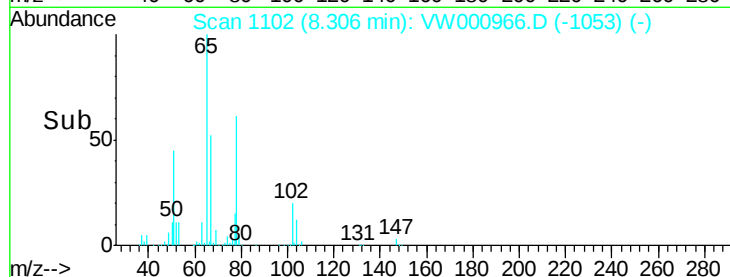
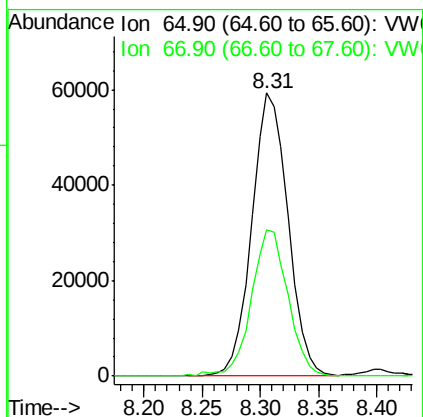
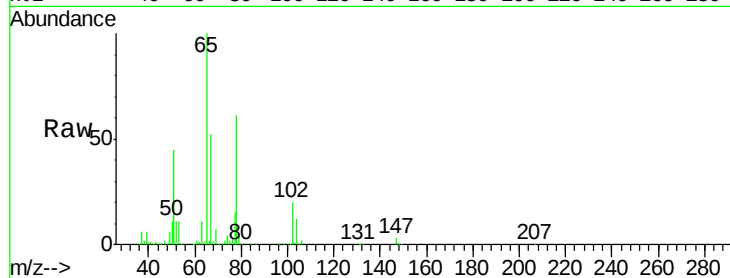




#33
 1,2-Dichloroethane-d4
 Concen: 48.49 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

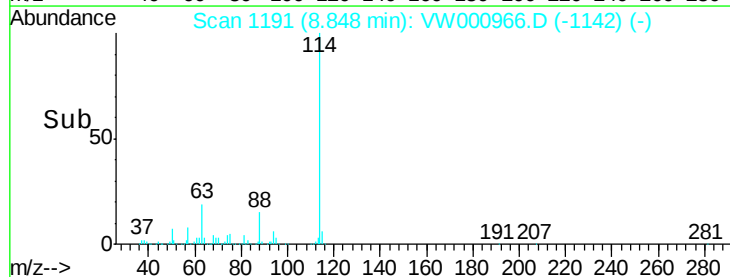
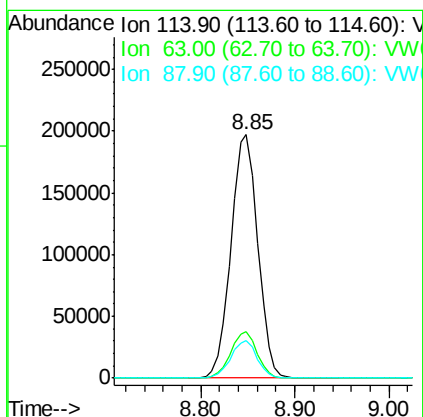
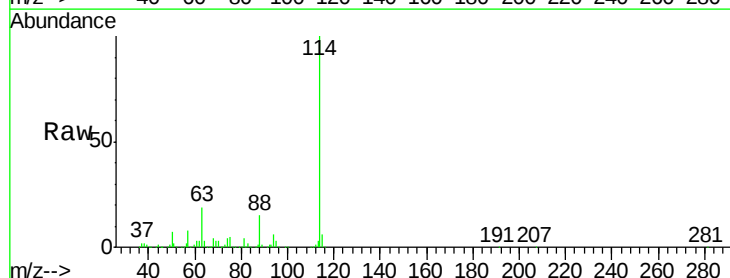
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

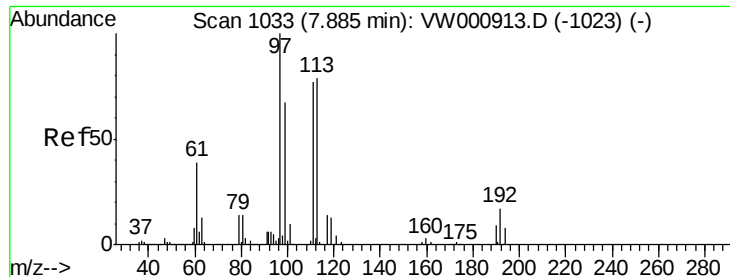
Tgt Ion: 65 Resp: 128713
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion: 114 Resp: 390208
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.8
 88 15.2 0.0 29.8

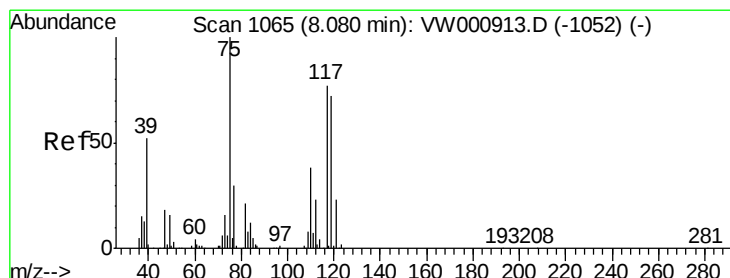
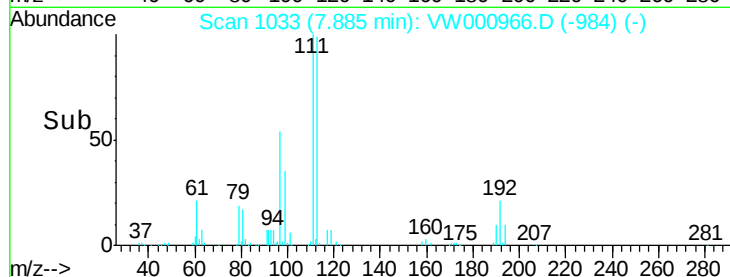
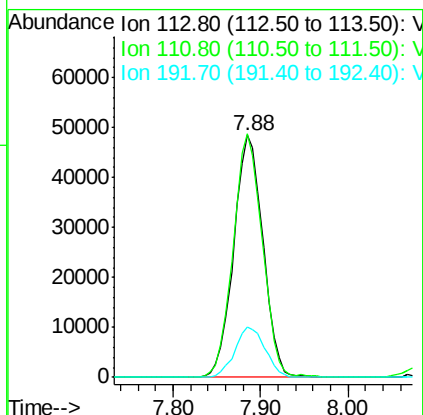
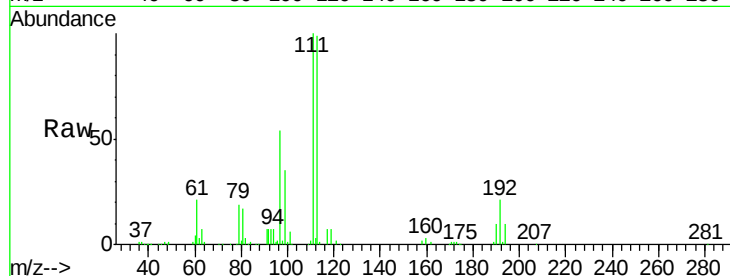




#35
 Dibromofluoromethane
 Concen: 47.21 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

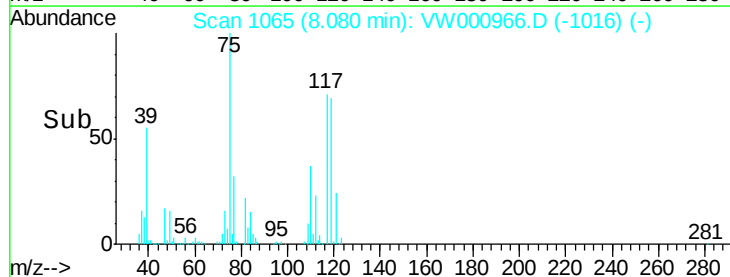
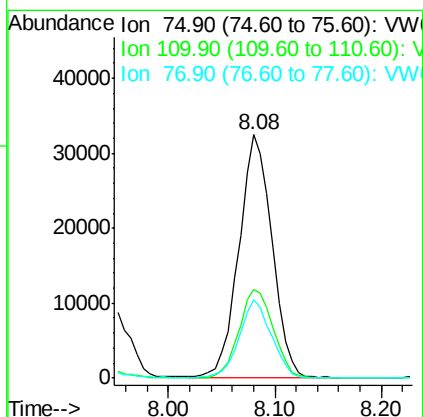
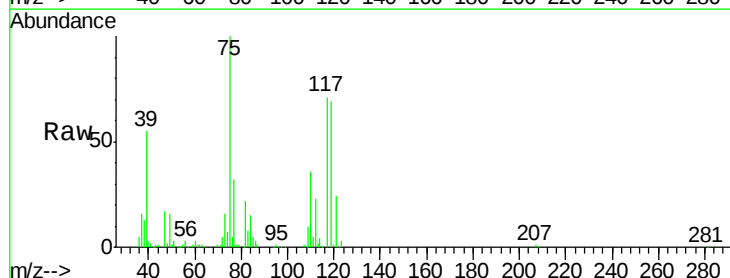
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

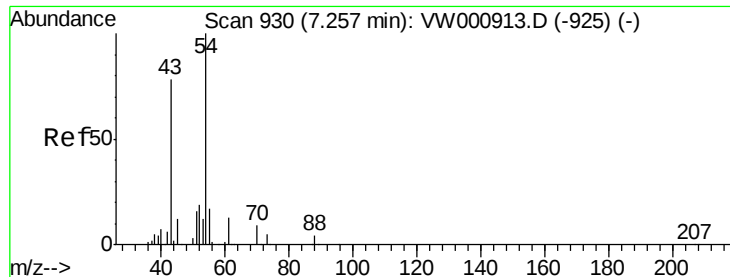
Tgt Ion:113 Resp: 112846
 Ion Ratio Lower Upper
 113 100
 111 100.2 80.4 120.6
 192 21.3 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 19.16 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion: 75 Resp: 71348
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.6 56.0
 77 31.3 24.6 36.8

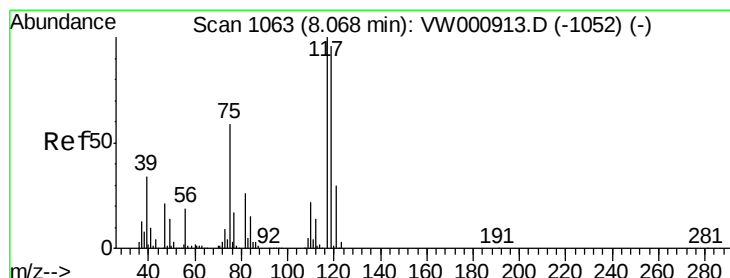
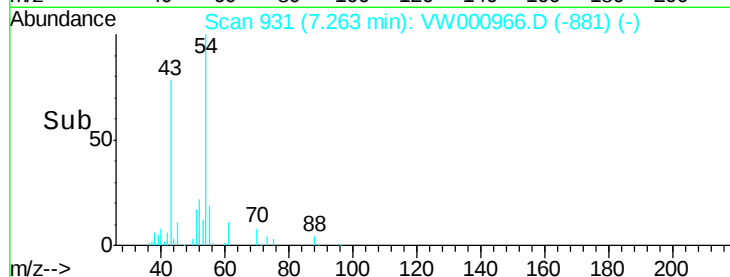
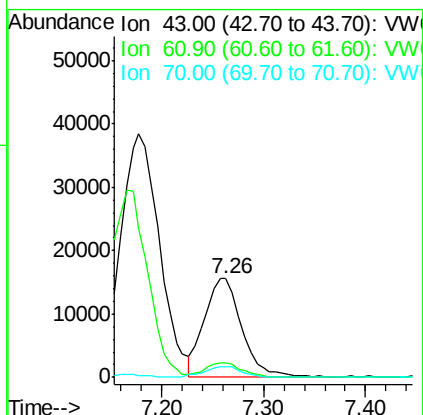
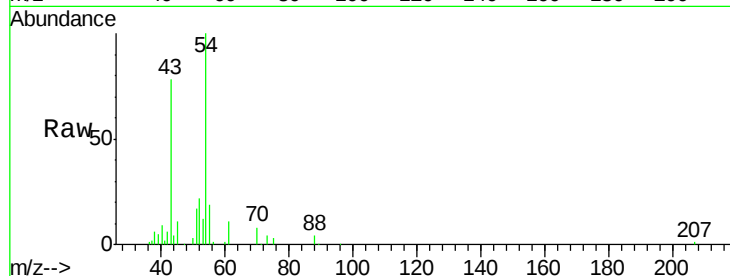




#37
Ethyl Acetate
Concen: 18.84 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

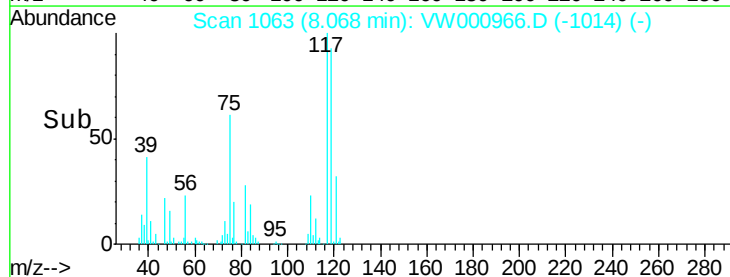
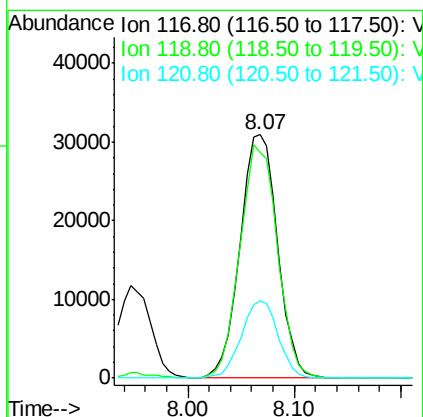
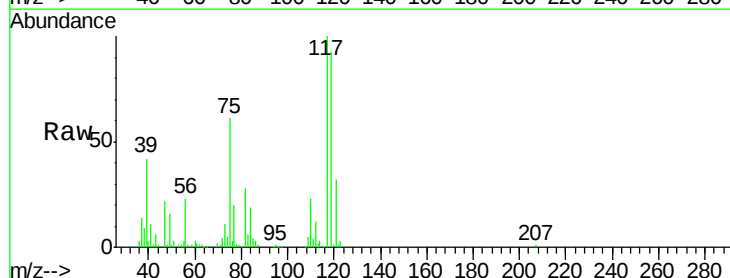
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

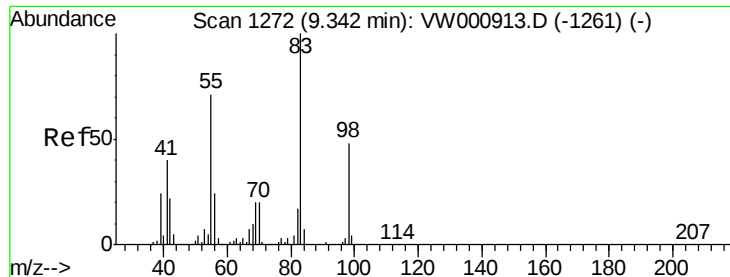
Tgt Ion: 43 Resp: 39594
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.65 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 117 Resp: 76606
Ion Ratio Lower Upper
117 100
119 92.8 76.5 114.7
121 31.8 24.3 36.5

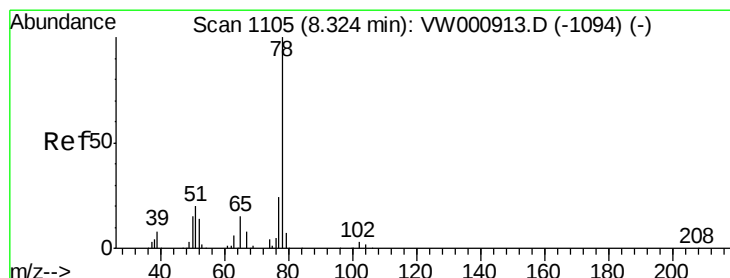
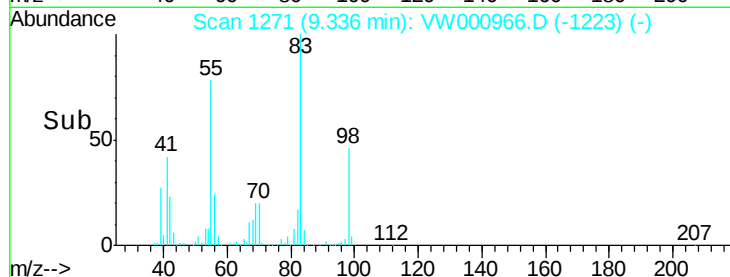
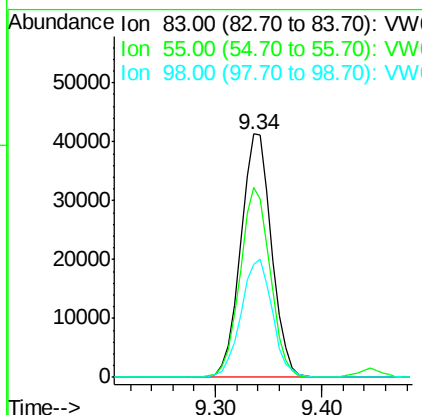
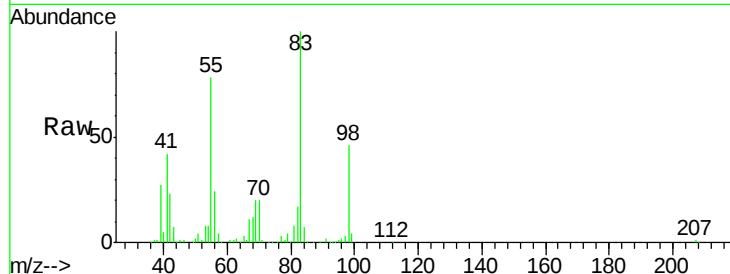




#39
Methylcyclohexane
Concen: 18.77 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

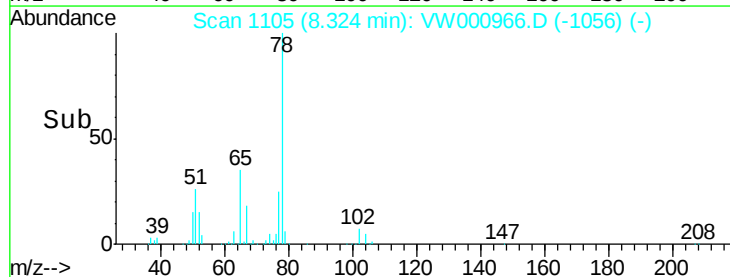
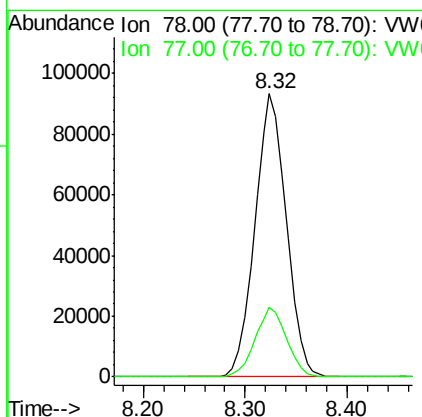
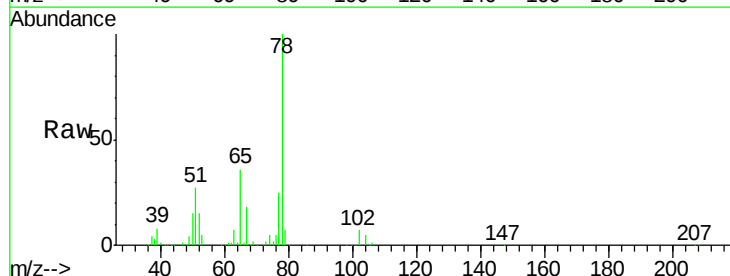
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

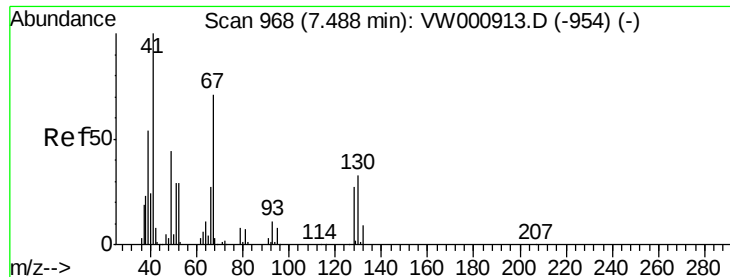
Tgt Ion: 83 Resp: 84192
Ion Ratio Lower Upper
83 100
55 77.7 56.4 84.6
98 46.2 38.2 57.4



#40
Benzene
Concen: 19.72 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 78 Resp: 199663
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6

