

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071618\
 Data File : VW003951.D
 Acq On : 16 Jul 2018 14:33
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 16 14:55:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 14:45:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	197107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	477555	160.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.82%	
35) Dibromofluoromethane	7.88	113	421899	155.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.90%	
50) Toluene-d8	10.33	98	1638546	155.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.50%	
62) 4-Bromofluorobenzene	12.62	95	599563	158.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	226586	152.07	ug/l	95
3) Chloromethane	2.21	50	283026	142.27	ug/l	100
4) Vinyl Chloride	2.36	62	397302	145.71	ug/l	99
5) Bromomethane	2.75	94	267458	159.29	ug/l	99
6) Chloroethane	2.91	64	240013	156.44	ug/l	96
7) Trichlorofluoromethane	3.24	101	154201	132.38	ug/l	97
8) Diethyl Ether	3.67	74	205248	155.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	386557	146.24	ug/l	100
10) Methyl Iodide	4.26	142	594811	157.89	ug/l	99
11) Tert butyl alcohol	5.19	59	174717	850.40	ug/l	99
12) 1,1-Dichloroethene	4.03	96	396998	152.93	ug/l	99
13) Acrolein	3.89	56	148685	693.54	ug/l	97
14) Allyl chloride	4.65	41	647495	150.29	ug/l	99
15) Acrylonitrile	5.37	53	554232	817.31	ug/l	100
16) Acetone	4.12	43	526108	728.60	ug/l	98
17) Carbon Disulfide	4.37	76	1232609	151.81	ug/l	100
18) Methyl Acetate	4.67	43	287885	168.11	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	808157	162.68	ug/l	99
20) Methylene Chloride	4.91	84	437698	160.89	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	431795	151.37	ug/l	97
22) Diisopropyl ether	6.31	45	1365200	157.33	ug/l	98
23) Vinyl Acetate	6.25	43	4591572	838.05	ug/l	100
24) 1,1-Dichloroethane	6.21	63	812628	153.90	ug/l	99
25) 2-Butanone	7.18	43	801368	830.76	ug/l	100
26) 2,2-Dichloropropane	7.17	77	413083	134.57	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	481693	156.95	ug/l	98
28) Bromochloromethane	7.51	49	311562	143.74	ug/l	100
29) Tetrahydrofuran	7.53	42	513783	855.68	ug/l	100
30) Chloroform	7.68	83	805835	153.36	ug/l	98
31) Cyclohexane	7.95	56	708884	142.16	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	609687	147.99	ug/l	99
36) 1,1-Dichloropropene	8.08	75	647148	147.77	ug/l	100
37) Ethyl Acetate	7.26	43	344939	163.77	ug/l	100
38) Carbon Tetrachloride	8.07	117	607609	148.57	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	794451	154.99	ug/l	100
40) Benzene	8.32	78	1820637	150.20	ug/l	99
41) Methacrylonitrile	7.49	41	210929	184.88	ug/l	89
42) 1,2-Dichloroethane	8.40	62	565836	153.11	ug/l	100
43) Isopropyl Acetate	8.43	43	666164	170.40	ug/l	99
44) Trichloroethene	9.09	130	471917	150.10	ug/l	97
45) 1,2-Dichloropropane	9.37	63	471744	152.94	ug/l	100
46) Dibromomethane	9.46	93	249764	155.74	ug/l	99
47) Bromodichloromethane	9.65	83	621945	158.17	ug/l	98
48) Methyl methacrylate	9.44	41	333066	176.13	ug/l	97
49) 1,4-Dioxane	9.46	88	82082	3323.01	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1755801	837.80	ug/l	100
52) Toluene	10.39	92	1134804	151.40	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	668209	162.42	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	753612	160.15	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	346666	153.46	ug/l	99
56) Ethyl methacrylate	10.65	69	511336	176.52	ug/l	98
57) 1,3-Dichloropropane	10.94	76	612504	156.23	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	1133964	853.95	ug/l	100
59) 2-Hexanone	10.98	43	1247402	843.96	ug/l	100
60) Dibromochloromethane	11.13	129	422550	161.37	ug/l	99
61) 1,2-Dibromoethane	11.24	107	346980	162.52	ug/l	99
64) Tetrachloroethene	10.87	164	404986	148.76	ug/l	98
65) Chlorobenzene	11.66	112	1240234	147.23	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	449317	154.33	ug/l	99
67) Ethyl Benzene	11.74	91	2278147	154.08	ug/l	100
68) m/p-Xylenes	11.85	106	1712793	303.00	ug/l	99
69) o-Xylene	12.17	106	810083	154.53	ug/l	99
70) Styrene	12.19	104	1377532	157.69	ug/l	99
71) Bromoform	12.35	173	266635	162.28	ug/l	100
73) Isopropylbenzene	12.47	105	2205077	160.27	ug/l	100
74) N-amyl acetate	12.28	43	630348	176.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	428186	160.63	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	586846	302.92	ug/l #	100
77) Bromobenzene	12.75	156	519106	157.91	ug/l	99
78) n-propylbenzene	12.81	91	2658653	157.06	ug/l	100
79) 2-Chlorotoluene	12.90	91	1492064	156.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1819904	156.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	148652	171.01	ug/l	99
82) 4-Chlorotoluene	12.99	91	1589146	155.74	ug/l	100
83) tert-Butylbenzene	13.21	119	1548412	158.79	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1875319	157.16	ug/l	99
85) sec-Butylbenzene	13.39	105	2237077	154.32	ug/l	100
86) p-Isopropyltoluene	13.51	119	1979203	155.32	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1000484	151.70	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	985807	149.05	ug/l	99
89) n-Butylbenzene	13.83	91	1920953	153.39	ug/l	98
90) Hexachloroethane	14.10	117	366815	157.40	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	897351	152.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	77200	163.01	ug/l	98

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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 14:45:38 2018
Response via : Initial Calibration

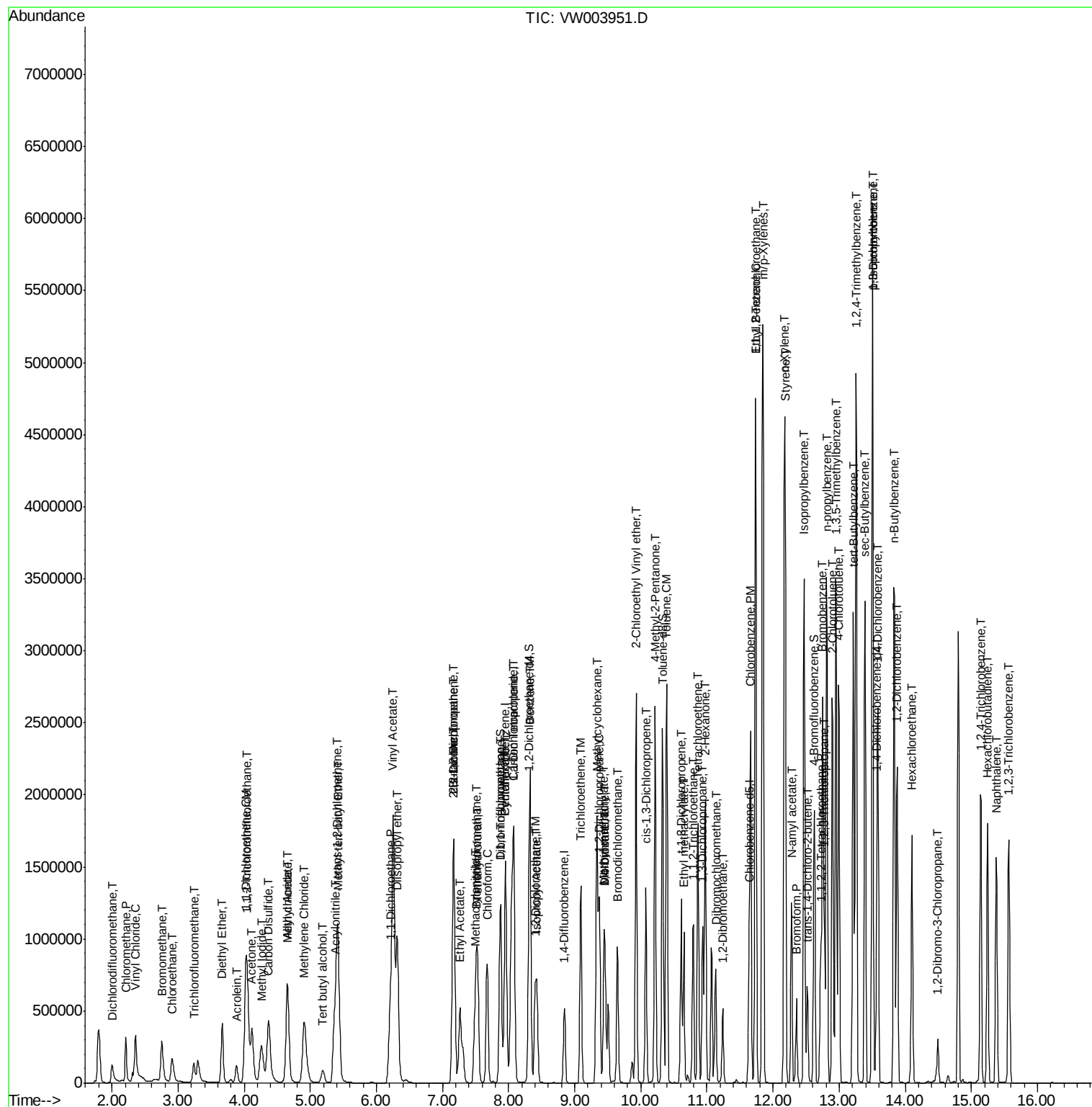
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	645530	156.75	ug/l	98
94) Hexachlorobutadiene	15.25	225	353907	148.52	ug/l	99
95) Naphthalene	15.38	128	1312041	172.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	577626	158.62	ug/l	100

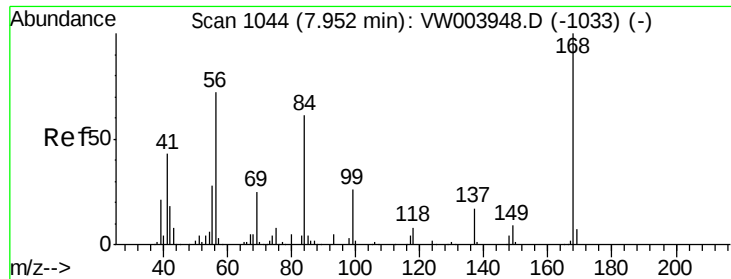
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VW003951.D
 Acq On : 16 Jul 2018 14:33
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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Quant Time: Jul 16 14:55:47 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

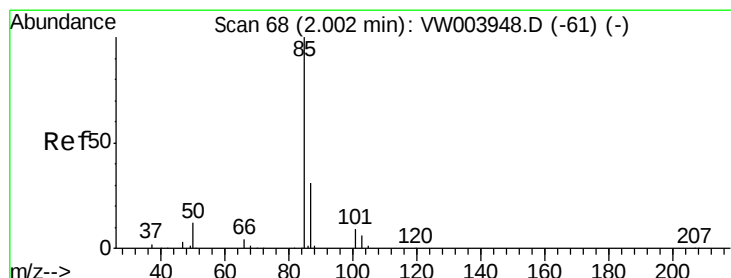
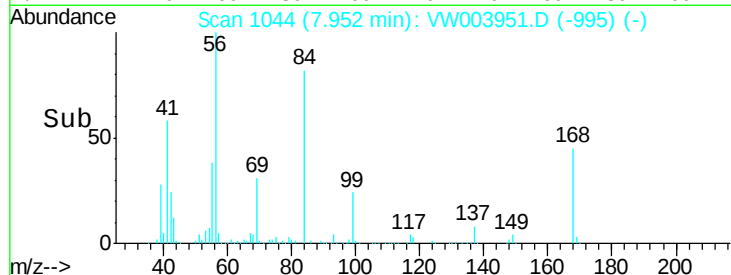
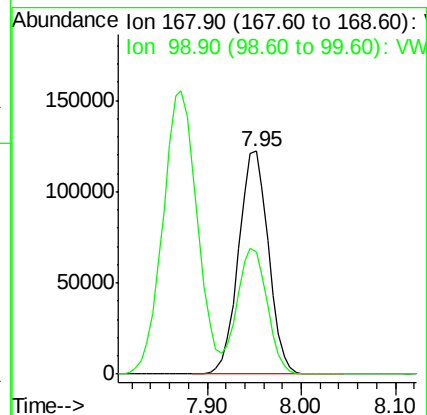
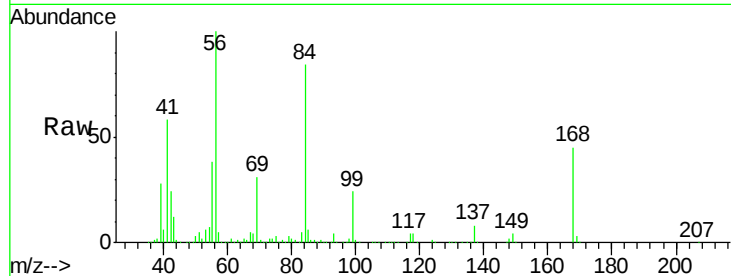
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:168 Resp: 270238

Ion Ratio Lower Upper

168 100

99 54.5 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 152.07 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003951.D

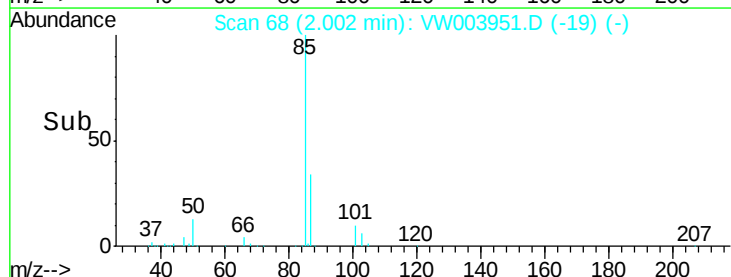
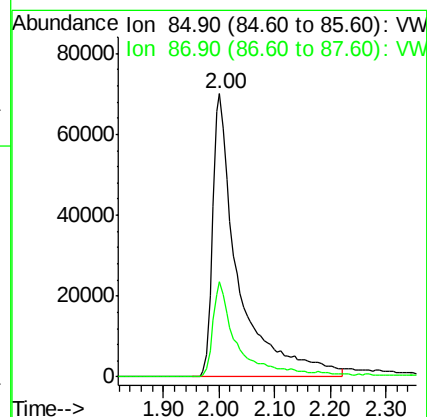
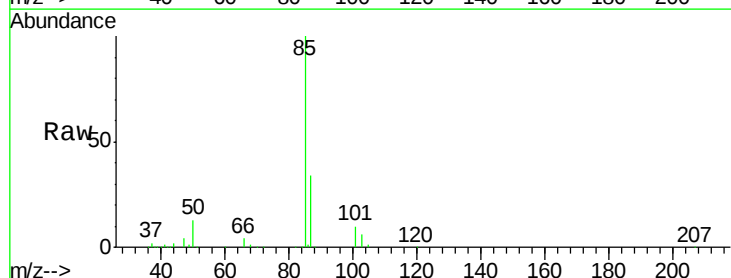
Acq: 16 Jul 2018 14:33

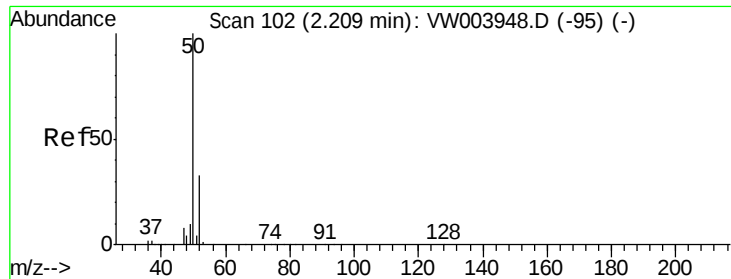
Tgt Ion: 85 Resp: 226586

Ion Ratio Lower Upper

85 100

87 33.8 15.4 46.2





#3

Chloromethane

Concen: 142.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

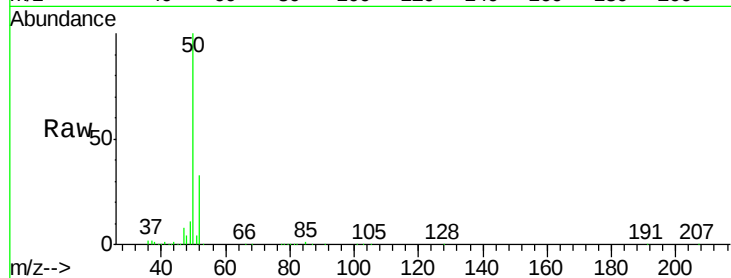
VSTDICC150

Tot Ion: 50 Resp: 283026

Ion Ratio Lower Upper

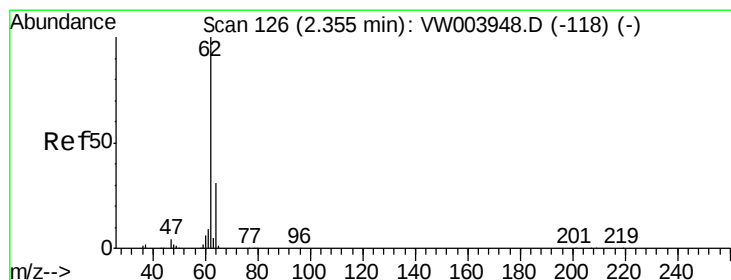
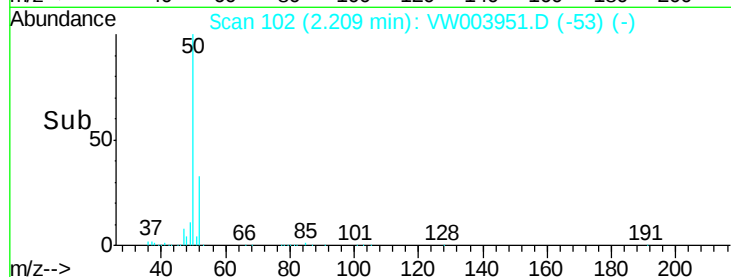
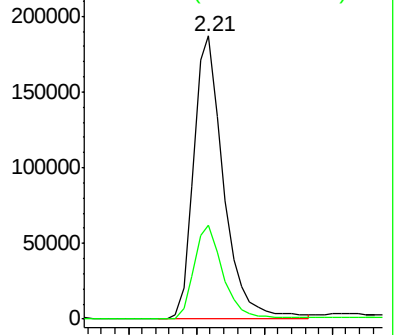
50 100

52 33.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 145.71 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003951.D

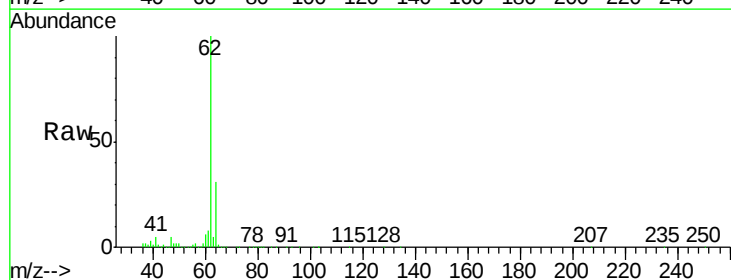
Acq: 16 Jul 2018 14:33

Tgt Ion: 62 Resp: 397302

Ion Ratio Lower Upper

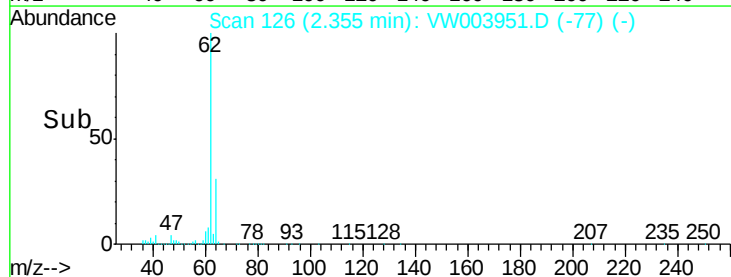
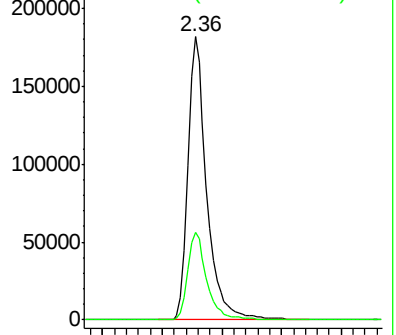
62 100

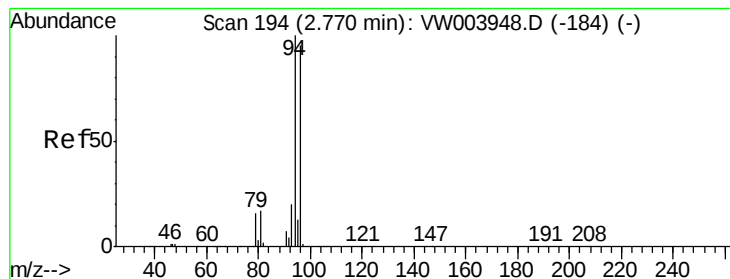
64 31.0 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 159.29 ug/l

RT: 2.75 min Scan# 191

Delta R.T. -0.02 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

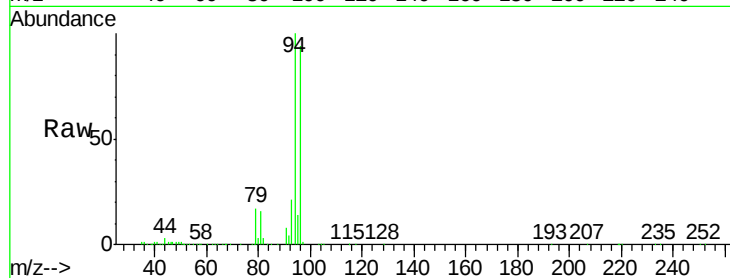
VSTDIC150

Tot Ion: 94 Resp: 267458

Ion Ratio Lower Upper

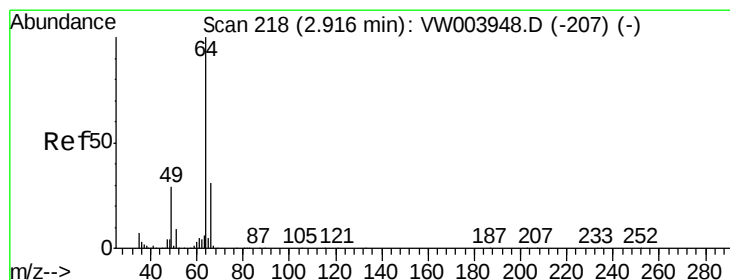
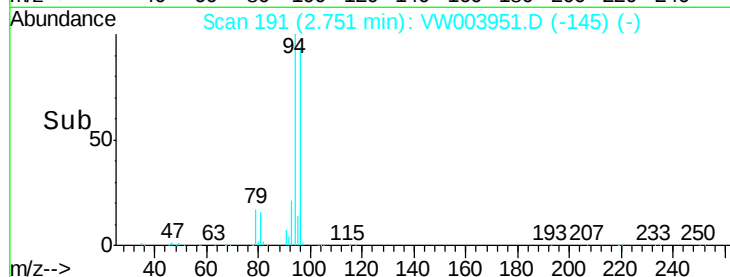
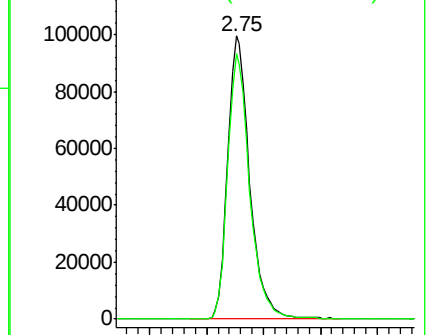
94 100

96 93.8 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 156.44 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003951.D

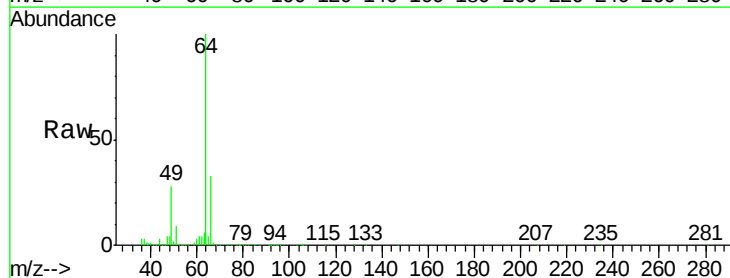
Acq: 16 Jul 2018 14:33

Tgt Ion: 64 Resp: 240013

Ion Ratio Lower Upper

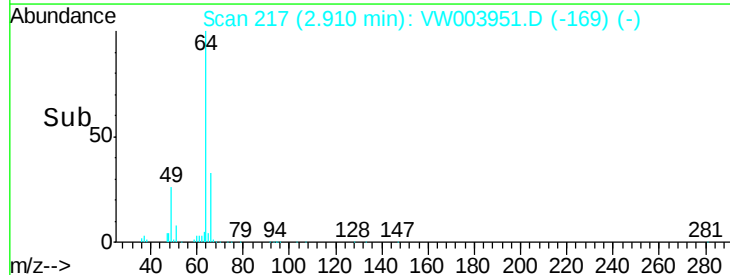
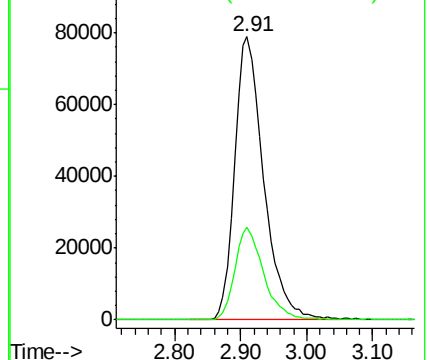
64 100

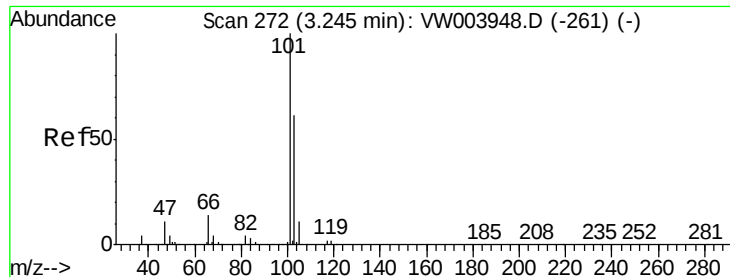
66 32.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



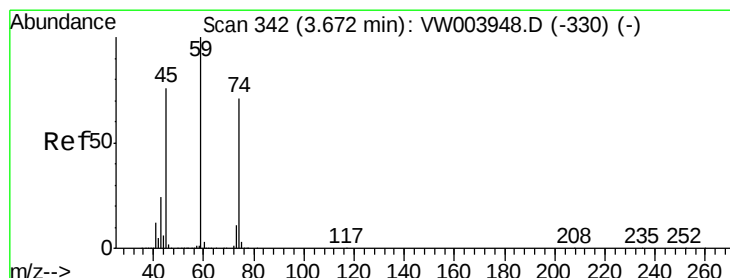
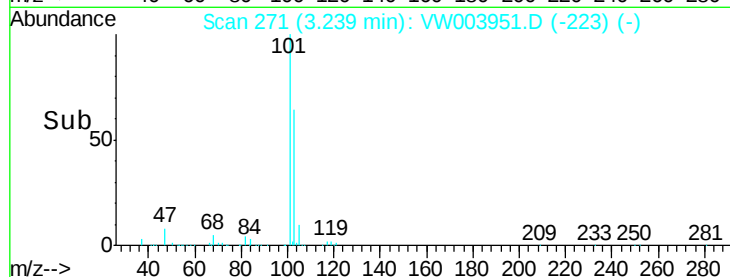
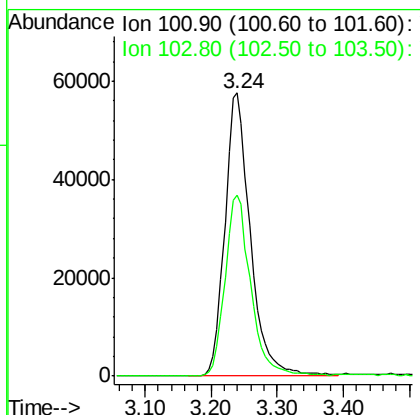
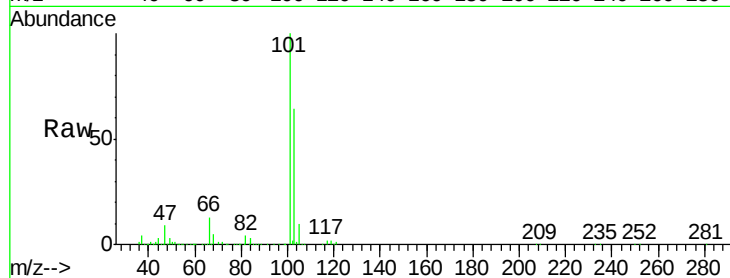


#7

Trichlorofluoromethane
Concen: 132.38 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

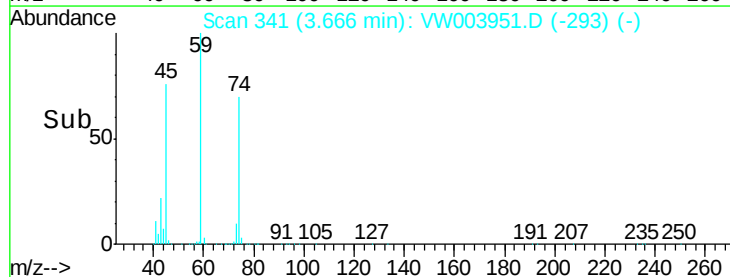
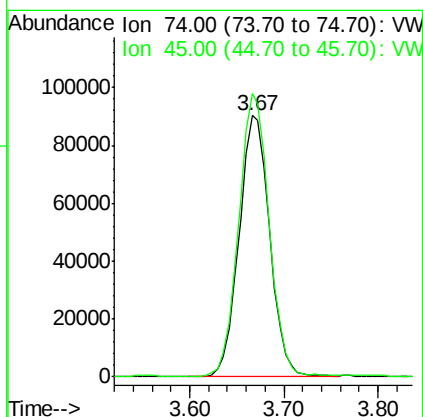
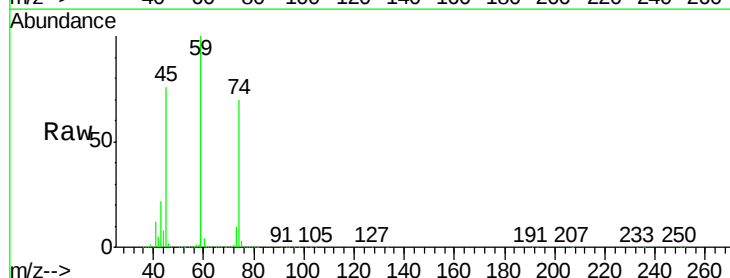
Tot Ion:101 Resp: 154201
Ion Ratio Lower Upper
101 100
103 63.9 49.0 73.6

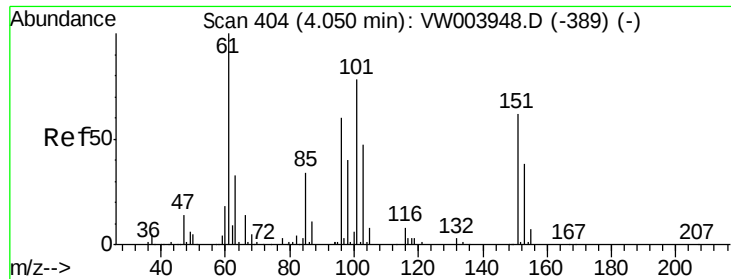


#8

Diethyl Ether
Concen: 155.58 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 74 Resp: 205248
Ion Ratio Lower Upper
74 100
45 106.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.24 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

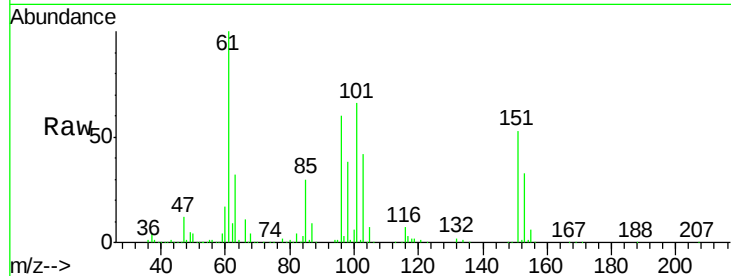
Tot Ion:101 Resp: 386557

Ion Ratio Lower Upper

101 100

85 44.9 35.8 53.6

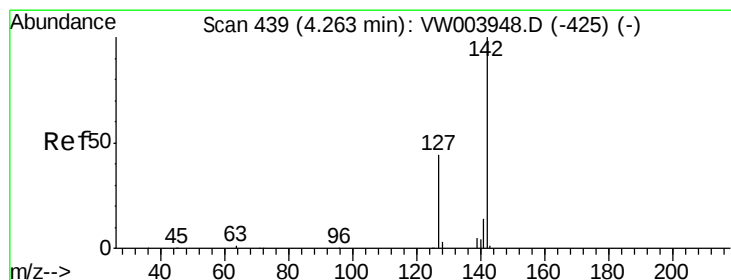
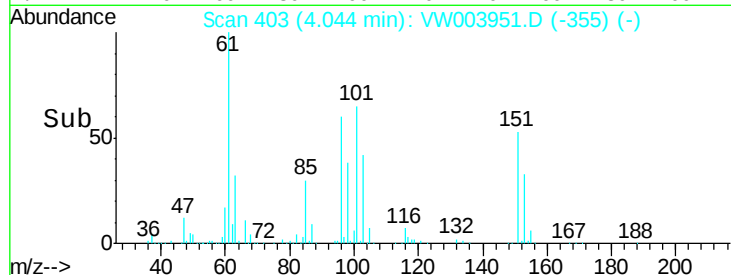
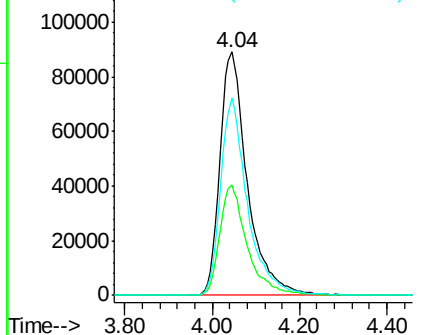
151 79.0 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60):