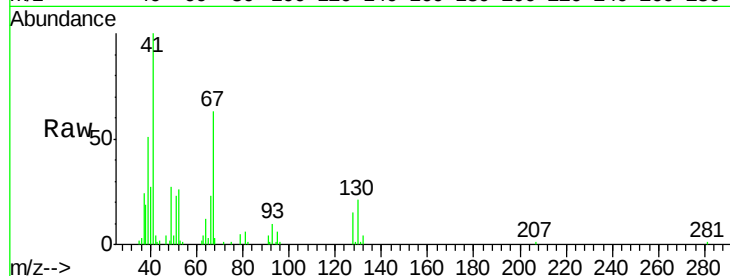




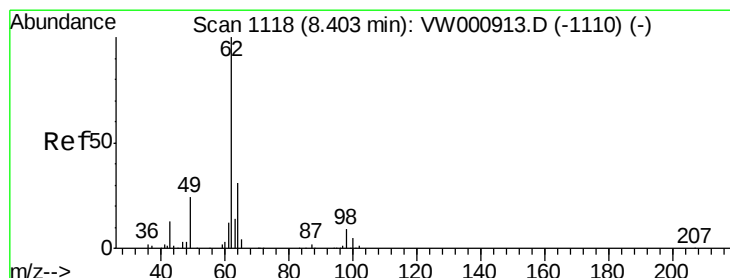
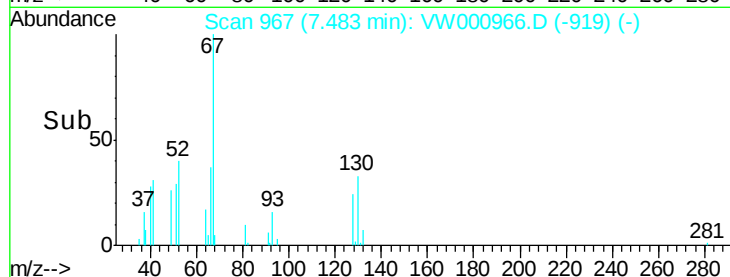
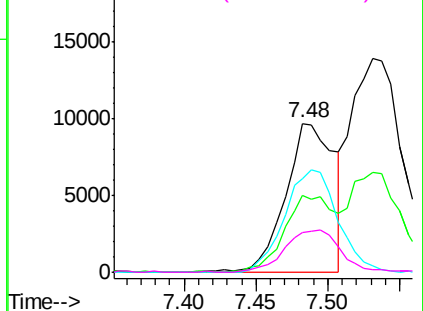
#41
Methacrylonitrile
Concen: 19.29 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

Tgt Ion:	41	Resp:	22748
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.4	65.0
67	75.3	59.0	88.4
52	32.6	24.6	36.8

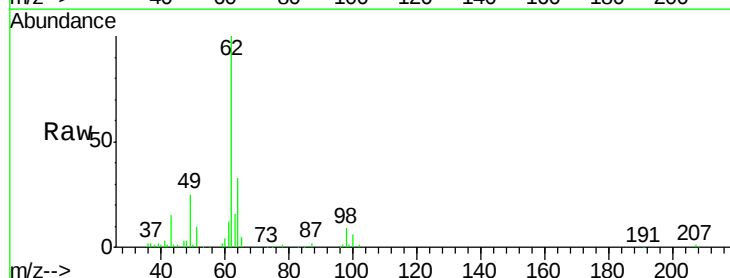


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

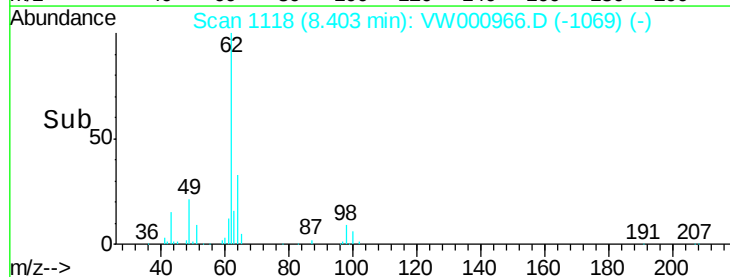
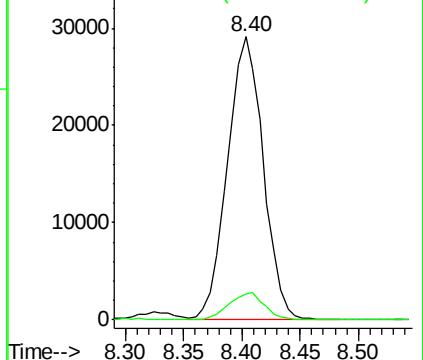


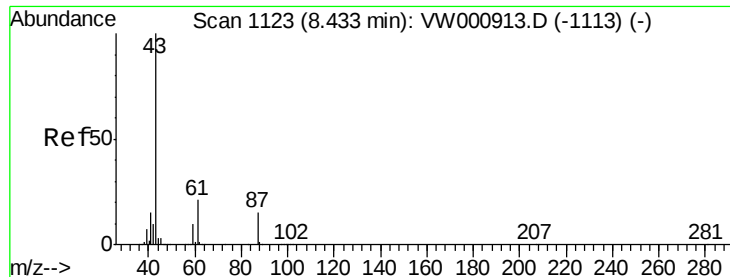
#42
1,2-Dichloroethane
Concen: 19.94 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion:	62	Resp:	62191
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 18.99 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

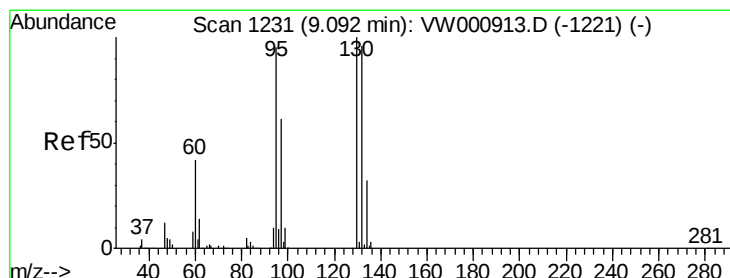
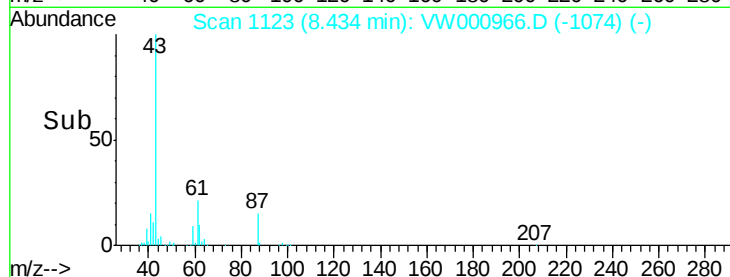
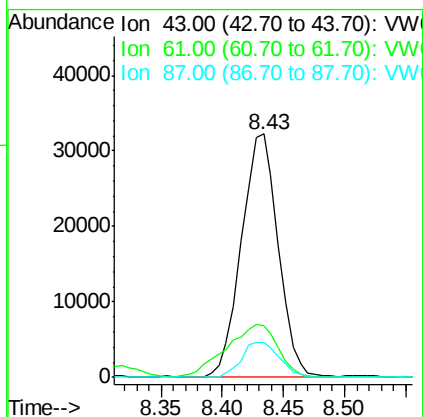
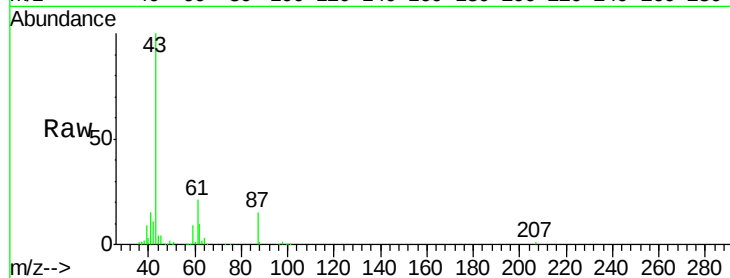
Tgt Ion: 43 Resp: 67647

Ion Ratio Lower Upper

43 100

61 30.2 23.6 35.4

87 14.8 11.7 17.5



#44

Trichloroethene

Concen: 19.74 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW000966.D

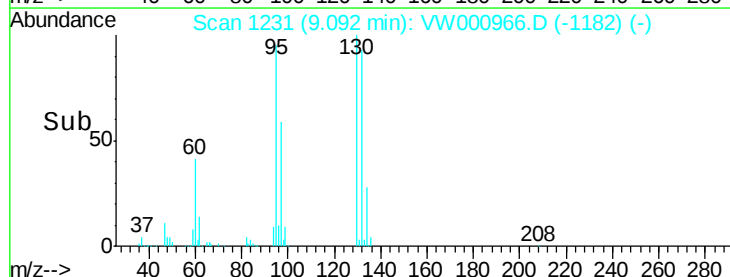
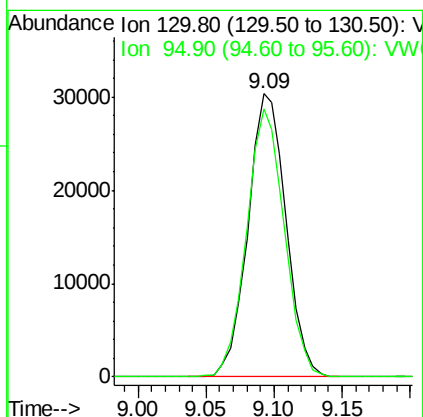
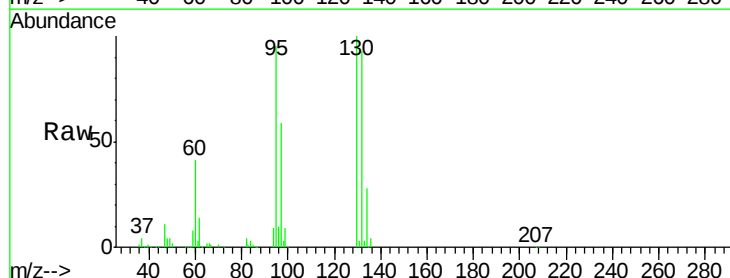
Acq: 24 Jan 2018 23:35

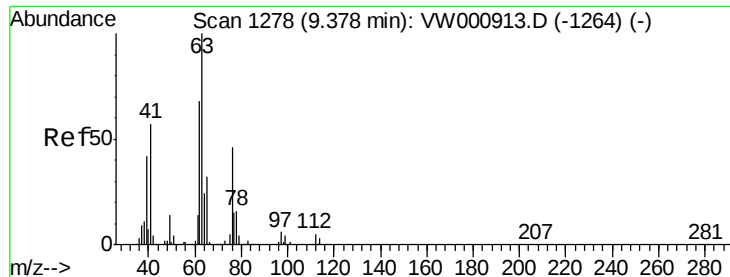
Tgt Ion: 130 Resp: 59369

Ion Ratio Lower Upper

130 100

95 94.8 0.0 190.4

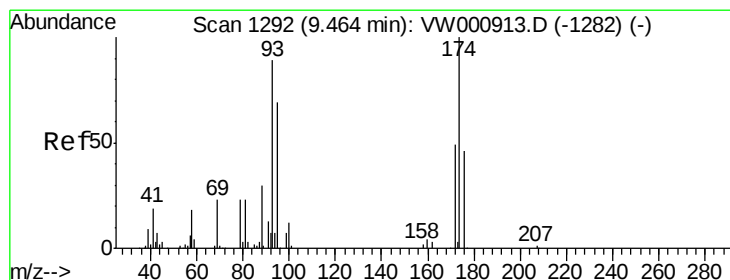
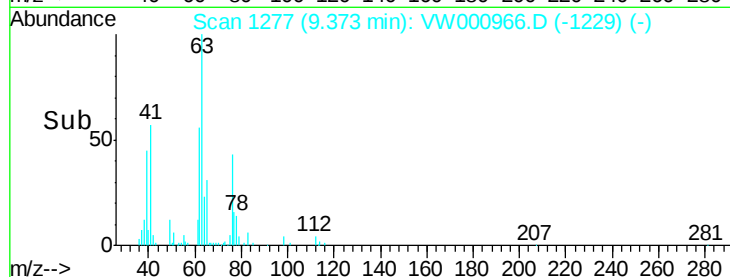
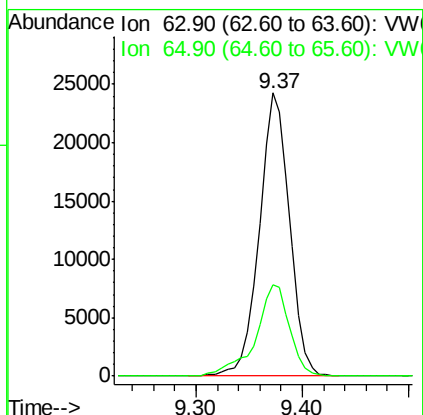
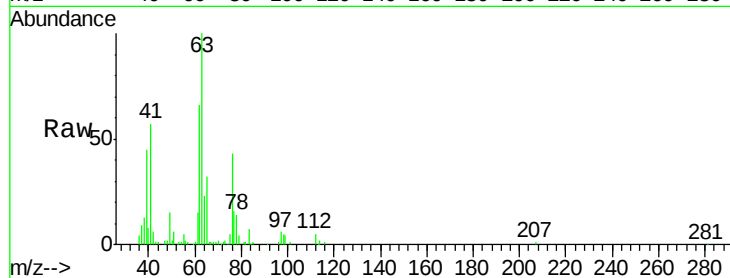




#45
1,2-Dichloropropane
Concen: 20.35 ug/l
RT: 9.37 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

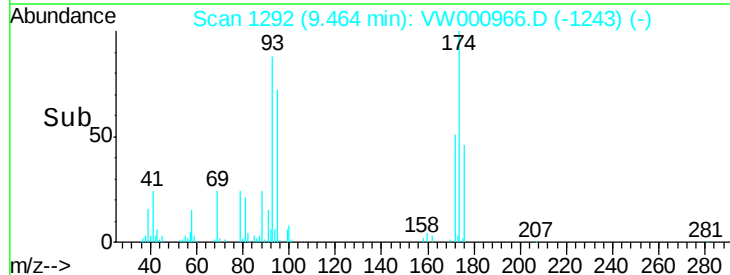
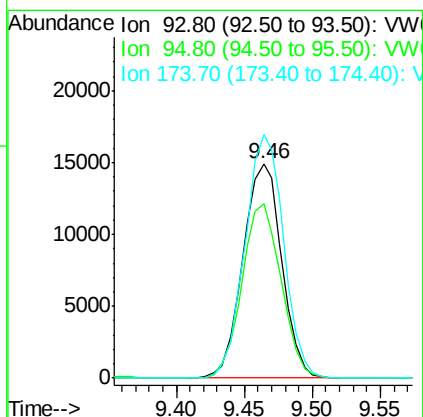
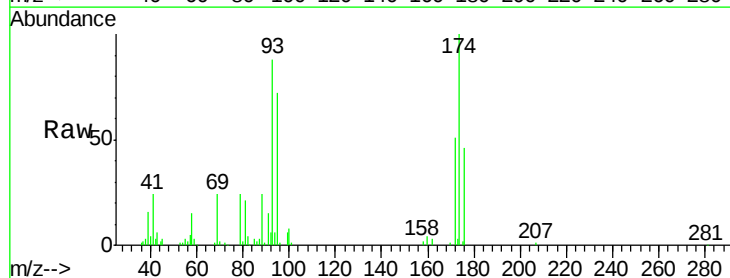
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

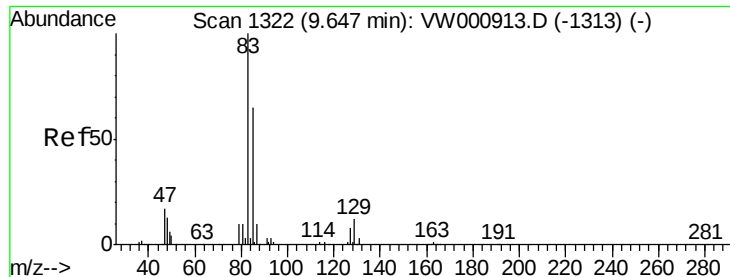
Tgt Ion: 63 Resp: 48071
Ion Ratio Lower Upper
63 100
65 32.1 25.2 37.8



#46
Dibromomethane
Concen: 19.73 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 93 Resp: 29776
Ion Ratio Lower Upper
93 100
95 82.0 65.8 98.6
174 113.1 89.0 133.6





#47

Bromodichloromethane

Concen: 20.08 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

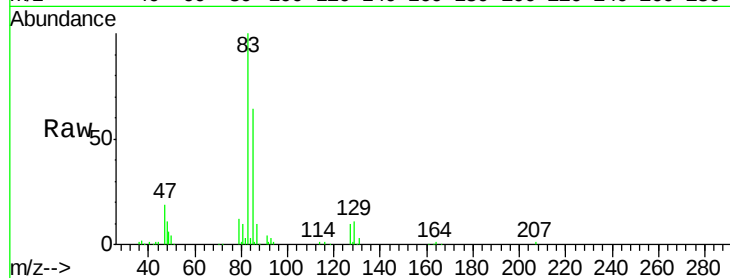
Tgt Ion: 83 Resp: 67013

Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0

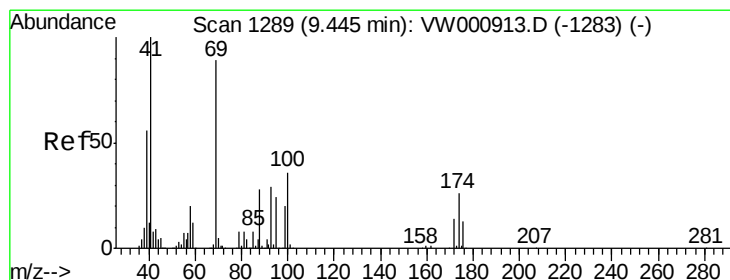
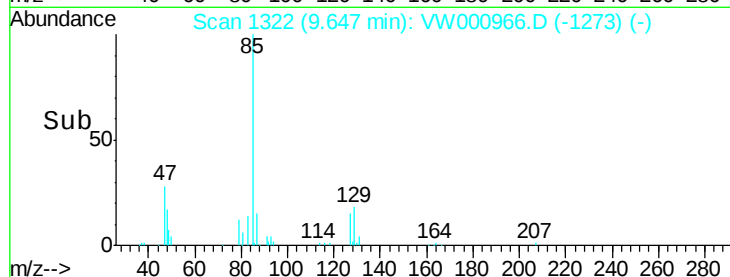
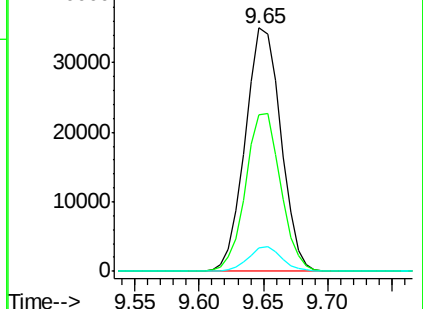
127 9.9 6.8 10.2



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: 19.22 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

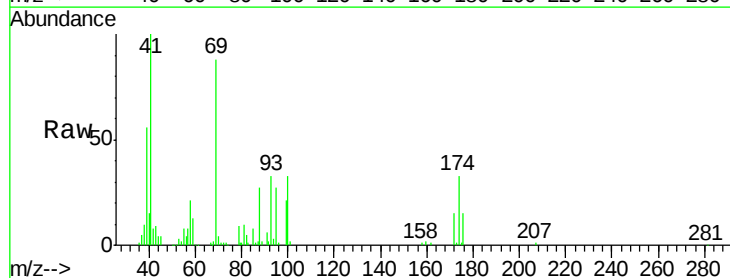
Tgt Ion: 41 Resp: 32881

Ion Ratio Lower Upper

41 100

69 91.6 72.9 109.3

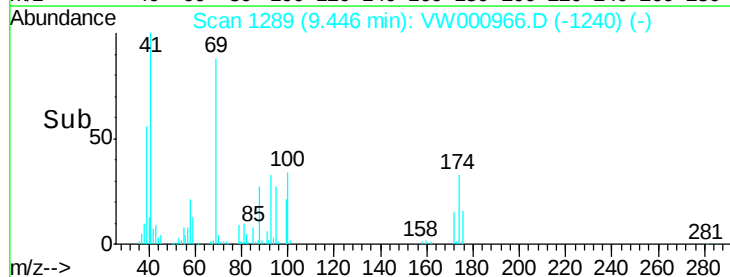
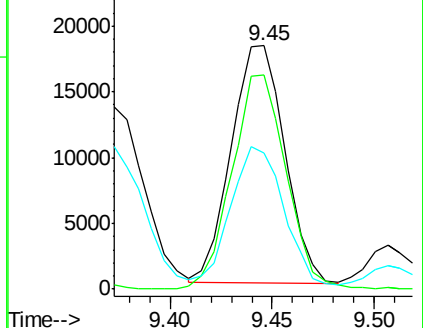
39 60.9 48.4 72.6

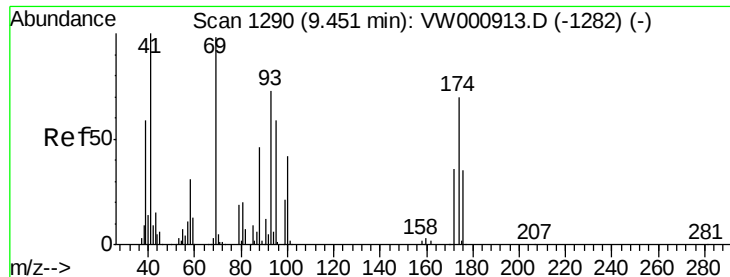


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 366.17 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

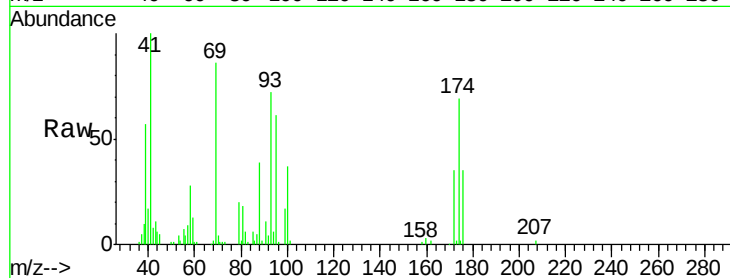
Tgt Ion: 88 Resp: 12077

Ion Ratio Lower Upper

88 100

43 29.7 24.5 36.7

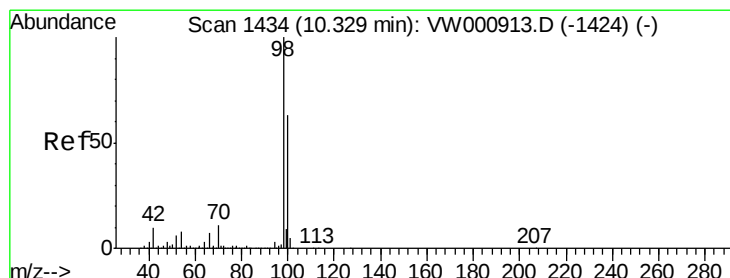
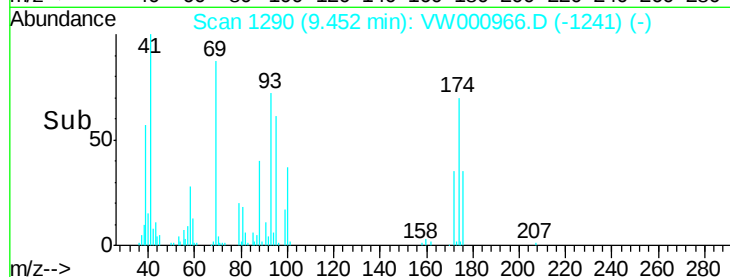
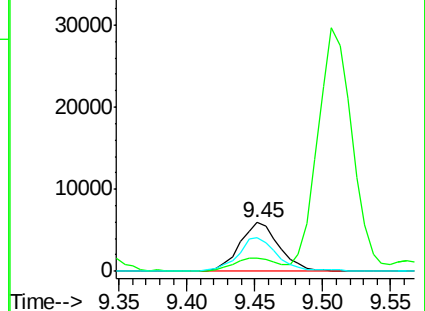
58 68.4 54.7 82.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.66 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW000966.D

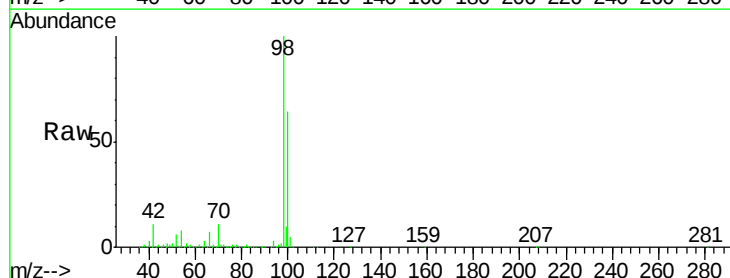
Acq: 24 Jan 2018 23:35

Tgt Ion: 98 Resp: 458612

Ion Ratio Lower Upper

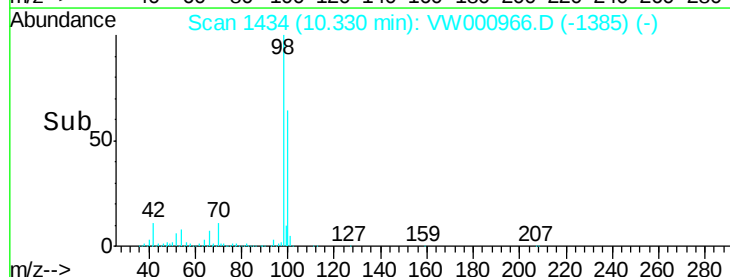
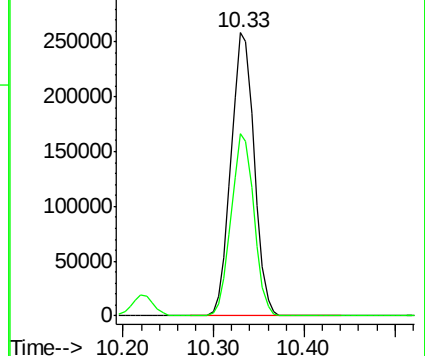
98 100

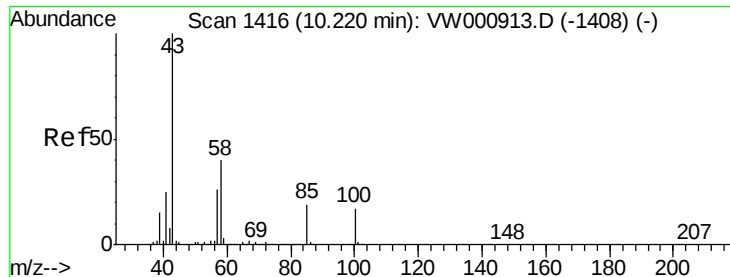
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

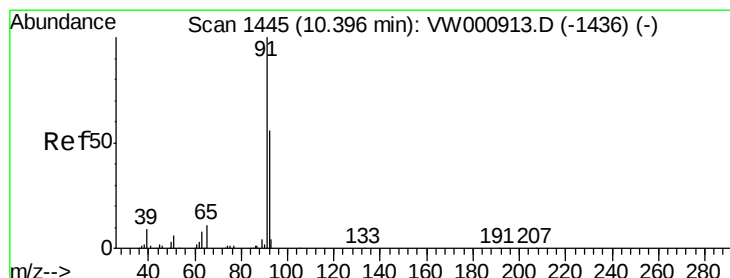
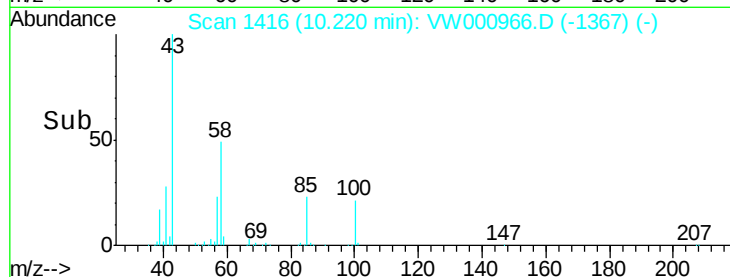
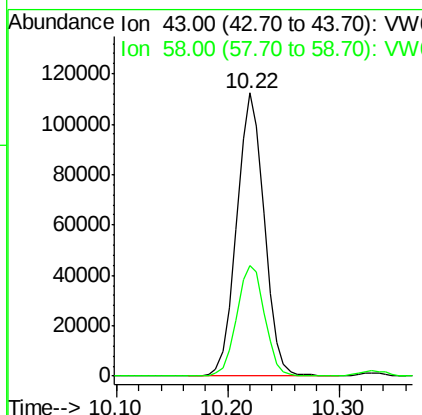
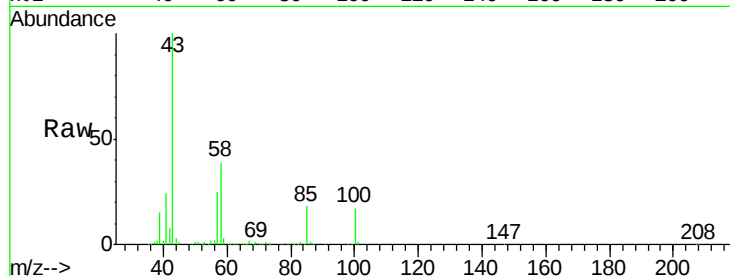




#51
 4-Methyl-2-Pentanone
 Concen: 93.63 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

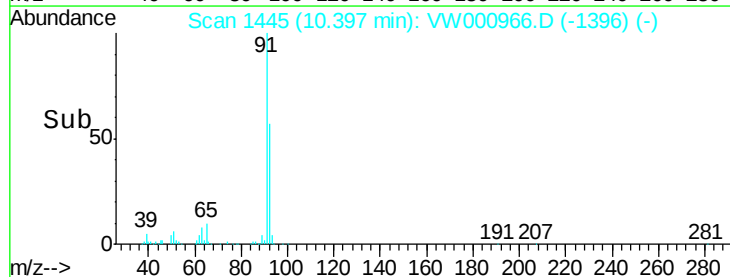
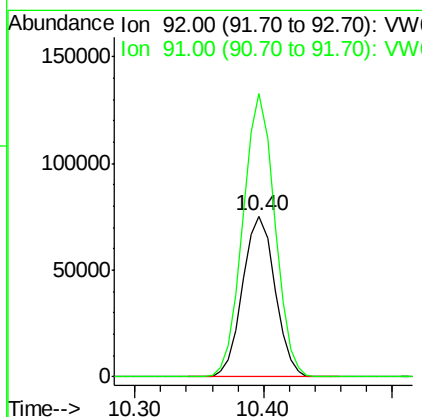
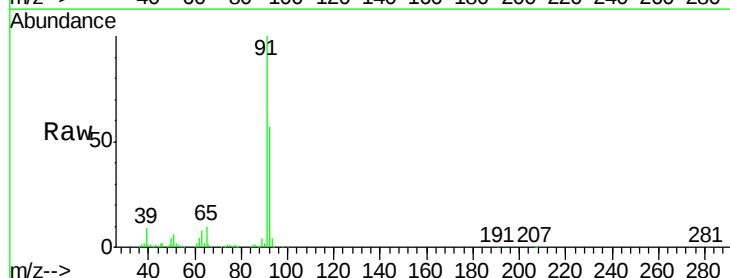
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

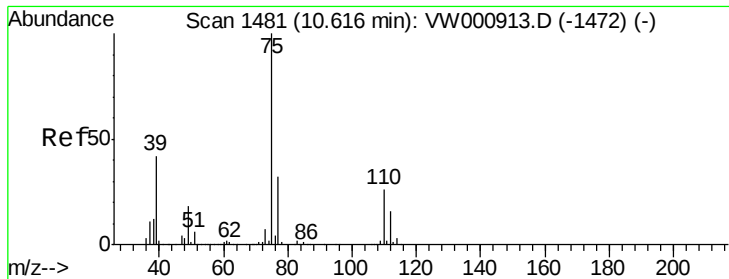
Tgt Ion: 43 Resp: 191942
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.0 48.0



#52
 Toluene
 Concen: 20.43 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion: 92 Resp: 130686
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 19.68 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

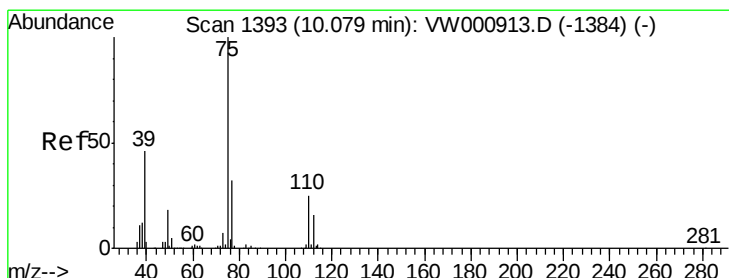
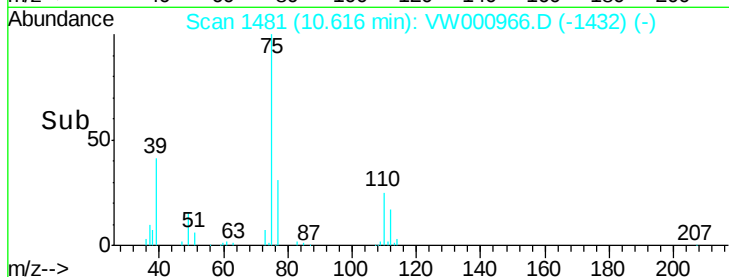
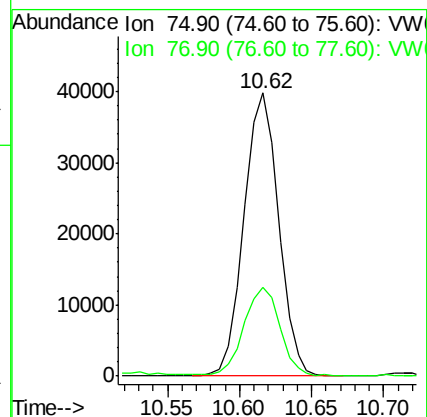
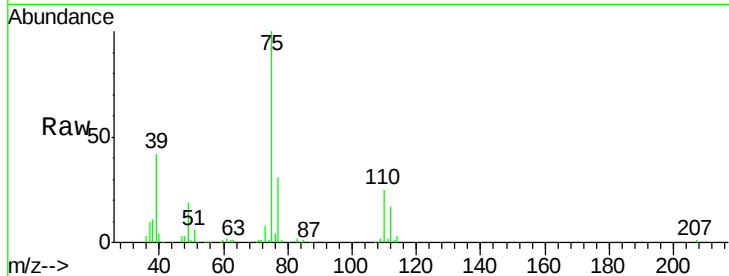
VW0124SBSD02

Tgt Ion: 75 Resp: 66534

Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.02 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

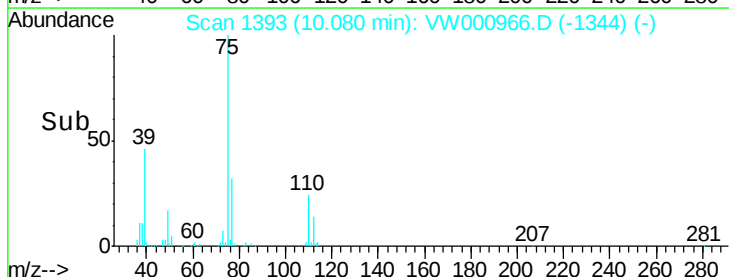
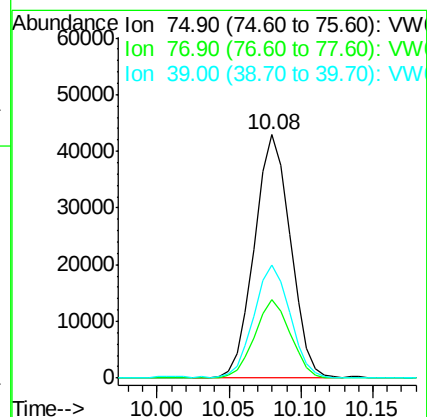
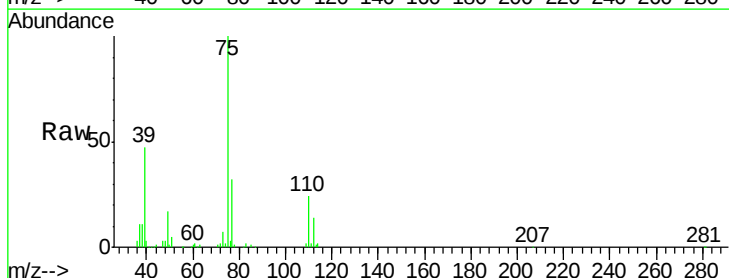
Tgt Ion: 75 Resp: 74466

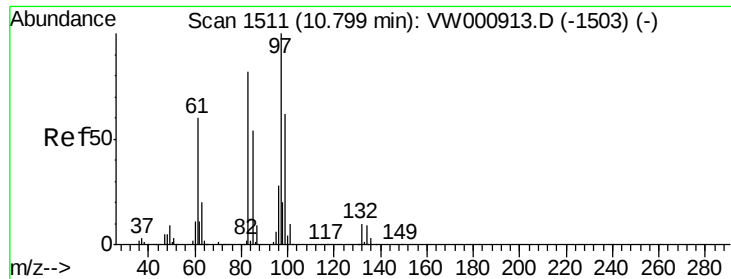
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 46.4 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 20.48 ug/l

RT: 10.80 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

Tgt Ion: 97 Resp: 43150

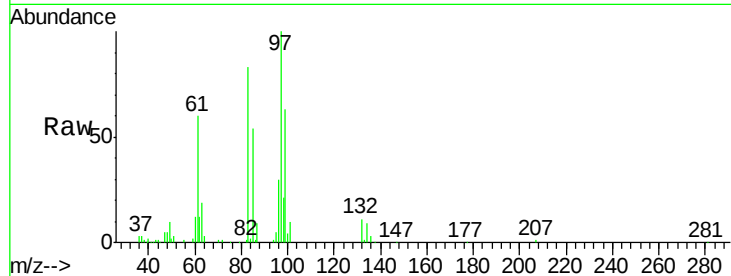
Ion Ratio Lower Upper

97 100

83 83.2 65.2 97.8

85 54.3 43.1 64.7

99 62.8 49.3 73.9

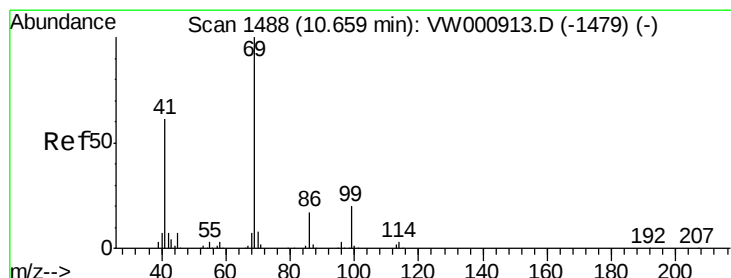
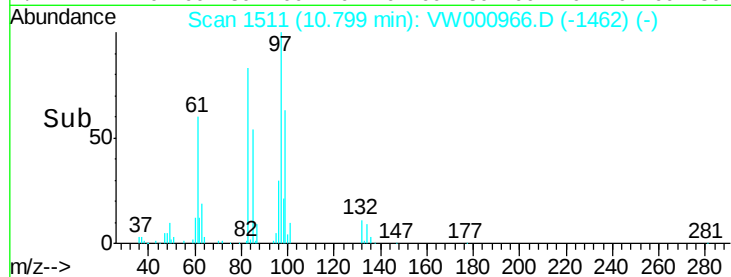
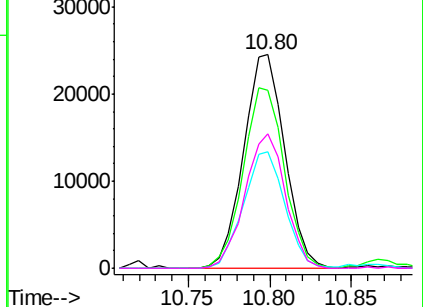


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 19.68 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

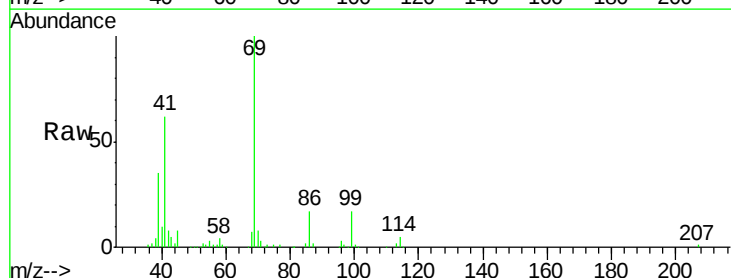
Tgt Ion: 69 Resp: 49674

Ion Ratio Lower Upper

69 100

41 62.7 50.3 75.5

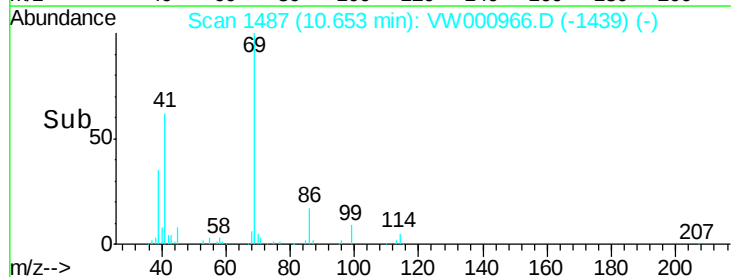
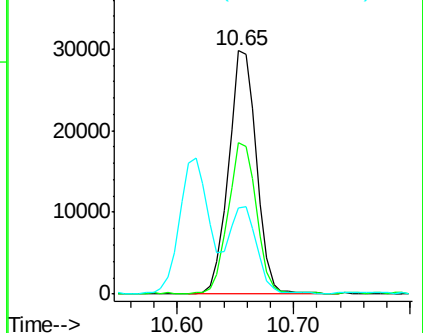
39 36.4 28.6 42.8