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50):



#10

Methyl Iodide

Concen: 157.89 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

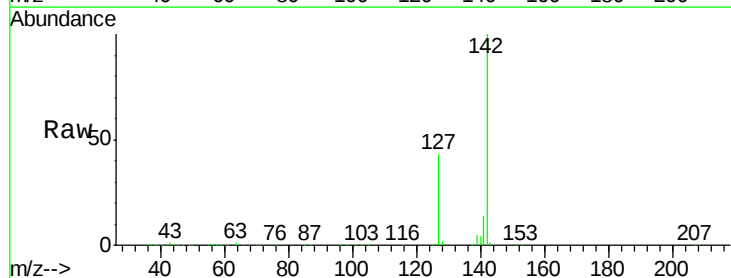
Tgt Ion:142 Resp: 594811

Ion Ratio Lower Upper

142 100

127 43.7 35.4 53.2

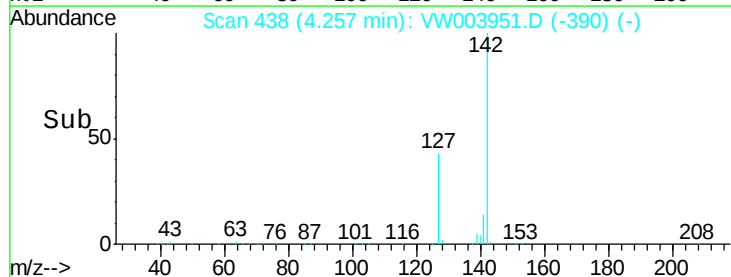
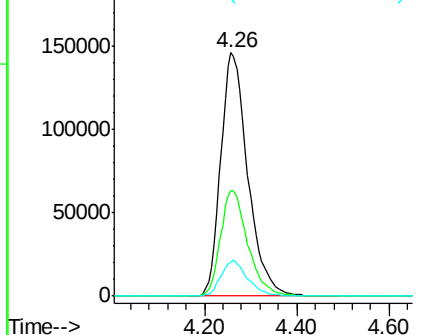
141 14.4 11.7 17.5

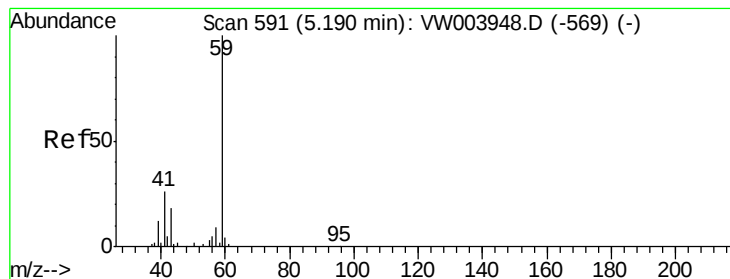


Abundance Ion 141.80 (141.50 to 142.50):

Ion 126.80 (126.50 to 127.50):

Ion 140.80 (140.50 to 141.50):





#11

Tert butyl alcohol

Concen: 850.40 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

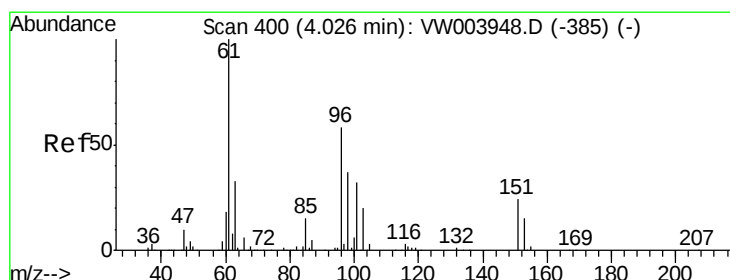
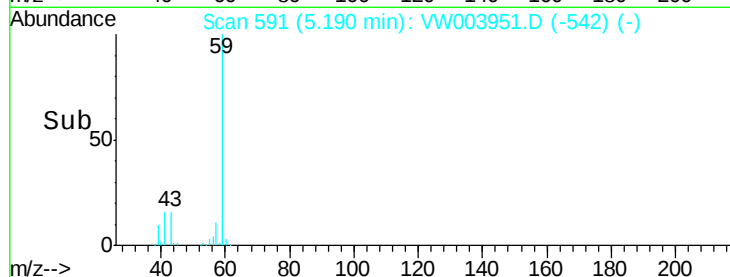
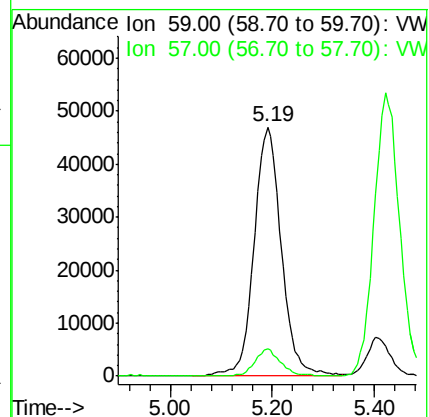
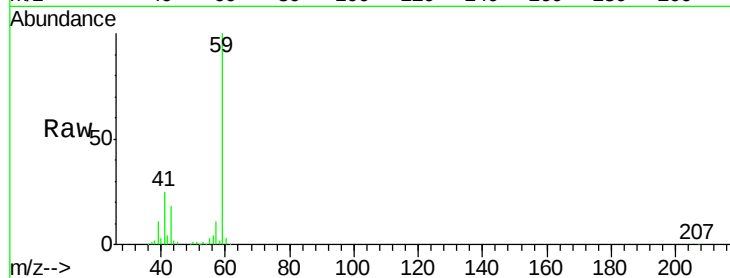
VSTDIC150

Tot Ion: 59 Resp: 174717

Ion Ratio Lower Upper

59 100

57 10.3 8.5 12.7



#12

1,1-Dichloroethene

Concen: 152.93 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

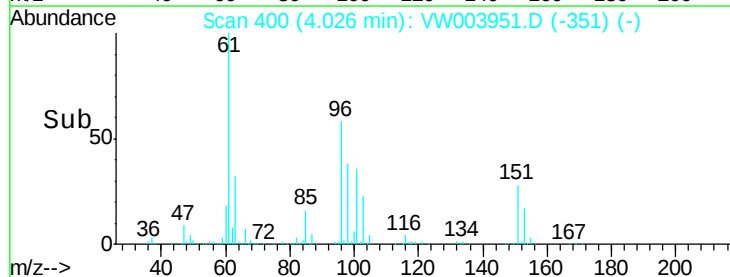
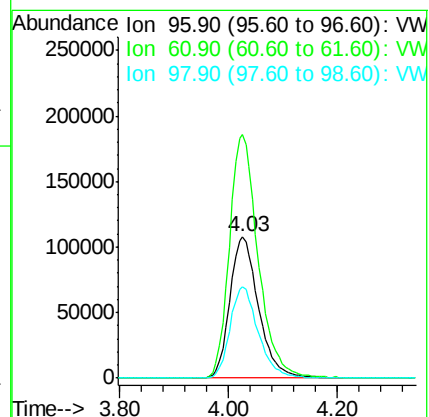
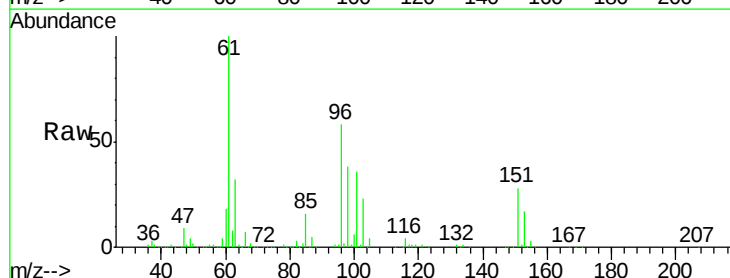
Tgt Ion: 96 Resp: 396998

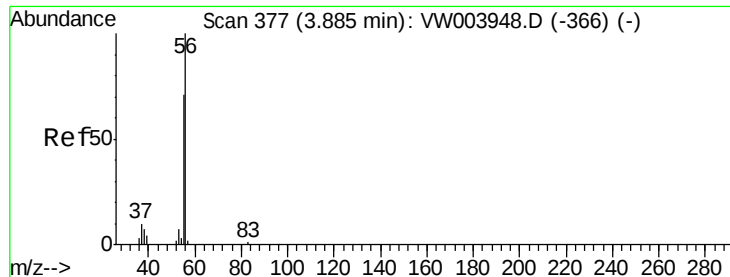
Ion Ratio Lower Upper

96 100

61 171.7 137.0 205.6

98 64.6 50.2 75.4





#13

Acrolein

Concen: 693.54 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

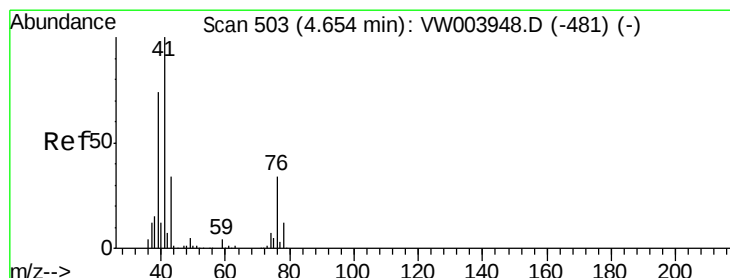
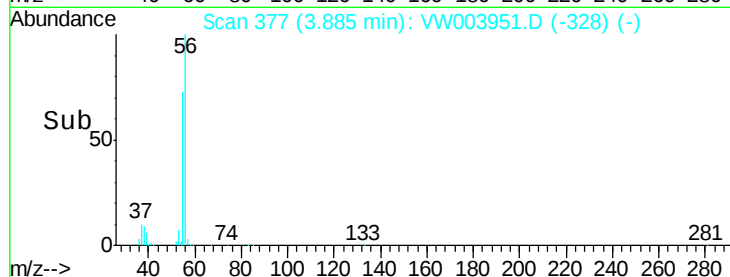
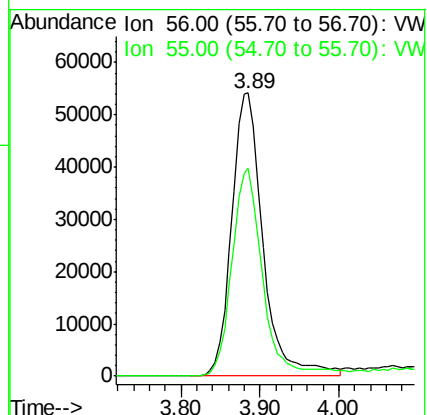
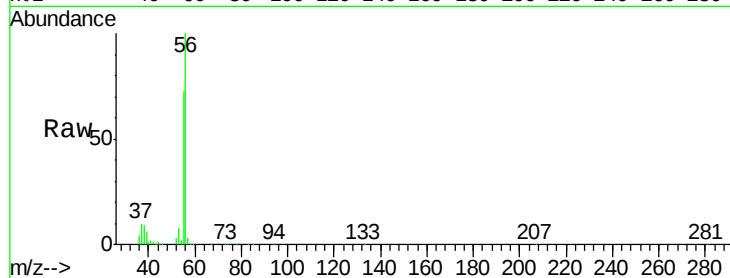
VSTDIC150

Tot Ion: 56 Resp: 148685

Ion Ratio Lower Upper

56 100

55 70.3 58.2 87.4



#14

Allyl chloride

Concen: 150.29 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

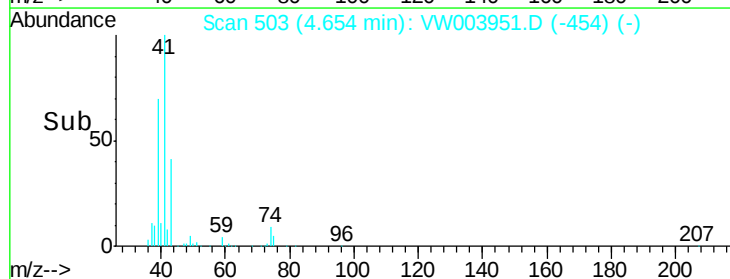
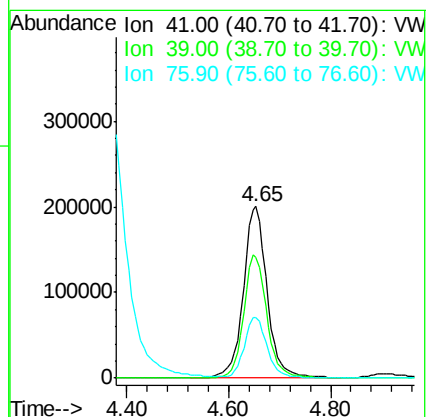
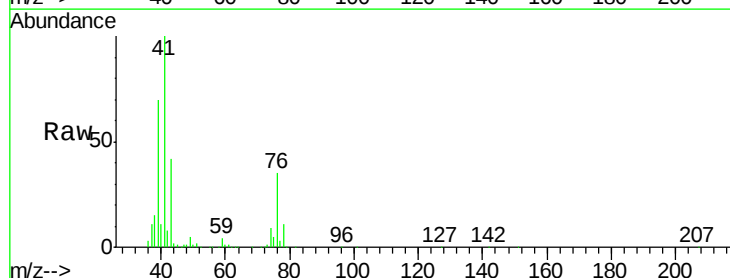
Tgt Ion: 41 Resp: 647495

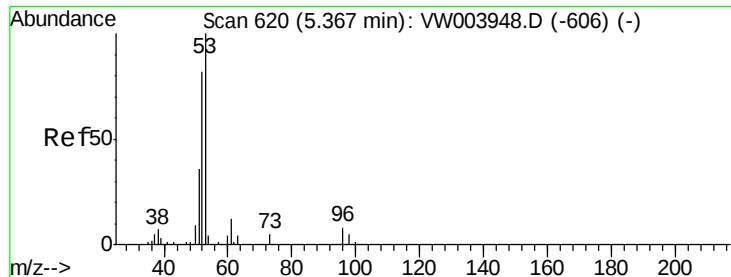
Ion Ratio Lower Upper

41 100

39 70.2 57.0 85.4

76 34.1 26.5 39.7





#15

Acrylonitrile

Concen: 817.31 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

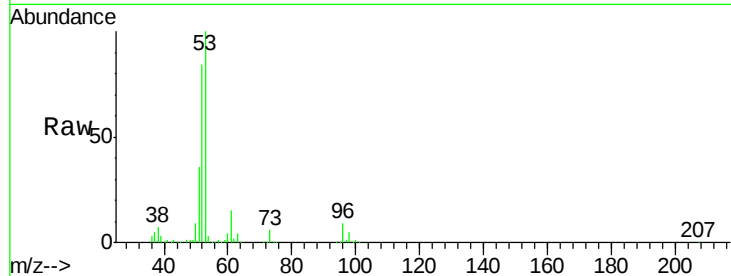
Tot Ion: 53 Resp: 554232

Ion Ratio Lower Upper

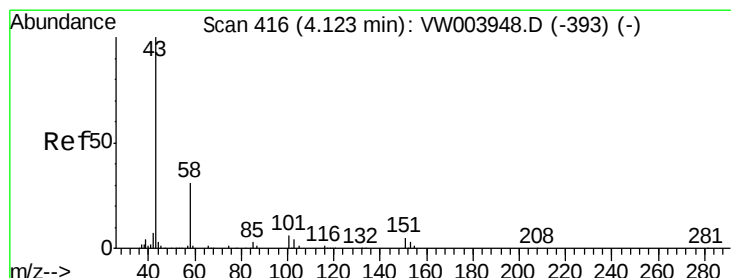
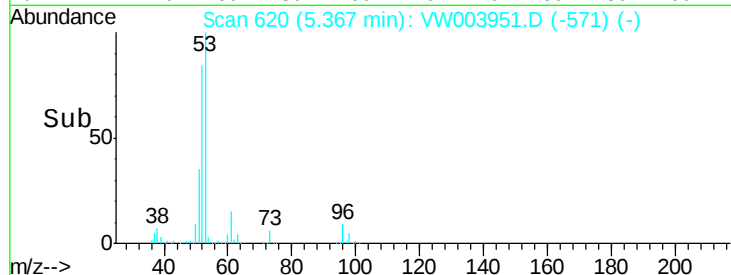
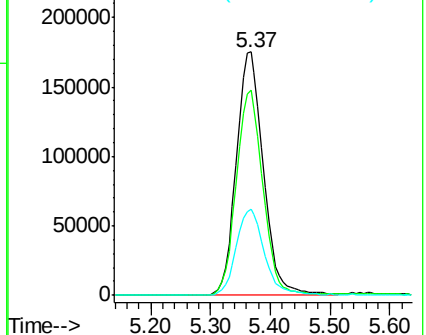
53 100

52 82.8 66.1 99.1

51 37.0 29.8 44.6



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: 728.60 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW003951.D

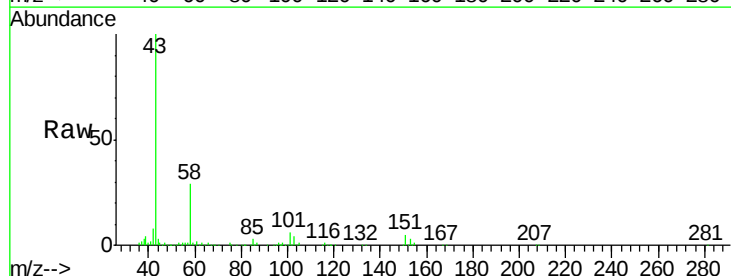
Acq: 16 Jul 2018 14:33

Tgt Ion: 43 Resp: 526108

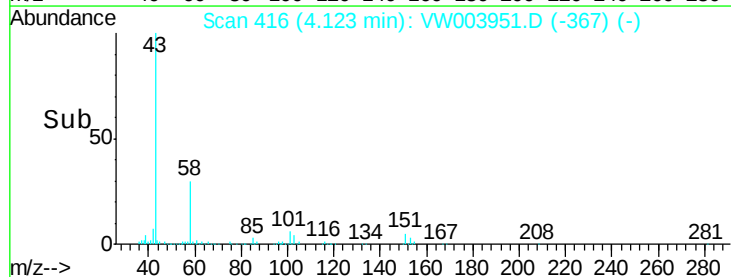
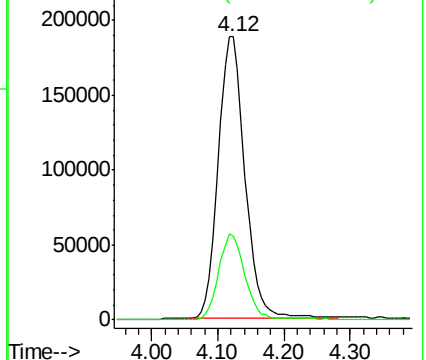
Ion Ratio Lower Upper

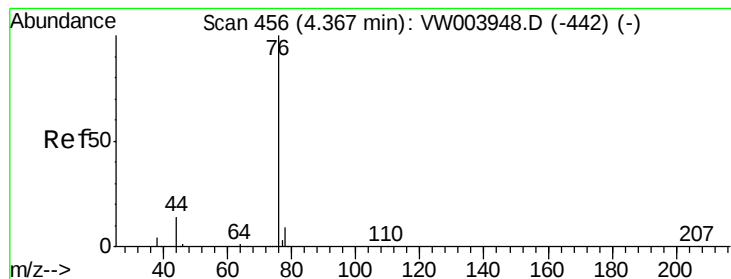
43 100

58 29.5 24.5 36.7



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





#17

Carbon Disulfide

Concen: 151.81 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

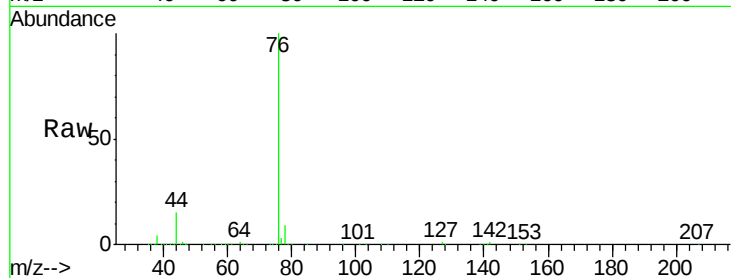
VSTDIC150

Tot Ion: 76 Resp: 1232609

Ion Ratio Lower Upper

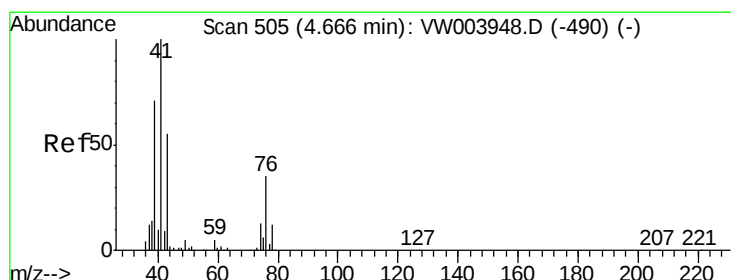
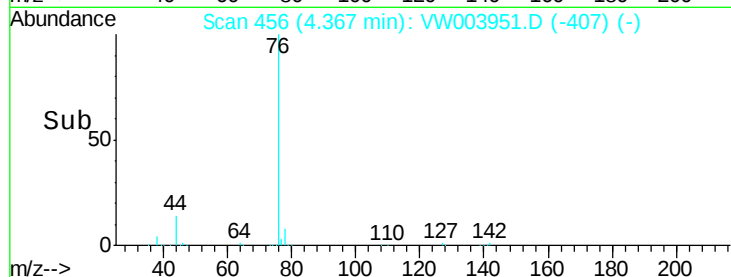
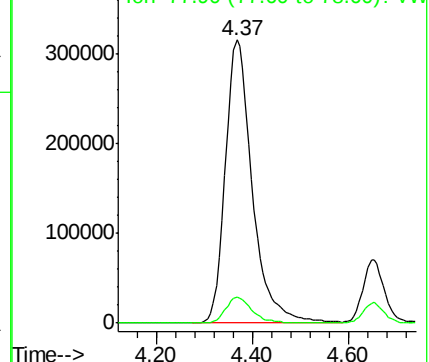
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 168.11 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW003951.D

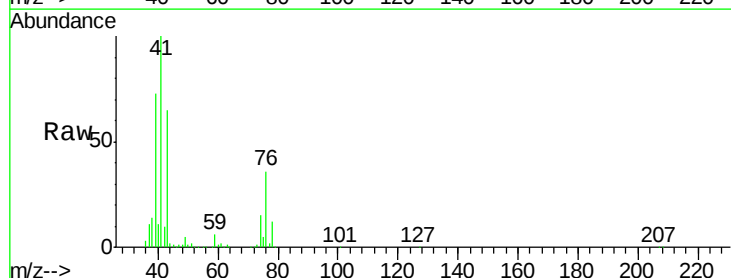
Acq: 16 Jul 2018 14:33

Tgt Ion: 43 Resp: 287885

Ion Ratio Lower Upper

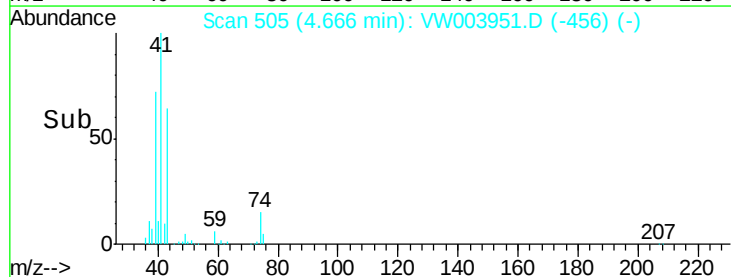
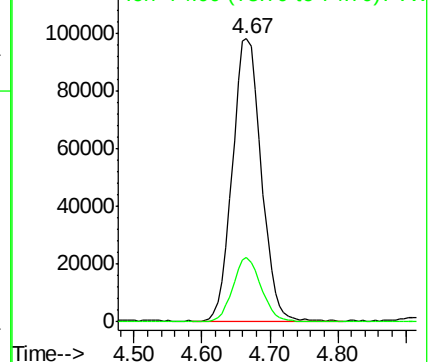
43 100

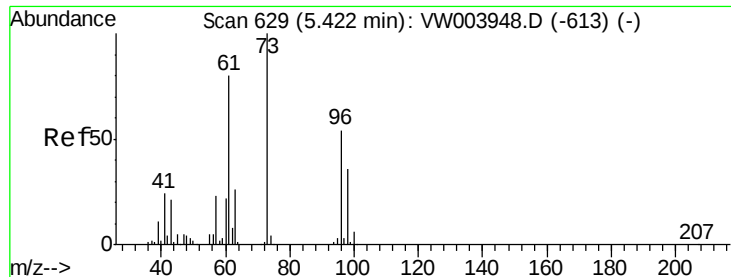
74 22.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

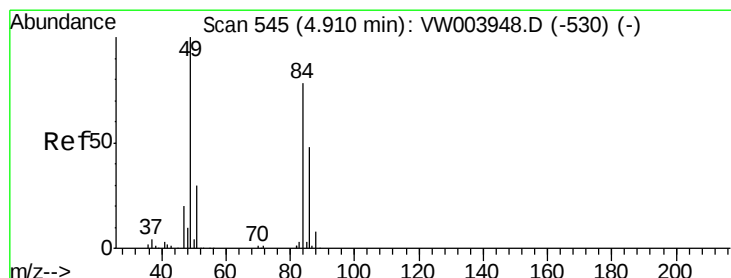
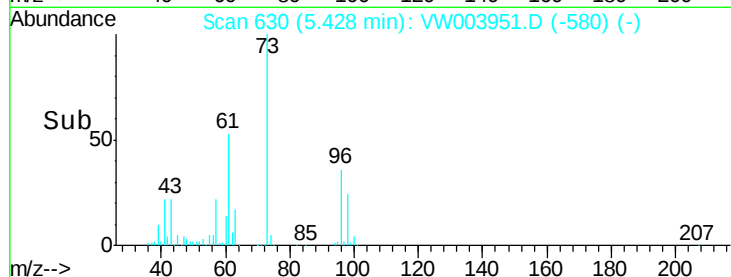
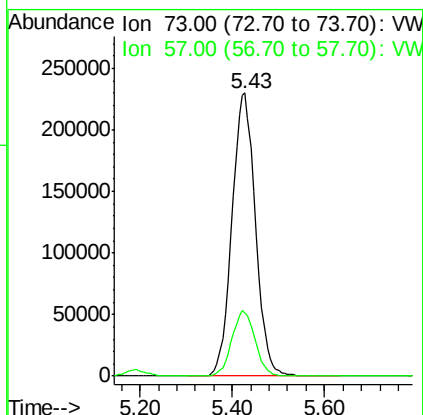
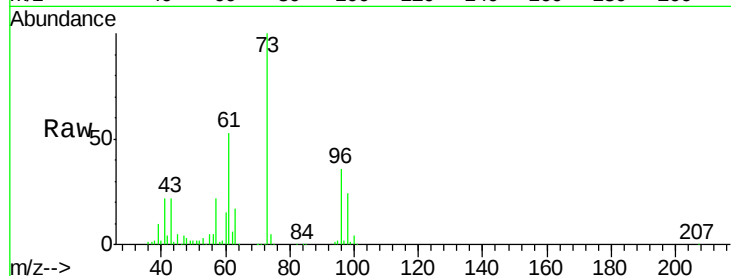




#19
Methvl tert-butvl Ether
Concen: 162.68 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

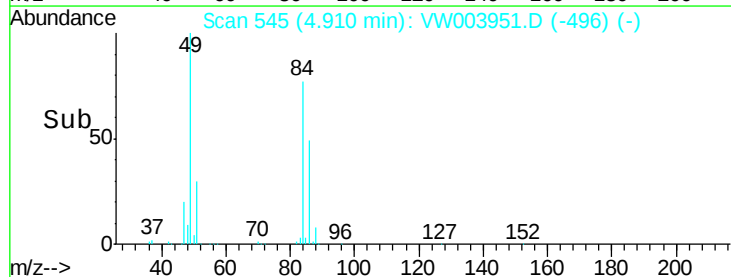
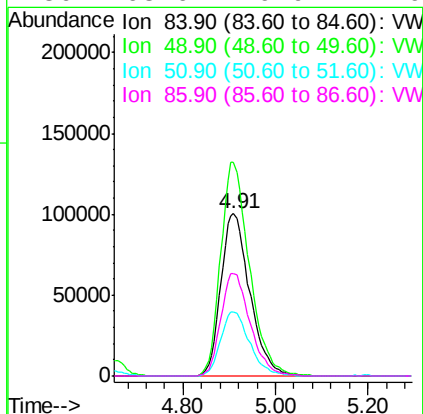
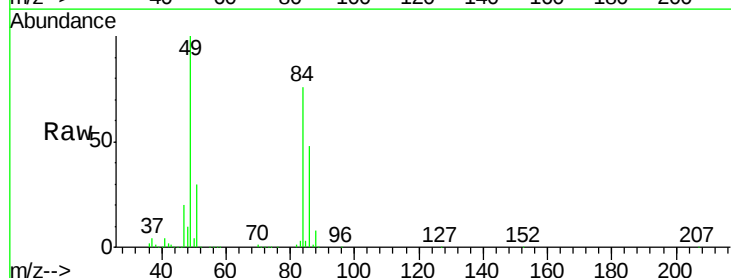
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

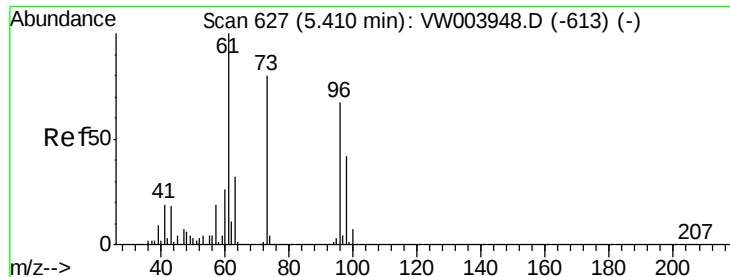
Tot Ion: 73 Resp: 808157
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 160.89 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 84 Resp: 437698
Ion Ratio Lower Upper
84 100
49 131.7 102.9 154.3
51 39.8 30.9 46.3
86 63.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 151.37 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

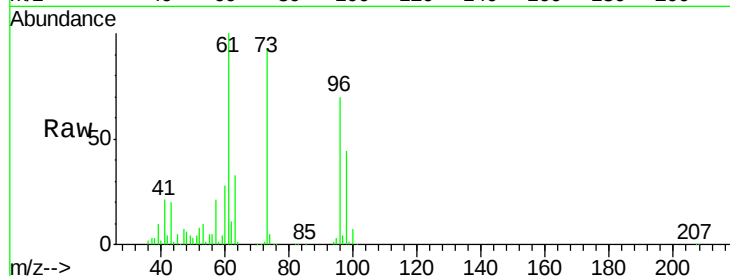
Tot Ion: 96 Resp: 431795

Ion Ratio Lower Upper

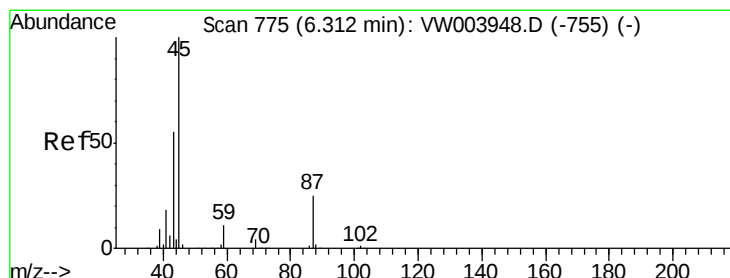
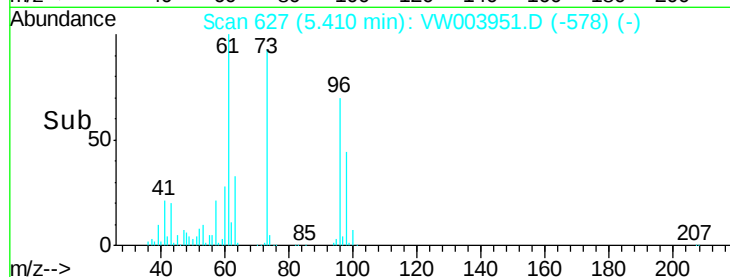
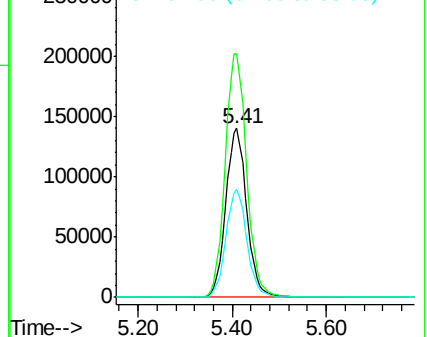
96 100