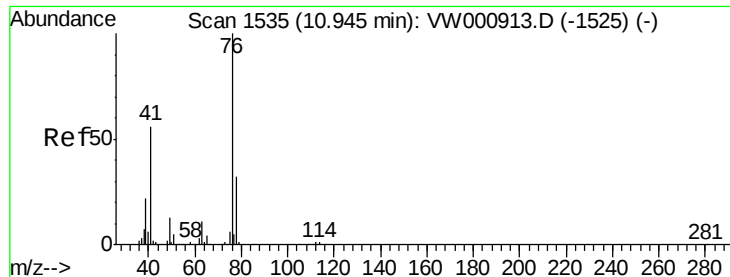


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

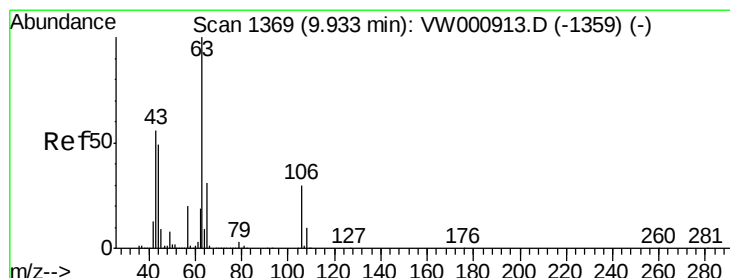
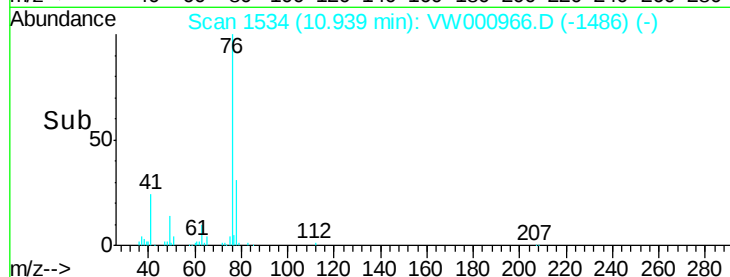
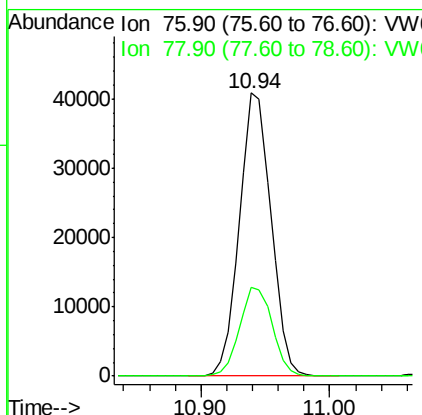
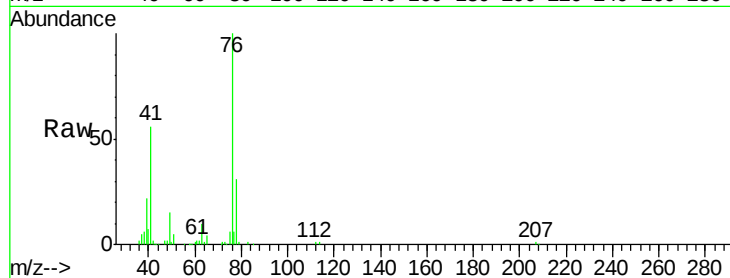




#57
 1,3-Dichloropropane
 Concen: 20.16 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

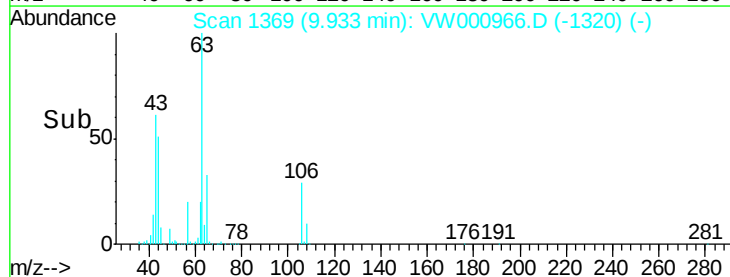
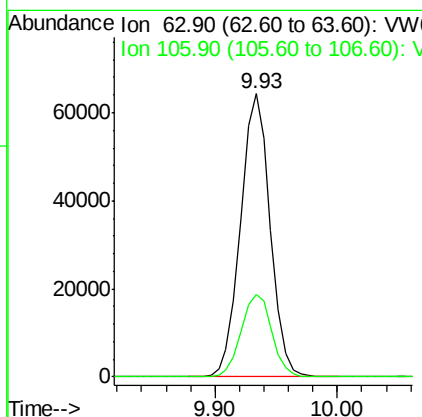
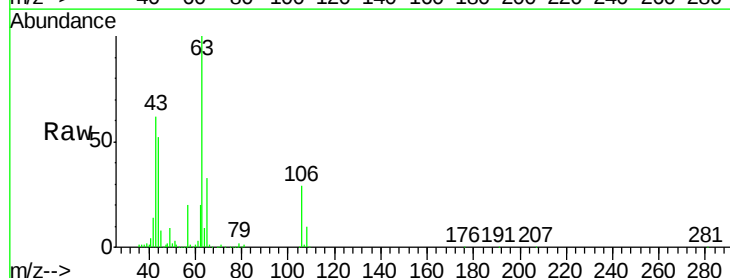
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

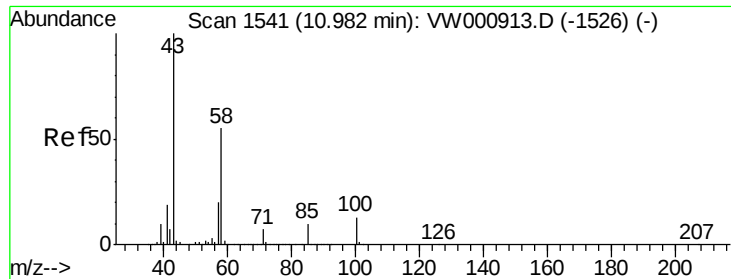
Tgt Ion: 76 Resp: 69383
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.98 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion: 63 Resp: 107681
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.8

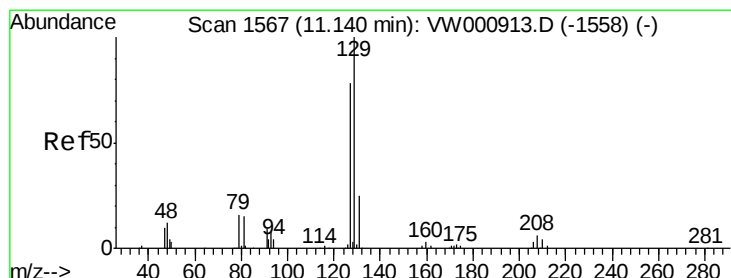
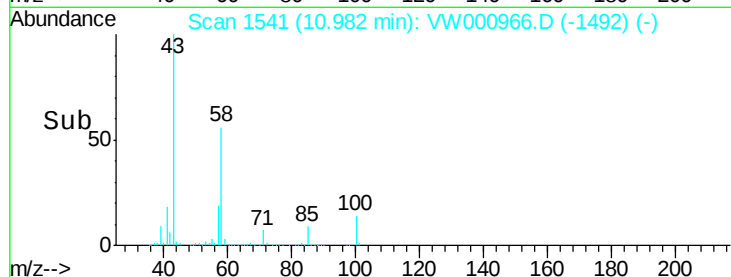
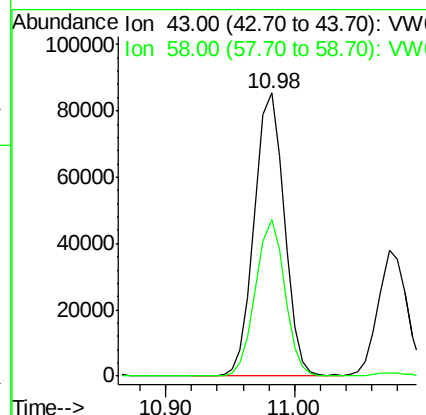
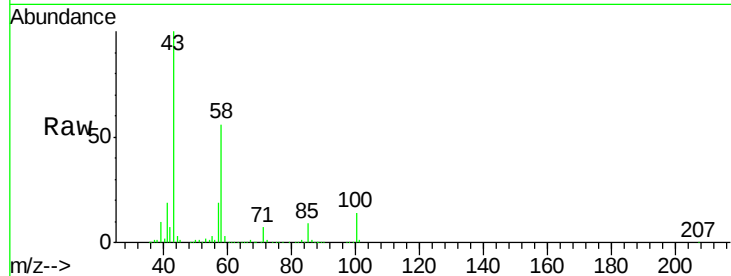




#59
2-Hexanone
Concen: 86.47 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

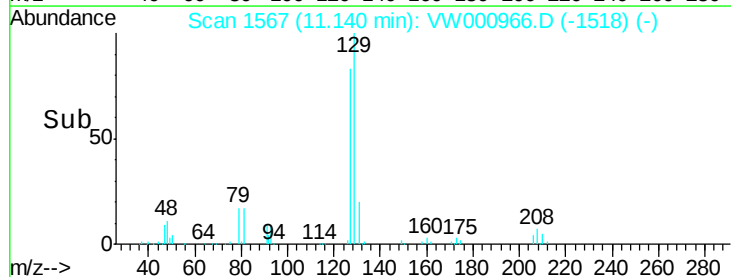
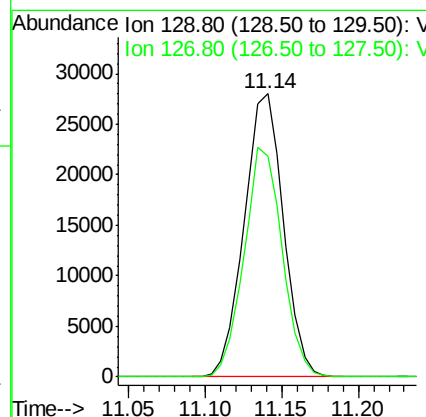
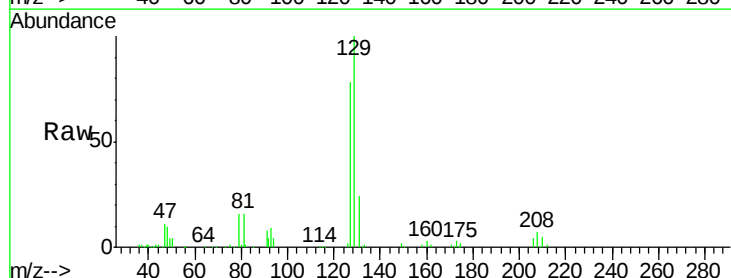
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

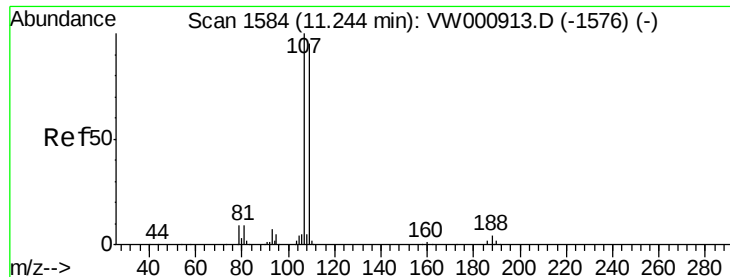
Tgt Ion: 43 Resp: 137464
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.2



#60
Dibromochloromethane
Concen: 19.61 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 129 Resp: 49905
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.66 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

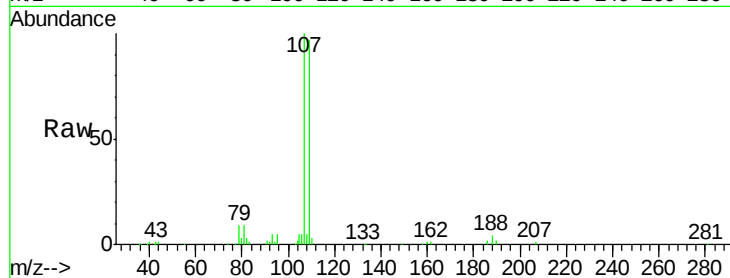
VW0124SBSD02

Tgt Ion: 107 Resp: 43158

Ion Ratio Lower Upper

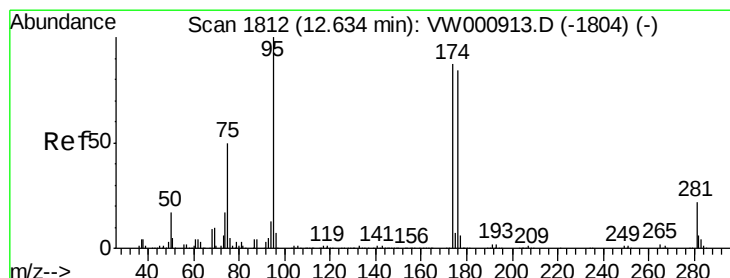
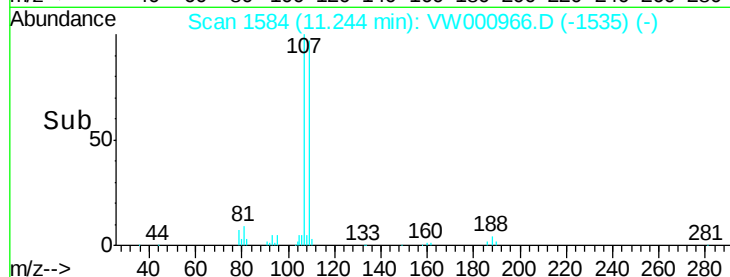
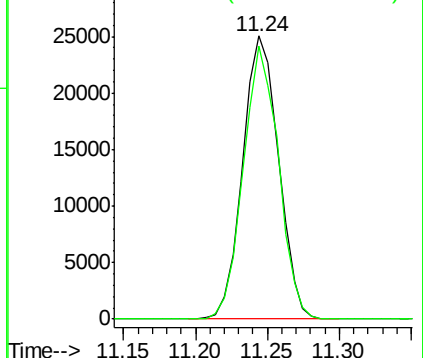
107 100

109 94.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.97 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

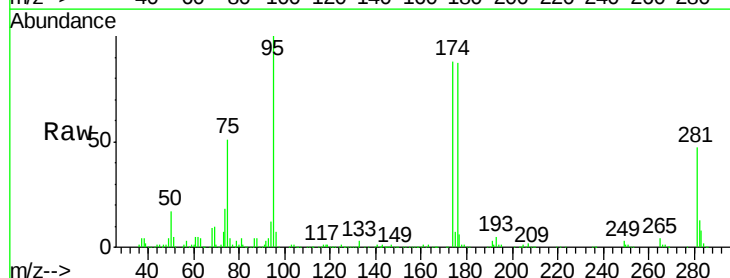
Tgt Ion: 95 Resp: 168056

Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.8

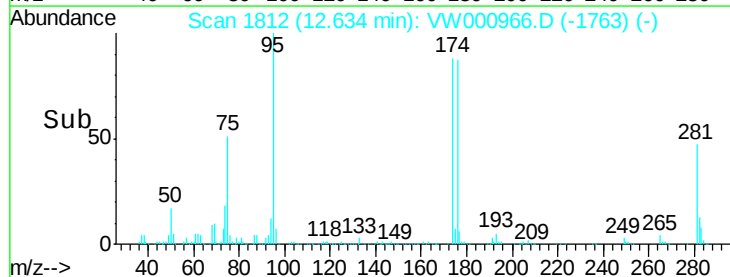
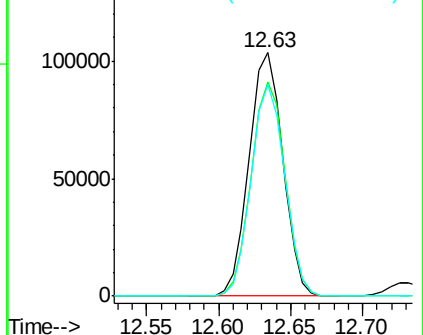
176 86.4 0.0 171.8

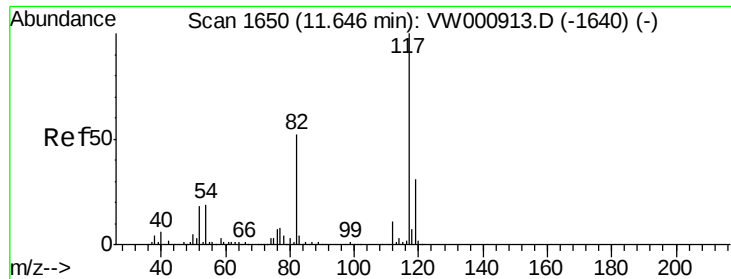


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

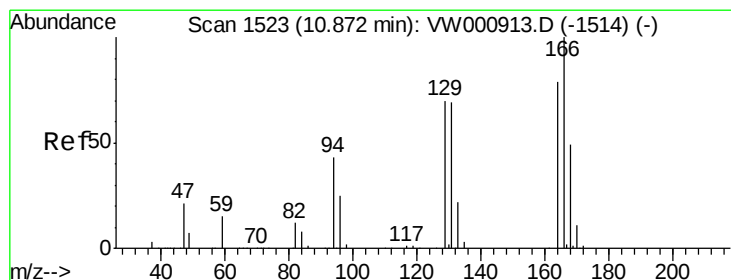
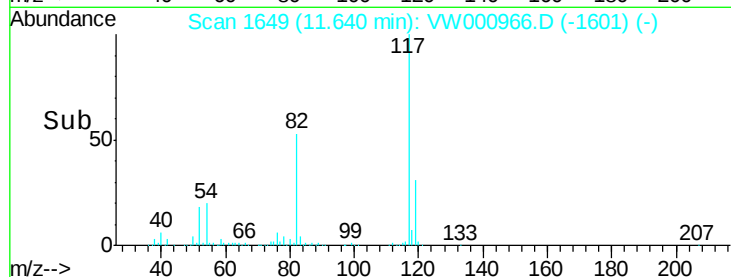
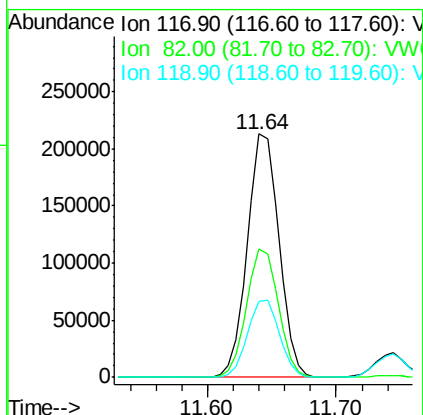
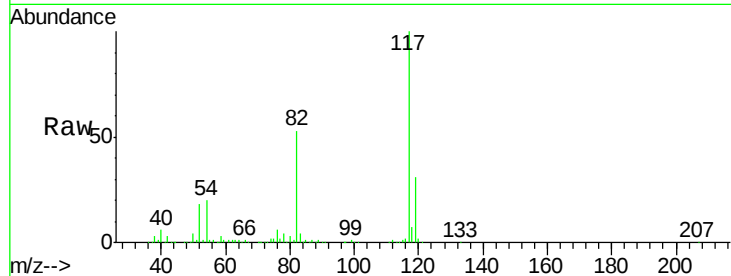




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

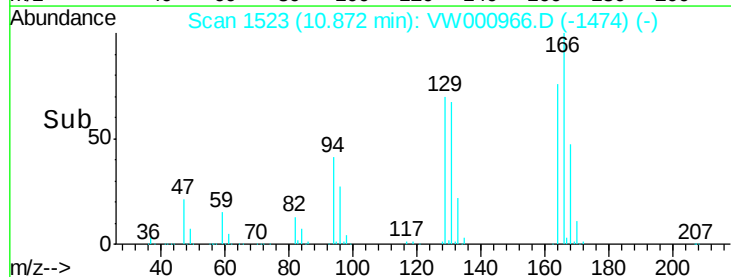
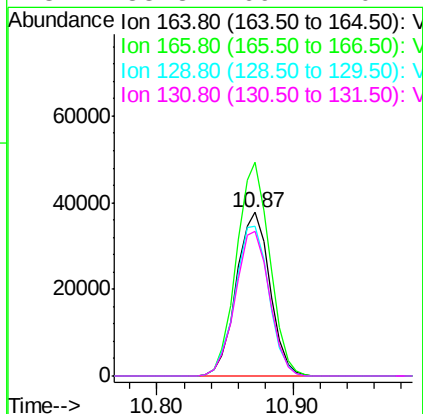
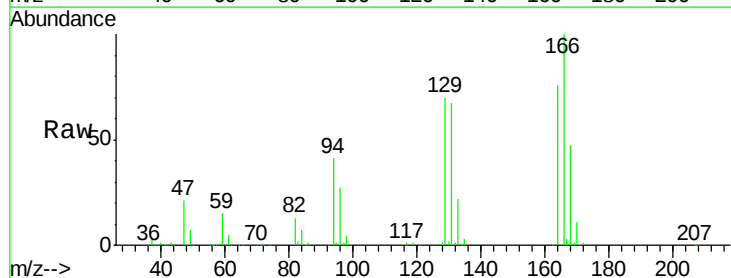
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

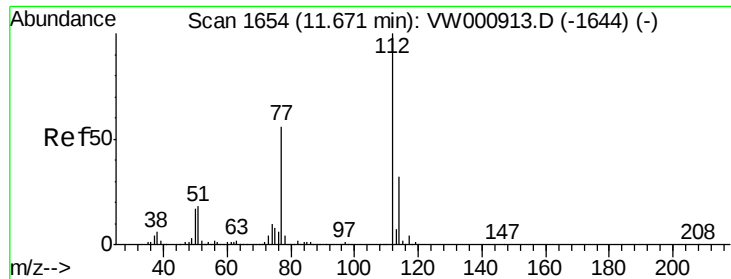
Tgt Ion:117 Resp: 361309
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 31.2 25.2 37.8



#64
Tetrachloroethene
Concen: 21.67 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion:164 Resp: 64975
Ion Ratio Lower Upper
164 100
166 130.8 100.9 151.3
129 91.6 70.5 105.7
131 88.3 69.4 104.2





#65

Chlorobenzene

Concen: 19.99 ug/l

RT: 11.67 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

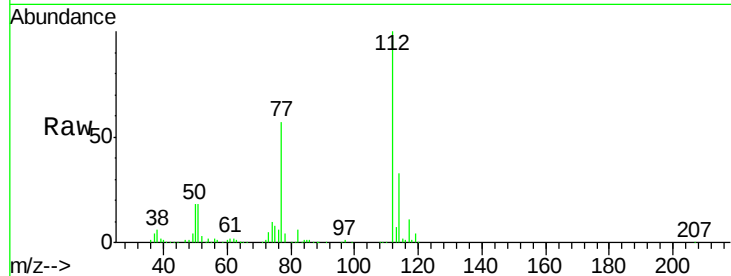
VW0124SBSD02

Tgt Ion:112 Resp: 148215

Ion Ratio Lower Upper

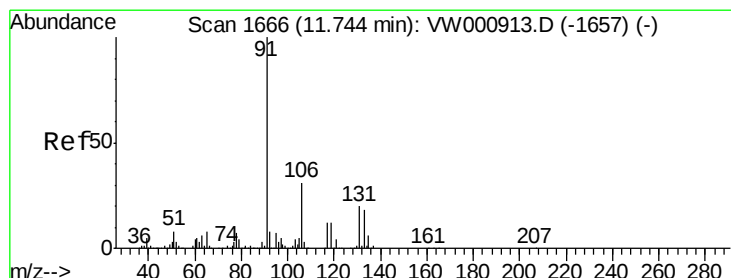
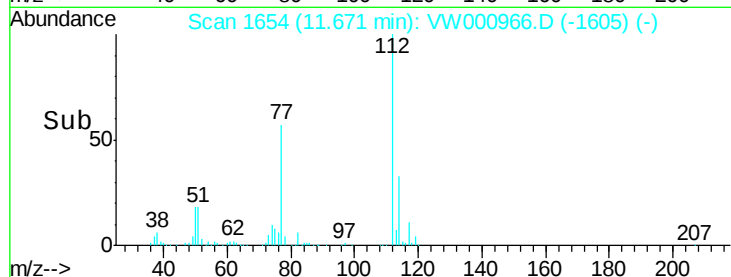
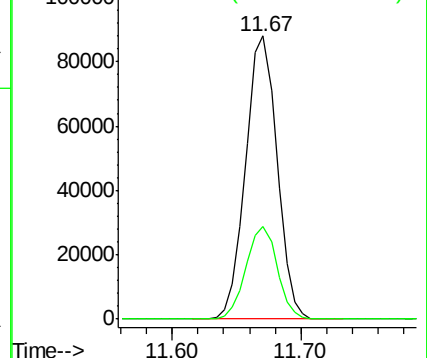
112 100

114 32.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.17 ug/l

RT: 11.74 min Scan# 1666

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

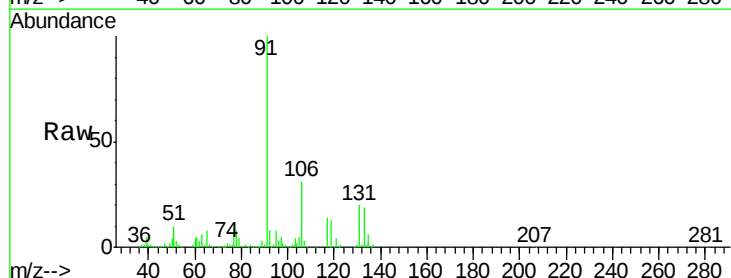
Tgt Ion:131 Resp: 53692

Ion Ratio Lower Upper

131 100

133 93.8 47.3 142.0

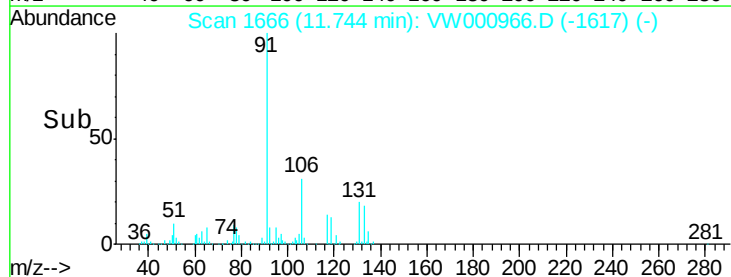
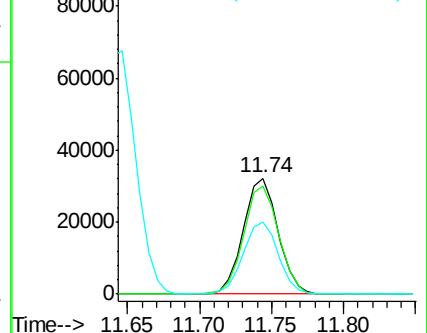
119 62.9 31.6 94.7

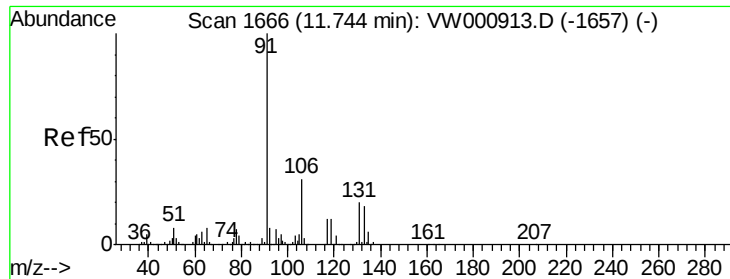


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

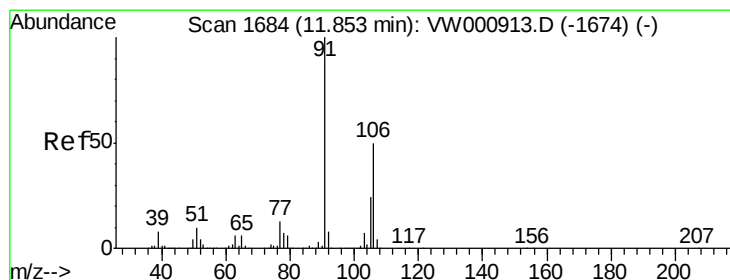
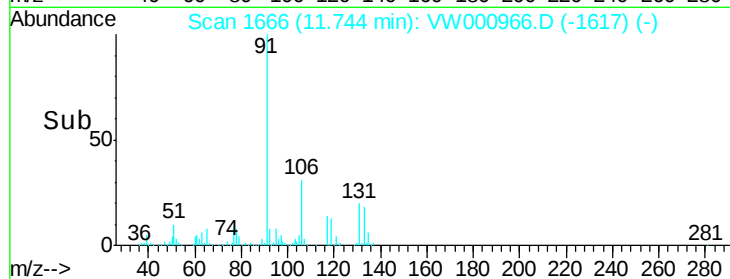
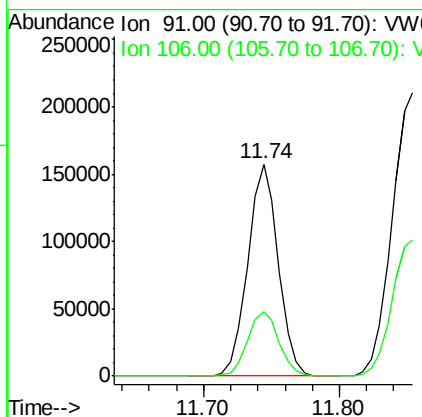
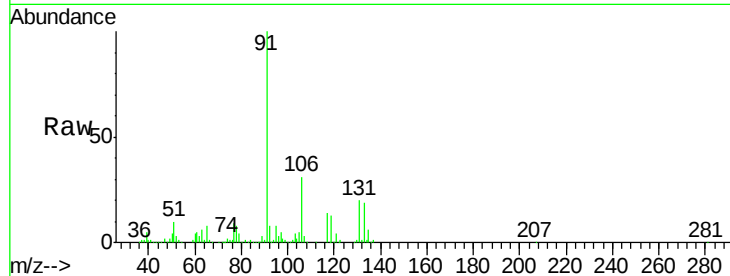




#67
Ethyl Benzene
Concen: 19.76 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

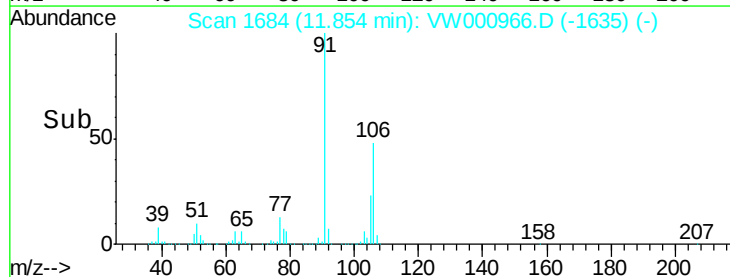
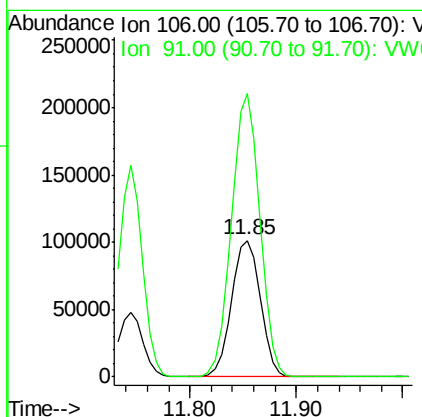
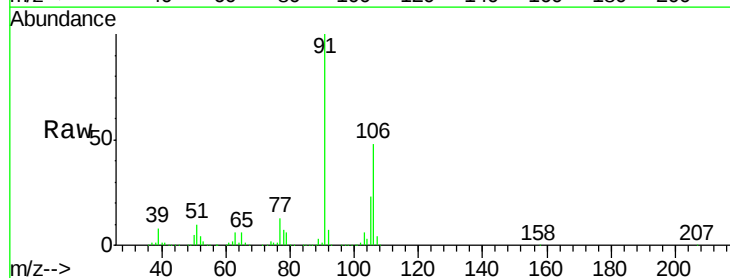
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

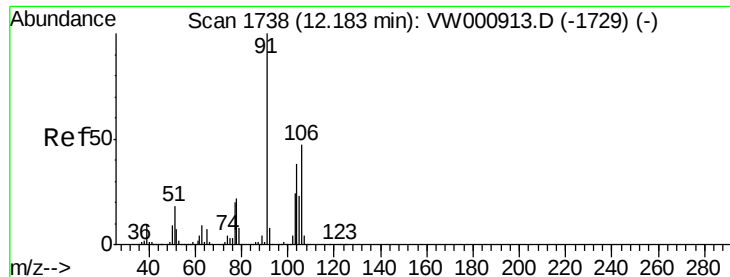
Tgt Ion: 91 Resp: 247411
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



#68
m/p-Xylenes
Concen: 39.86 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion: 106 Resp: 194024
Ion Ratio Lower Upper
106 100
91 203.3 161.9 242.9

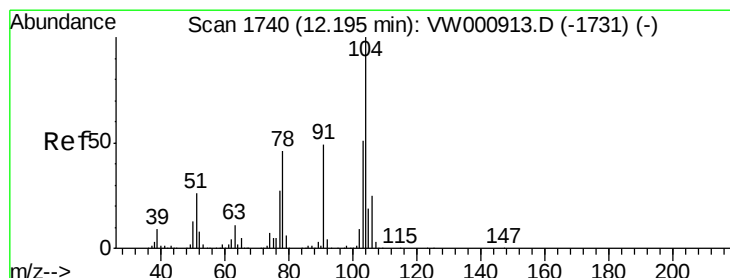
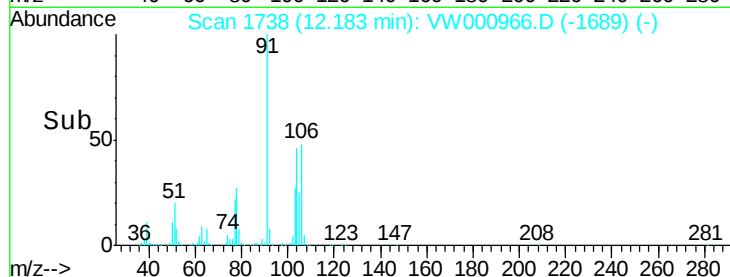
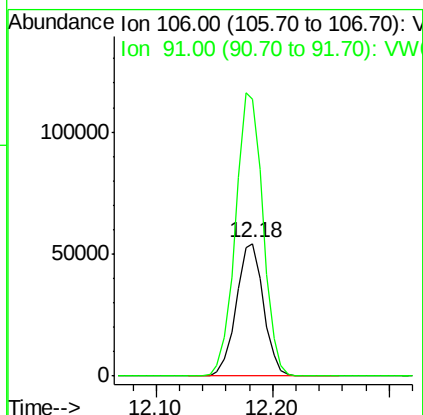
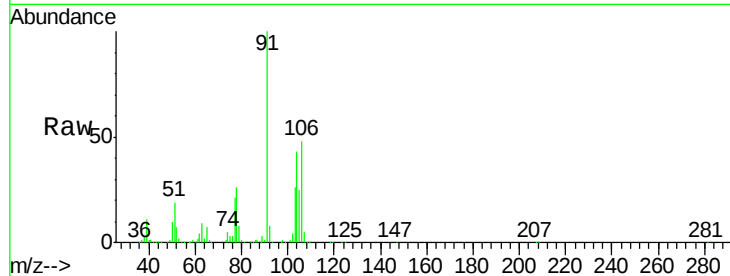




#69
o-Xylene
Concen: 19.88 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

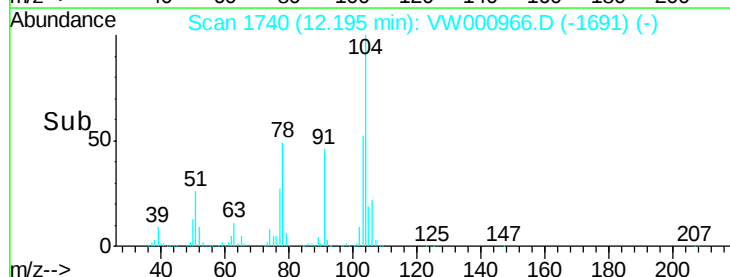
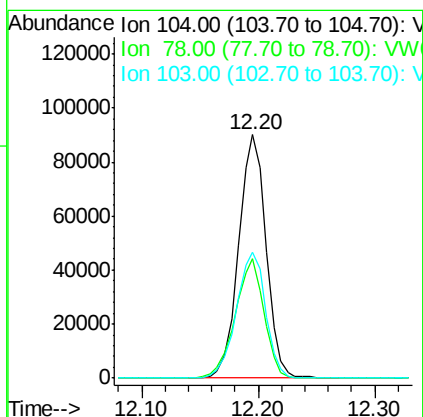
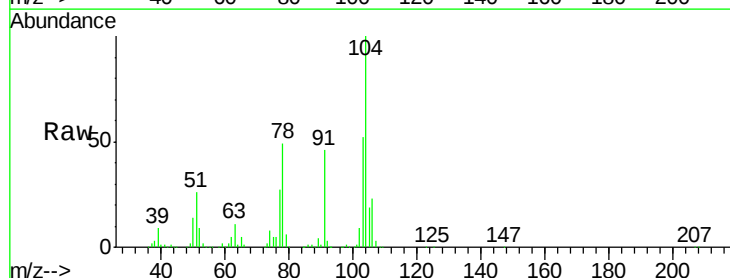
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD02

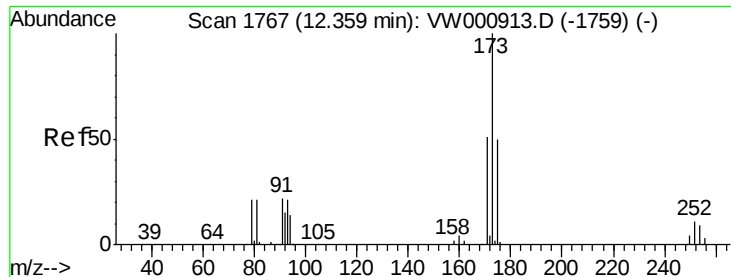
Tgt Ion:106 Resp: 88742
Ion Ratio Lower Upper
106 100
91 214.8 106.3 318.8



#70
Styrene
Concen: 20.29 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW000966.D
Acq: 24 Jan 2018 23:35

Tgt Ion:104 Resp: 147614
Ion Ratio Lower Upper
104 100
78 51.4 40.1 60.1
103 55.6 44.6 66.8





#71

Bromoform

Concen: 19.23 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

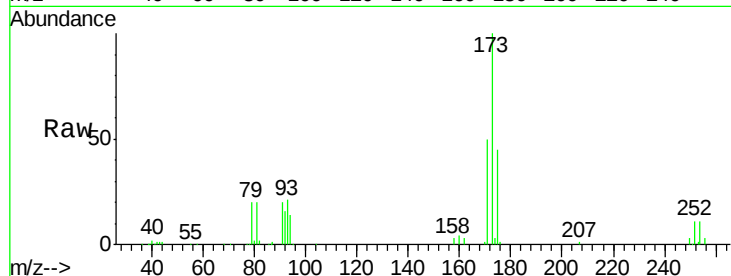
Tgt Ion:173 Resp: 34723

Ion Ratio Lower Upper

173 100

175 47.1 24.7 74.1

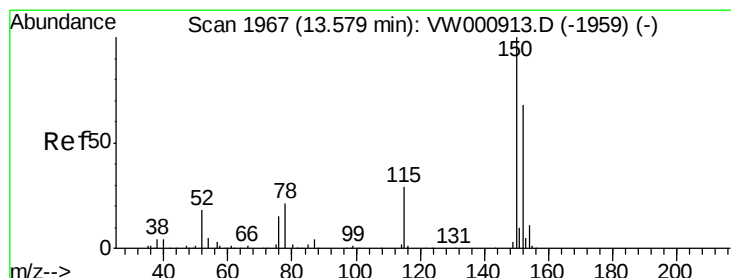
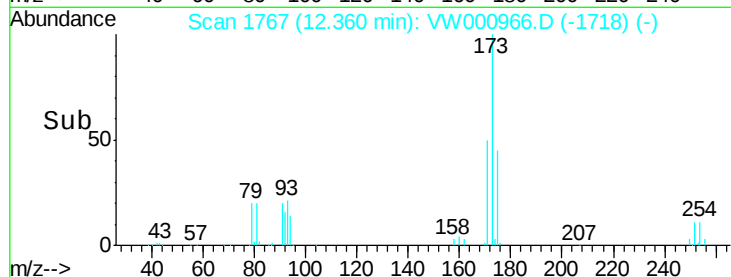
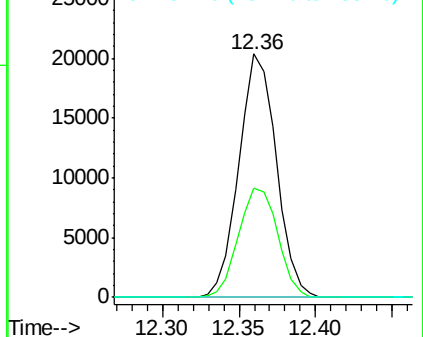
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

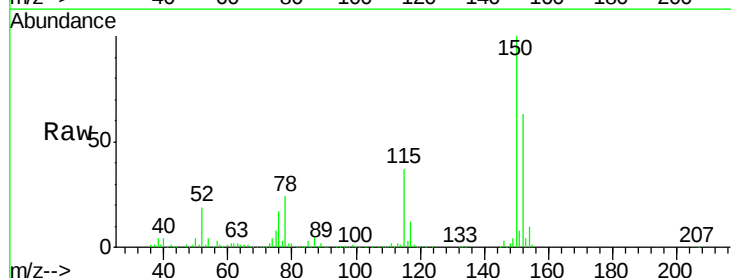
Tgt Ion:152 Resp: 196776

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.5

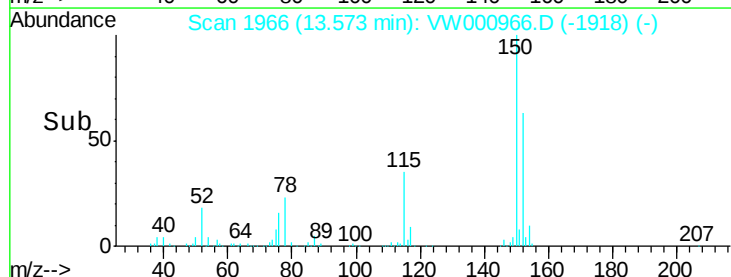
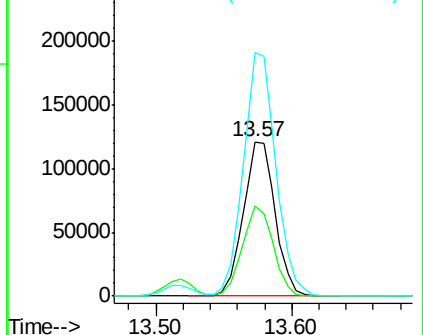
150 162.1 0.0 342.0