61 143.8 119.0 178.4

98 63.5 49.9 74.9



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: 157.33 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Tgt Ion: 45 Resp: 1365200

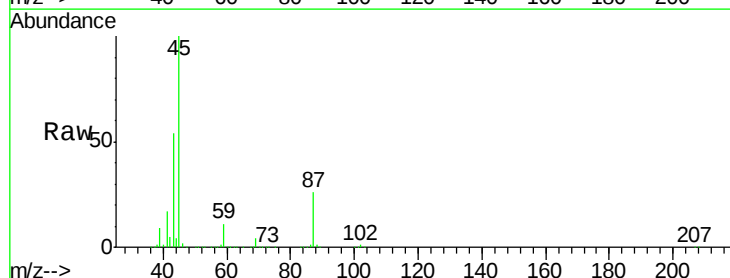
Ion Ratio Lower Upper

45 100

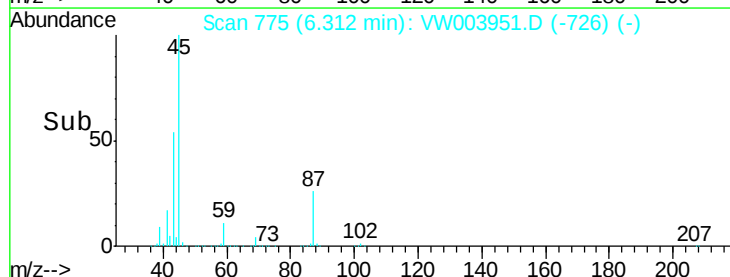
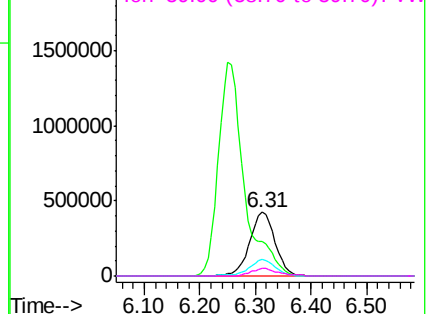
43 53.6 44.3 66.5

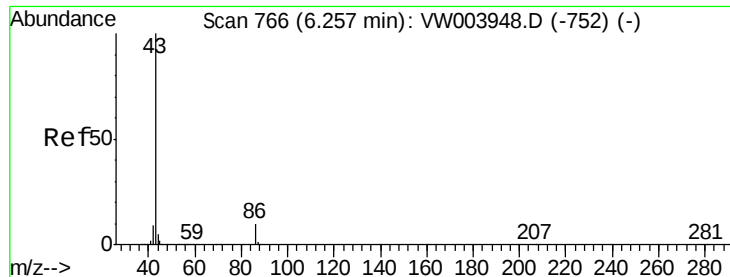
87 25.6 20.2 30.4

59 11.1 9.0 13.4



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: 838.05 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

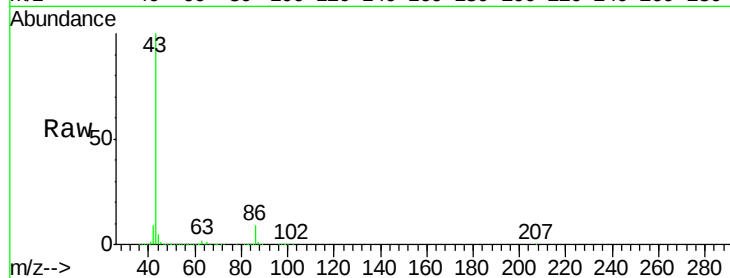
VSTDIC150

Tot Ion: 43 Resp: 4591572

Ion Ratio Lower Upper

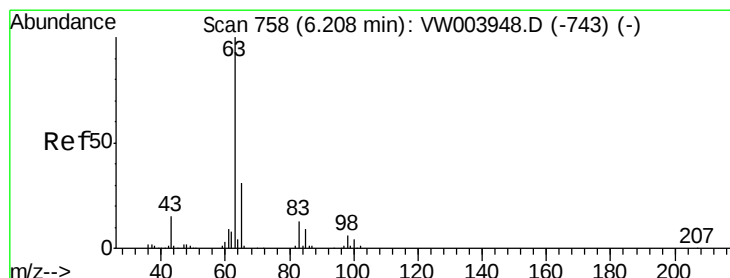
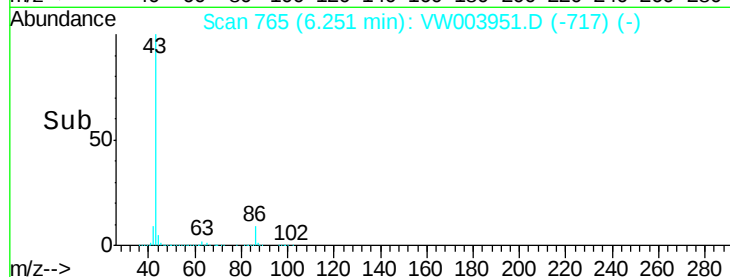
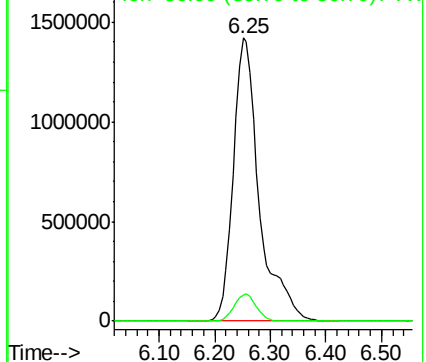
43 100

86 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 153.90 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

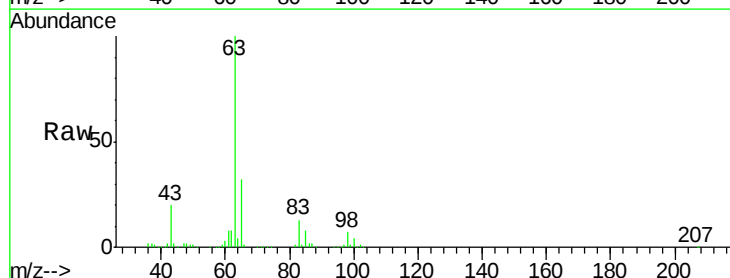
Tgt Ion: 63 Resp: 812628

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

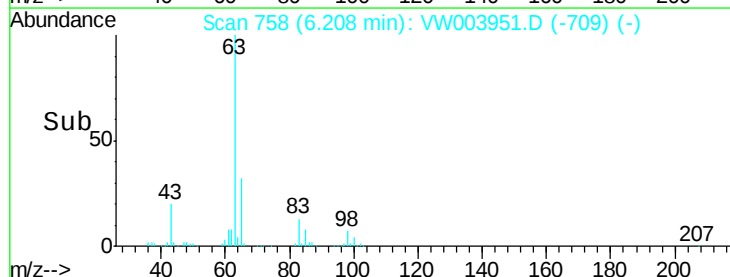
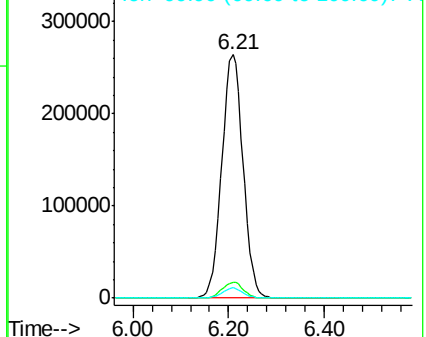
100 4.1 2.1 6.5

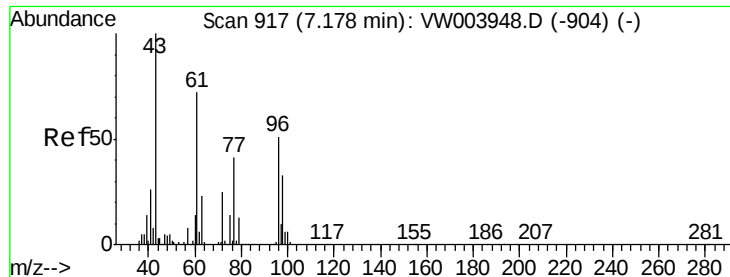


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 830.76 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

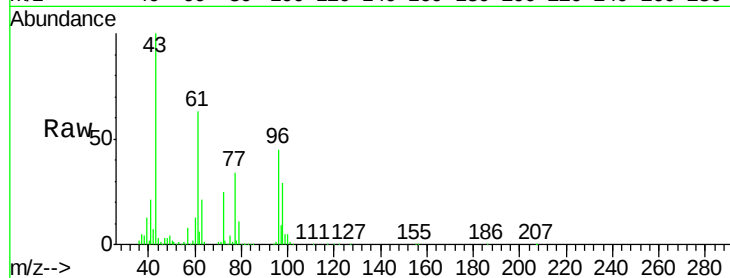
VSTDIC150

Tot Ion: 43 Resp: 801368

Ion Ratio Lower Upper

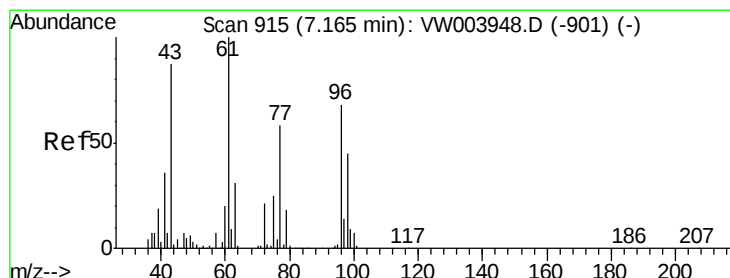
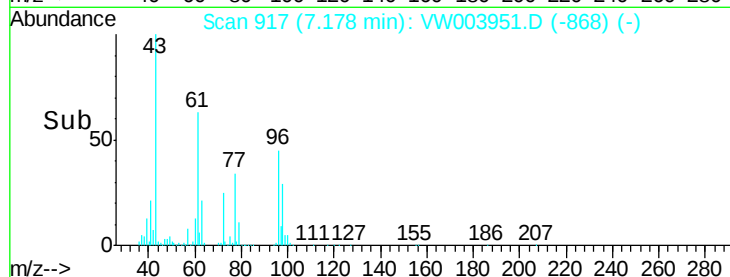
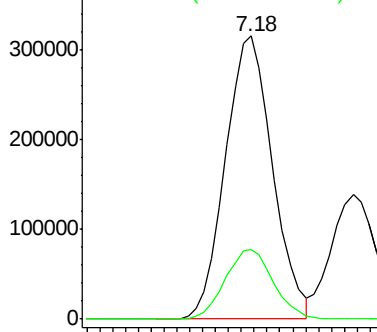
43 100

72 24.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 134.57 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003951.D

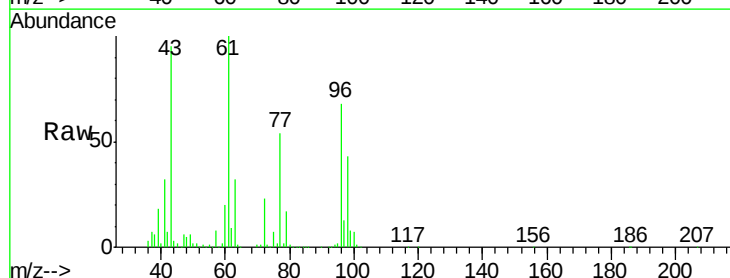
Acq: 16 Jul 2018 14:33

Tgt Ion: 77 Resp: 413083

Ion Ratio Lower Upper

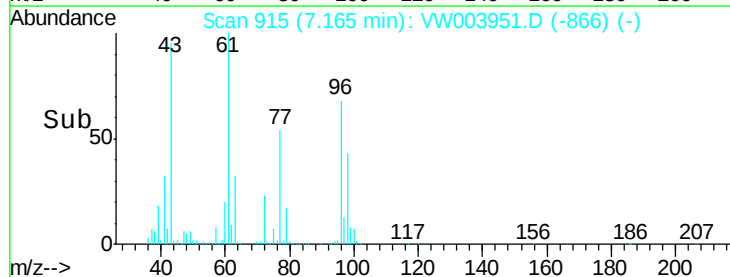
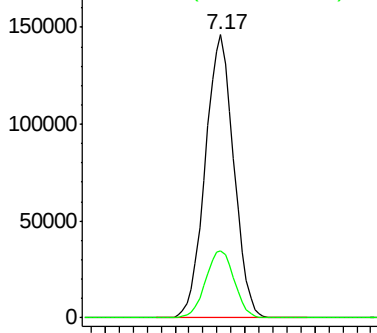
77 100

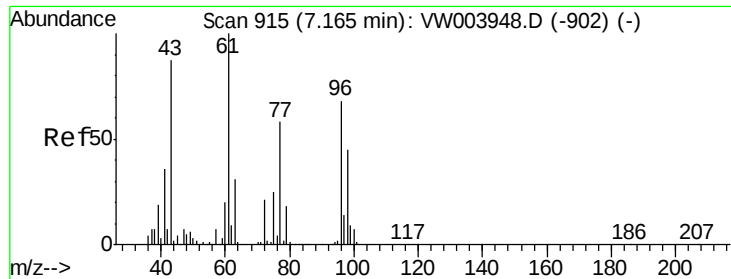
97 24.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



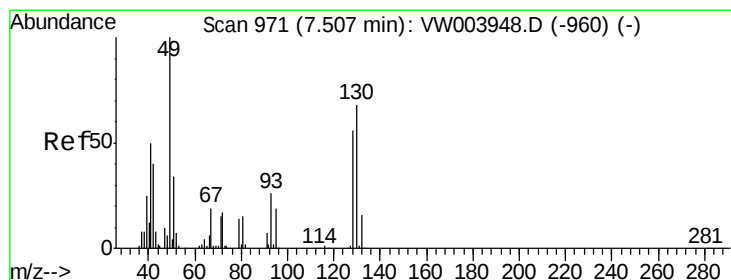
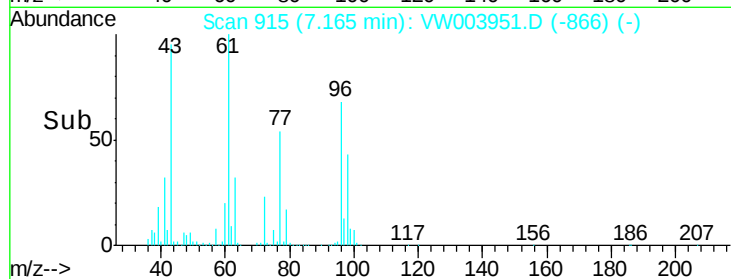
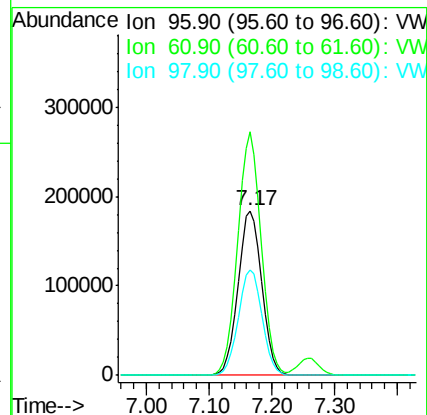
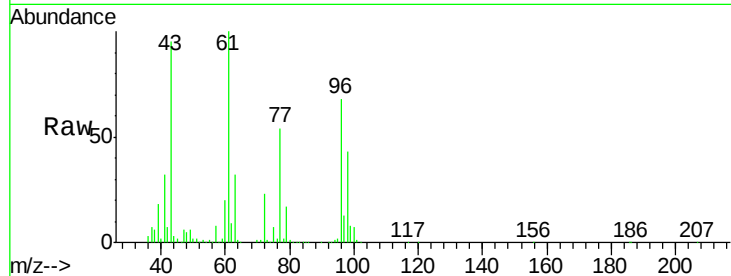


#27

cis-1,2-Dichloroethene
Concen: 156.95 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

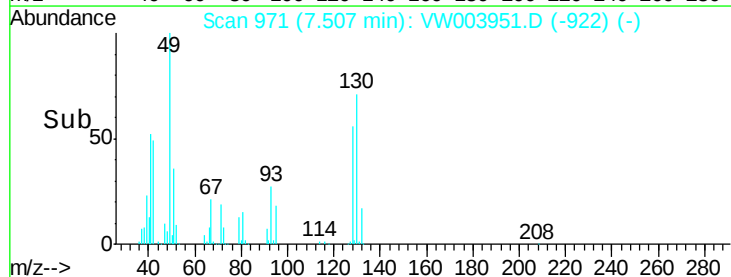
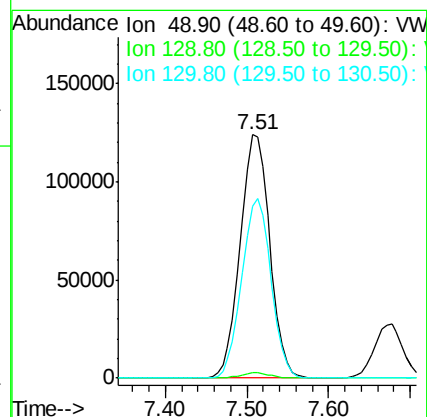
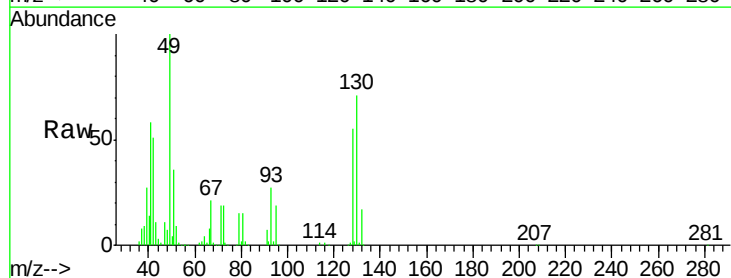
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	298.6
98	64.0	0.0	130.4

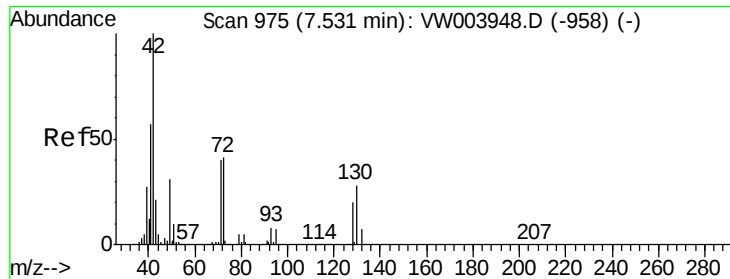


#28

Bromochloromethane
Concen: 143.74 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	73.1	58.3	87.5

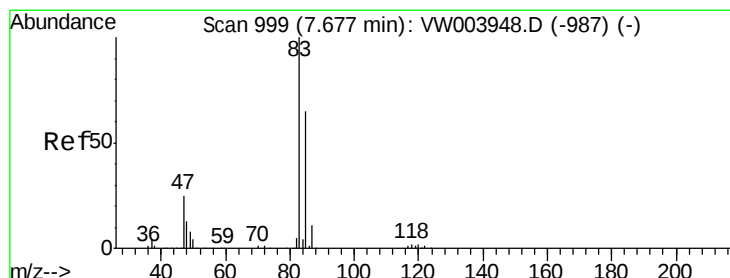
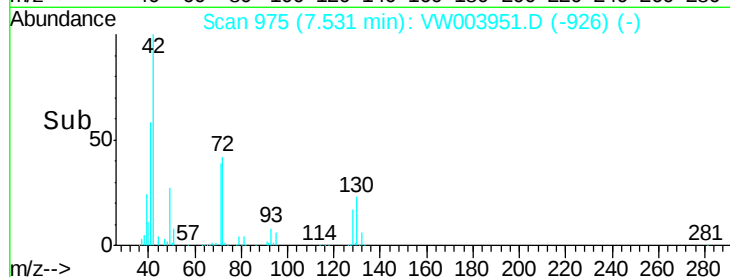
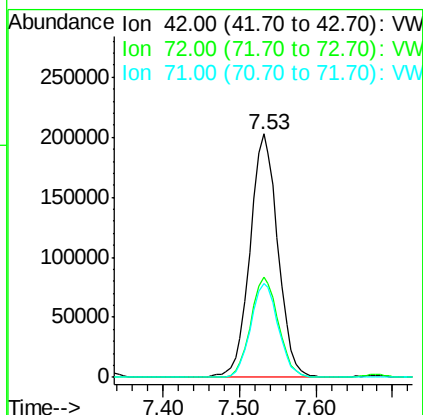
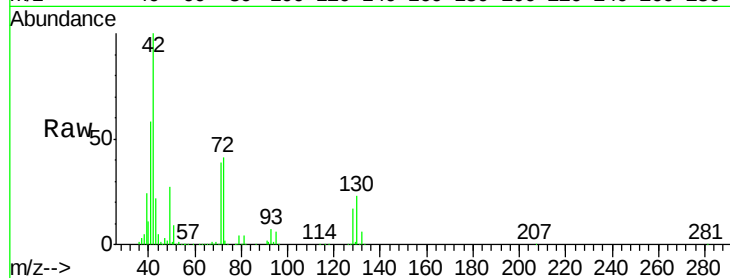




#29
Tetrahydrofuran
Concen: 855.68 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

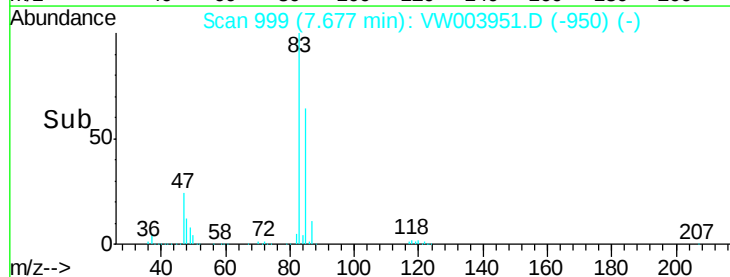
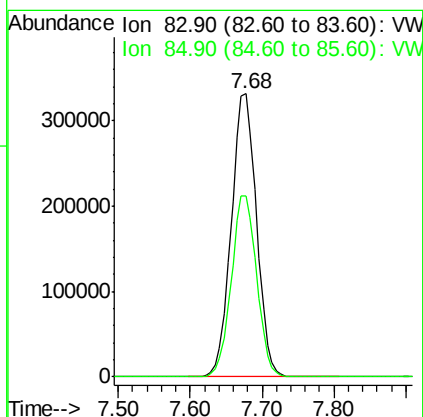
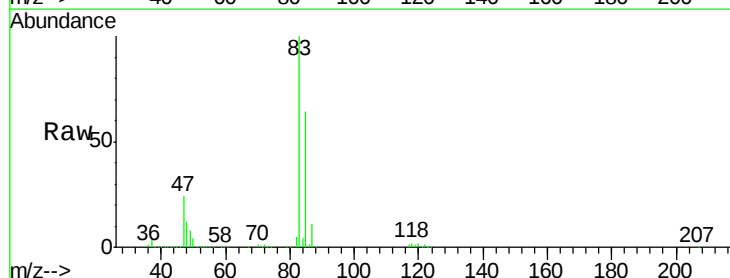
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

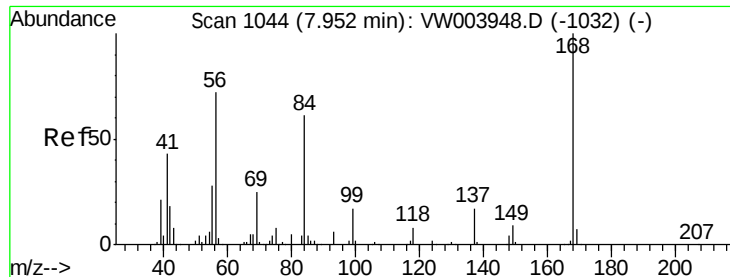
Tot Ion: 42 Resp: 513783
Ion Ratio Lower Upper
42 100
72 40.8 32.6 48.8
71 38.5 30.5 45.7



#30
Chloroform
Concen: 153.36 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 83 Resp: 805835
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4

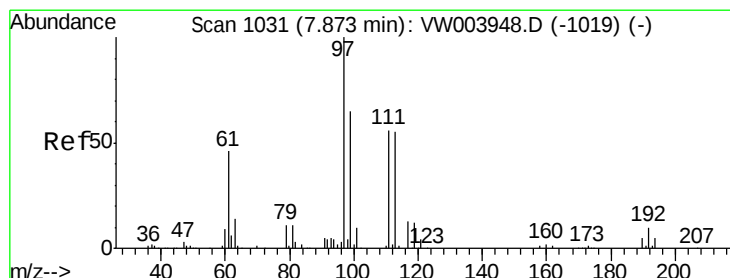
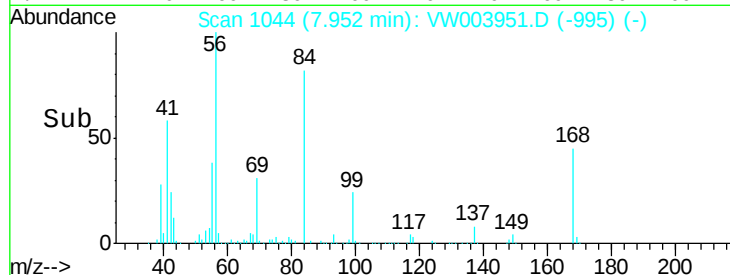
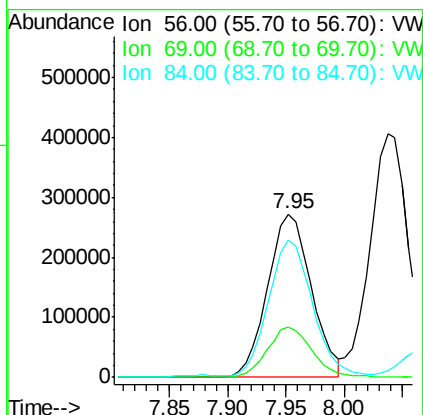
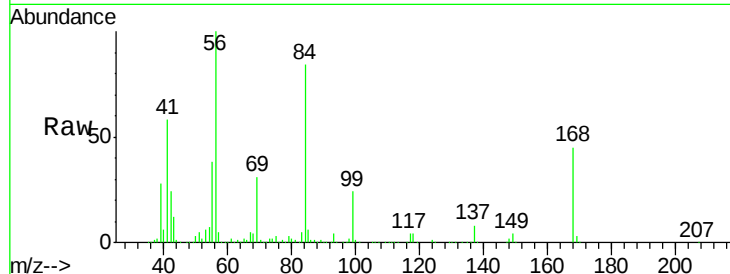




#31
Cyclohexane
Concen: 142.16 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

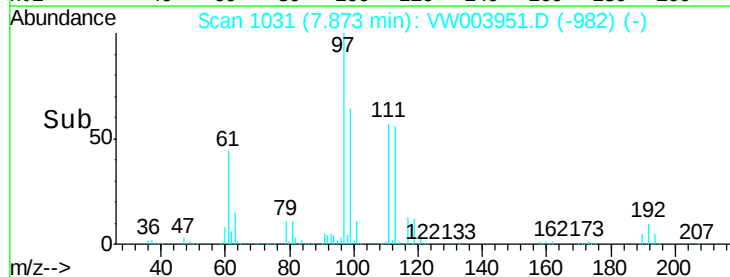
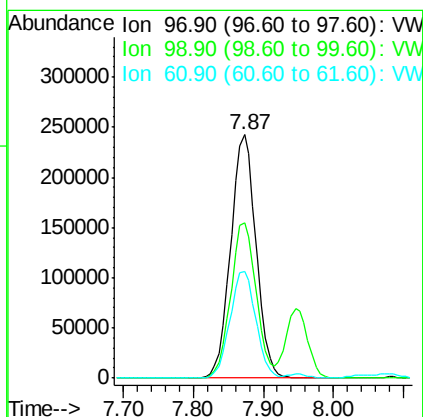
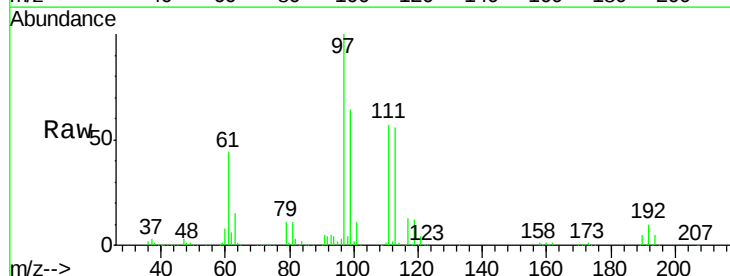
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

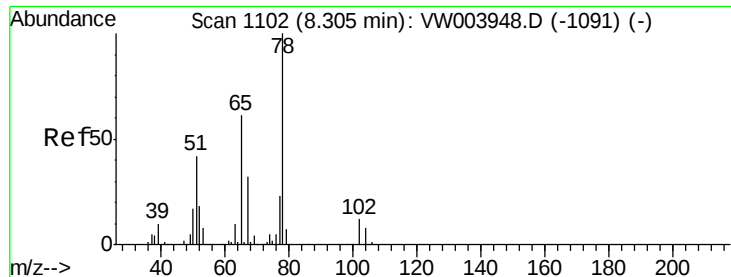
Tot Ion: 56 Resp: 708884
Ion Ratio Lower Upper
56 100
69 30.7 27.8 41.8
84 82.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 147.99 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 97 Resp: 609687
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 44.9 36.8 55.2

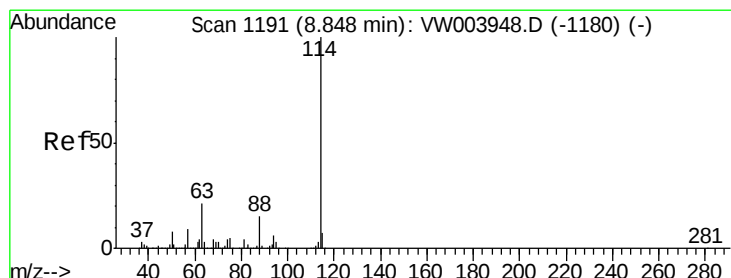
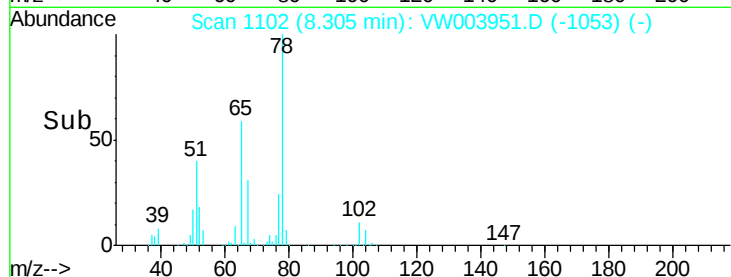
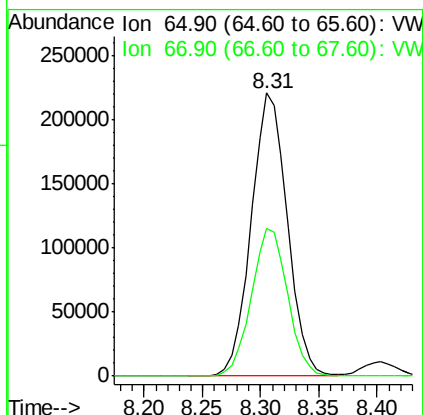
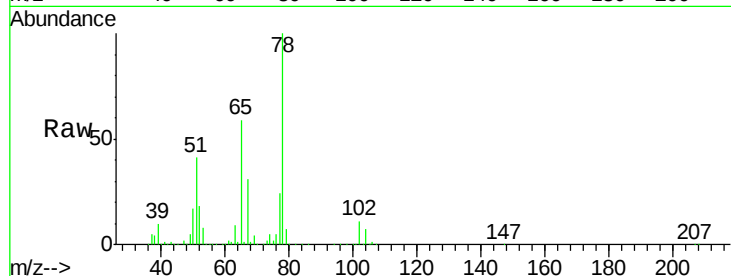




#33
 1,2-Dichloroethane-d4
 Concen: 160.41 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