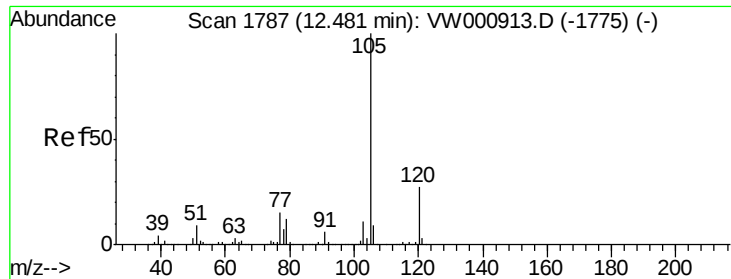


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.89 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

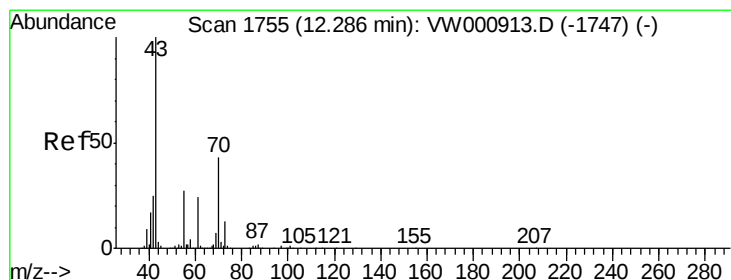
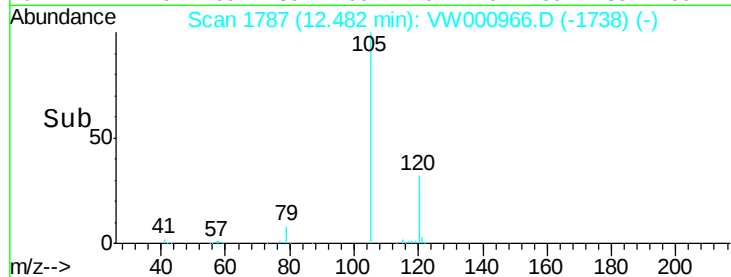
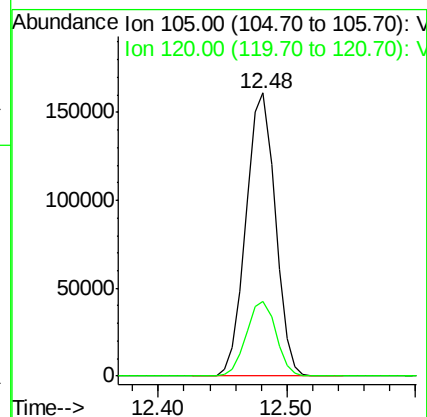
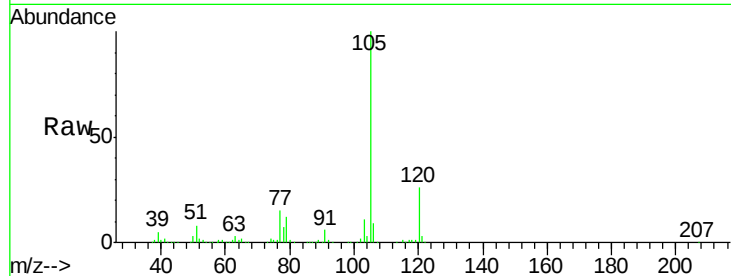
VW0124SBSD02

Tgt Ion: 105 Resp: 252864

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 19.53 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Tgt Ion: 43 Resp: 60313

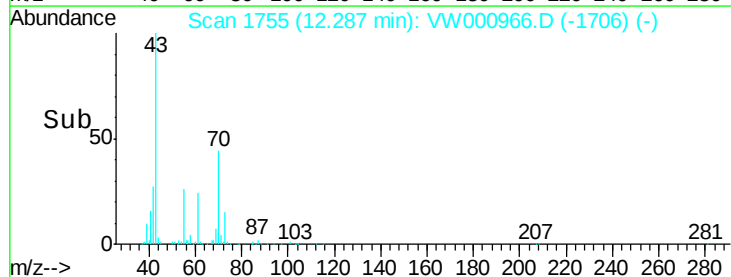
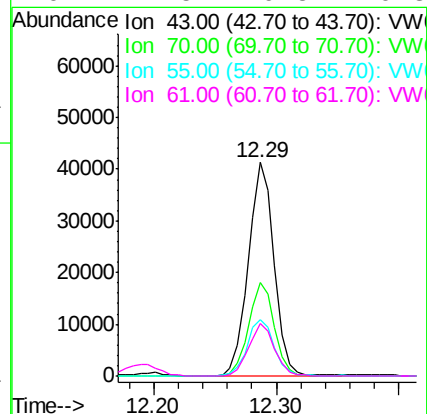
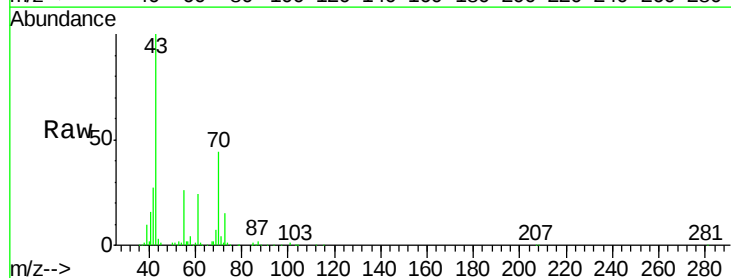
Ion Ratio Lower Upper

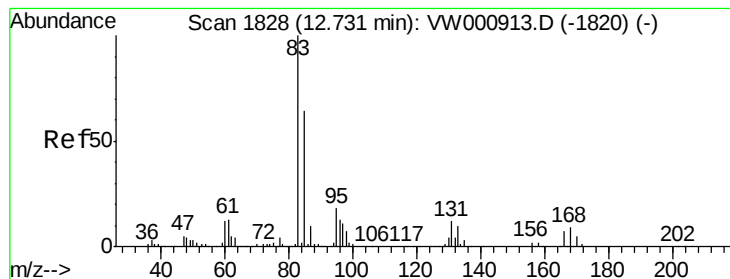
43 100

70 44.0 35.8 53.8

55 27.7 21.4 32.2

61 24.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.18 ug/l

RT: 12.73 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

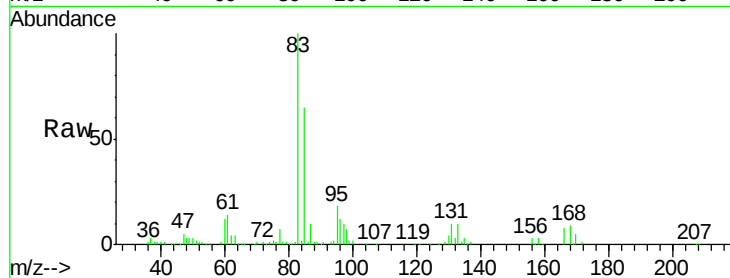
Tgt Ion: 83 Resp: 52118

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

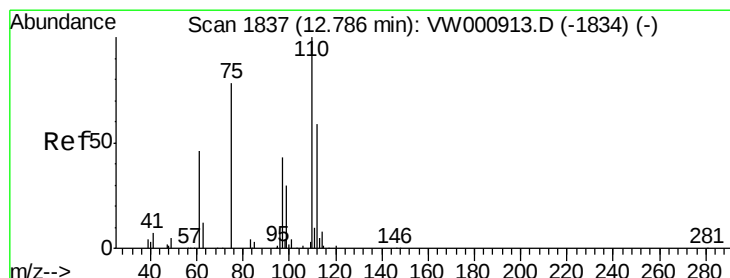
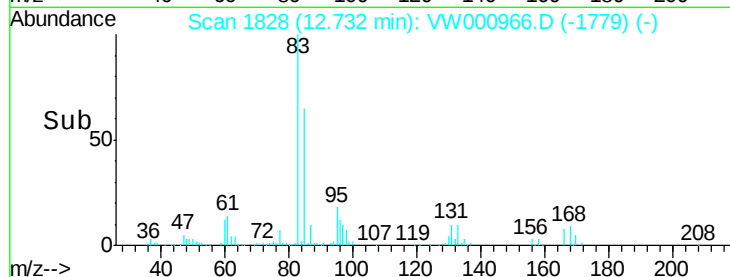
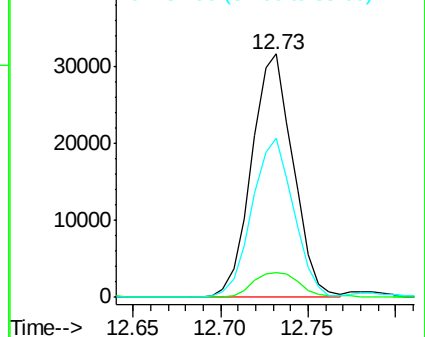
85 65.4 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 30.60 ug/l

RT: 12.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: VW000966.D

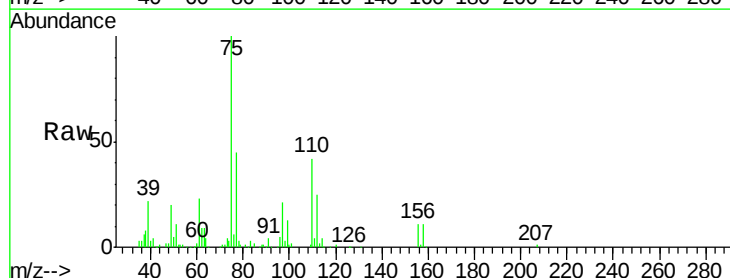
Acq: 24 Jan 2018 23:35

Tgt Ion: 75 Resp: 69678

Ion Ratio Lower Upper

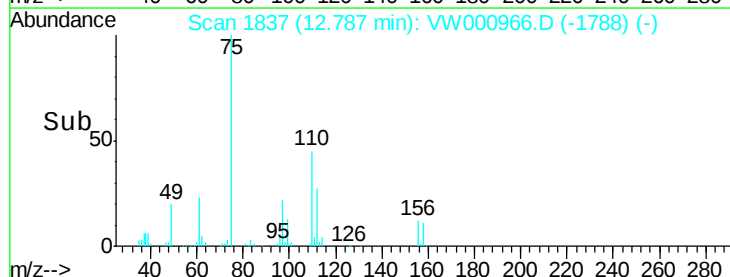
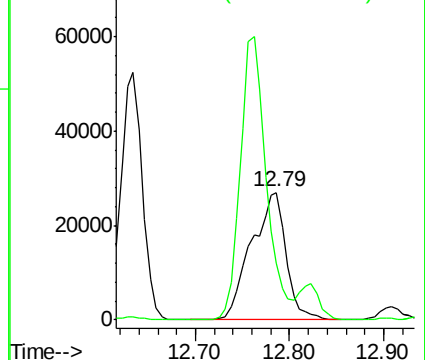
75 100

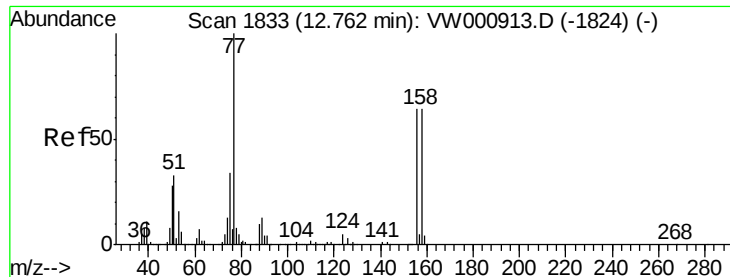
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.97 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

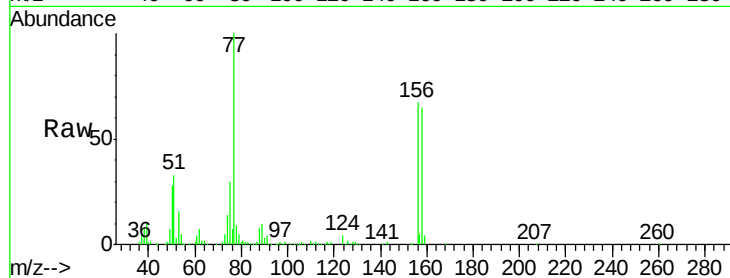
Tgt Ion:156 Resp: 64613

Ion Ratio Lower Upper

156 100

77 179.6 89.0 267.1

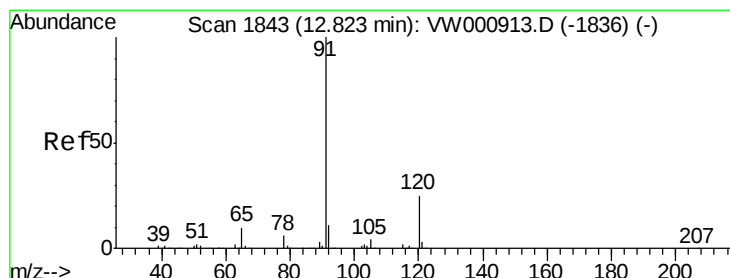
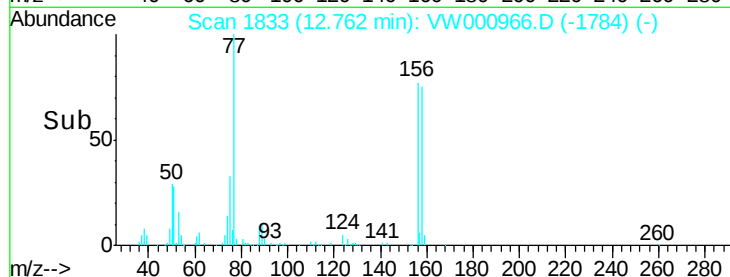
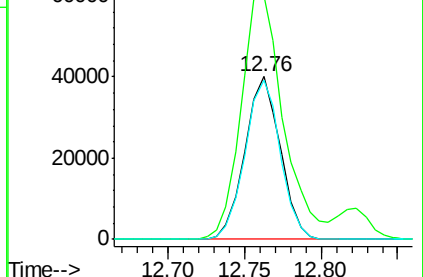
158 97.6 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.90 ug/l

RT: 12.82 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VW000966.D

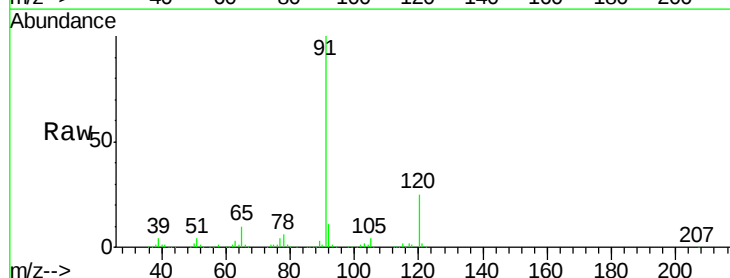
Acq: 24 Jan 2018 23:35

Tgt Ion: 91 Resp: 305330

Ion Ratio Lower Upper

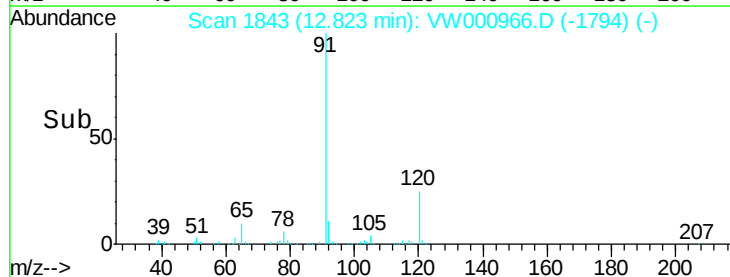
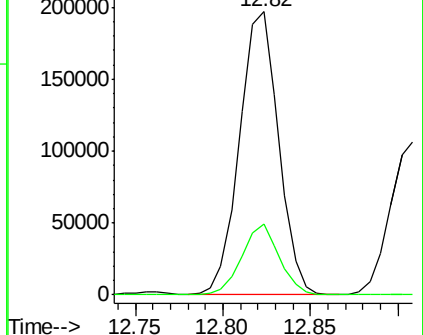
91 100

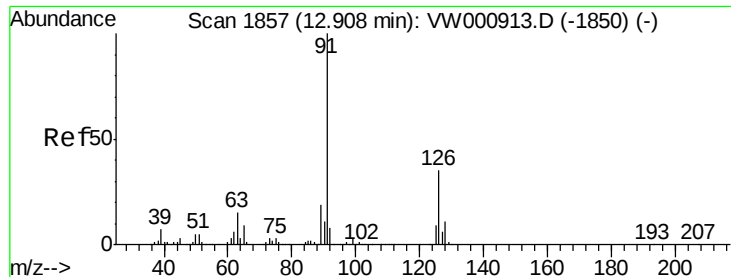
120 23.8 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.99 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

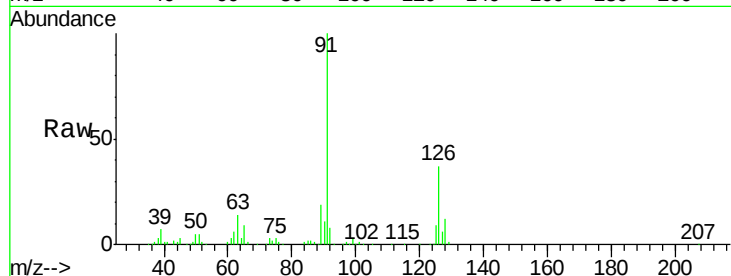
VW0124SBSD02

Tgt Ion: 91 Resp: 172968

Ion Ratio Lower Upper

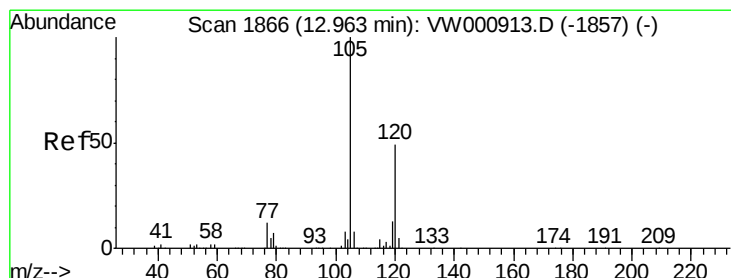
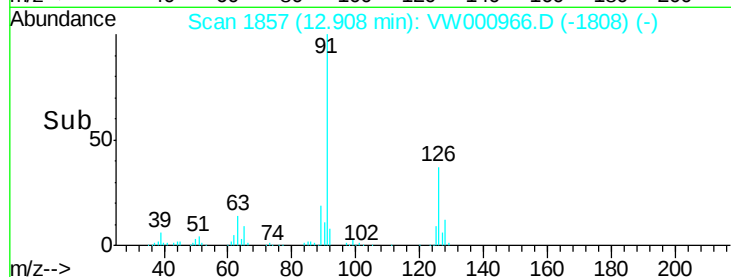
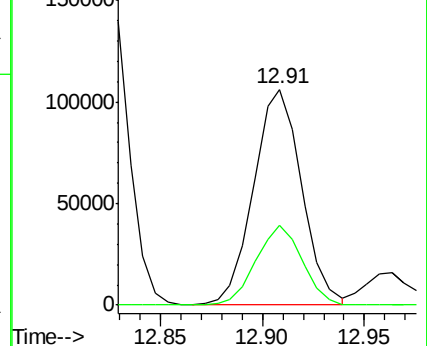
91 100

126 35.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.22 ug/l

RT: 12.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VW000966.D

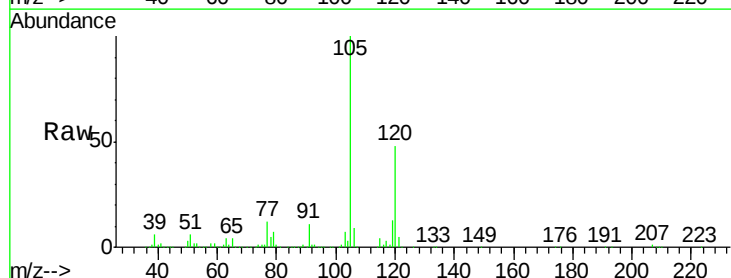
Acq: 24 Jan 2018 23:35

Tgt Ion: 105 Resp: 218771

Ion Ratio Lower Upper

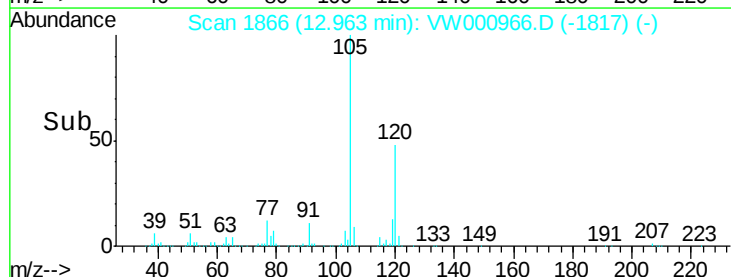
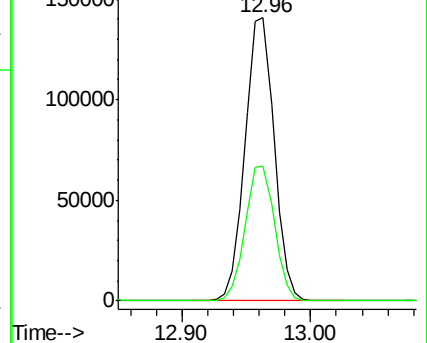
105 100