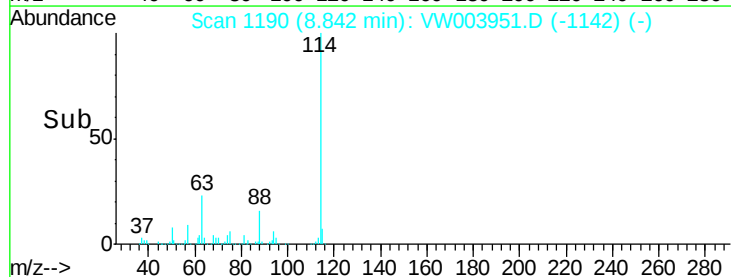
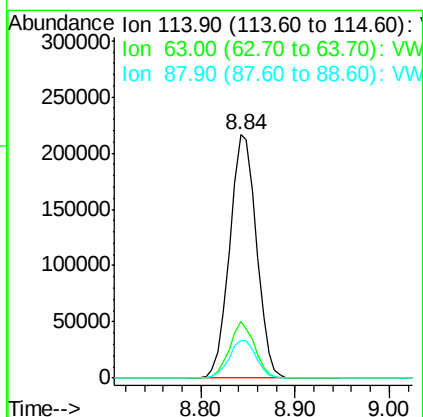
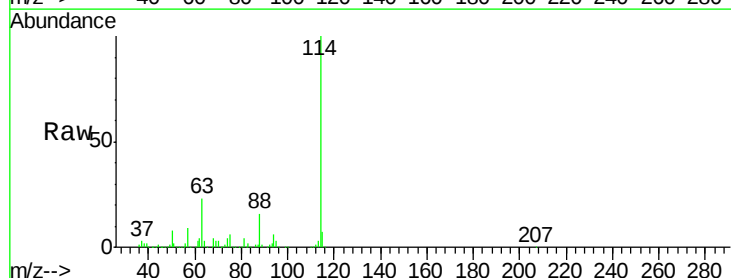
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

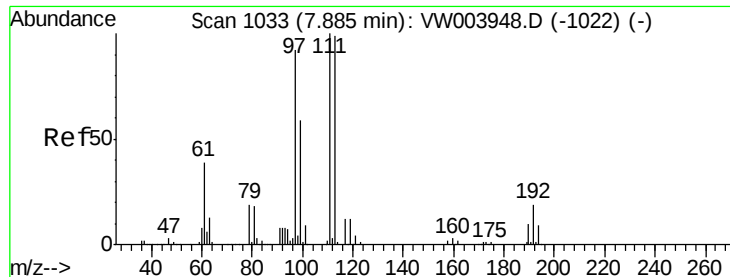
Tot Ion: 65 Resp: 477555
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Tgt Ion: 114 Resp: 427124
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 42.8
 88 15.7 0.0 30.4

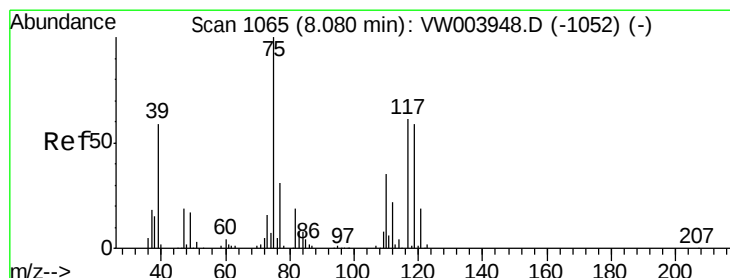
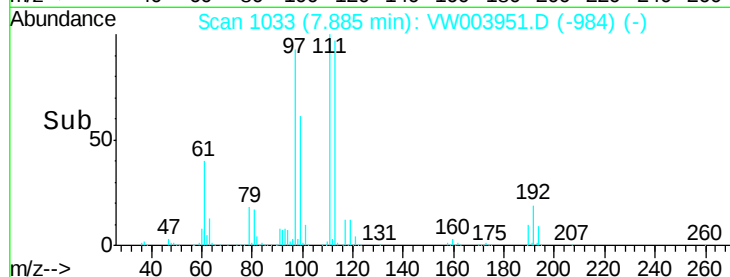
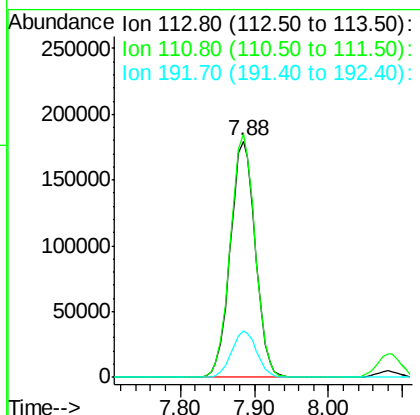
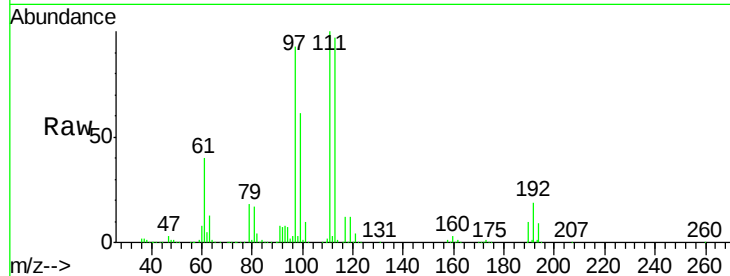




#35
Dibromofluoromethane
Concen: 155.45 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

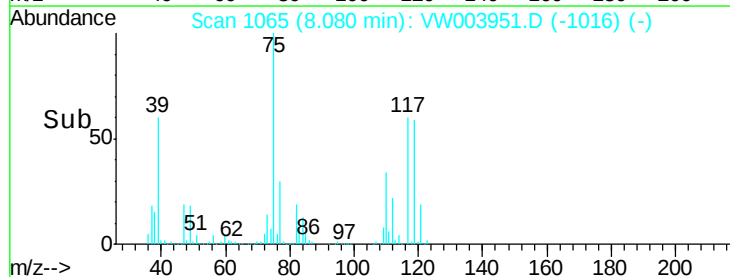
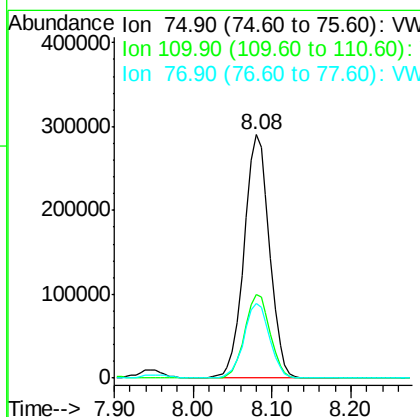
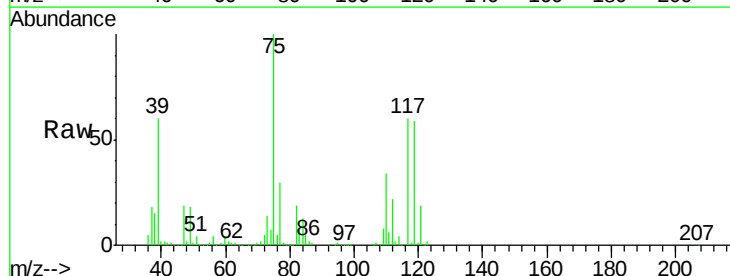
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

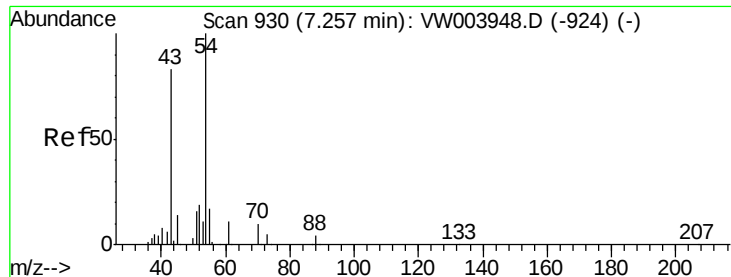
Tot Ion:113 Resp: 421899
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.8 15.8 23.6



#36
1,1-Dichloropropene
Concen: 147.77 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 75 Resp: 647148
Ion Ratio Lower Upper
75 100
110 34.4 17.0 51.0
77 31.2 24.9 37.3

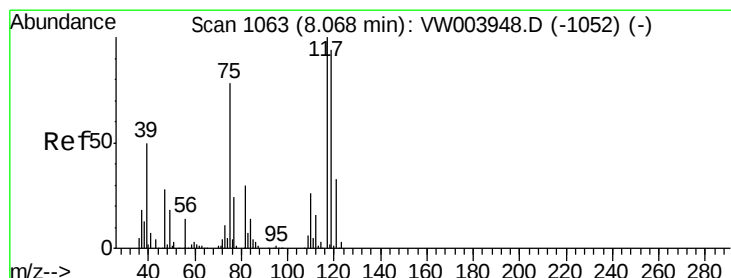
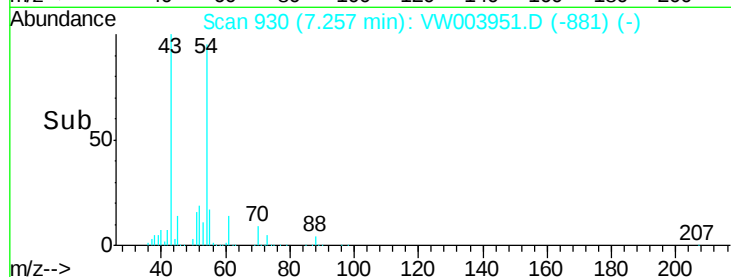
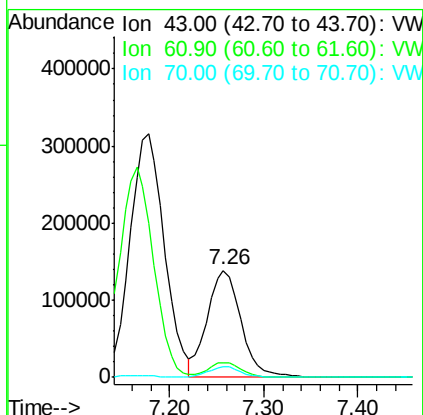
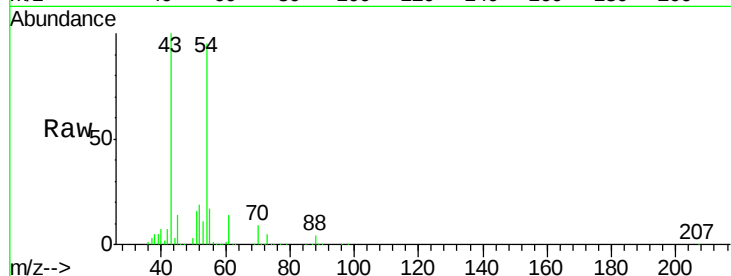




#37
Ethyl Acetate
Concen: 163.77 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

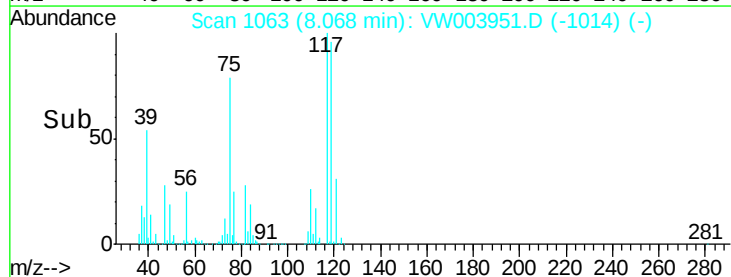
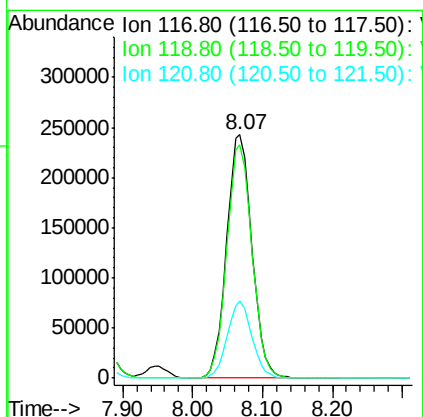
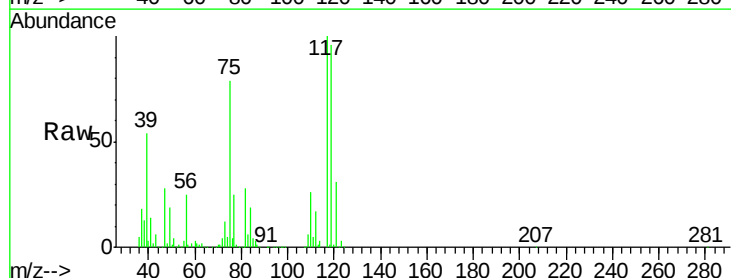
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

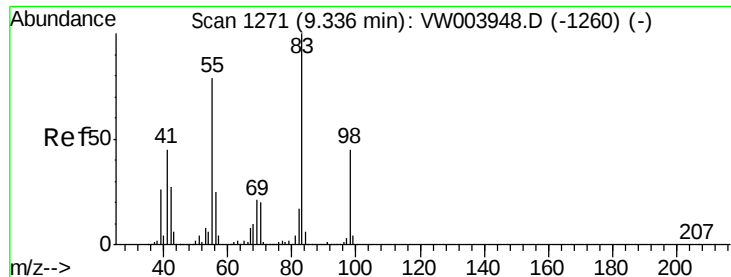
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	9.7	7.7	11.5



#38
Carbon Tetrachloride
Concen: 148.57 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.3	112.9
121	31.5	26.0	39.0

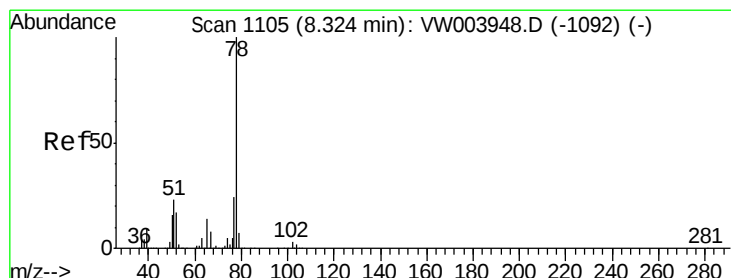
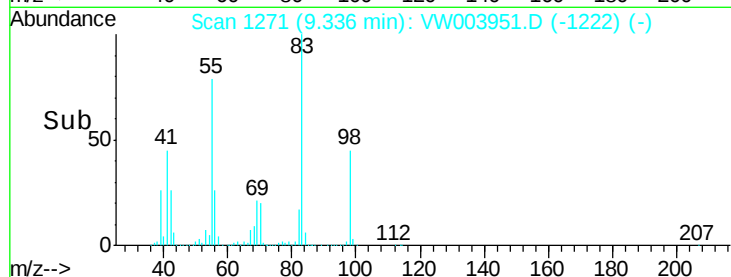
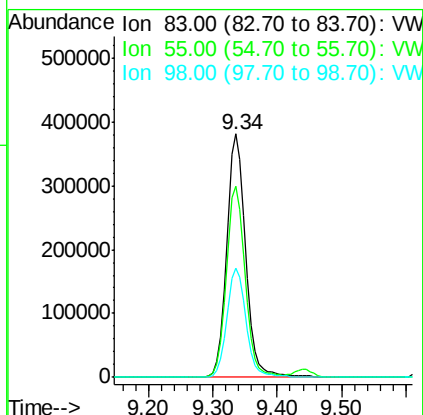
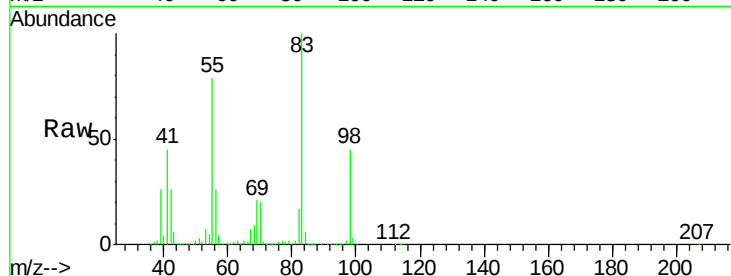




#39
Methvlcvclohexane
Concen: 154.99 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

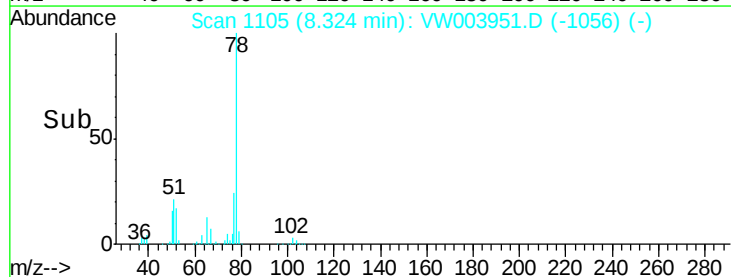
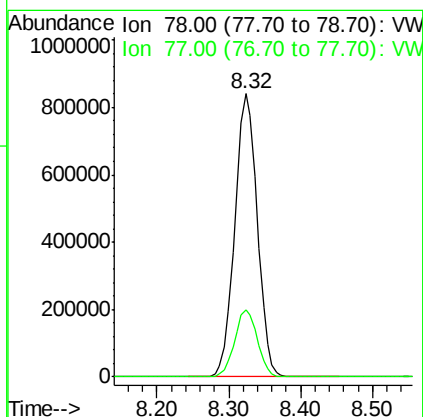
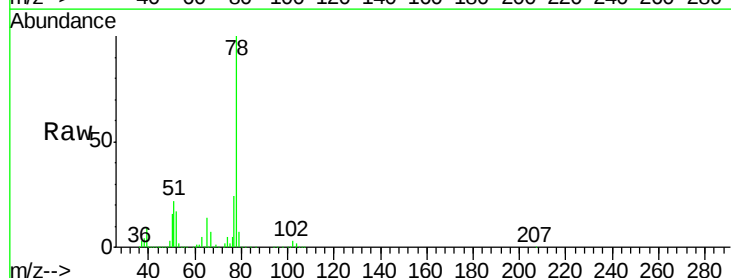
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

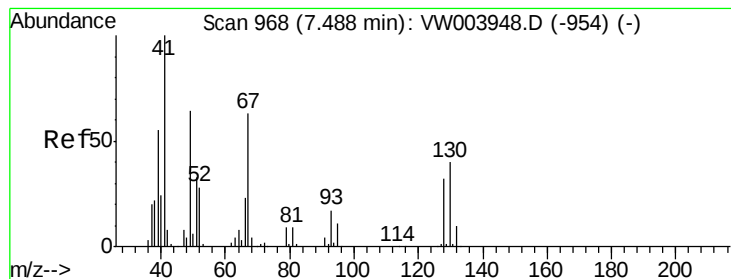
Tot Ion: 83 Resp: 794451
Ion Ratio Lower Upper
83 100
55 78.6 62.8 94.2
98 45.1 36.2 54.4



#40
Benzene
Concen: 150.20 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 78 Resp: 1820637
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41

Methacrylonitrile

Concen: 184.88 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 210929

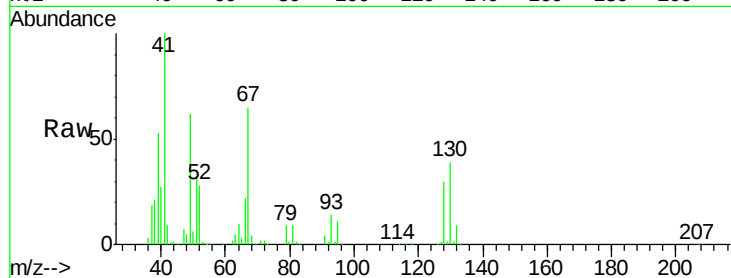
Ion Ratio Lower Upper

41 100

39 53.8 50.0 75.0

67 65.2 60.8 91.2

52 28.0 26.2 39.4

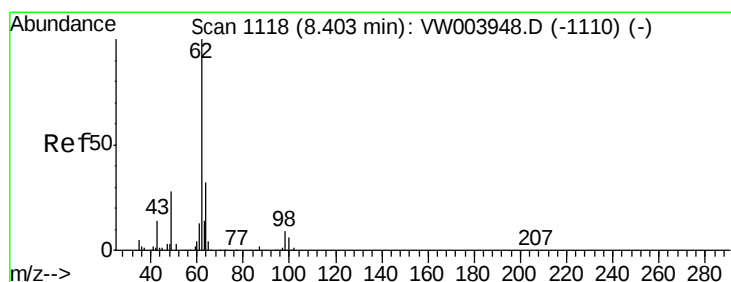
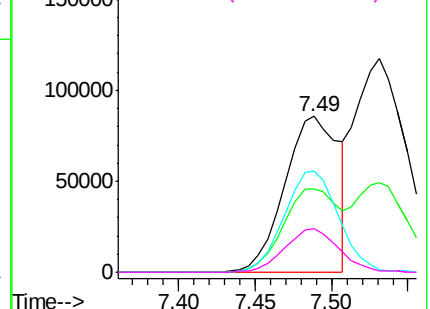
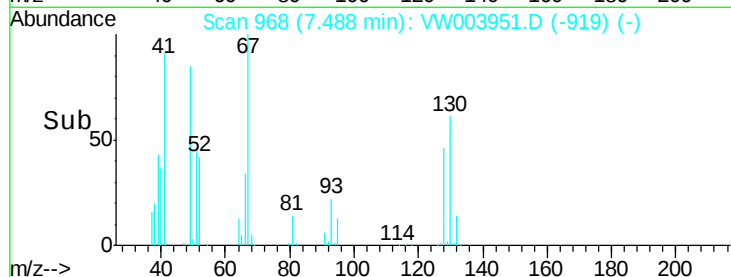


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 153.11 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW003951.D

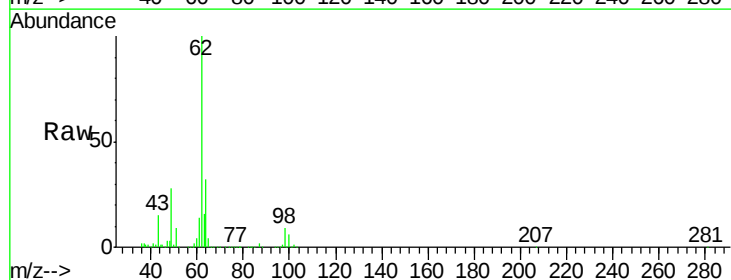
Acq: 16 Jul 2018 14:33

Tgt Ion: 62 Resp: 565836

Ion Ratio Lower Upper

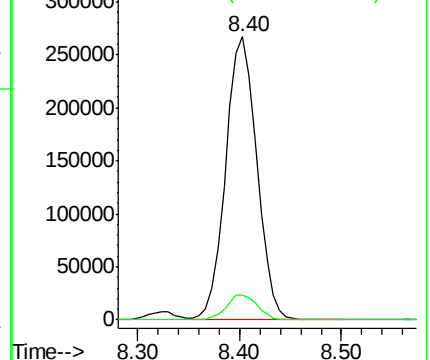
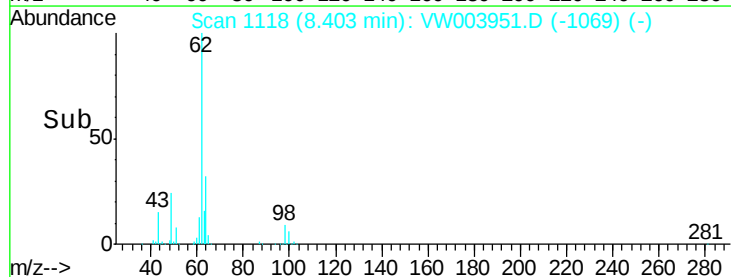
62 100

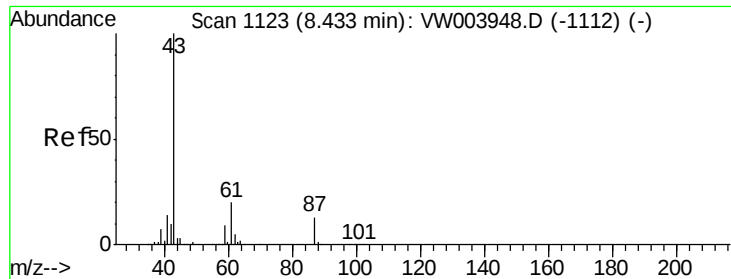
98 8.8 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



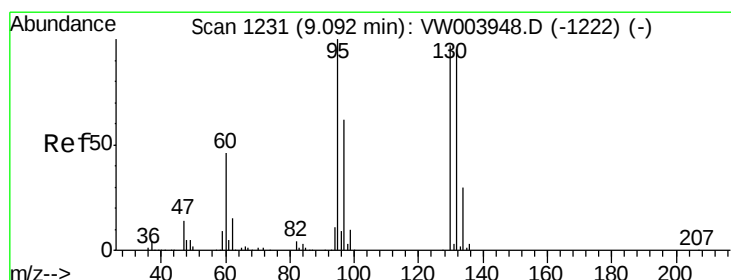
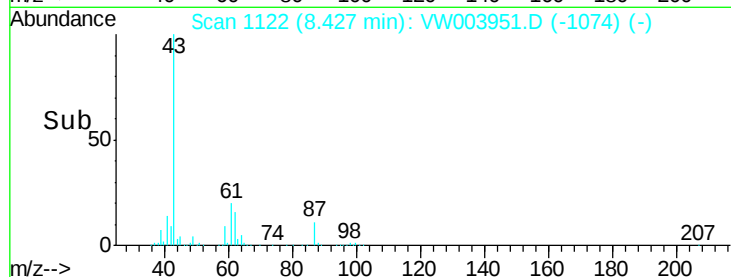
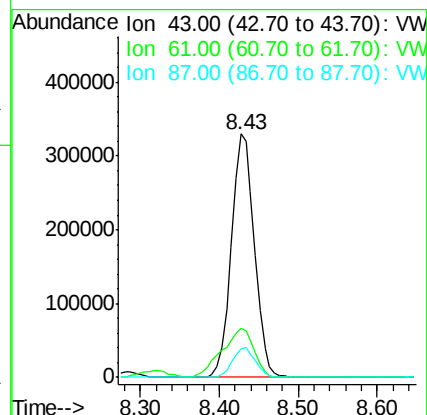
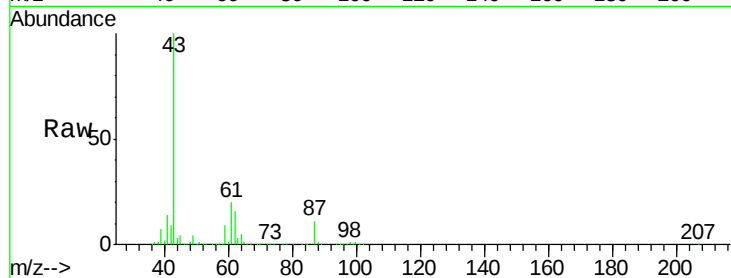


#43

Isopropyl Acetate
 Concen: 170.40 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

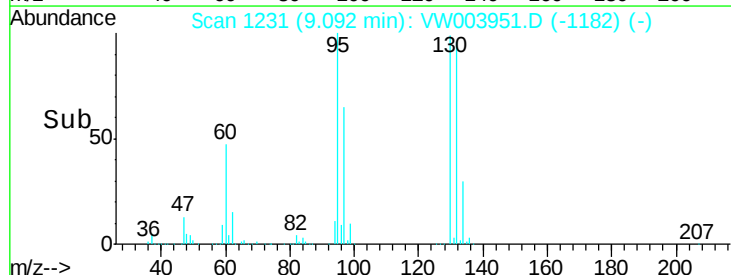
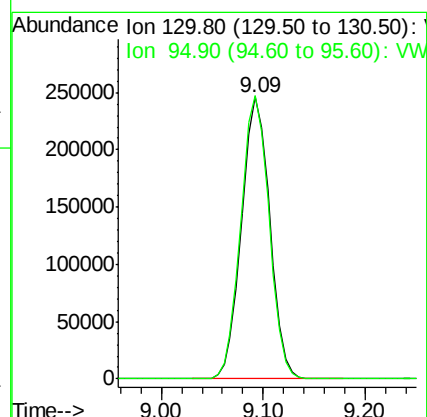
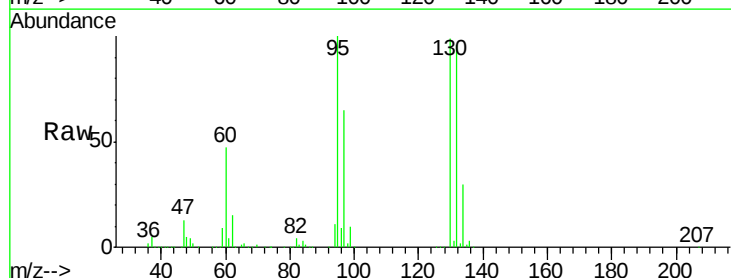
Tot Ion	43	Resp	666164
Ion Ratio	100		
Lower	23.0		
Upper	34.6		
61	28.2		
87	12.1		
9.9			
14.9			

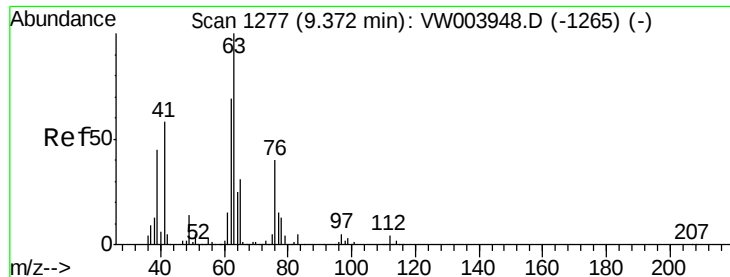


#44

Trichloroethene
 Concen: 150.10 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Tgt Ion	130	Resp	471917
Ion Ratio	100		
Lower	0.0		
Upper	206.8		
95	100.5		

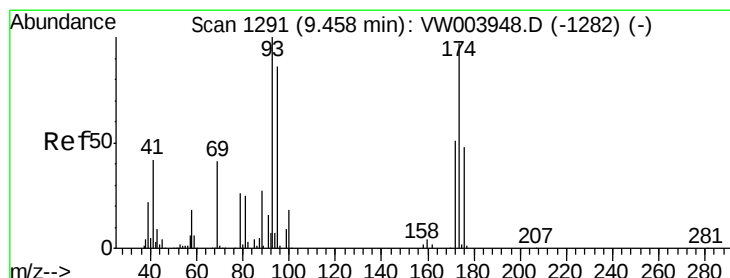
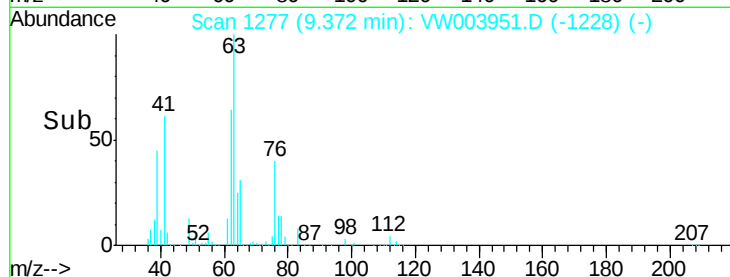
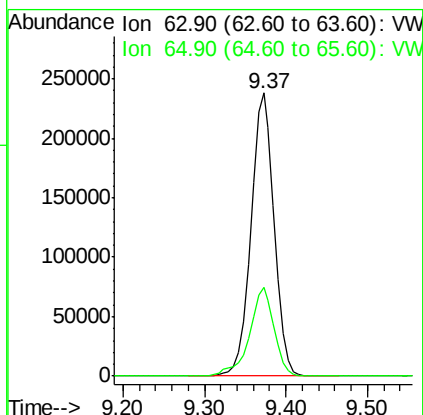
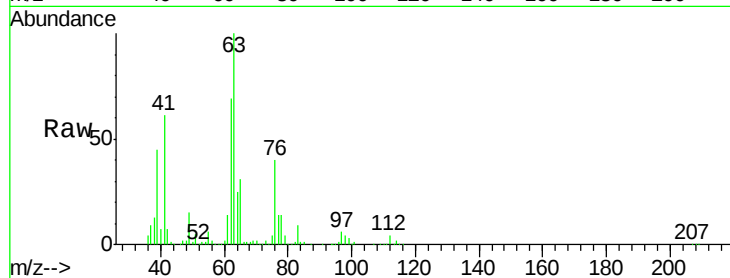




#45
 1,2-Dichloropropane
 Concen: 152.94 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

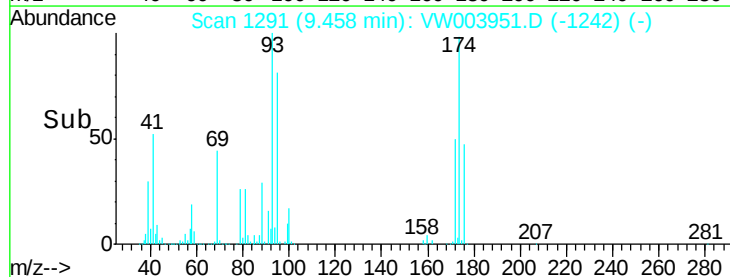
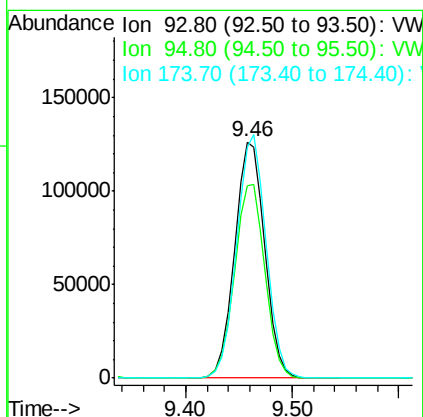
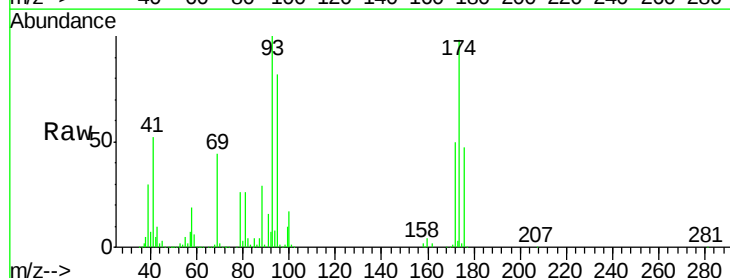
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

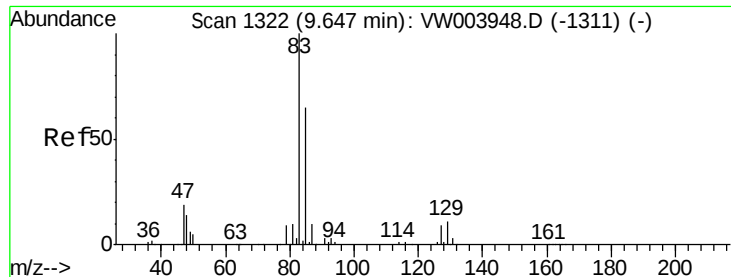
Tot Ion: 63 Resp: 471744
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 155.74 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Tgt Ion: 93 Resp: 249764
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.9 100.3
 174 101.1 80.2 120.2





#47

Bromodichloromethane

Concen: 158.17 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

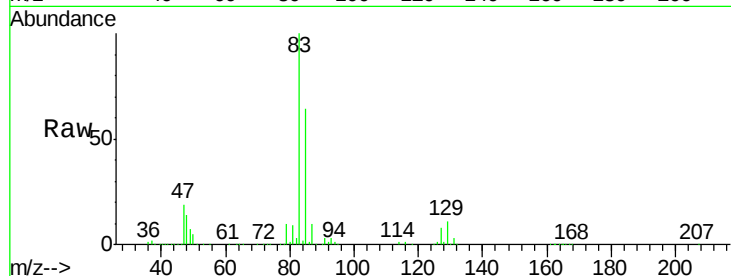
Tot Ion: 83 Resp: 621945

Ion Ratio Lower Upper

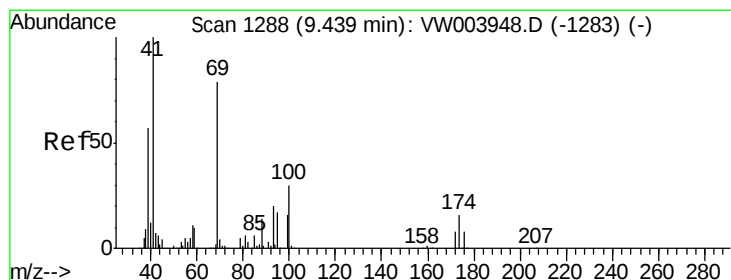
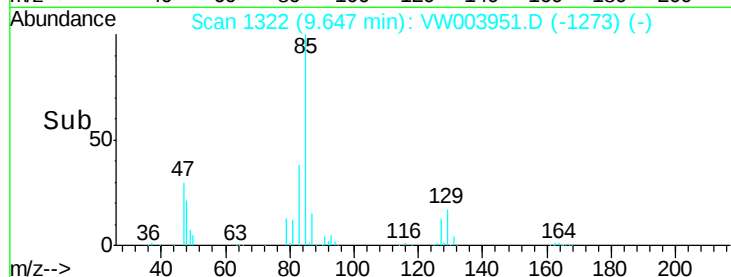
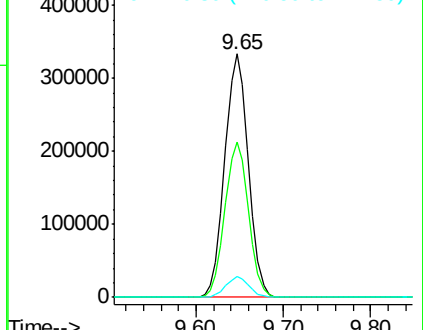
83 100

85 63.7 52.2 78.2

127 8.3 7.0 10.4



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):



#48

Methyl methacrylate

Concen: 176.13 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

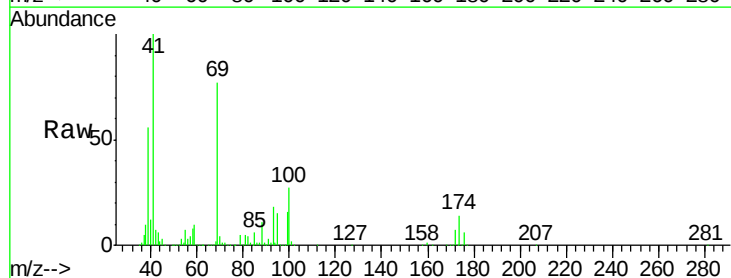
Tgt Ion: 41 Resp: 333066

Ion Ratio Lower Upper

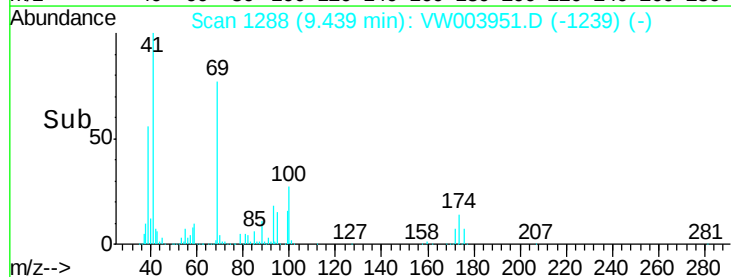
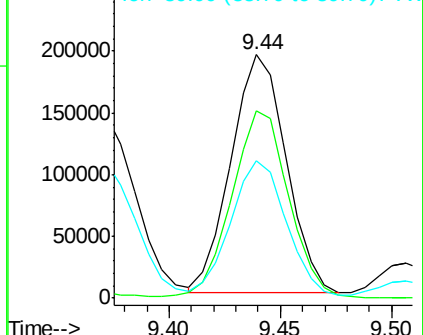
41 100

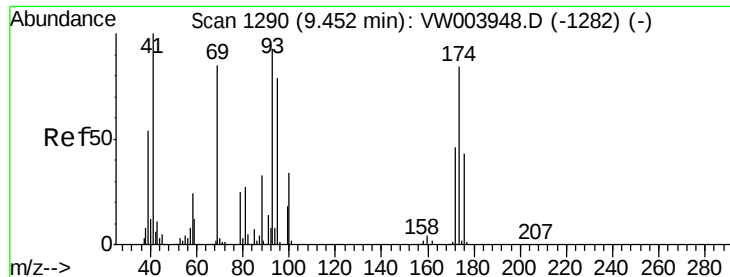
69 81.5 67.0 100.6

39 58.9 48.8 73.2



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

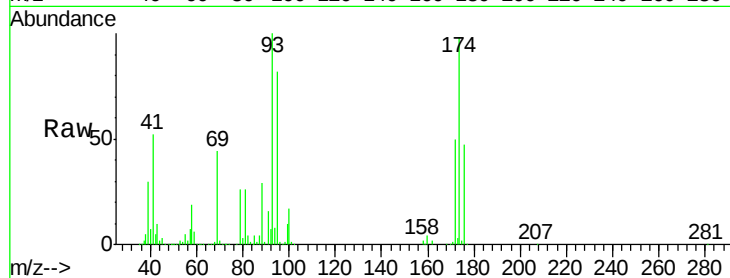




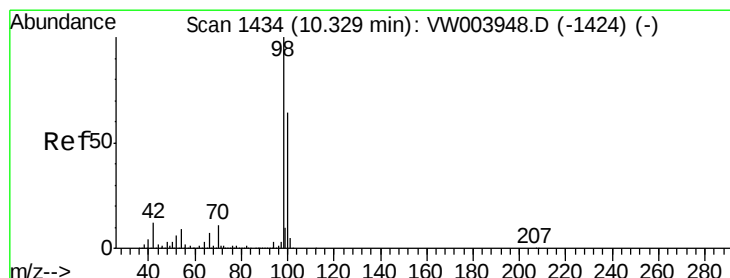
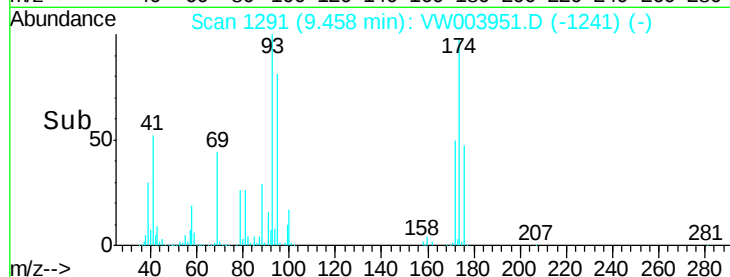
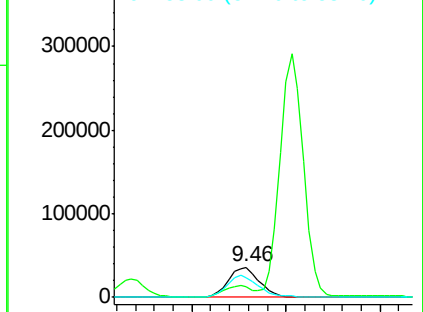
#49
1,4-Dioxane
Concen: 3323.01 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. 0.01 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 82082
Ion Ratio Lower Upper
88 100
43 34.2 27.3 40.9
58 74.9 61.1 91.7

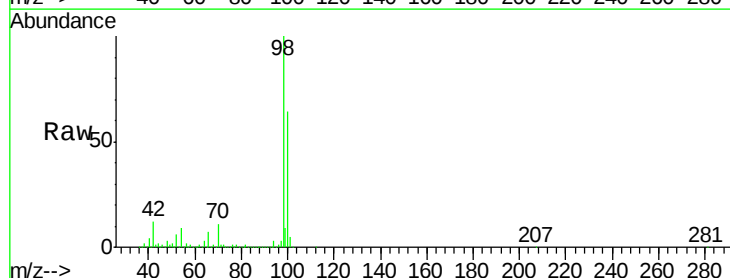


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

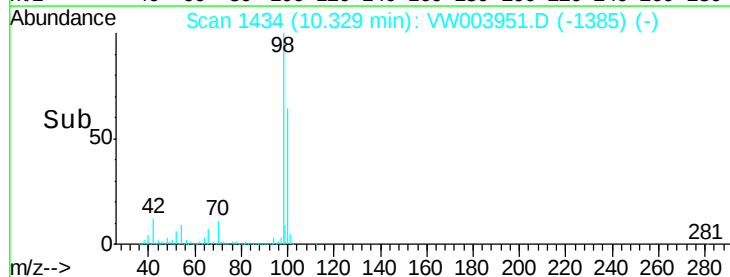
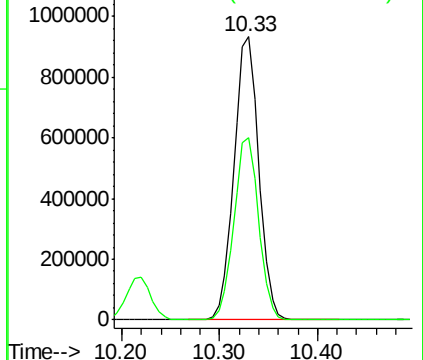


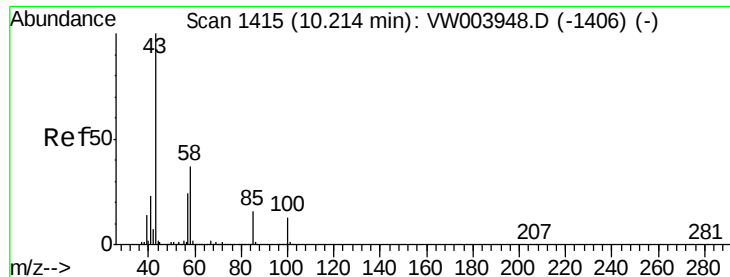
#50
Toluene-d8
Concen: 155.25 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 98 Resp: 1638546
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 837.80 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

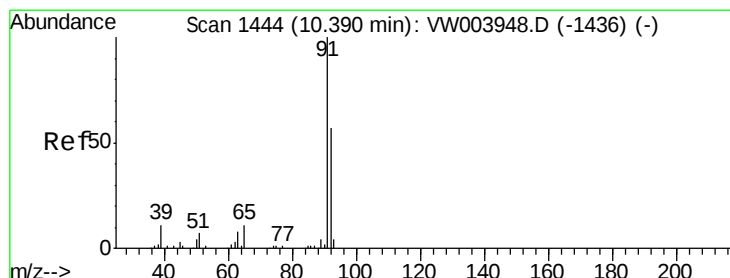
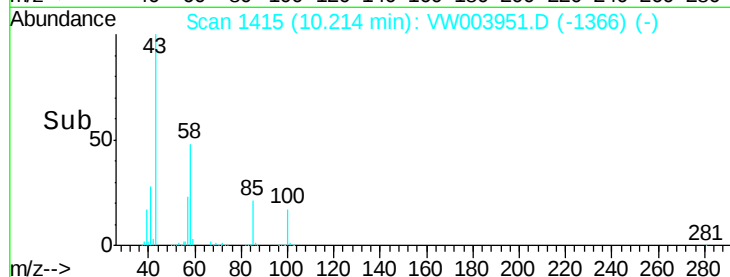
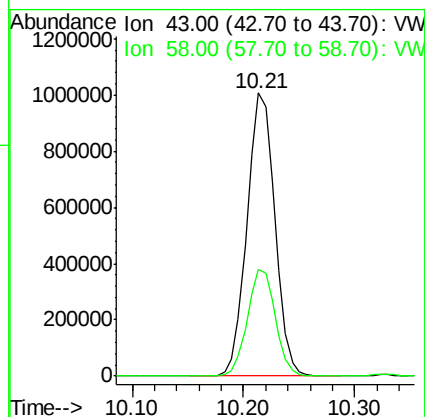
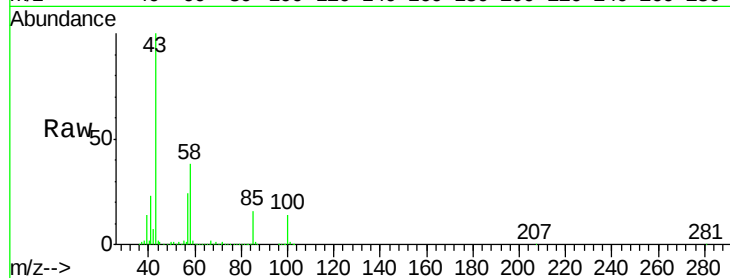
VSTDIC150

Tot Ion: 43 Resp: 1755801

Ion Ratio Lower Upper

43 100

58 37.7 29.9 44.9



#52

Toluene

Concen: 151.40 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003951.D

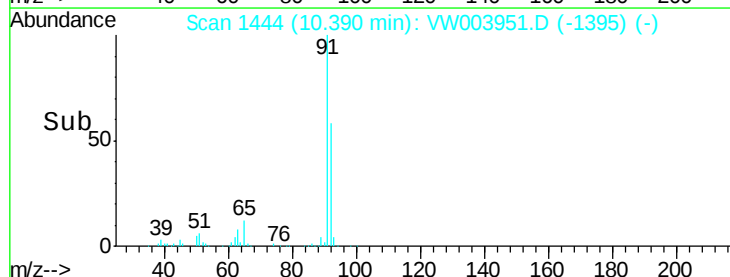
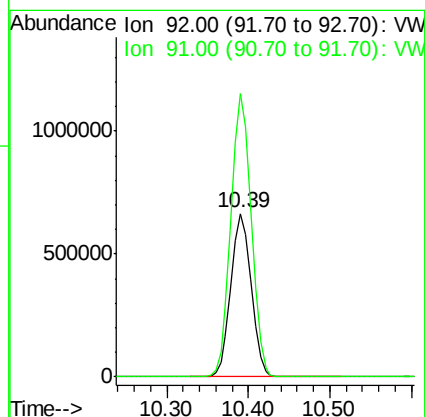
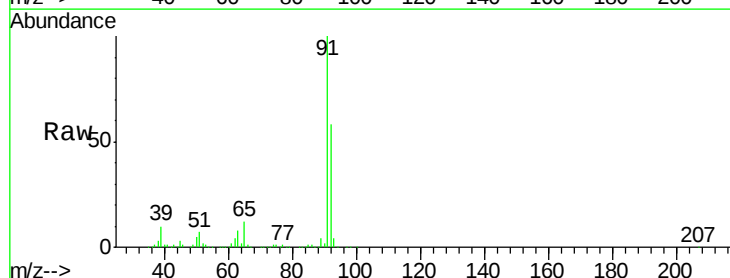
Acq: 16 Jul 2018 14:33

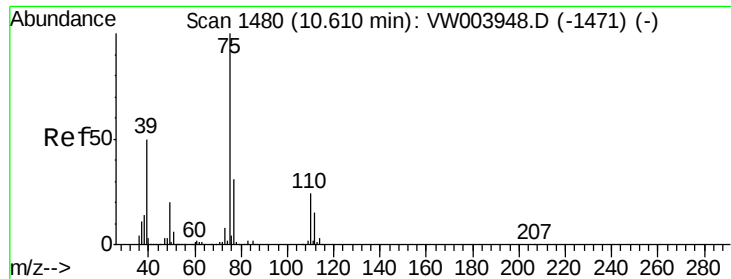
Tgt Ion: 92 Resp: 1134804

Ion Ratio Lower Upper

92 100

91 173.4 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 162.42 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

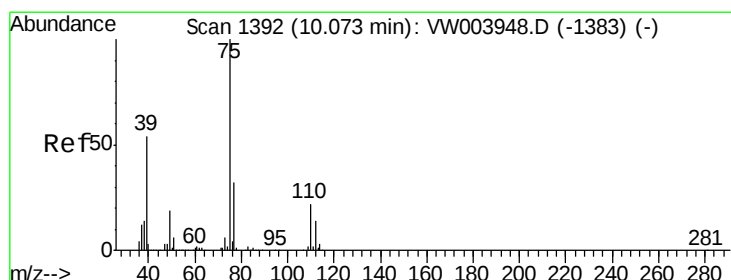
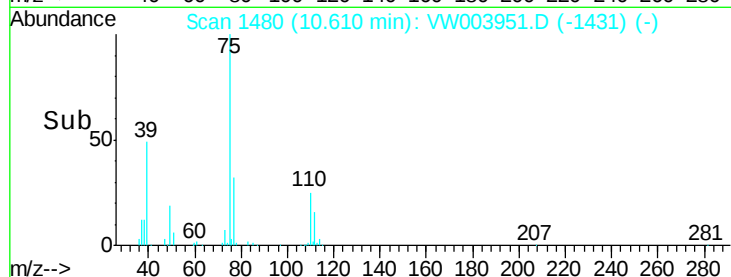
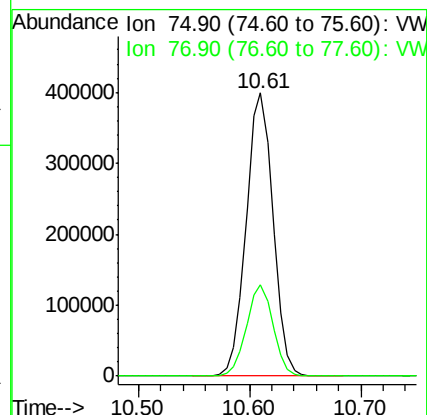
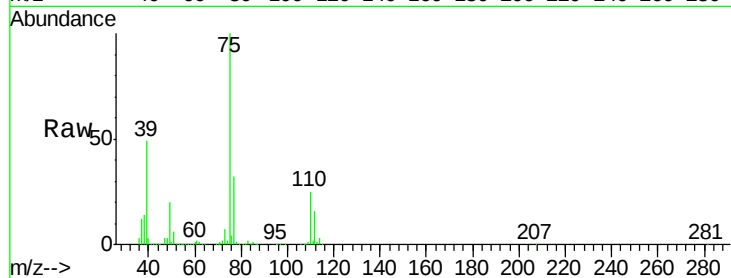
VSTDIC150

Tot Ion: 75 Resp: 668209

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 160.15 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

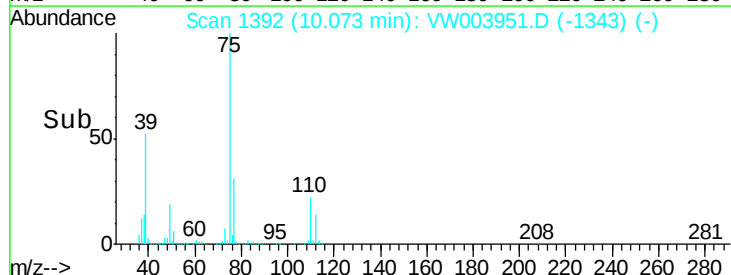
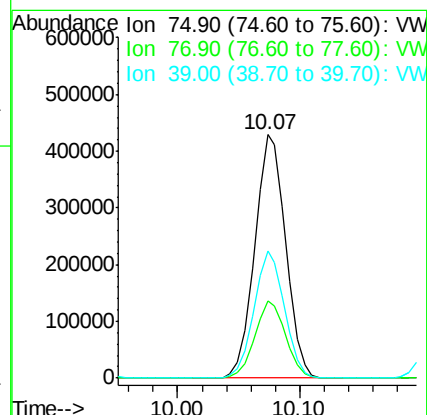
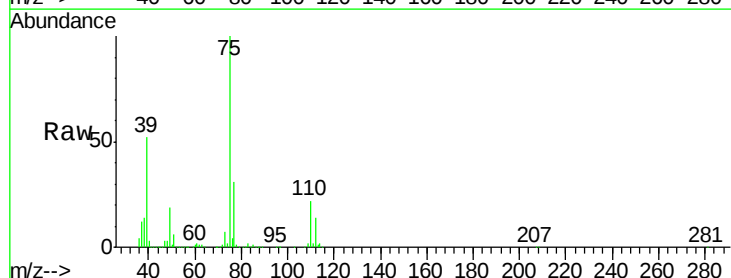
Tgt Ion: 75 Resp: 753612

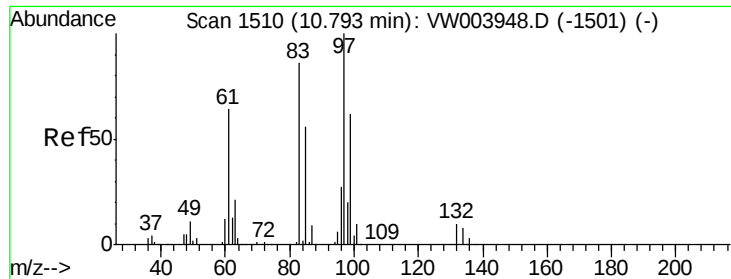
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 52.4 43.0 64.6



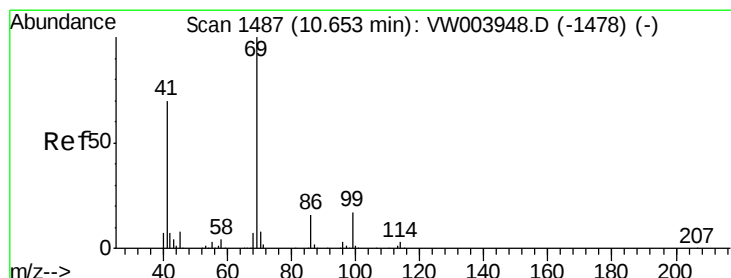
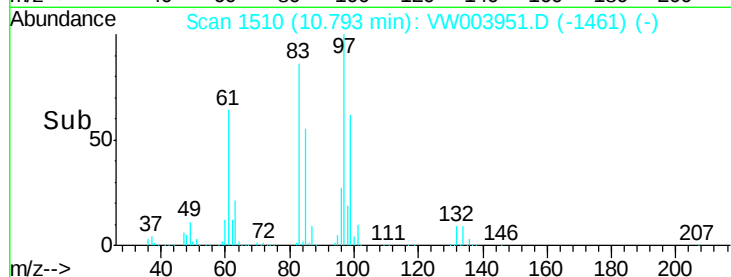
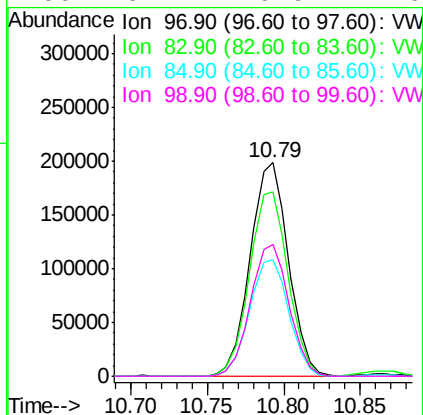
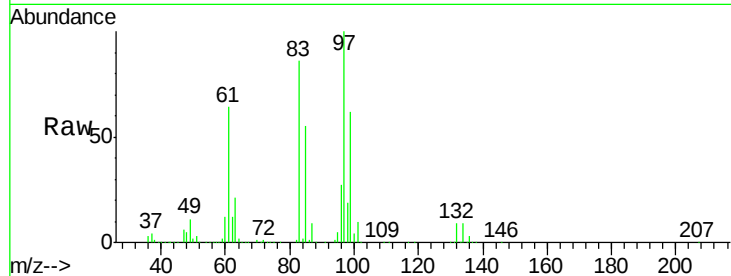


#55
 1,1,2-Trichloroethane
 Concen: 153.46 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 346666

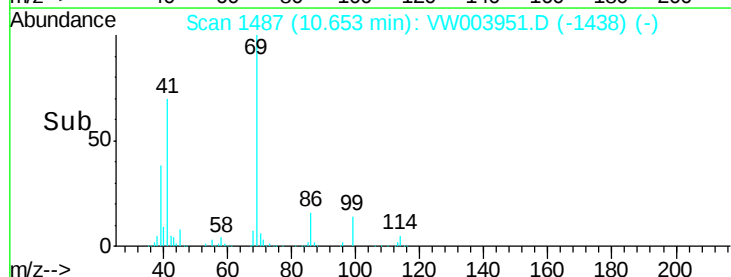
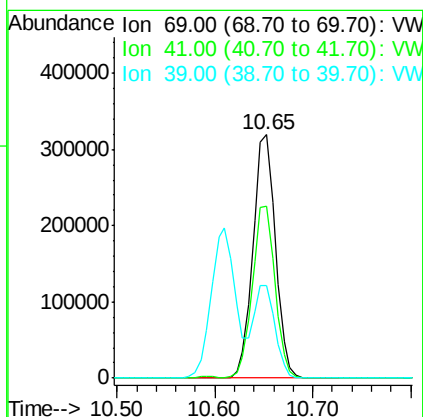
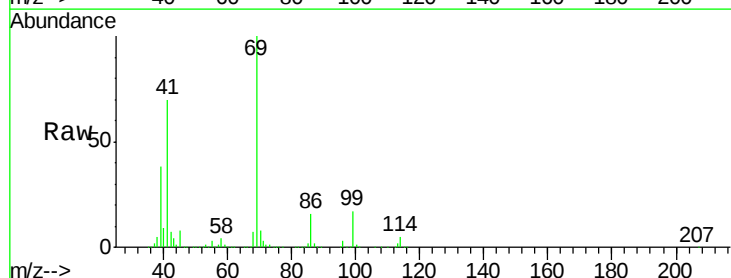
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	54.7	45.0	67.6
99	61.7	49.9	74.9

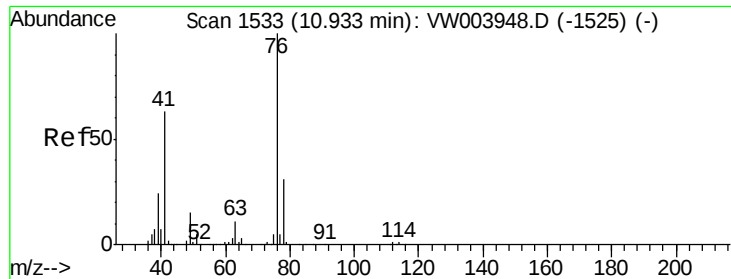


#56
 Ethyl methacrylate
 Concen: 176.52 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Tgt Ion: 69 Resp: 511336

Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.5	84.7
39	34.4	30.2	45.4

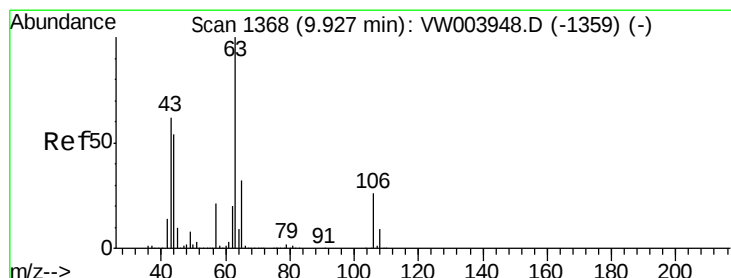
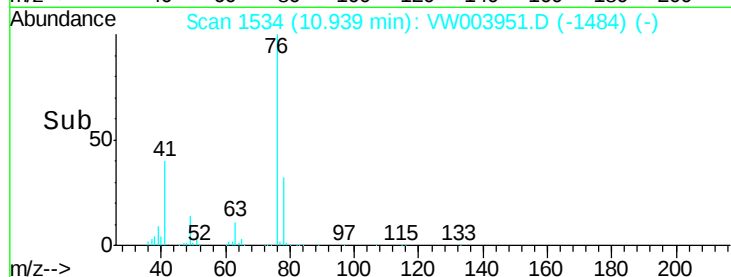
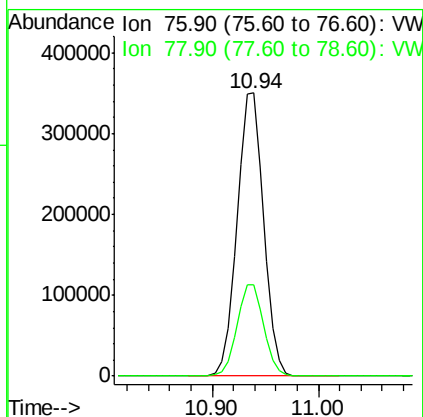
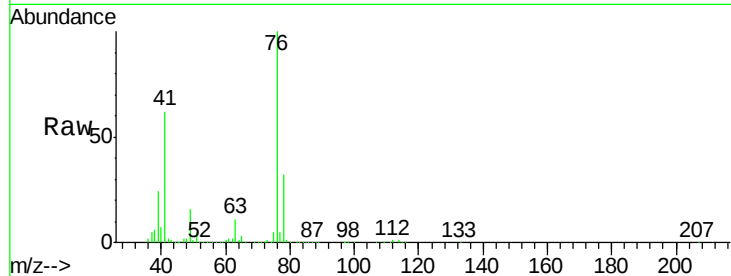




#57
 1,3-Dichloropropane
 Concen: 156.23 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

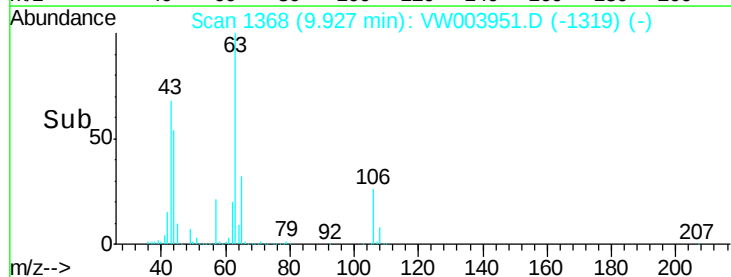
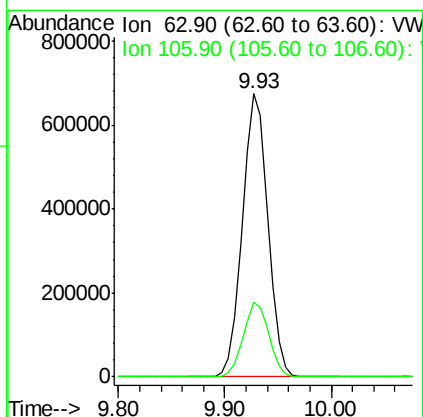
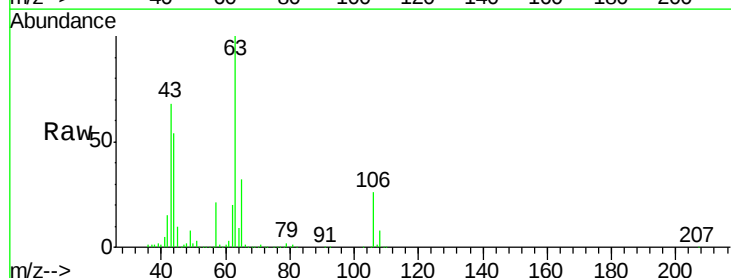
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

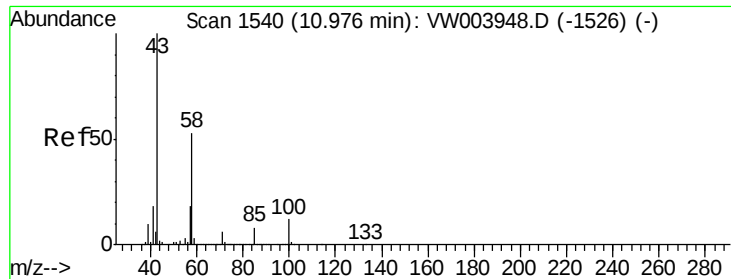
Tot Ion: 76 Resp: 612504
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 853.95 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Tgt Ion: 63 Resp: 1133964
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8