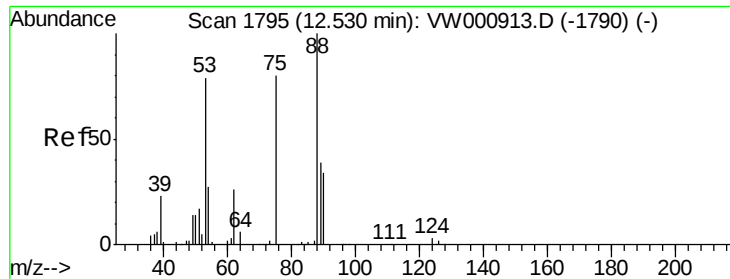
120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.49 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

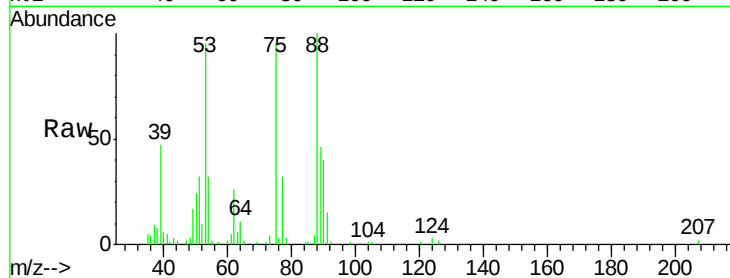
Tgt Ion: 75 Resp: 12940

Ion Ratio Lower Upper

75 100

53 98.0 77.5 116.3

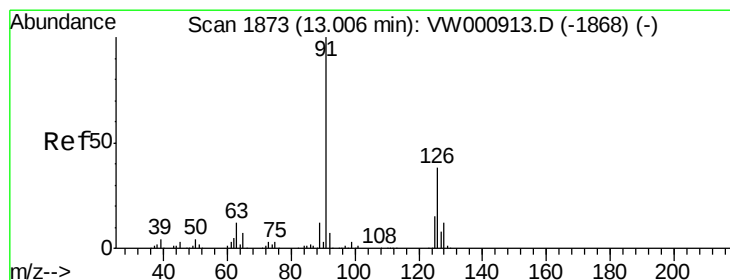
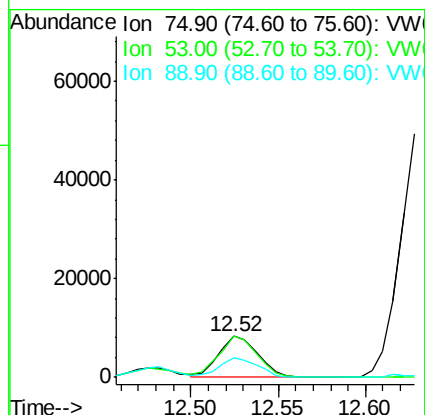
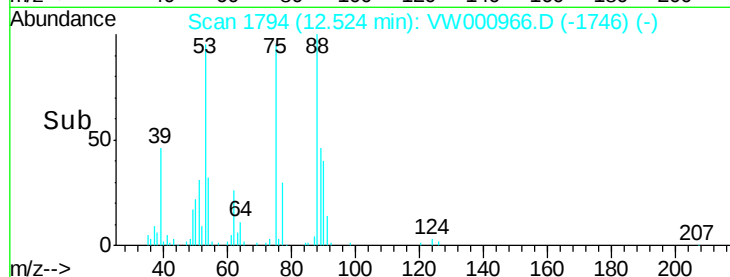
89 47.7 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 19.99 ug/l

RT: 13.01 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VW000966.D

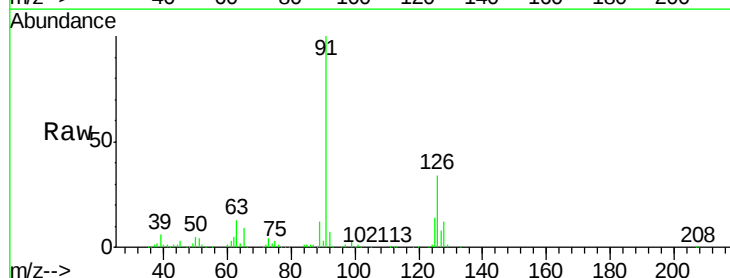
Acq: 24 Jan 2018 23:35

Tgt Ion: 91 Resp: 183753

Ion Ratio Lower Upper

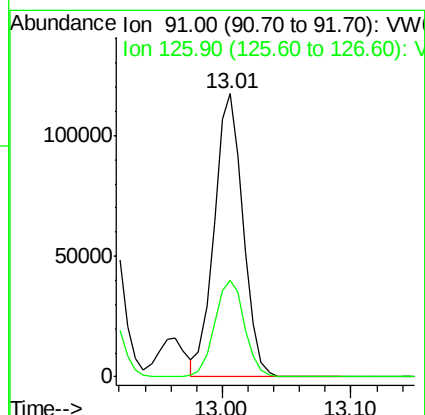
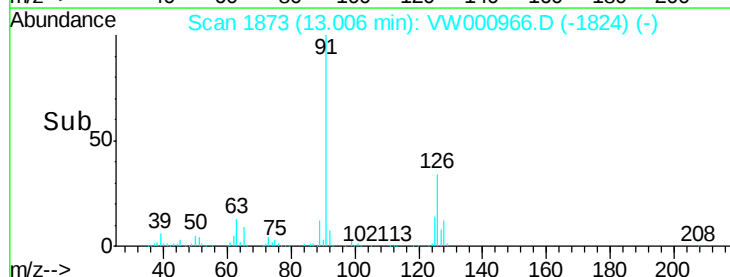
91 100

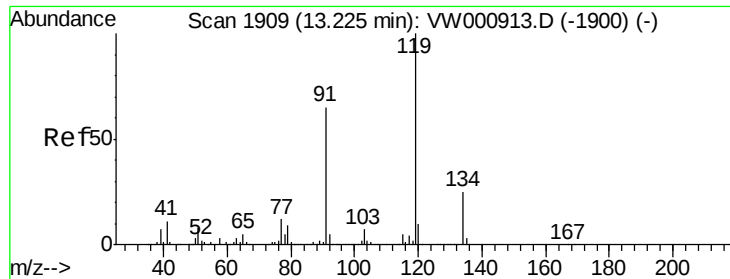
126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

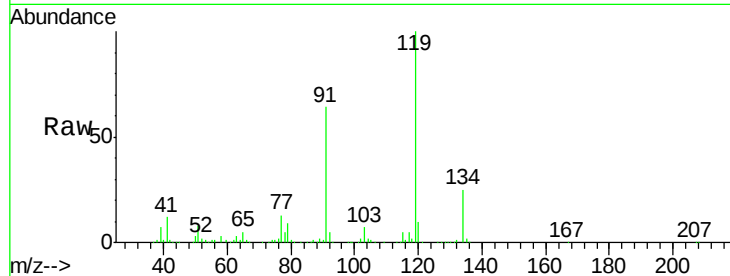




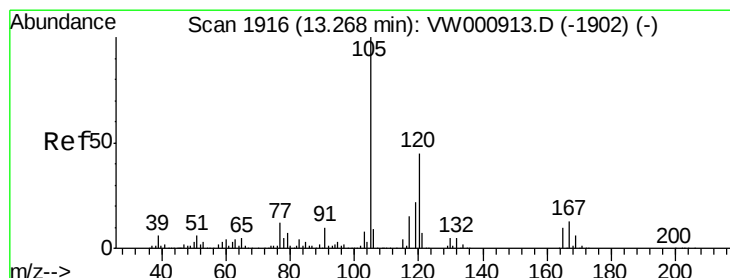
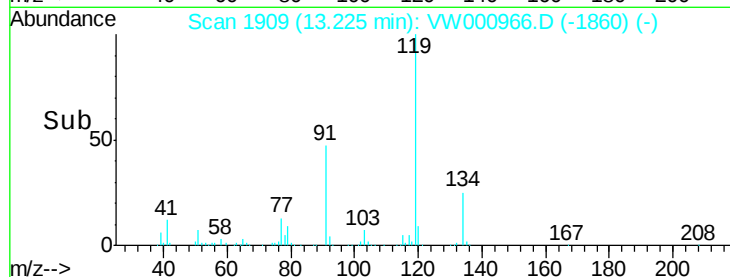
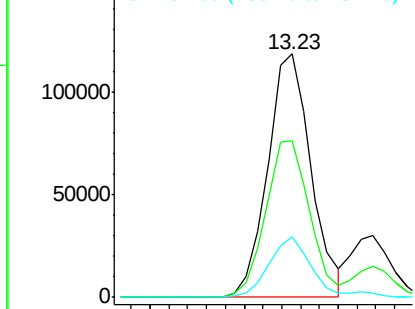
#83
 tert-Butylbenzene
 Concen: 19.89 ug/l
 RT: 13.23 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

Tgt Ion:119 Resp: 188489
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.4 97.0
 134 25.2 13.1 39.3

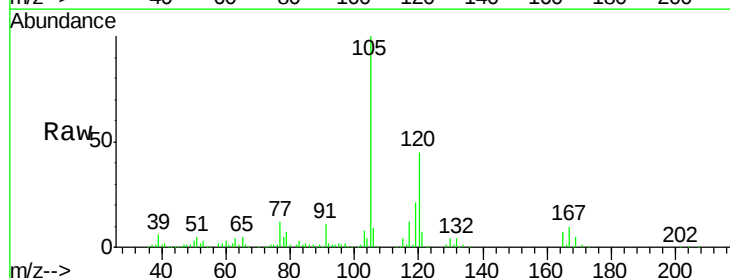


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

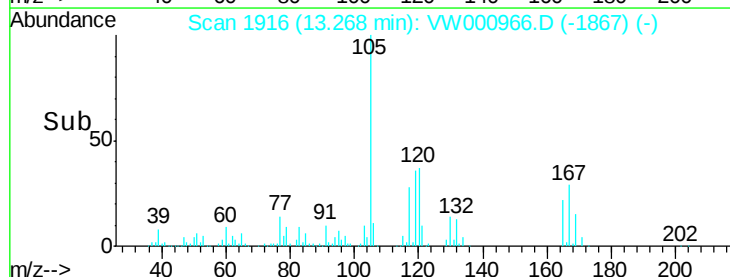
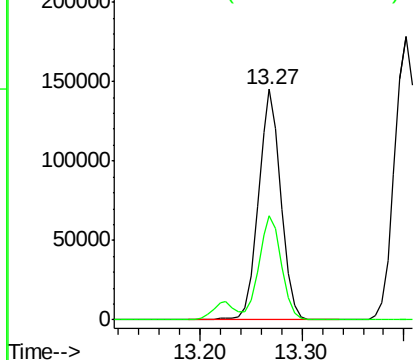


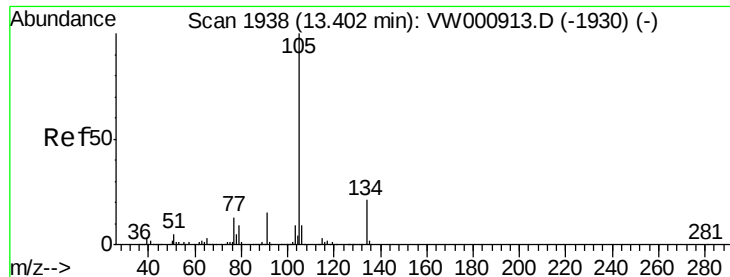
#84
 1,2,4-Trimethylbenzene
 Concen: 20.33 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion:105 Resp: 222362
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.82 ug/l

RT: 13.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

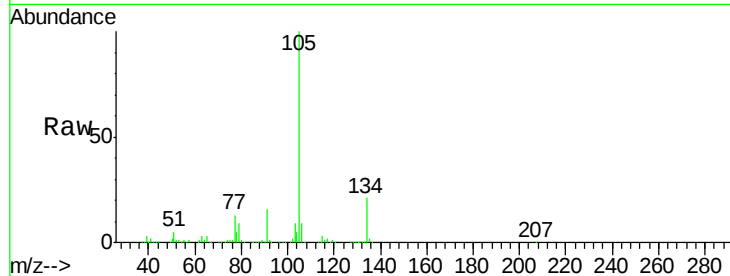
VW0124SBSD02

Tgt Ion:105 Resp: 271092

Ion Ratio Lower Upper

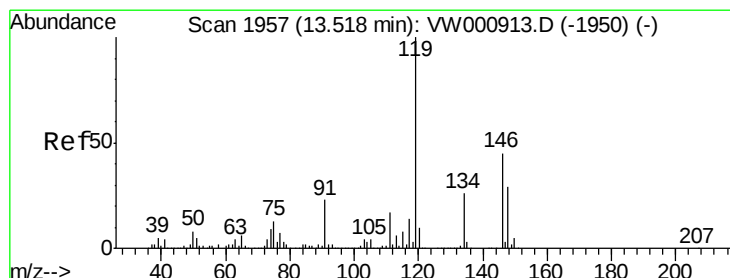
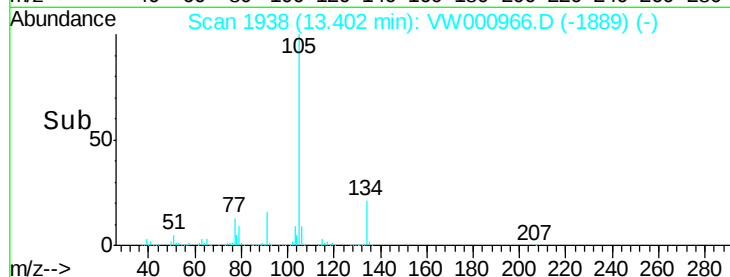
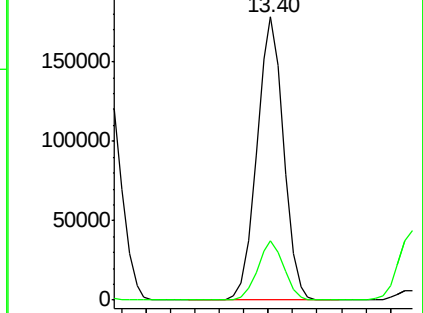
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.82 ug/l

RT: 13.52 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

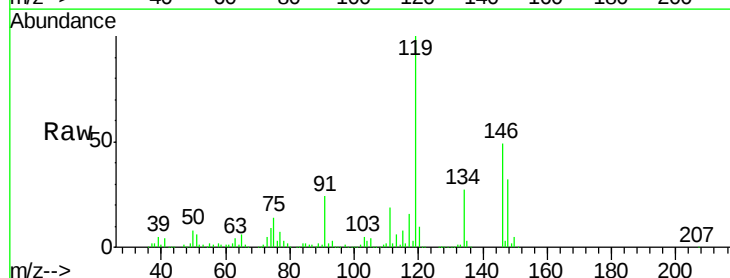
Tgt Ion:119 Resp: 240432

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

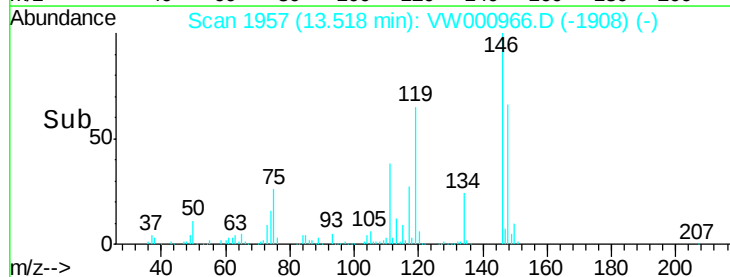
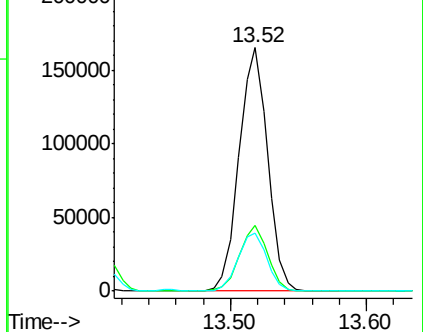
91 24.1 11.7 35.0

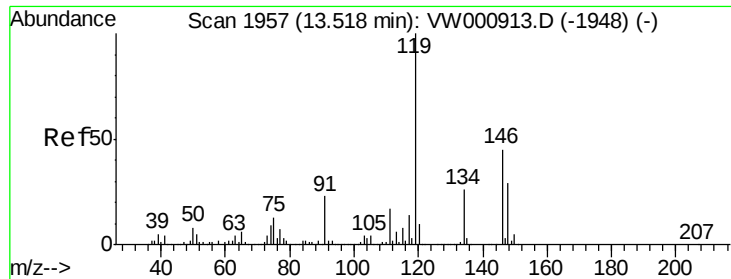


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

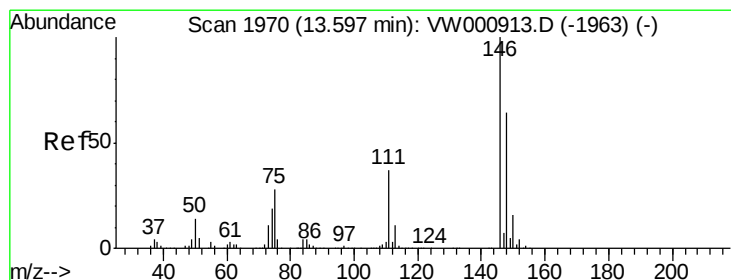
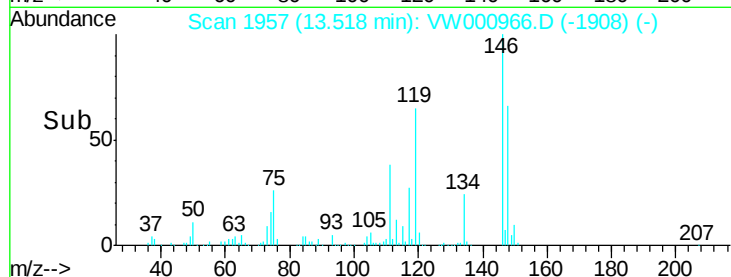
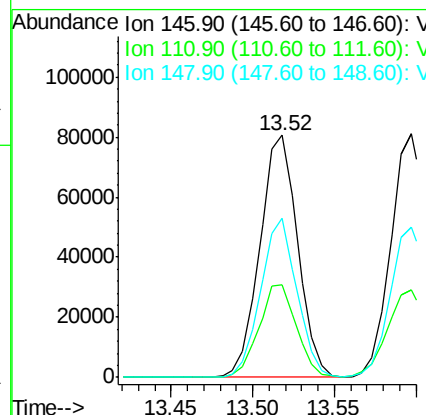
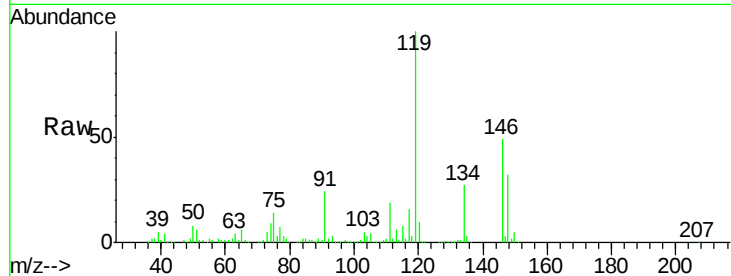




#87
 1,3-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

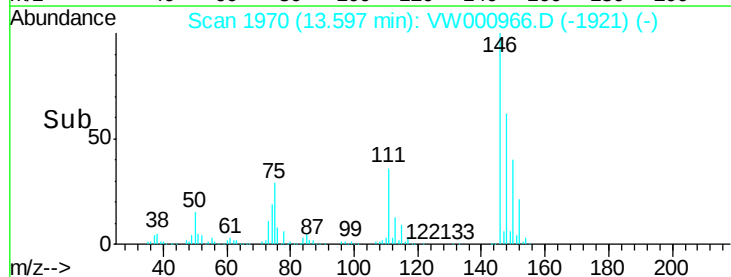
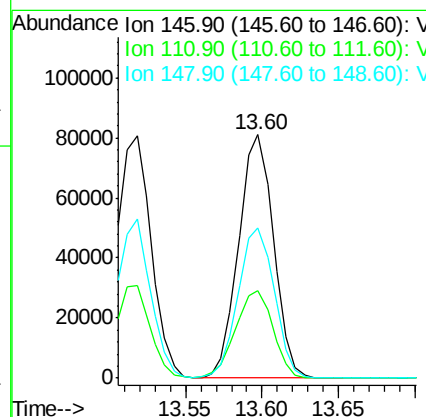
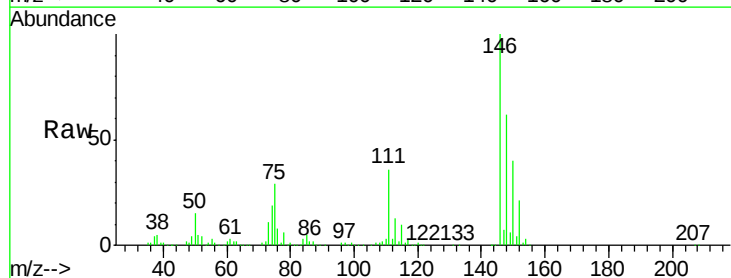
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