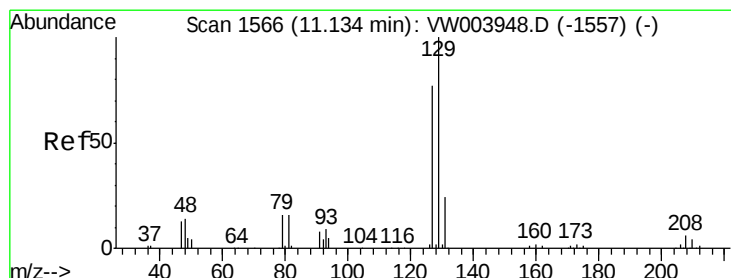
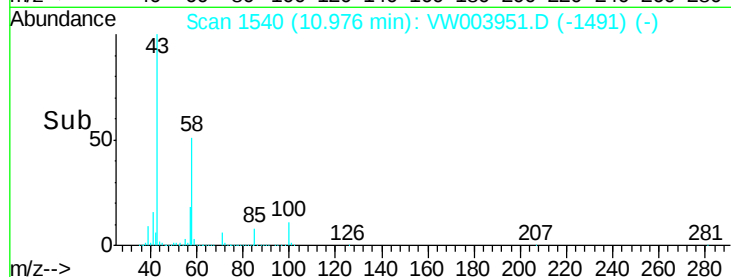
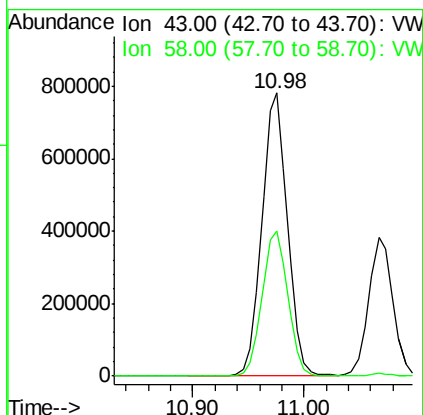
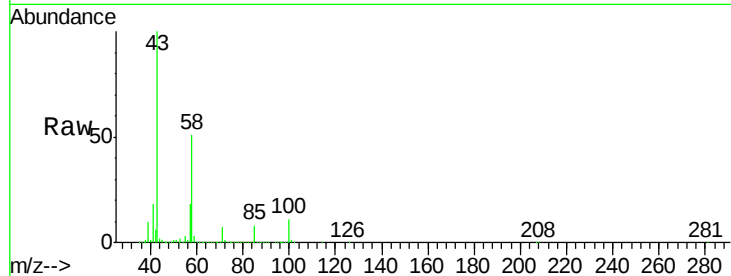




#59
2-Hexanone
Concen: 843.96 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

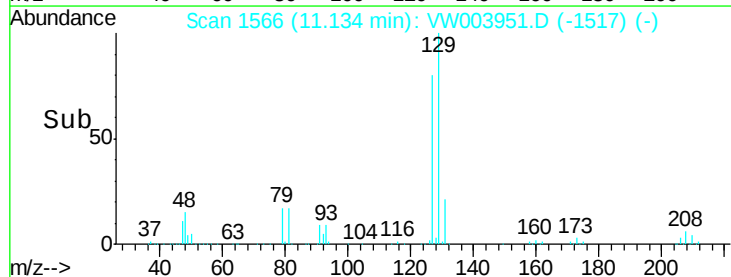
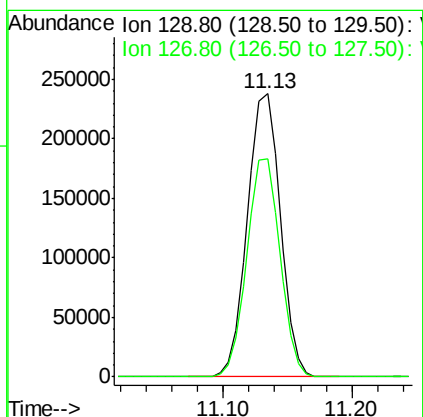
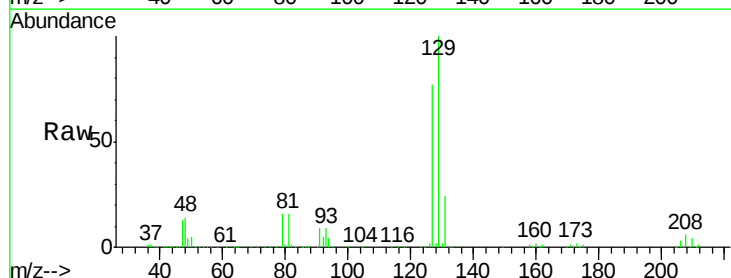
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

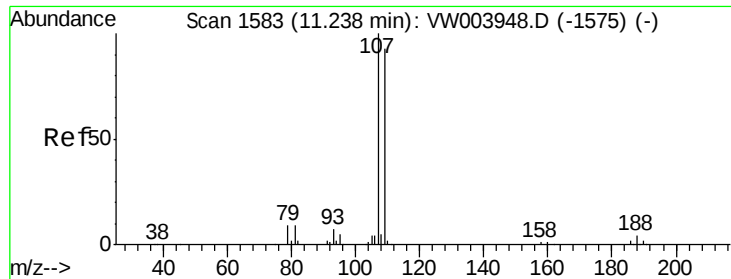
Tot Ion: 43 Resp: 1247402
Ion Ratio Lower Upper
43 100
58 51.9 26.0 78.0



#60
Dibromochloromethane
Concen: 161.37 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 129 Resp: 422550
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 162.52 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

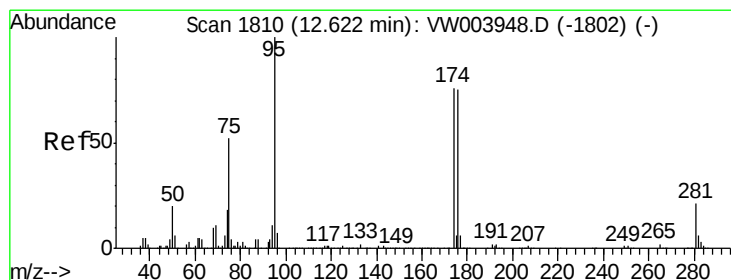
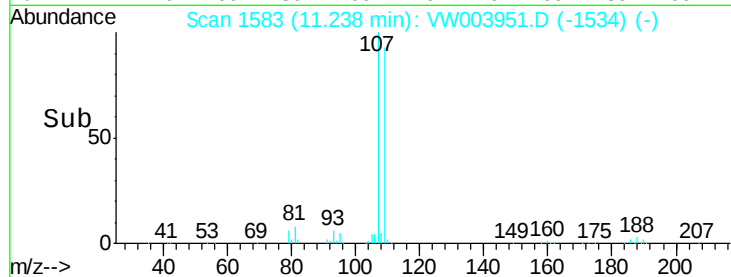
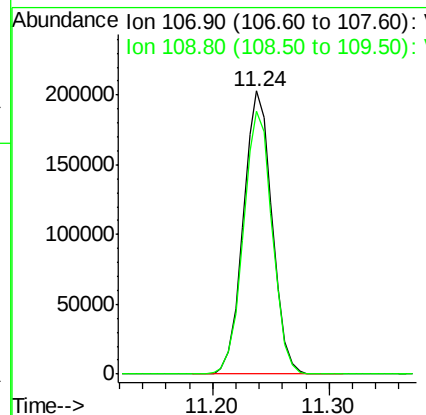
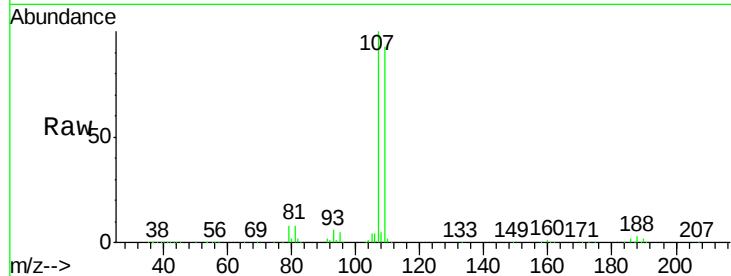
VSTDIC150

Tot Ion:107 Resp: 346980

Ion Ratio Lower Upper

107 100

109 93.7 74.3 111.5



#62

4-Bromofluorobenzene

Concen: 158.10 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

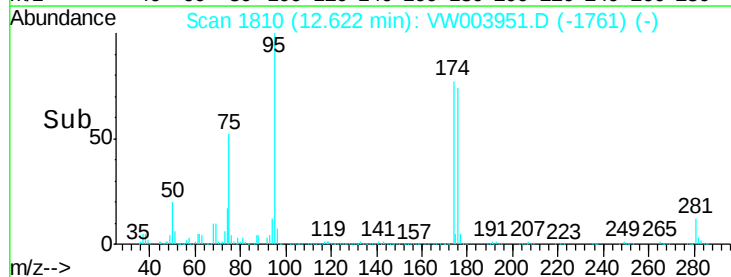
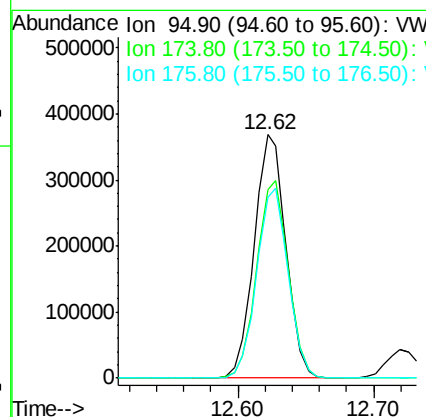
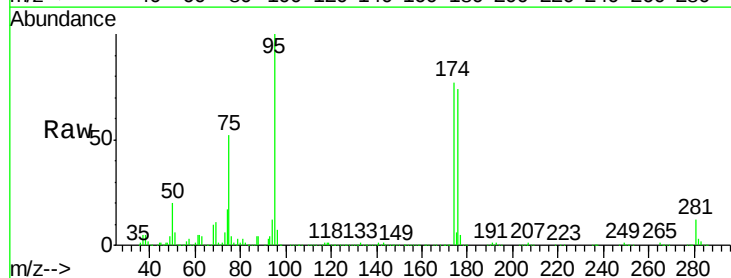
Tgt Ion: 95 Resp: 599563

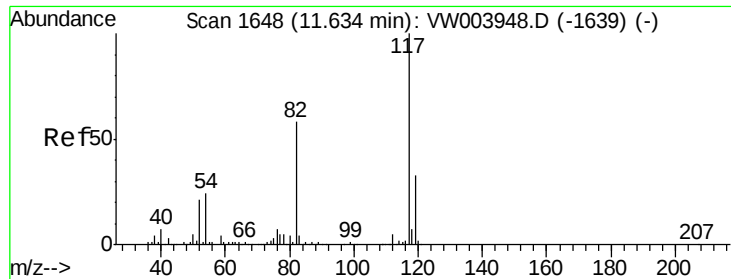
Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.2

176 77.8 0.0 155.8

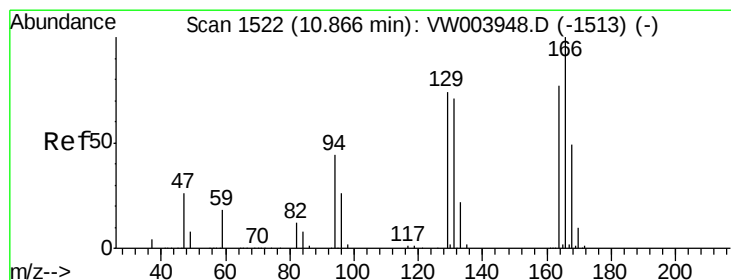
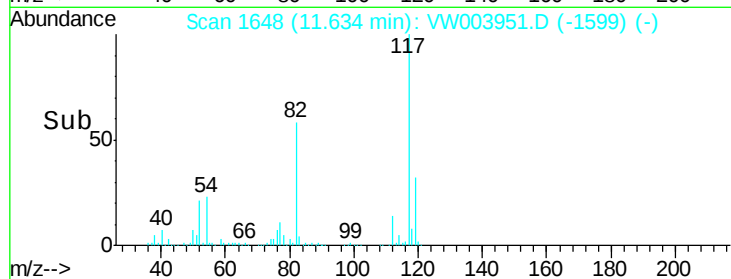
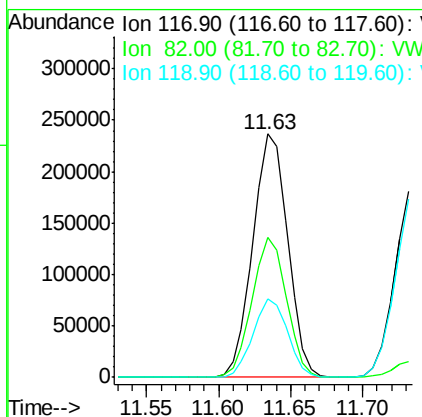
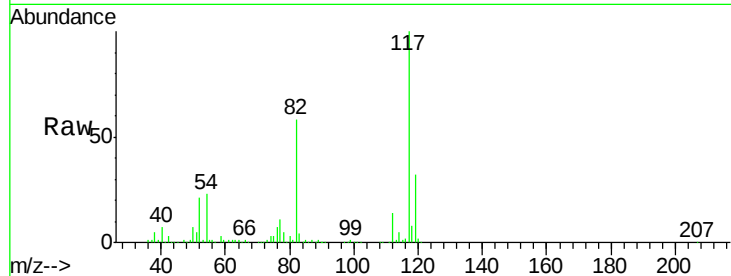




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

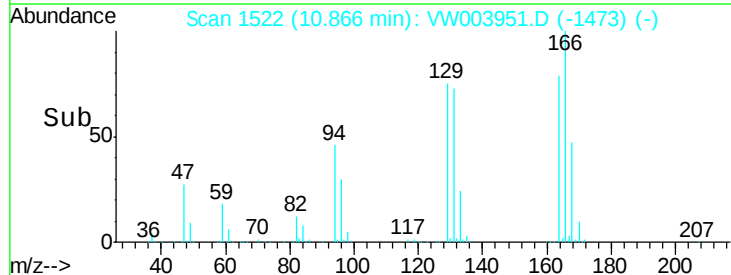
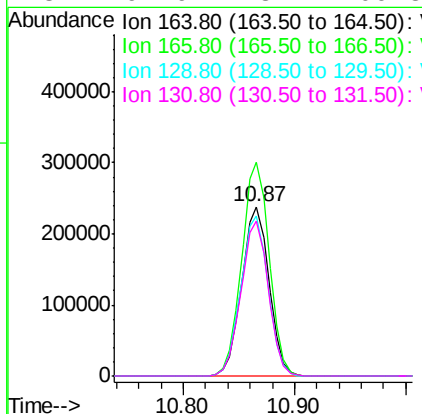
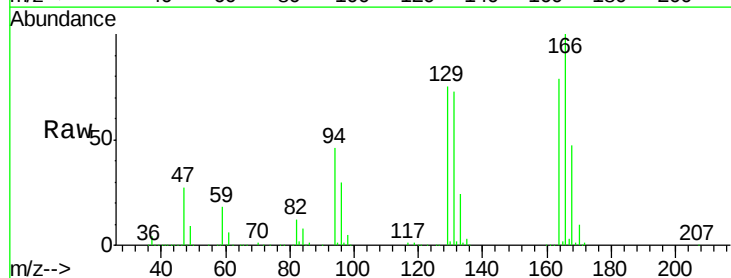
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

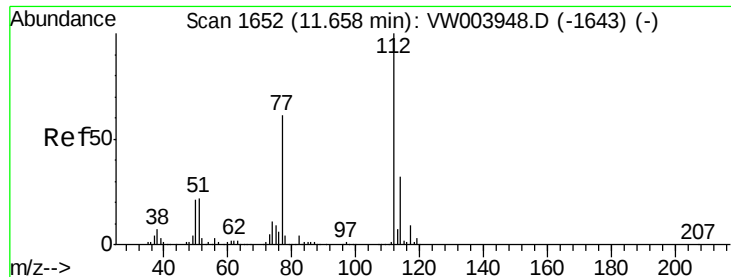
Tot Ion:117 Resp: 397074
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 148.76 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion:164 Resp: 404986
Ion Ratio Lower Upper
164 100
166 126.4 103.5 155.3
129 95.0 76.8 115.2
131 91.9 73.2 109.8





#65

Chlorobenzene

Concen: 147.23 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

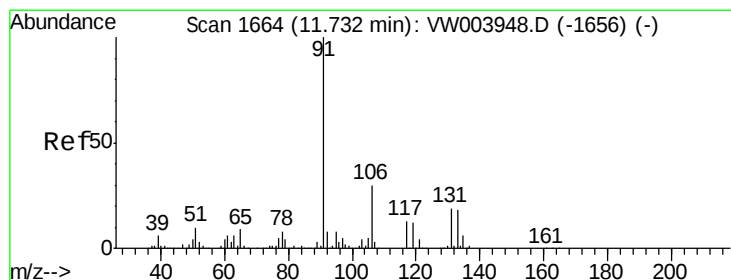
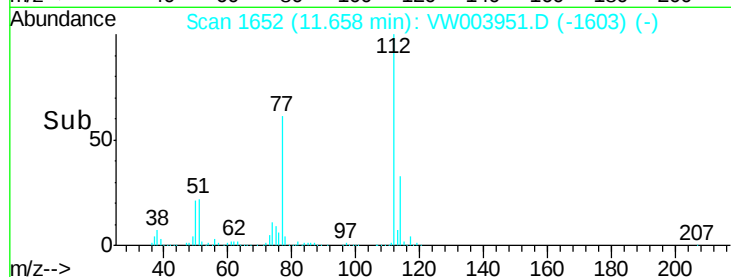
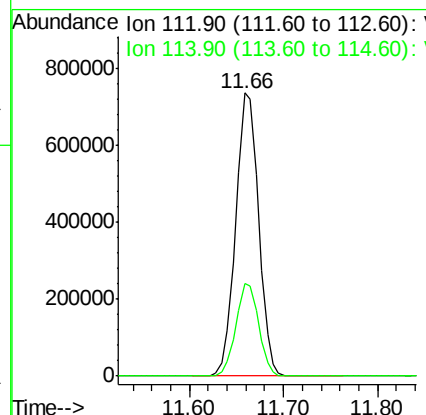
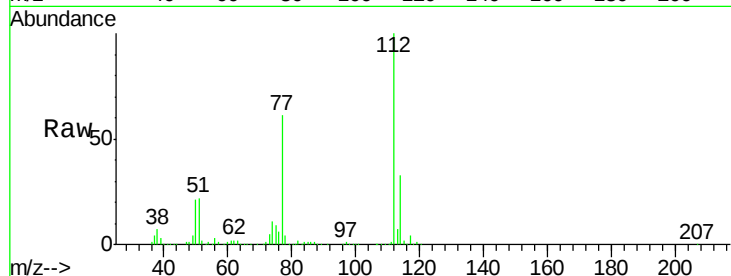
VSTDIC150

Tot Ion:112 Resp: 1240234

Ion Ratio Lower Upper

112 100

114 32.6 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 154.33 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

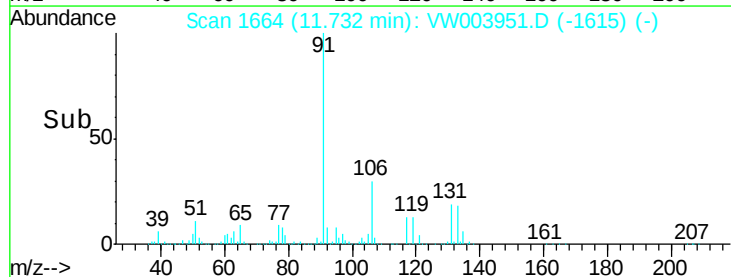
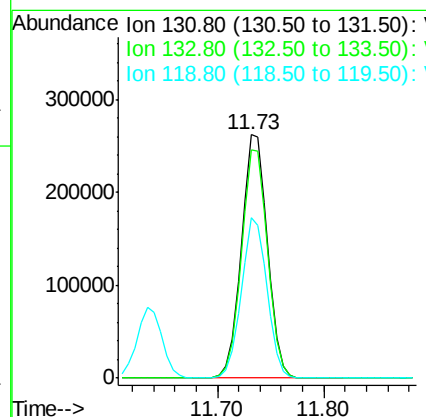
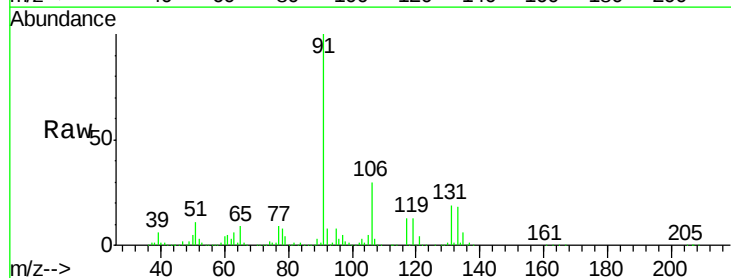
Tgt Ion:131 Resp: 449317

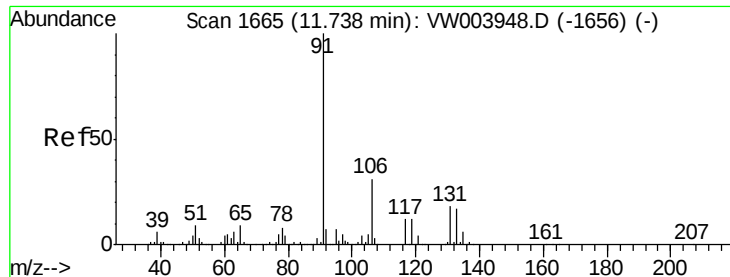
Ion Ratio Lower Upper

131 100

133 94.3 47.9 143.8

119 65.0 32.5 97.5

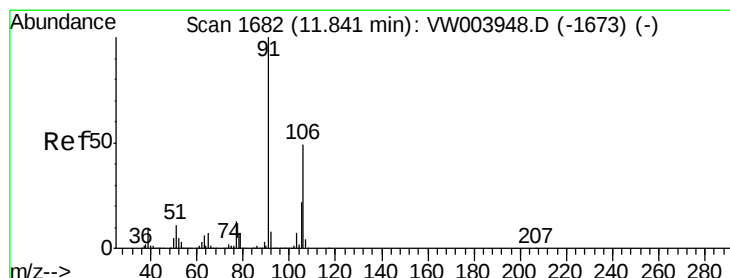
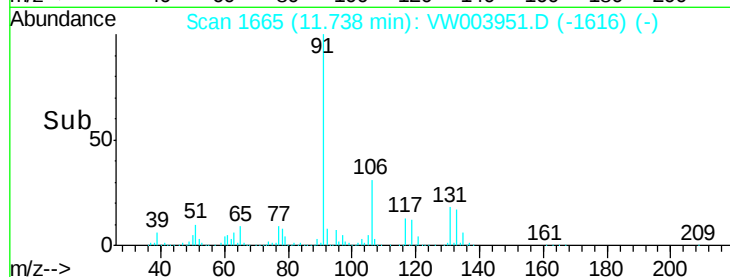
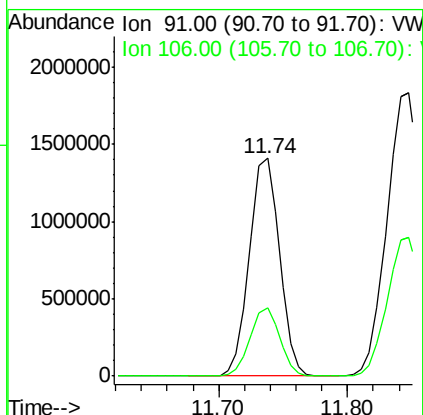
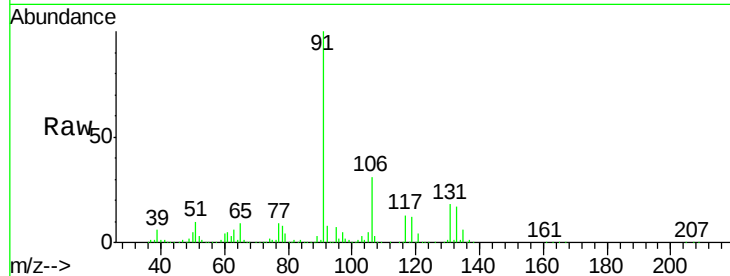




#67
Ethyl Benzene
Concen: 154.08 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

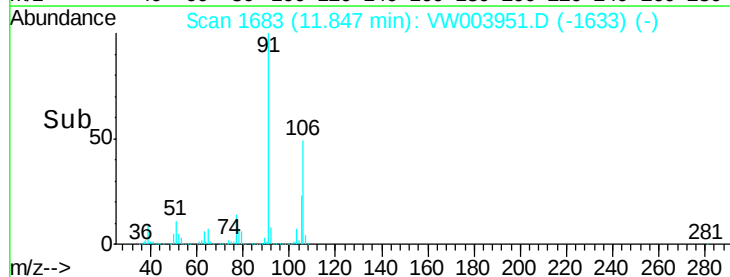
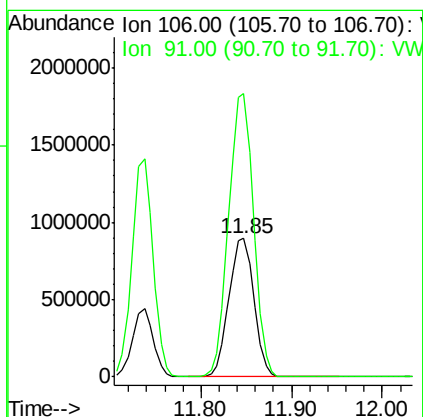
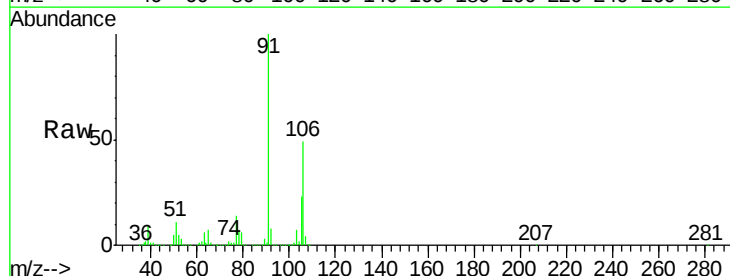
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

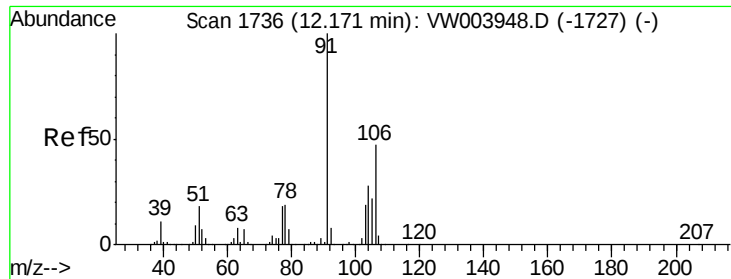
Tot Ion: 91 Resp: 2278147
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 303.00 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion: 106 Resp: 1712793
Ion Ratio Lower Upper
106 100
91 204.3 164.2 246.2

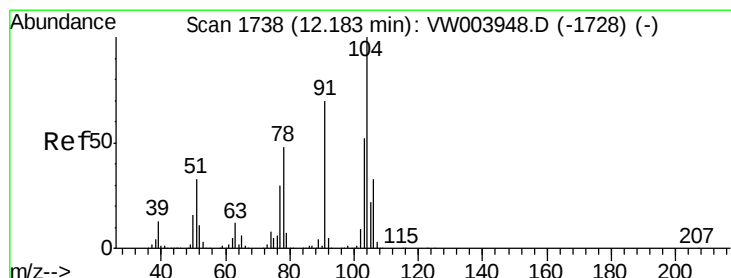
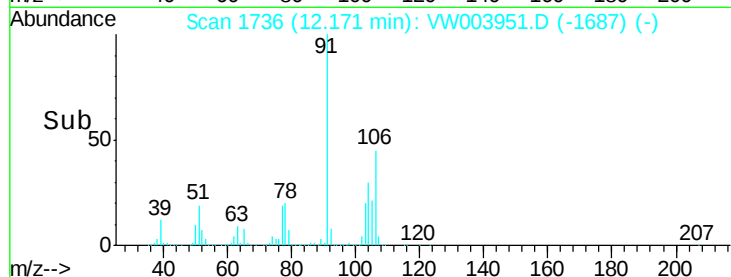
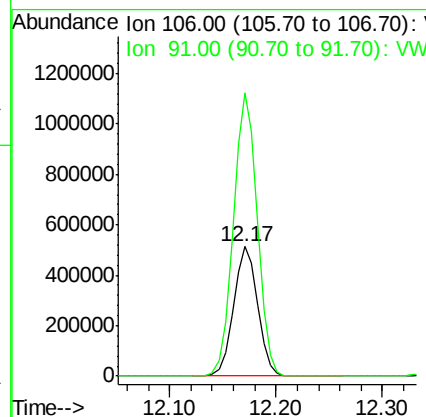
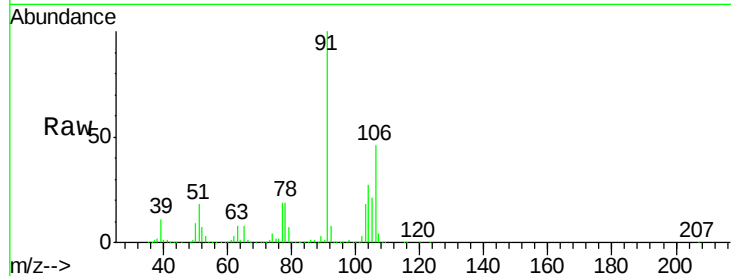




#69
o-Xylene
Concen: 154.53 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

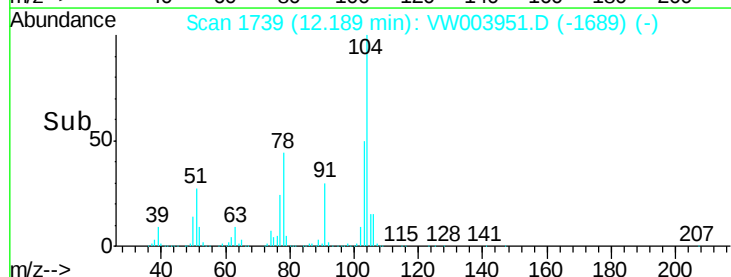
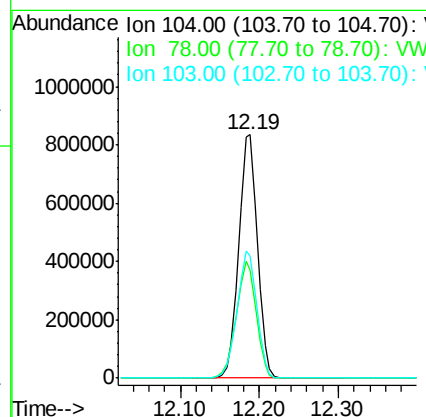
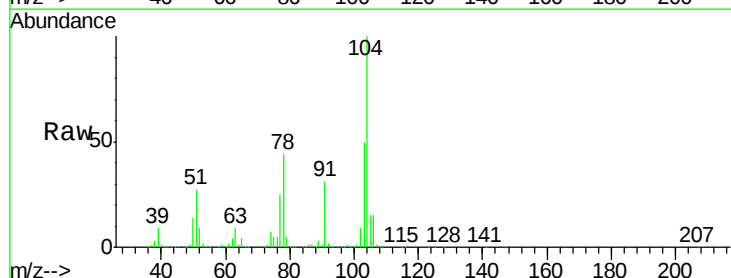
Instrument :
MSVOA_W
ClientSampleID :
VSTDIC150

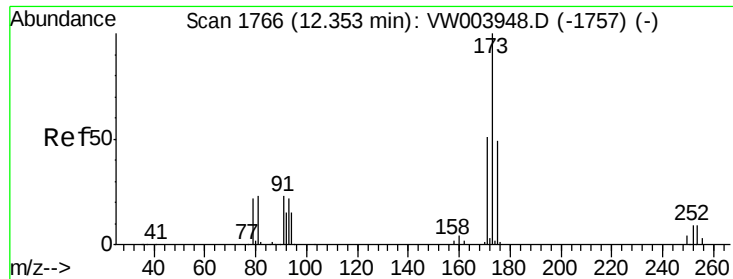
Tot Ion:106 Resp: 810083
Ion Ratio Lower Upper
106 100
91 217.3 107.5 322.6



#70
Styrene
Concen: 157.69 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion:104 Resp: 1377532
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 55.4 44.6 67.0





#71

Bromoform

Concen: 162.28 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

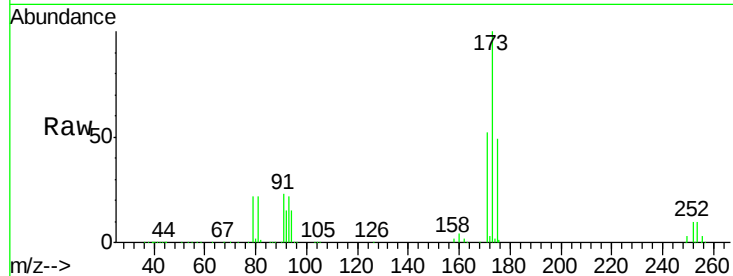
Tot Ion:173 Resp: 266635

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.2

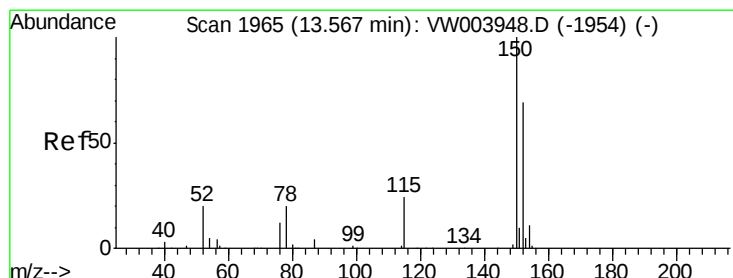
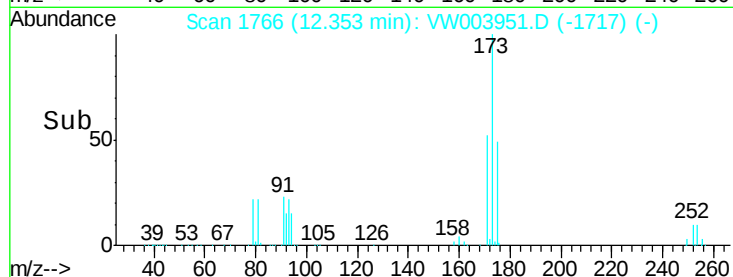
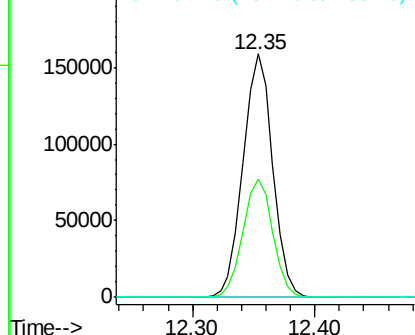
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40):

Ion 174.70 (174.40 to 175.40):

Ion 254.40 (254.10 to 255.10):



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

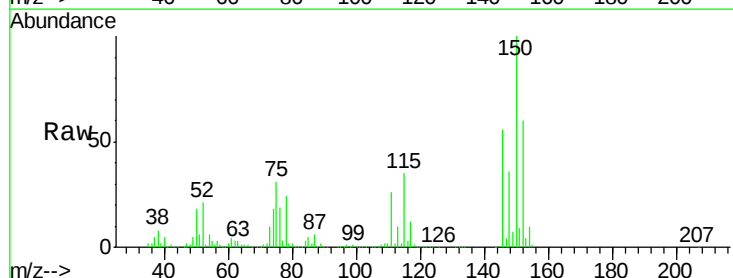
Tgt Ion:152 Resp: 197107

Ion Ratio Lower Upper

152 100

115 58.6 29.2 87.6

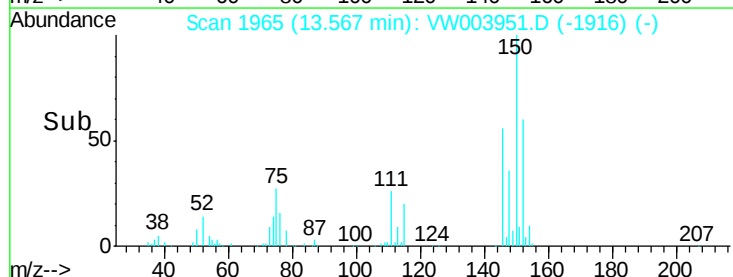
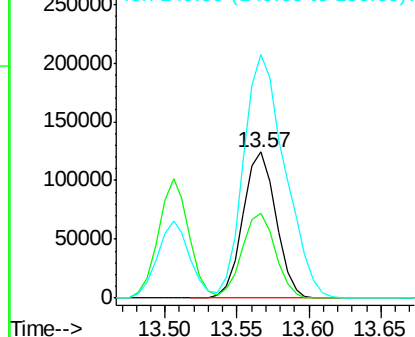
150 208.5 0.0 345.2

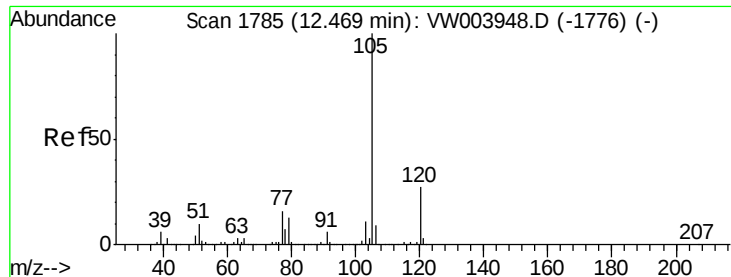


Abundance Ion 151.90 (151.60 to 152.60):

Ion 114.90 (114.60 to 115.60):

Ion 149.90 (149.60 to 150.60):





#73

Isopropylbenzene

Concen: 160.27 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

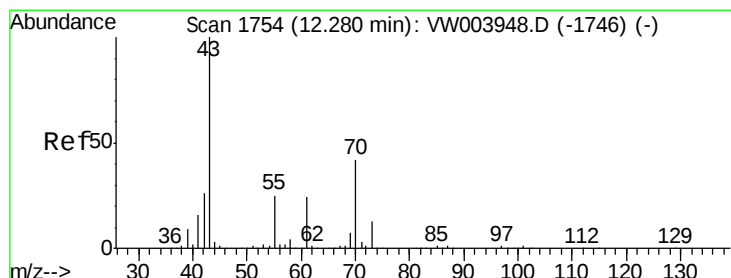
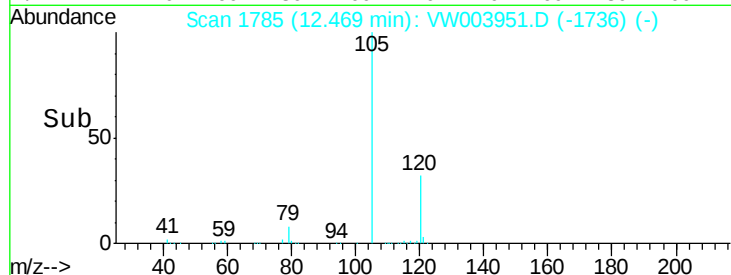
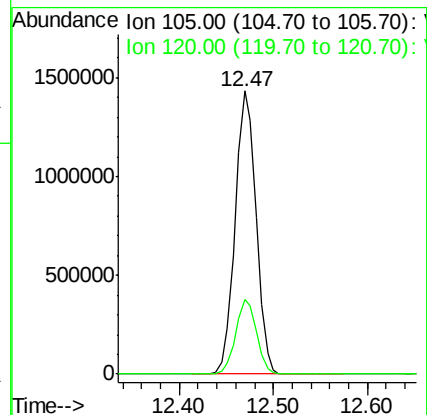
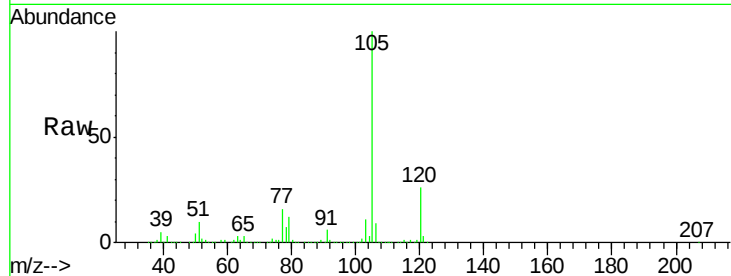
VSTDIC150

Tot Ion:105 Resp: 2205077

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 176.52 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Tgt Ion: 43 Resp: 630348

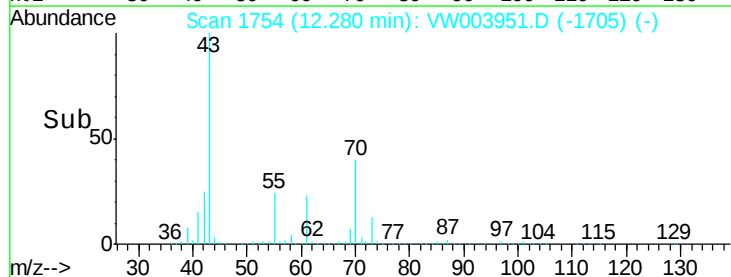
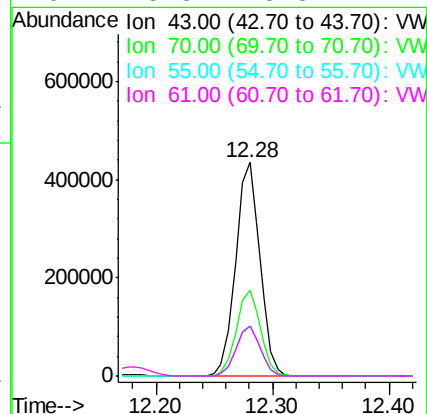
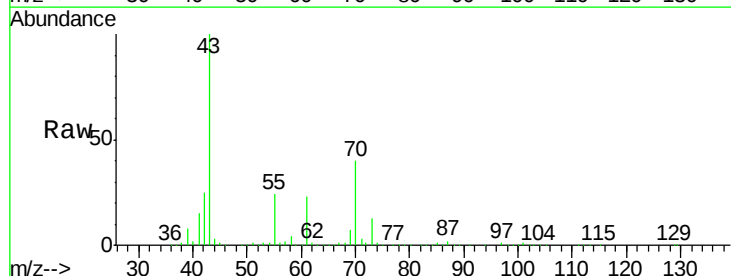
Ion Ratio Lower Upper

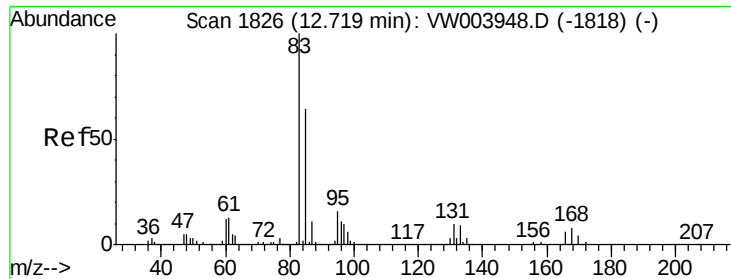
43 100

70 40.3 31.6 47.4

55 23.8 20.0 30.0

61 23.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 160.63 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

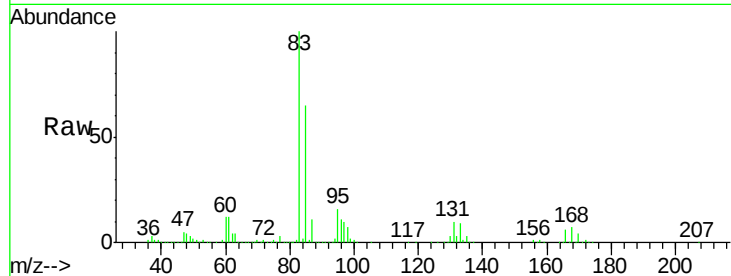
Tot Ion: 83 Resp: 428186

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

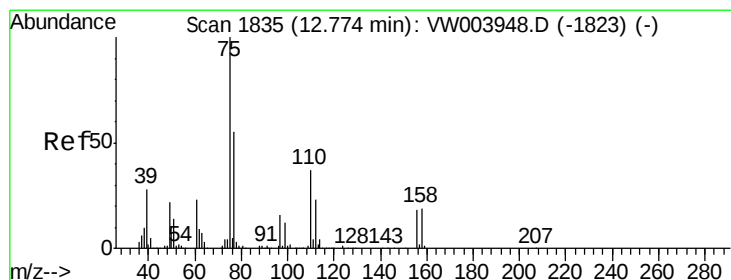
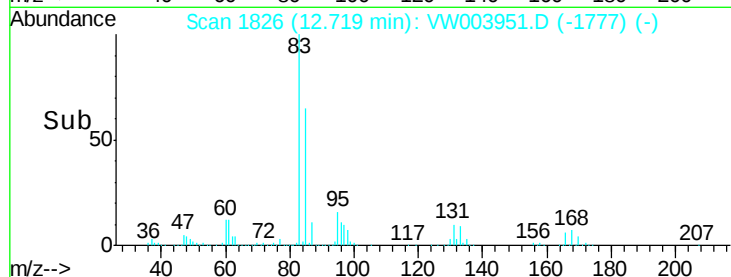
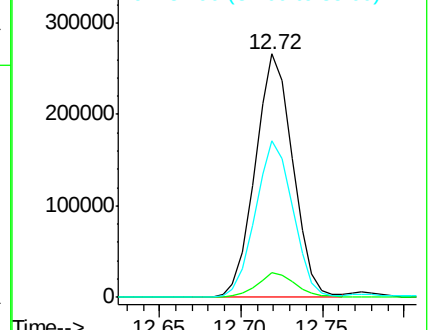
85 64.4 32.2 96.6



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: 302.92 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003951.D

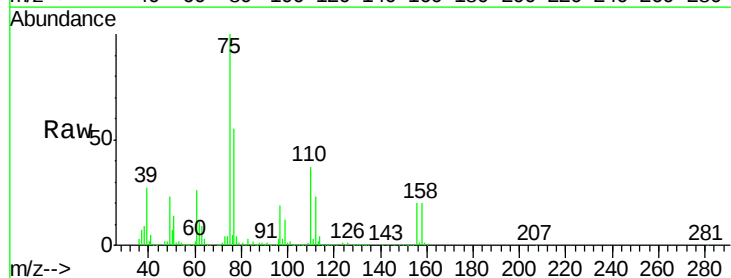
Acq: 16 Jul 2018 14:33

Tgt Ion: 75 Resp: 586846

Ion Ratio Lower Upper

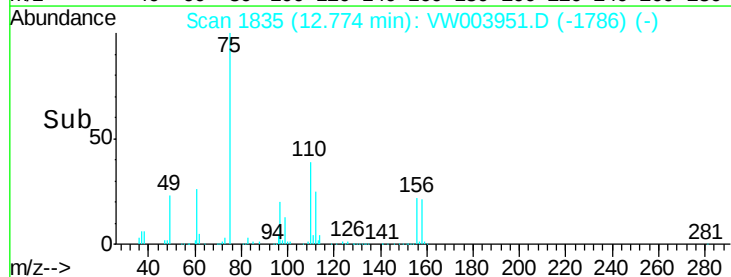
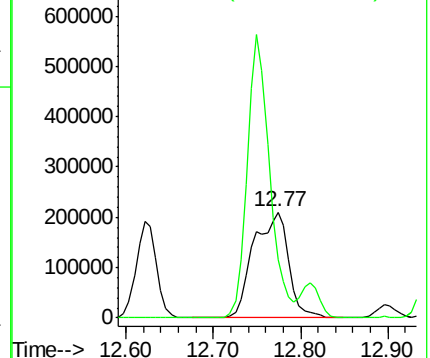
75 100

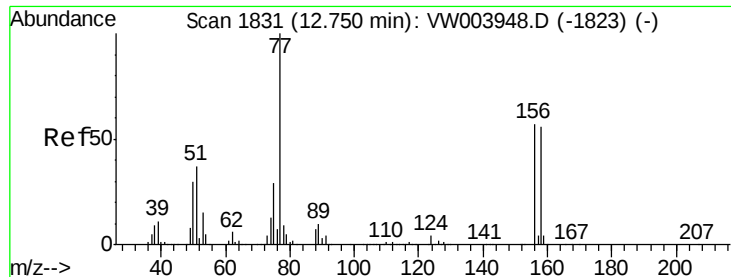
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 157.91 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

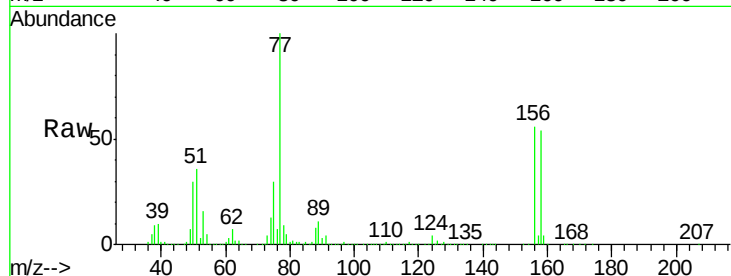
Tot Ion:156 Resp: 519106

Ion Ratio Lower Upper

156 100

77 193.3 96.2 288.6

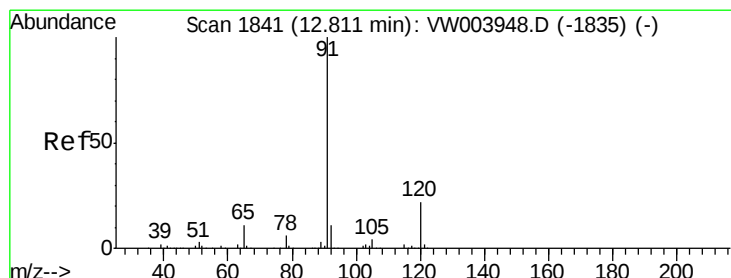
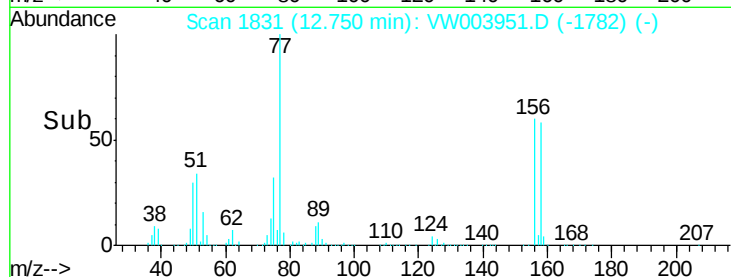
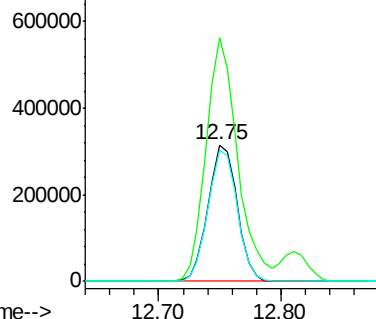
158 96.5 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50):

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50):



#78

n-propylbenzene

Concen: 157.06 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003951.D

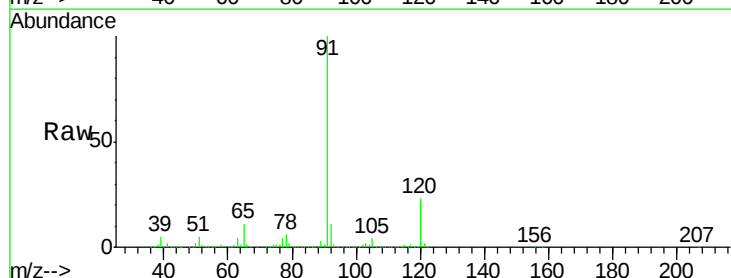
Acq: 16 Jul 2018 14:33

Tgt Ion: 91 Resp: 2658653

Ion Ratio Lower Upper

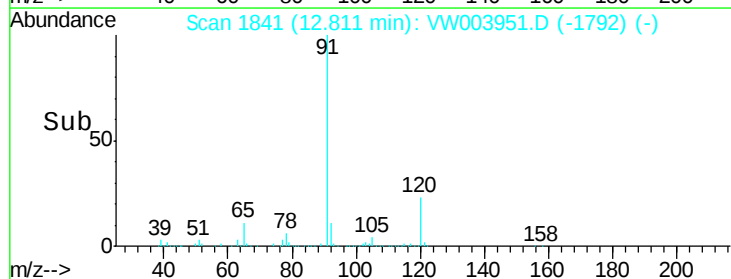
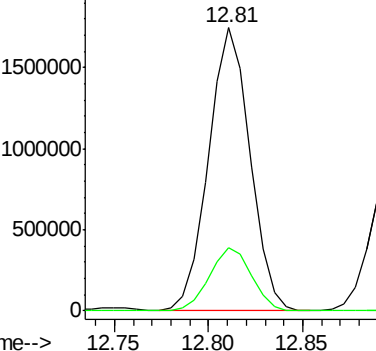
91 100

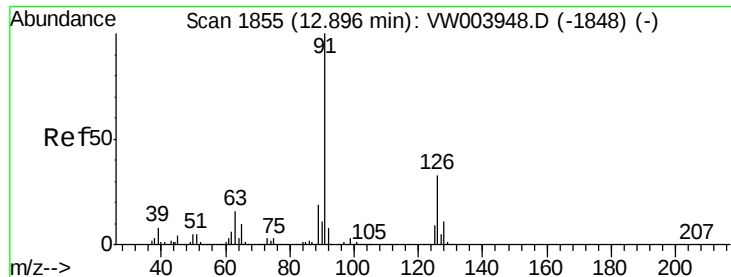
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70):





#79

2-Chlorotoluene

Concen: 156.47 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

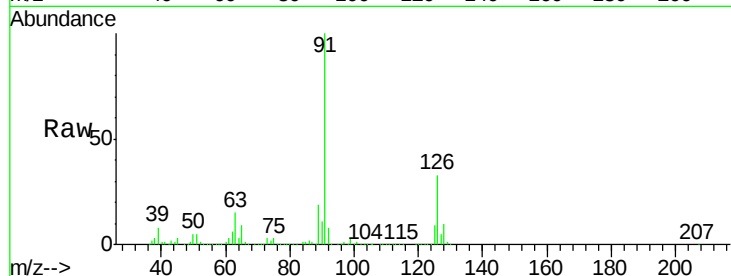
VSTDIC150

Tot Ion: 91 Resp: 1492064

Ion Ratio Lower Upper

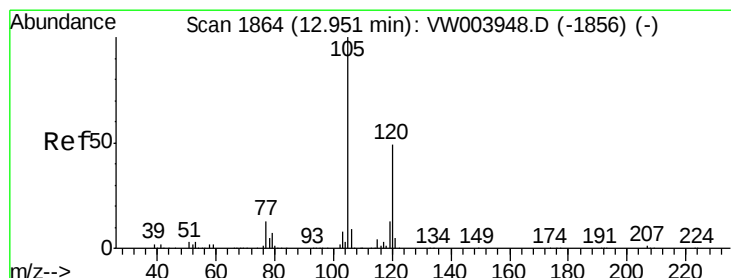
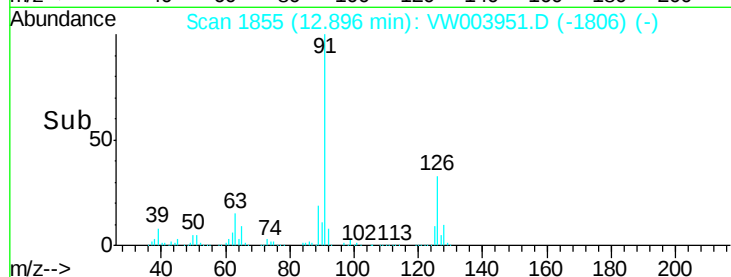
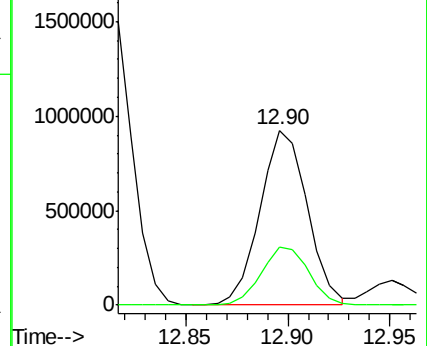
91 100

126 33.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60):



#80

1,3,5-Trimethylbenzene

Concen: 156.65 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003951.D

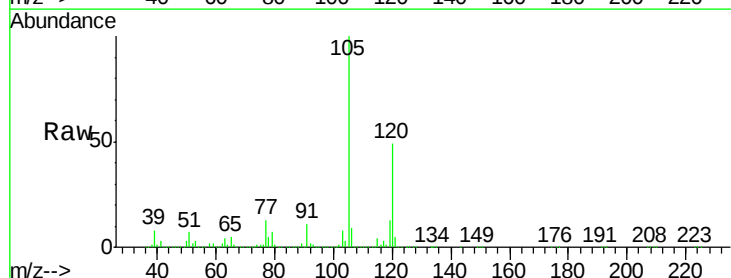
Acq: 16 Jul 2018 14:33

Tgt Ion:105 Resp: 1819904

Ion Ratio Lower Upper

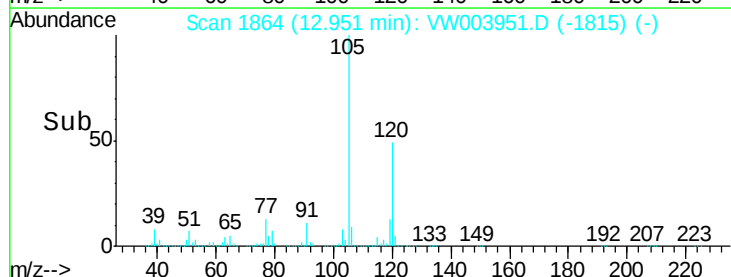
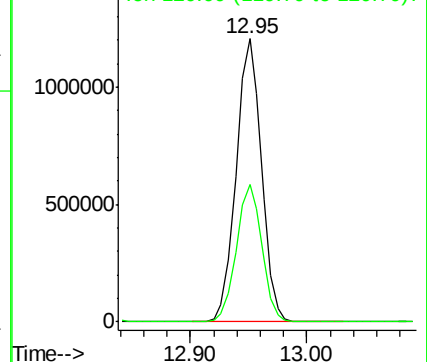
105 100

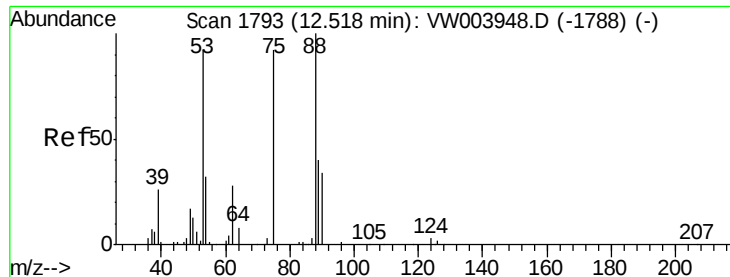
120 48.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70):

Ion 120.00 (119.70 to 120.70):





#81

trans-1,4-Dichloro-2-butene

Concen: 171.01 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

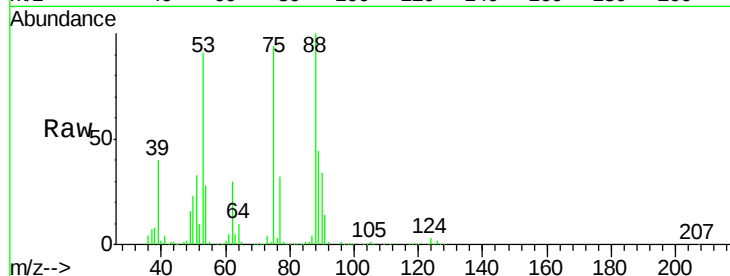
Tot Ion: 75 Resp: 148652

Ion Ratio Lower Upper

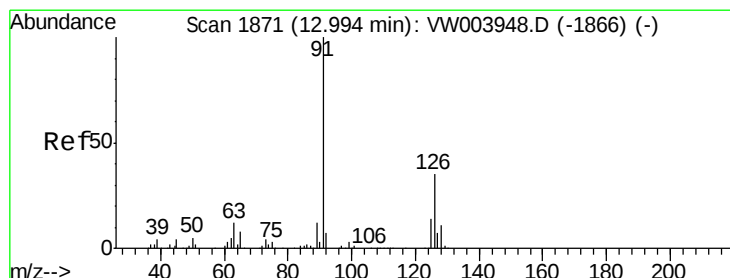
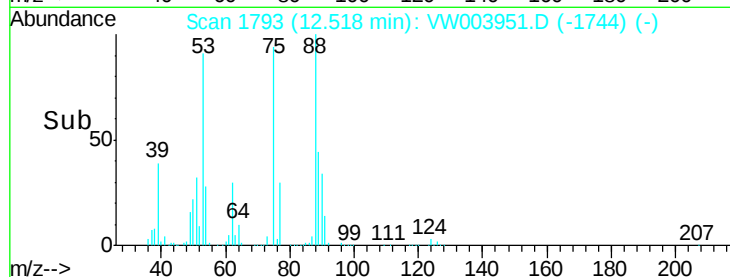
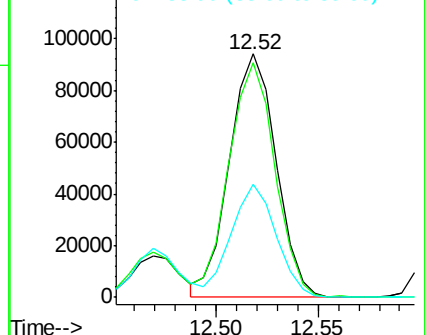
75 100

53 96.2 77.6 116.4

89 44.9 36.6 54.8



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: 155.74 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003951.D

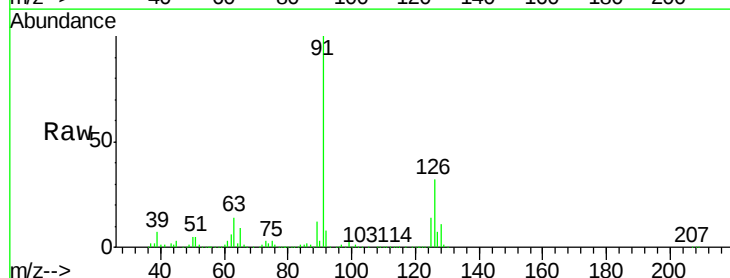
Acq: 16 Jul 2018 14:33

Tgt Ion: 91 Resp: 1589146

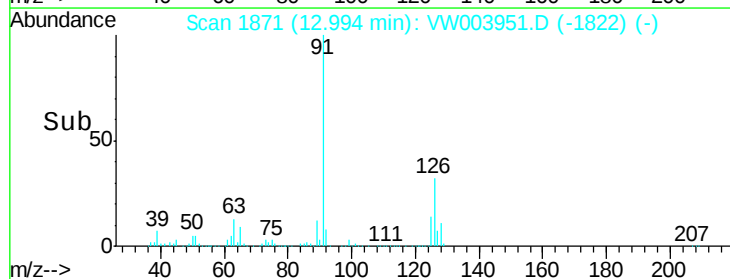
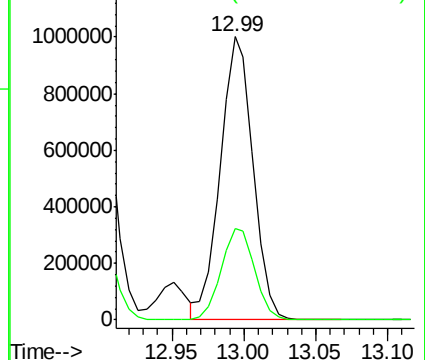
Ion Ratio Lower Upper

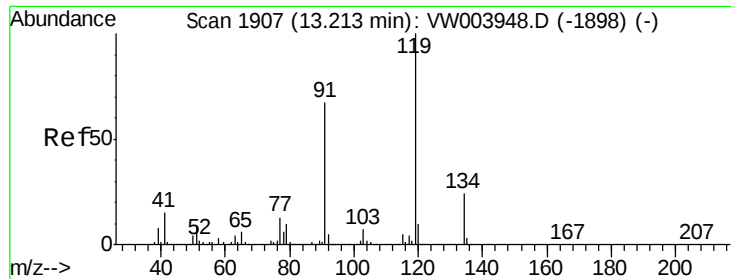
91 100

126 33.2 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60):

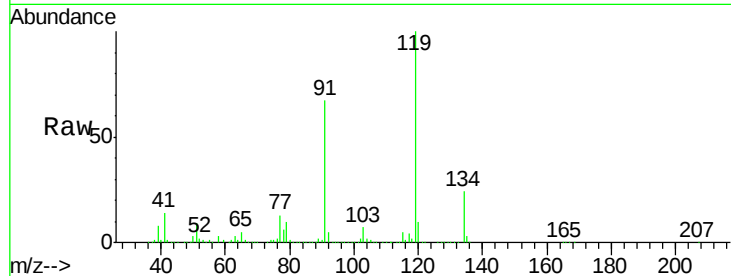




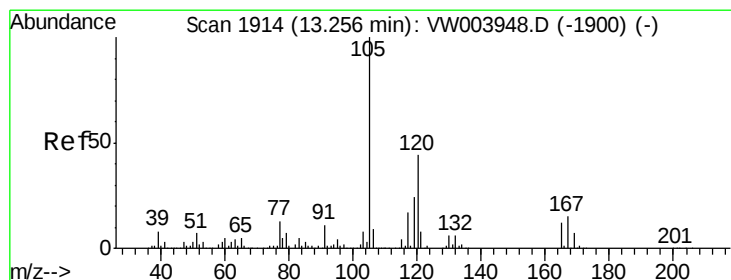
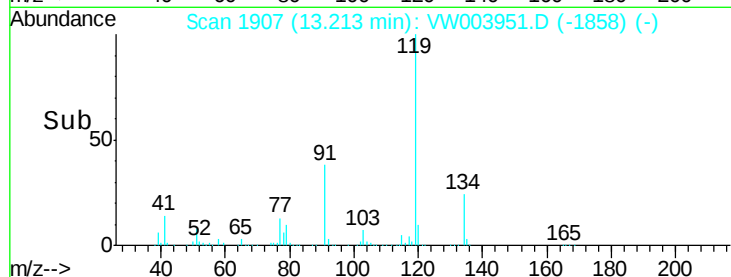
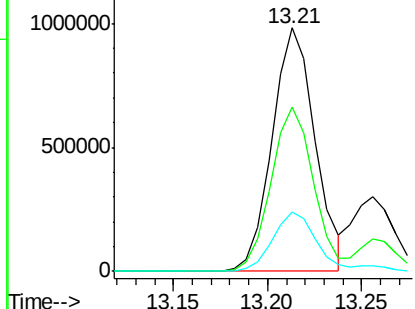
#83
 tert-Butylbenzene
 Concen: 158.79 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1548412
 Ion Ratio Lower Upper
 119 100
 91 67.4 33.2 99.6
 134 26.0 13.0 38.9