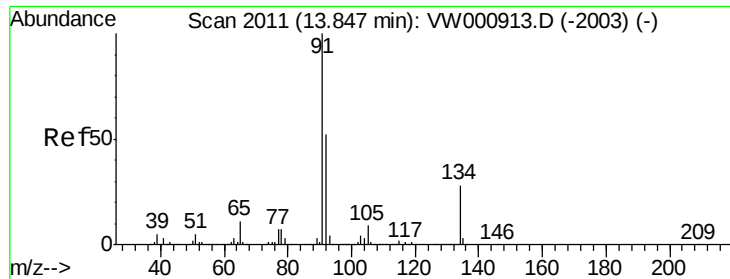
Tgt Ion:146 Resp: 129775
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.7 59.0
 148 63.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion:146 Resp: 128634
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 19.42 ug/l

RT: 13.84 min Scan# 2010

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

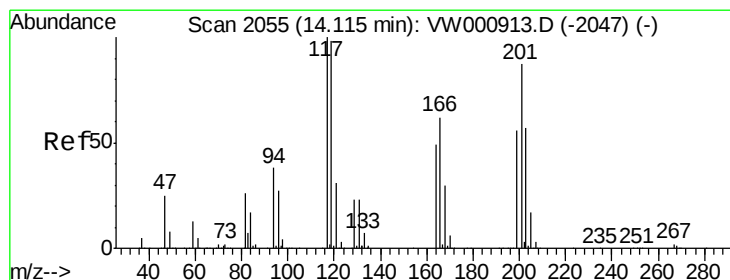
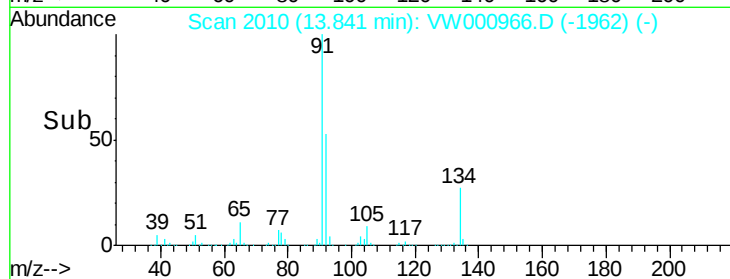
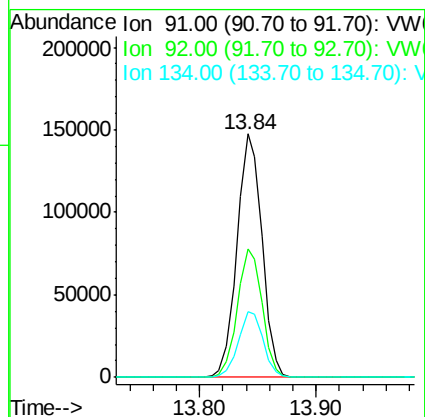
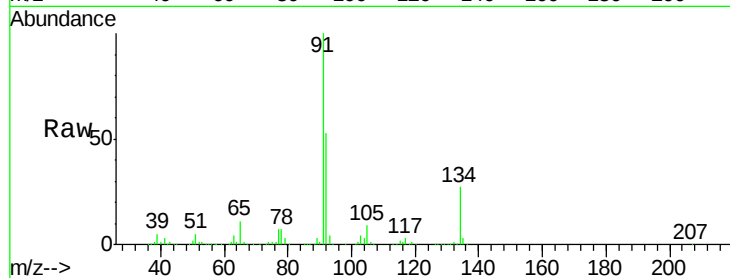
Tgt Ion: 91 Resp: 221329

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.6

134 26.8 13.7 41.1



#90

Hexachloroethane

Concen: 19.42 ug/l

RT: 14.12 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VW000966.D

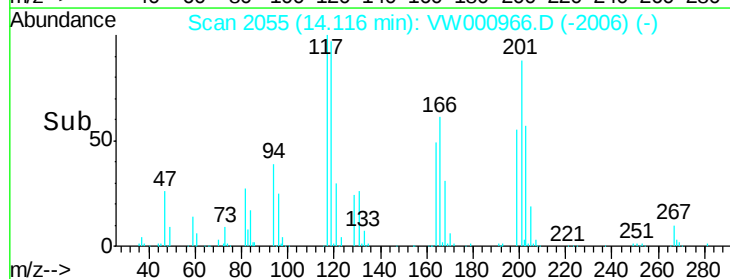
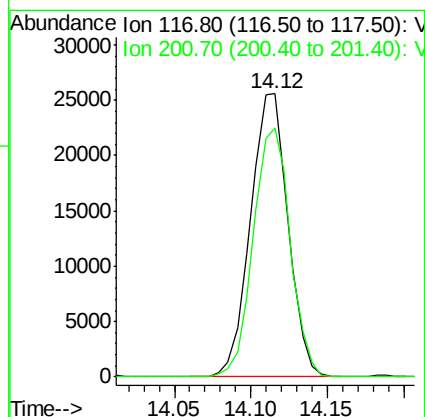
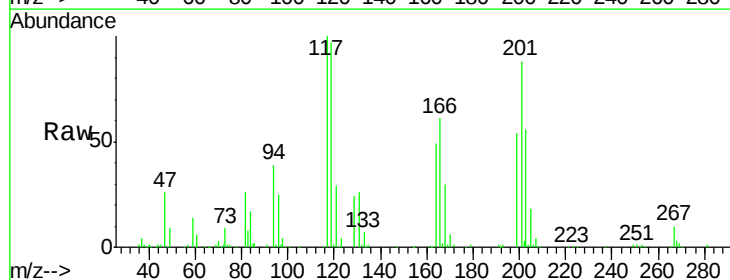
Acq: 24 Jan 2018 23:35

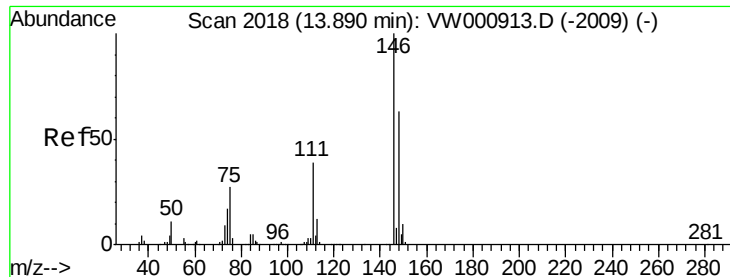
Tgt Ion: 117 Resp: 43786

Ion Ratio Lower Upper

117 100

201 86.3 42.8 128.3





#91

1,2-Dichlorobenzene

Concen: 20.41 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

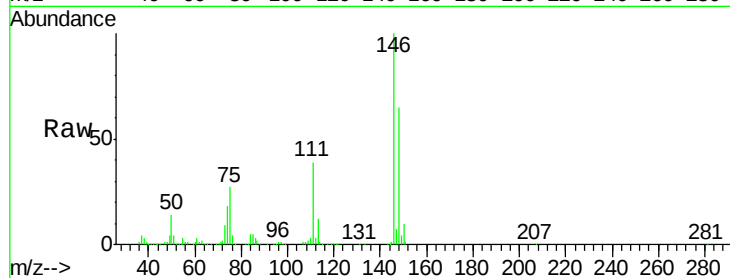
Tgt Ion:146 Resp: 117934

Ion Ratio Lower Upper

146 100

111 41.1 19.8 59.4

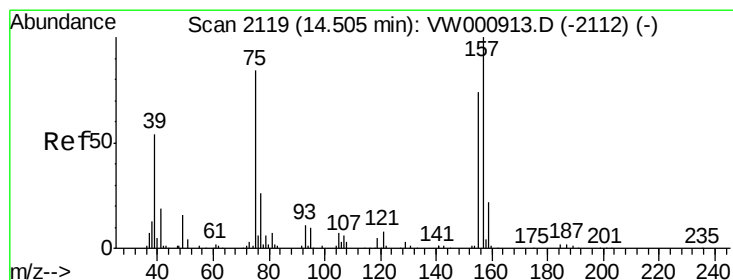
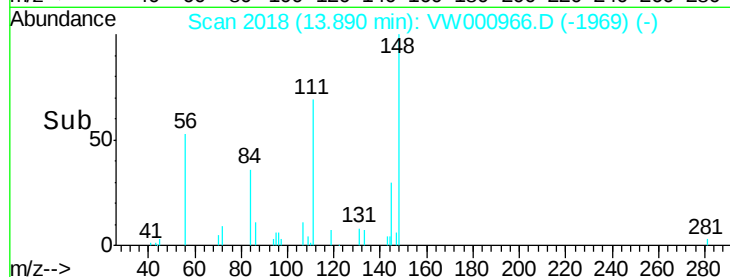
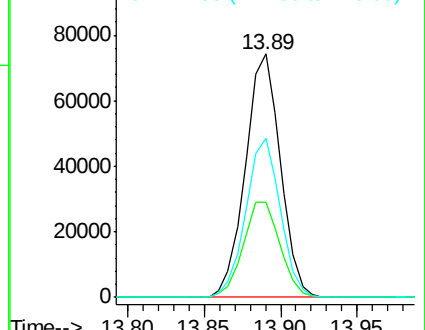
148 64.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.48 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

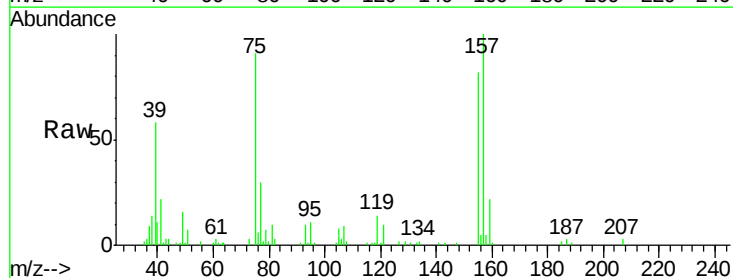
Tgt Ion: 75 Resp: 11081

Ion Ratio Lower Upper

75 100

155 89.4 45.9 137.6

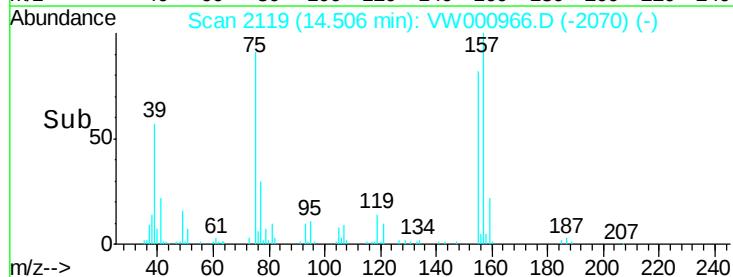
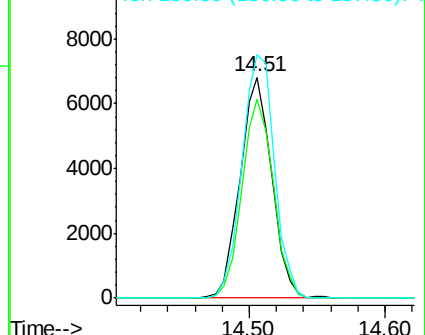
157 113.4 59.8 179.3

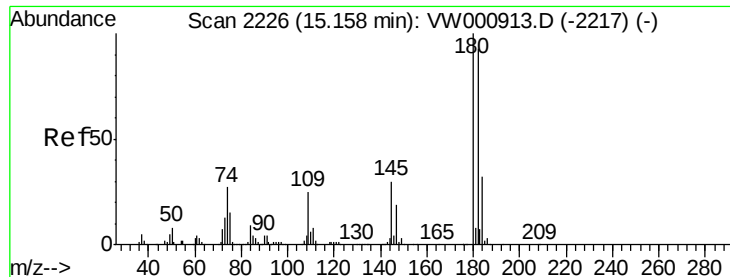


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

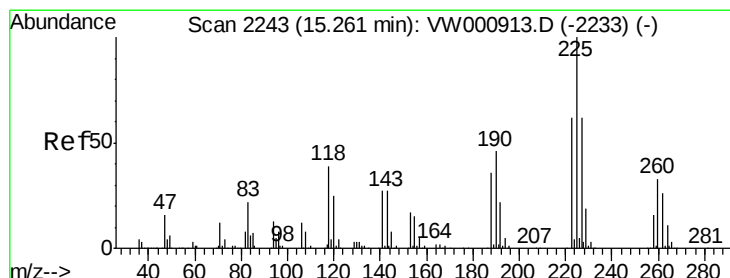
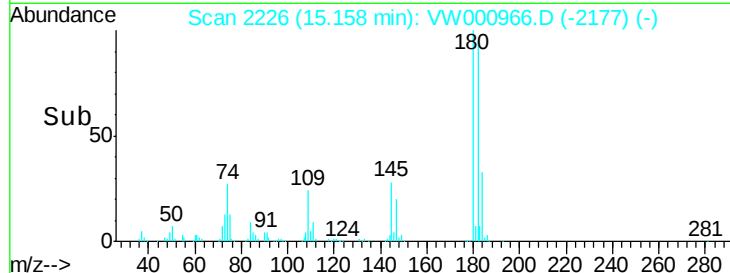
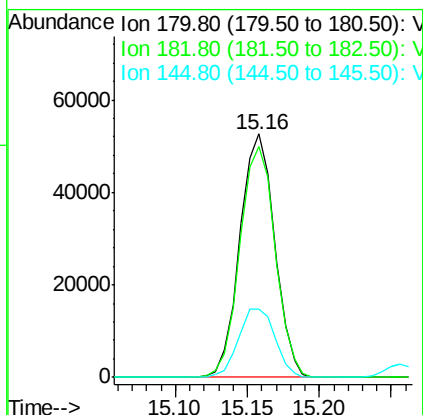
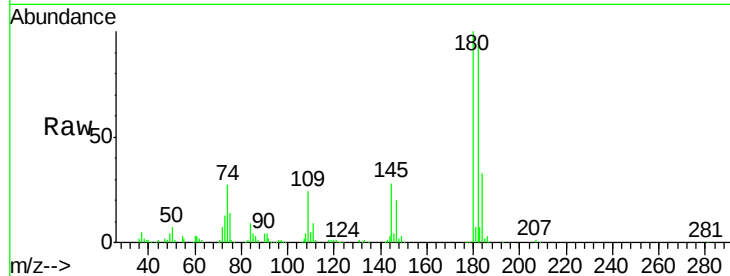




#93
 1,2,4-Trichlorobenzene
 Concen: 20.48 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

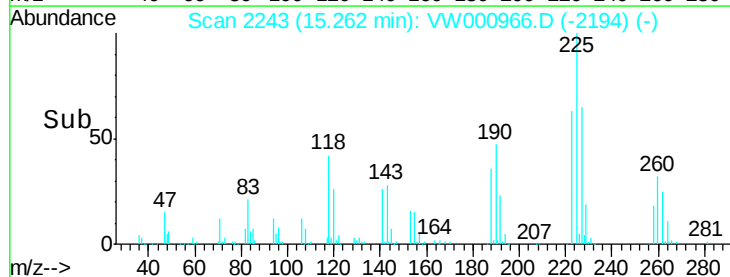
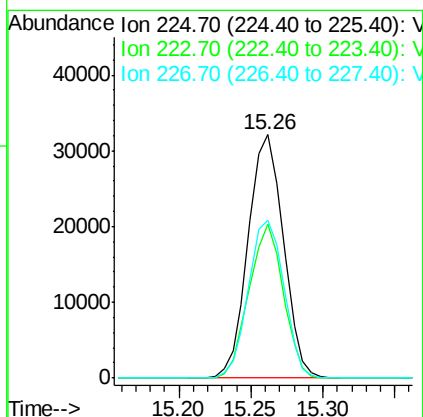
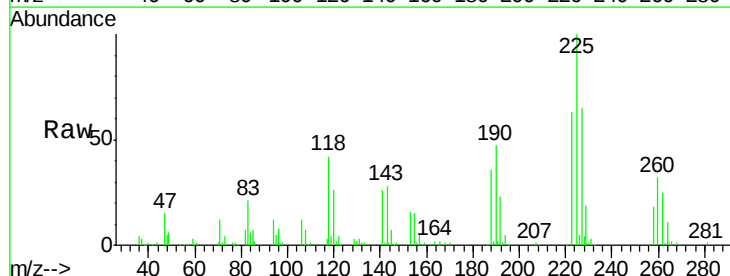
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD02

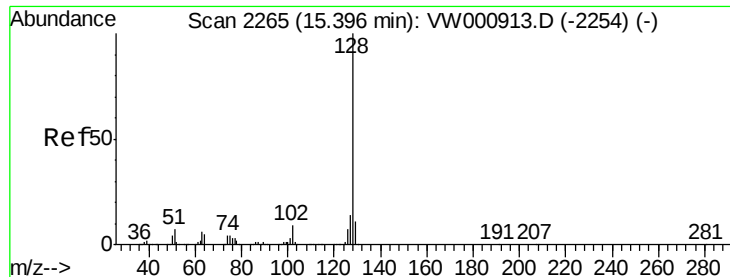
Tgt Ion:180 Resp: 88203
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.5 142.6
 145 29.6 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 19.94 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VW000966.D
 Acq: 24 Jan 2018 23:35

Tgt Ion:225 Resp: 54448
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 65.4 31.8 95.3





#95

Naphthalene

Concen: 20.05 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. -0.01 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD02

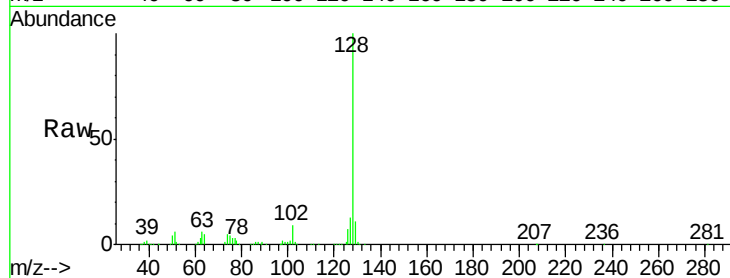
Tgt Ion:128 Resp: 182284

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

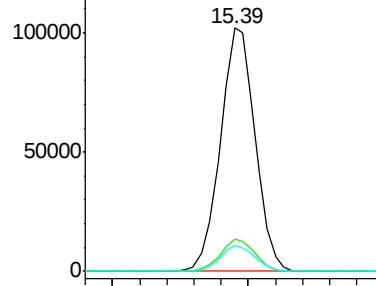
129 10.6 8.7 13.1



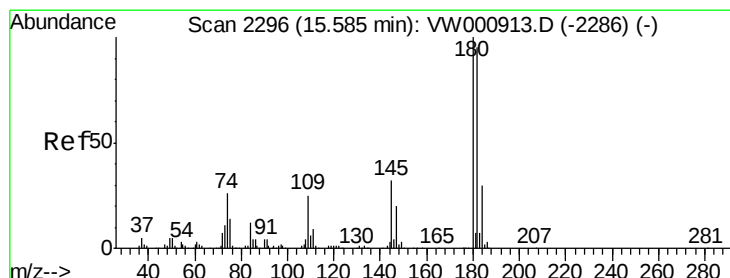
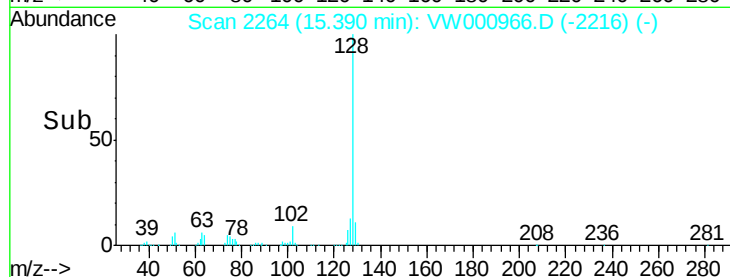
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.87 ug/l

RT: 15.58 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VW000966.D

Acq: 24 Jan 2018 23:35

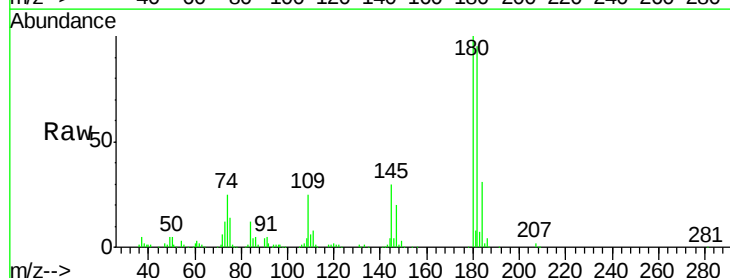
Tgt Ion:180 Resp: 82685

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

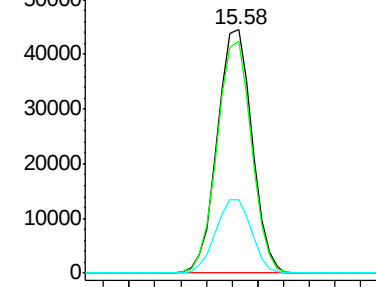
145 31.1 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