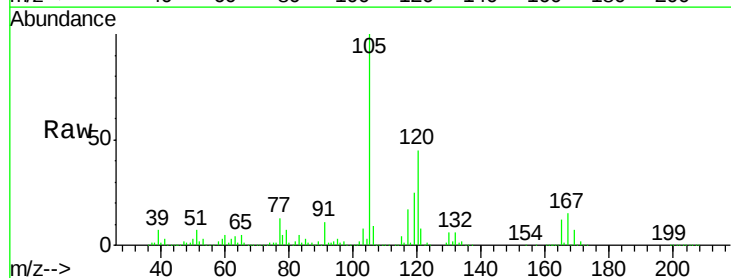


Abundance Ion 119.00 (118.70 to 119.70):
 Ion 91.00 (90.70 to 91.70): VW
 Ion 134.00 (133.70 to 134.70):

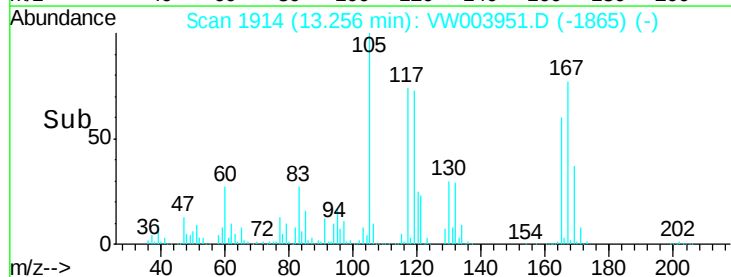
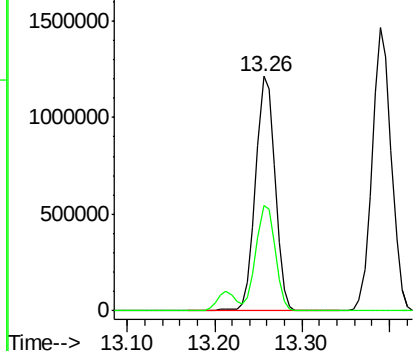


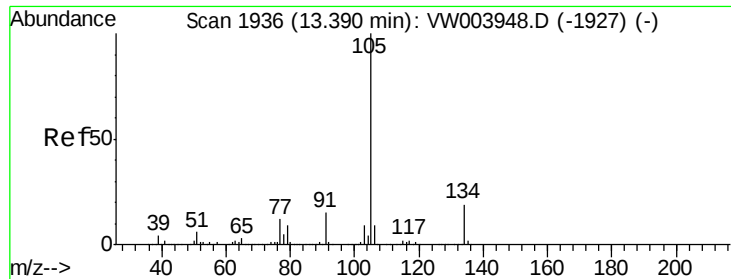
#84
 1,2,4-Trimethylbenzene
 Concen: 157.16 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Tgt Ion:105 Resp: 1875319
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 154.32 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

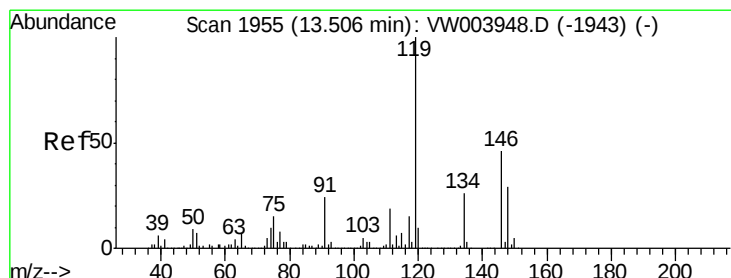
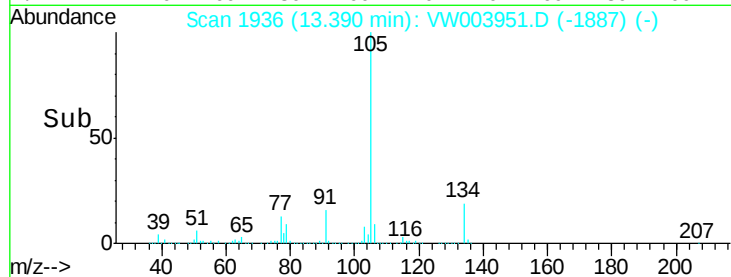
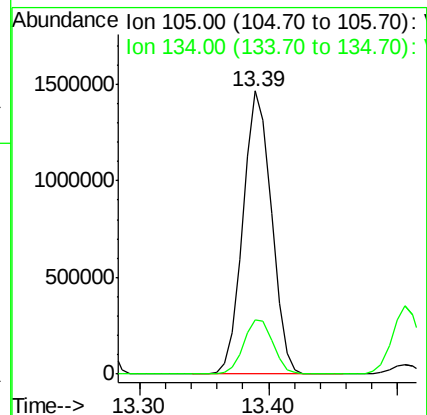
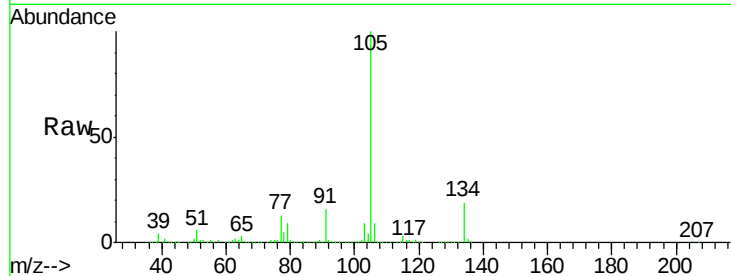
VSTDIC150

Tot Ion:105 Resp: 2237077

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 155.32 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

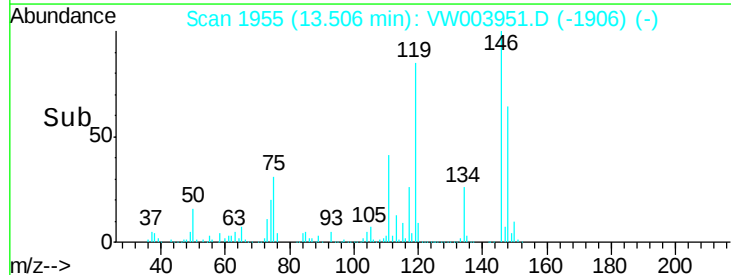
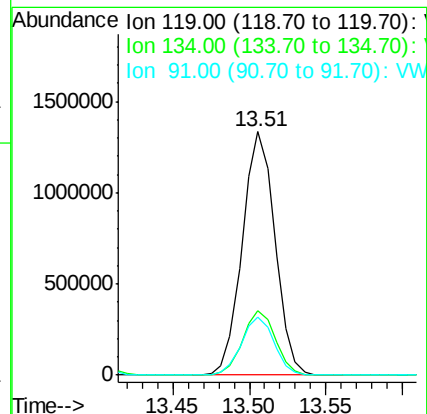
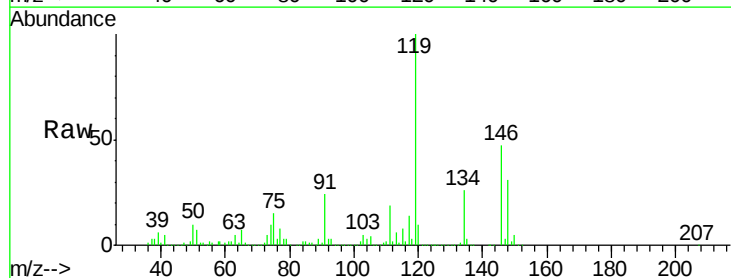
Tgt Ion:119 Resp: 1979203

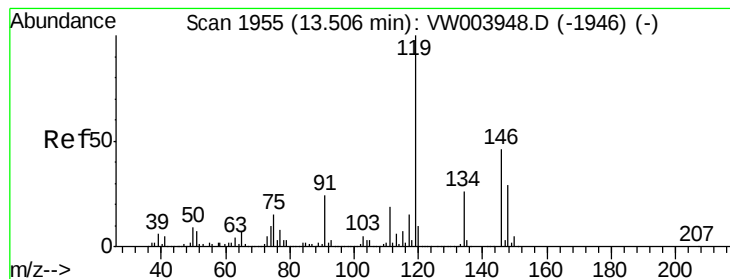
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 151.70 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

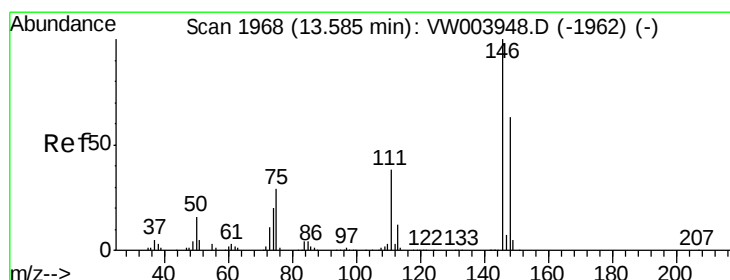
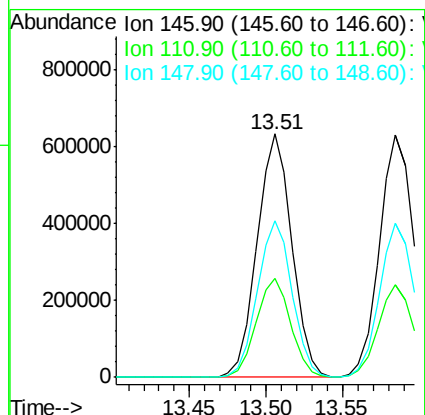
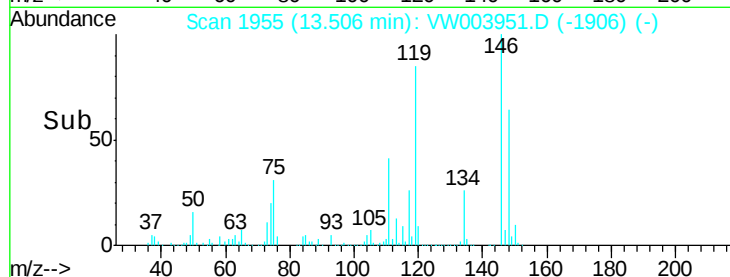
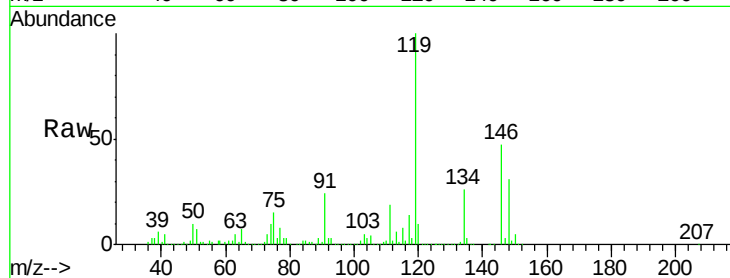
Tot Ion:146 Resp: 1000484

Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.6

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 149.05 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

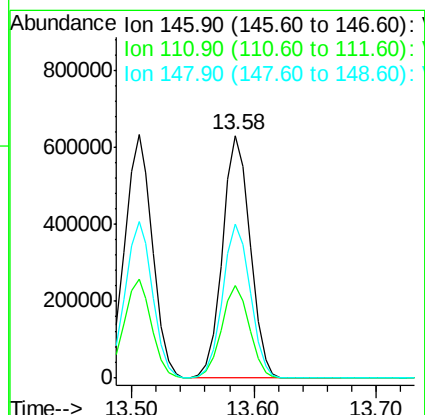
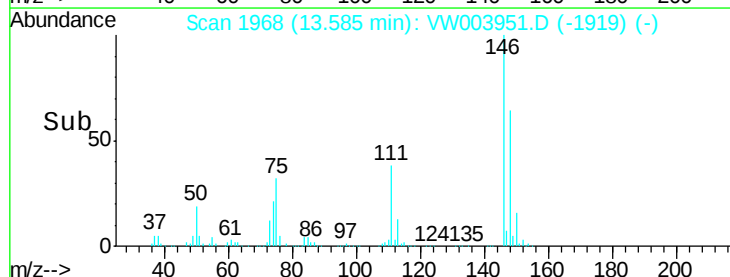
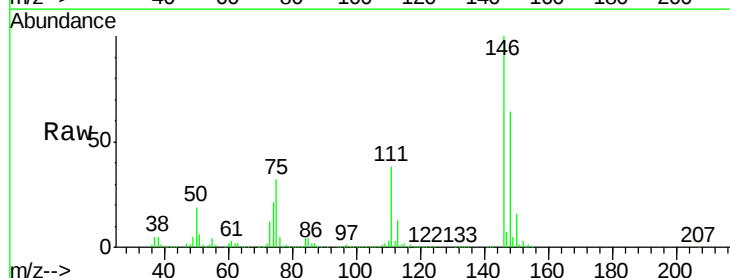
Tgt Ion:146 Resp: 985807

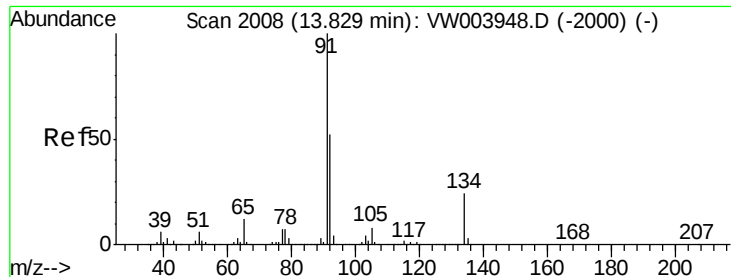
Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

148 63.7 32.3 96.8





#89

n-Butylbenzene

Concen: 153.39 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

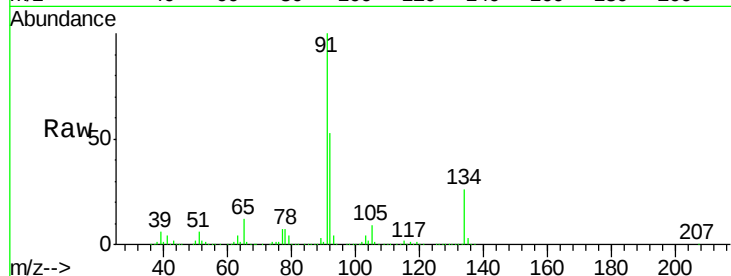
Tot Ion: 91 Resp: 1920953

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.1	78.3
134	25.8	12.4	37.4

91 100

92 53.2 26.1 78.3

134 25.8 12.4 37.4

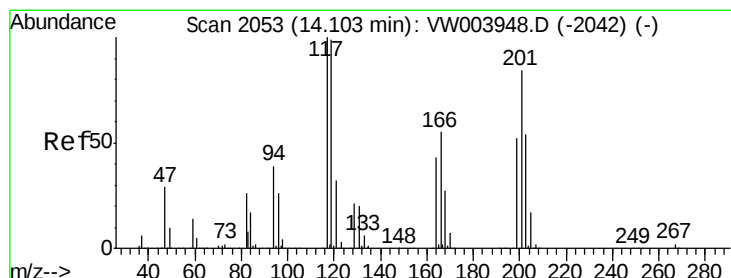
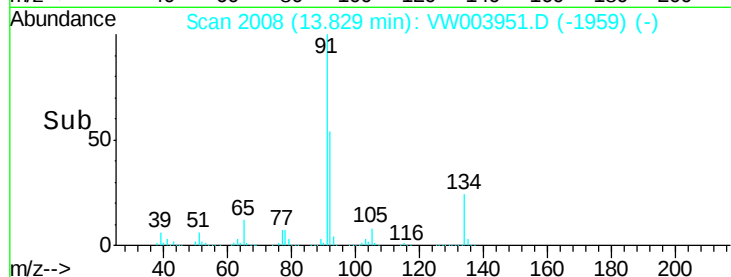
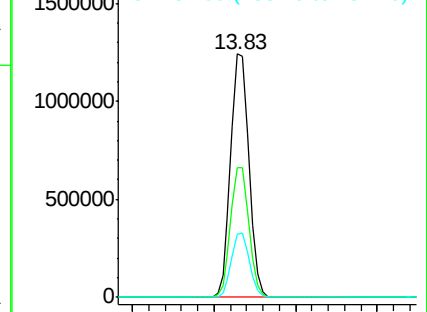


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70):



#90

Hexachloroethane

Concen: 157.40 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW003951.D

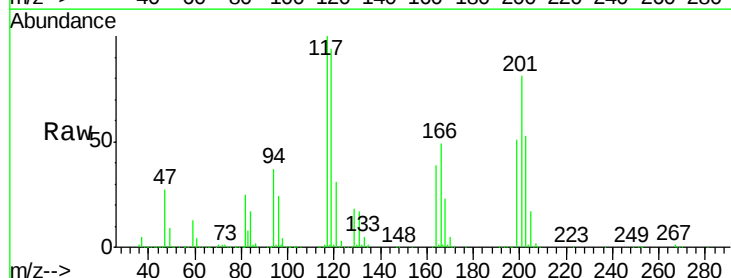
Acq: 16 Jul 2018 14:33

Tgt Ion: 117 Resp: 366815

Ion	Ratio	Lower	Upper
117	100		
201	79.8	40.3	120.9

117 100

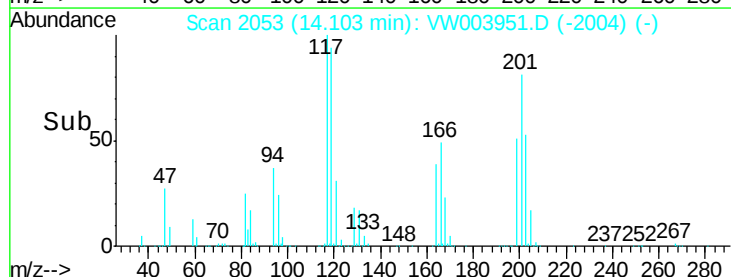
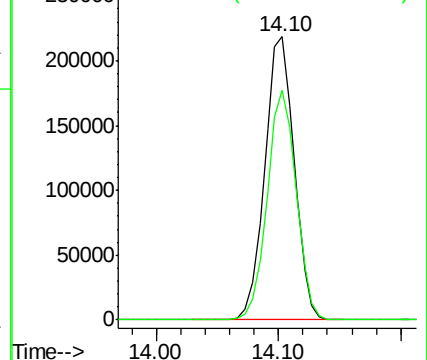
201 79.8 40.3 120.9

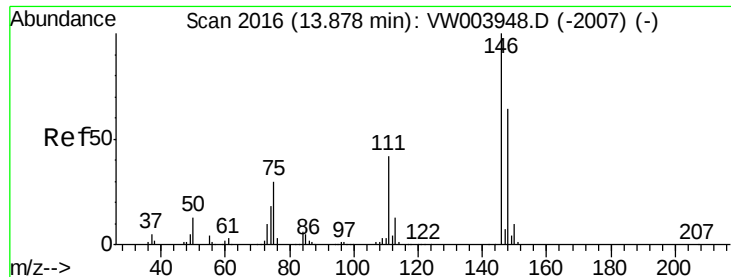


Abundance

Ion 116.80 (116.50 to 117.50):

Ion 200.70 (200.40 to 201.40):





#91

1,2-Dichlorobenzene

Concen: 152.65 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

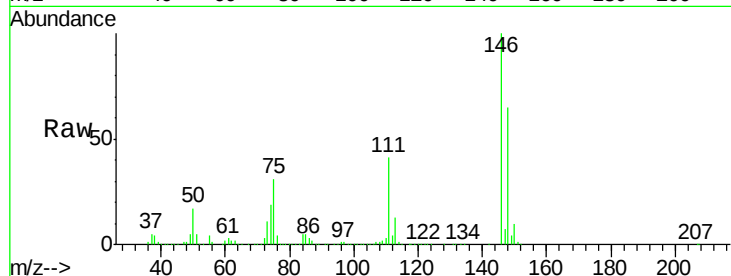
Tot Ion:146 Resp: 897351

Ion Ratio Lower Upper

146 100

111 40.9 20.7 62.1

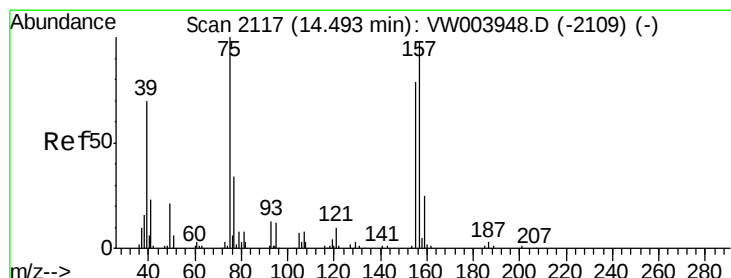
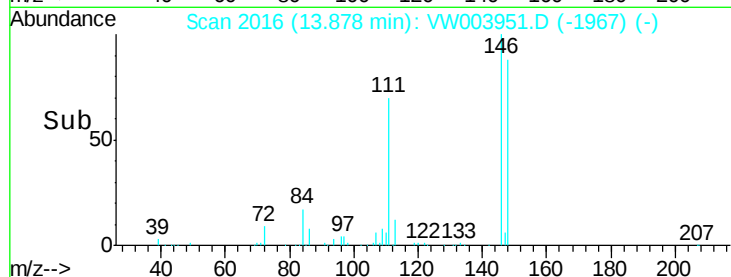
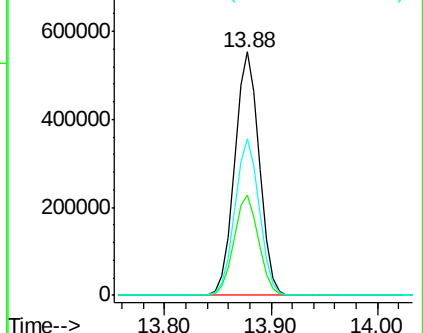
148 64.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60):

Ion 110.90 (110.60 to 111.60):

Ion 147.90 (147.60 to 148.60):



#92

1,2-Dibromo-3-Chloropropane

Concen: 163.01 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003951.D

Acq: 16 Jul 2018 14:33

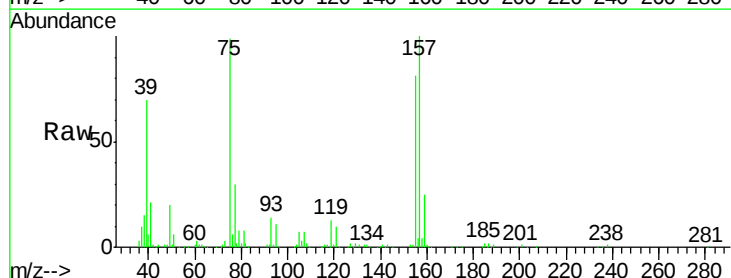
Tgt Ion: 75 Resp: 77200

Ion Ratio Lower Upper

75 100

155 80.9 39.4 118.1

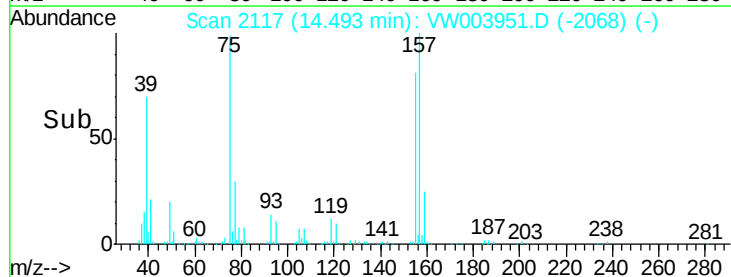
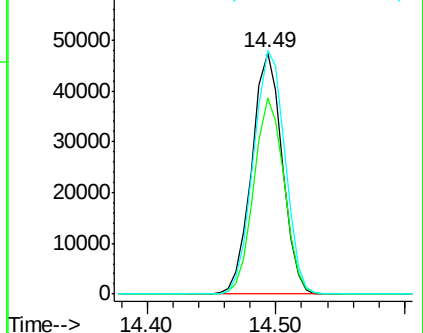
157 104.9 51.8 155.4

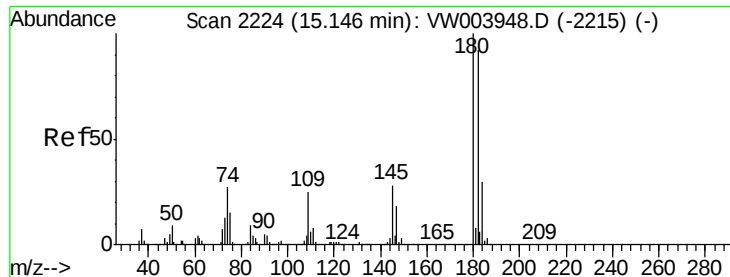


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50):

Ion 156.80 (156.50 to 157.50):

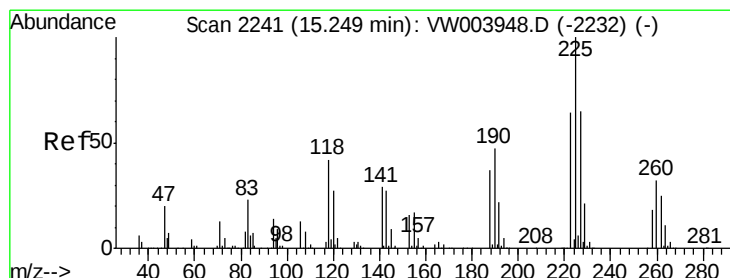
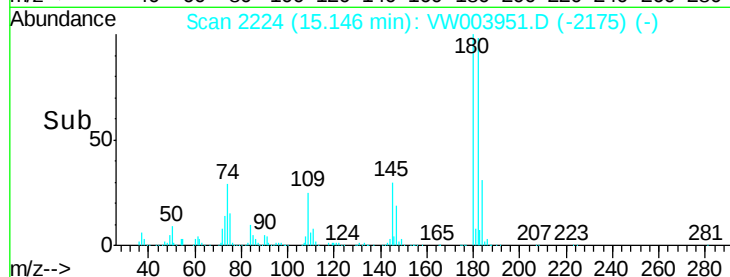
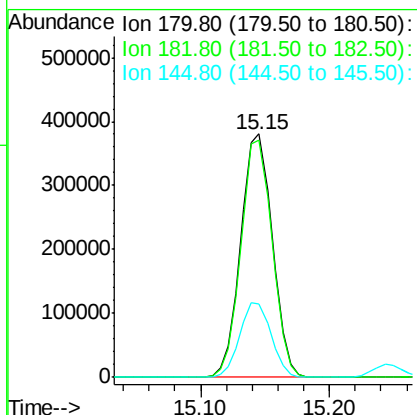
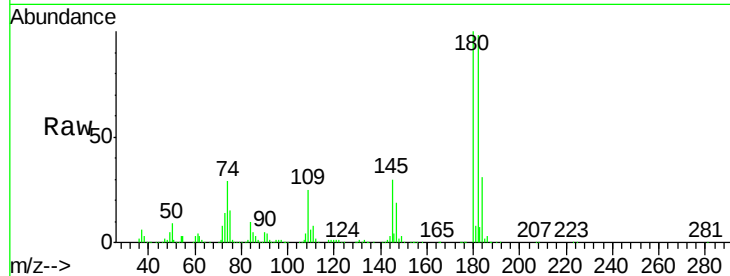




#93
 1,2,4-Trichlorobenzene
 Concen: 156.75 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

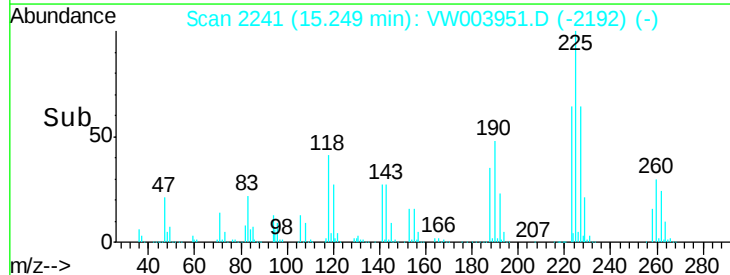
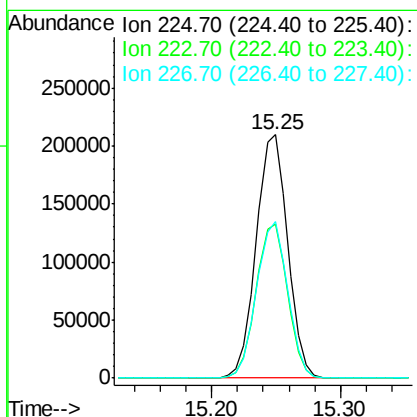
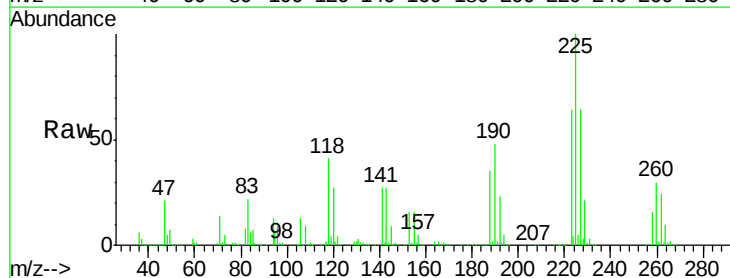
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

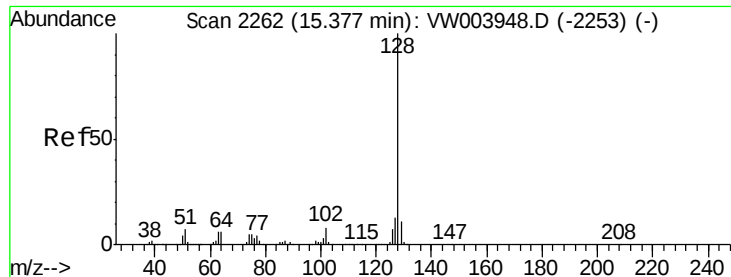
Tot Ion:180 Resp: 645530
 Ion Ratio Lower Upper
 180 100
 182 96.4 46.9 140.8
 145 30.7 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 148.52 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003951.D
 Acq: 16 Jul 2018 14:33

Tgt Ion:225 Resp: 353907
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.2
 227 63.7 32.3 96.9

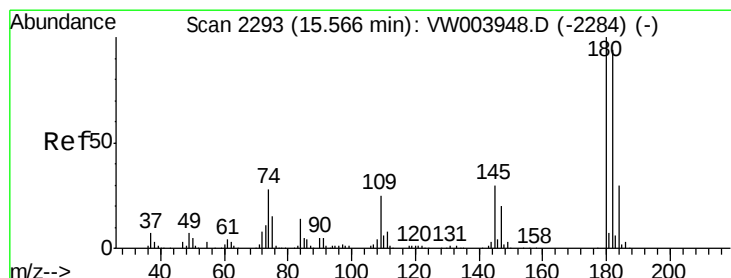
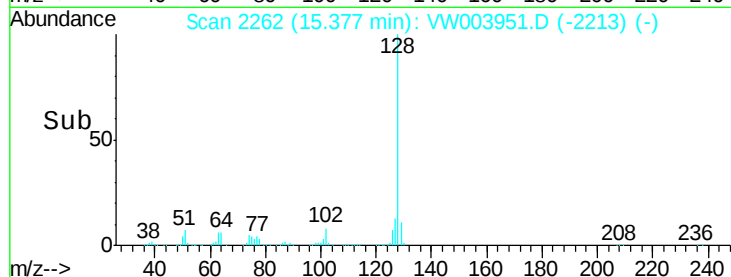
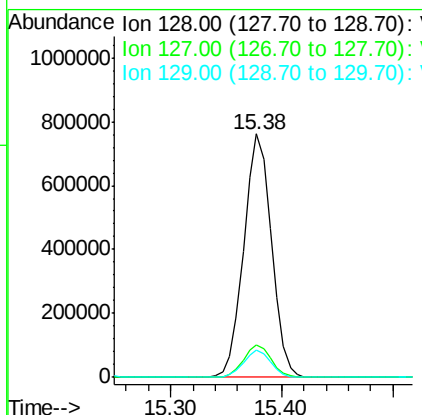
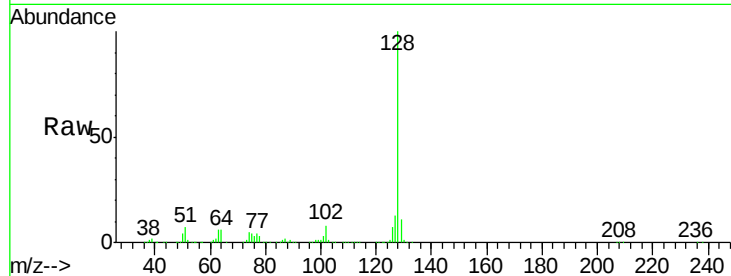




#95
Naphthalene
Concen: 172.88 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion:128 Resp: 1312041
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 158.62 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003951.D
Acq: 16 Jul 2018 14:33

Tgt Ion:180 Resp: 577626
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 32.3 15.8 47.4

