

Data File : VW011142.D
Acq On : 03 Jul 2019 16:18
Operator : SY/VA
Sample : VW0704SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

Quant Time: Jul 04 03:52:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133364	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
35) Dibromofluoromethane	7.88	113	104305	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.32	98	431794	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.62	95	156302	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	35257	20.865	ug/l	95
3) Chloromethane	2.21	50	44149	19.490	ug/l	99
4) Vinyl Chloride	2.35	62	57663	19.551	ug/l	98
5) Bromomethane	2.76	94	28085	19.130	ug/l	94
6) Chloroethane	2.92	64	29722	19.114	ug/l	95
7) Trichlorofluoromethane	3.25	101	18500	21.345	ug/l	91
8) Diethyl Ether	3.68	74	26557	19.347	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47721	19.577	ug/l	98
10) Methyl Iodide	4.27	142	61864	18.139	ug/l	100
11) Tert butyl alcohol	5.17	59	17710	83.217	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	47953	18.899	ug/l	94
13) Acrolein	3.89	56	14605	88.005	ug/l	94
14) Allyl chloride	4.66	41	84024	20.575	ug/l	100
15) Acrylonitrile	5.36	53	64985	96.138	ug/l	100
16) Acetone	4.12	43	65168	91.111	ug/l	98
17) Carbon Disulfide	4.38	76	132334	18.384	ug/l	100
18) Methyl Acetate	4.67	43	38877	20.983	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70736	19.697	ug/l	97
20) Methylene Chloride	4.92	84	54546	18.770	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49195	18.816	ug/l	97
22) Diisopropyl ether	6.31	45	190859	19.421	ug/l	100
23) Vinyl Acetate	6.25	43	556996	91.987	ug/l	99
24) 1,1-Dichloroethane	6.21	63	98772	19.041	ug/l	99
25) 2-Butanone	7.17	43	97308	89.502	ug/l	97
26) 2,2-Dichloropropane	7.17	77	49081	18.223	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	53516	19.010	ug/l	98
28) Bromochloromethane	7.51	49	47552	19.692	ug/l	99
29) Tetrahydrofuran	7.52	42	64236	94.911	ug/l	99
30) Chloroform	7.67	83	91294	19.372	ug/l	99
31) Cyclohexane	7.95	56	105660	18.851	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	68071	19.330	ug/l	100
36) 1,1-Dichloropropene	8.08	75	76954	19.621	ug/l	100
37) Ethyl Acetate	7.25	43	44252	19.395	ug/l	98
38) Carbon Tetrachloride	8.06	117	62129	19.236	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93941	19.463	ug/l	99
40) Benzene	8.32	78	213486	19.791	ug/l	98
41) Methacrylonitrile	7.48	41	22462	16.181	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	68660	19.412	ug/l	100
43) Isopropyl Acetate	8.42	43	80041	18.544	ug/l	99
44) Trichloroethene	9.09	130	50781	19.479	ug/l	97
45) 1,2-Dichloropropane	9.37	63	56929	19.434	ug/l	97
46) Dibromomethane	9.46	93	26269	19.174	ug/l	99
47) Bromodichloromethane	9.64	83	64288	18.953	ug/l	98
48) Methyl methacrylate	9.43	41	39370	18.812	ug/l	98
49) 1,4-Dioxane	9.44	88	8430	365.965	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	212234	93.413	ug/l	99
52) Toluene	10.38	92	128205	19.413	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	66665	18.869	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	79919	18.963	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37558	19.404	ug/l	98
56) Ethyl methacrylate	10.65	69	54582	18.832	ug/l	99
57) 1,3-Dichloropropane	10.93	76	71138	19.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	144650	98.636	ug/l	99
59) 2-Hexanone	10.97	43	149792	94.541	ug/l	99
60) Dibromochloromethane	11.13	129	37575	18.512	ug/l	100
61) 1,2-Dibromoethane	11.23	107	34184	18.865	ug/l	100
64) Tetrachloroethene	10.86	164	42895	19.217	ug/l	97
65) Chlorobenzene	11.66	112	128411	19.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	43438	19.270	ug/l	99
67) Ethyl Benzene	11.73	91	247944	19.498	ug/l	100
68) m/p-Xylenes	11.84	106	179693	38.942	ug/l	100
69) o-Xylene	12.16	106	83487	19.425	ug/l	99
70) Styrene	12.18	104	145248	19.448	ug/l	100
71) Bromoform	12.35	173	20674	18.813	ug/l #	98
73) Isopropylbenzene	12.46	105	232387	19.245	ug/l	100
74) N-amyl acetate	12.27	43	75400	18.593	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	45438	19.163	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57473	33.774	ug/l #	100
77) Bromobenzene	12.75	156	51227	19.301	ug/l	99
78) n-propylbenzene	12.80	91	289218	19.342	ug/l	100
79) 2-Chlorotoluene	12.89	91	164627	19.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	198305	19.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12687	18.664	ug/l	95
82) 4-Chlorotoluene	12.99	91	171445	19.258	ug/l	100
83) tert-Butylbenzene	13.21	119	165053	19.340	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	198969	19.234	ug/l	99
85) sec-Butylbenzene	13.38	105	238982	19.276	ug/l	99
86) p-Isopropyltoluene	13.50	119	216637	19.418	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101264	19.288	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	101308	19.331	ug/l	99
89) n-Butylbenzene	13.82	91	217979	19.223	ug/l	99
90) Hexachloroethane	14.09	117	35080	18.377	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	91078	19.315	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7358	18.259	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070419\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64953	19.578	ug/l	99
94) Hexachlorobutadiene	15.24	225	38537	19.152	ug/l	99
95) Naphthalene	15.37	128	113855	18.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	56016	18.909	ug/l	99

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

Data File : VW011142.D

Acq On : 03 Jul 2019 16:18

Operator : SY/VA

Sample : VW0704SBSD01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

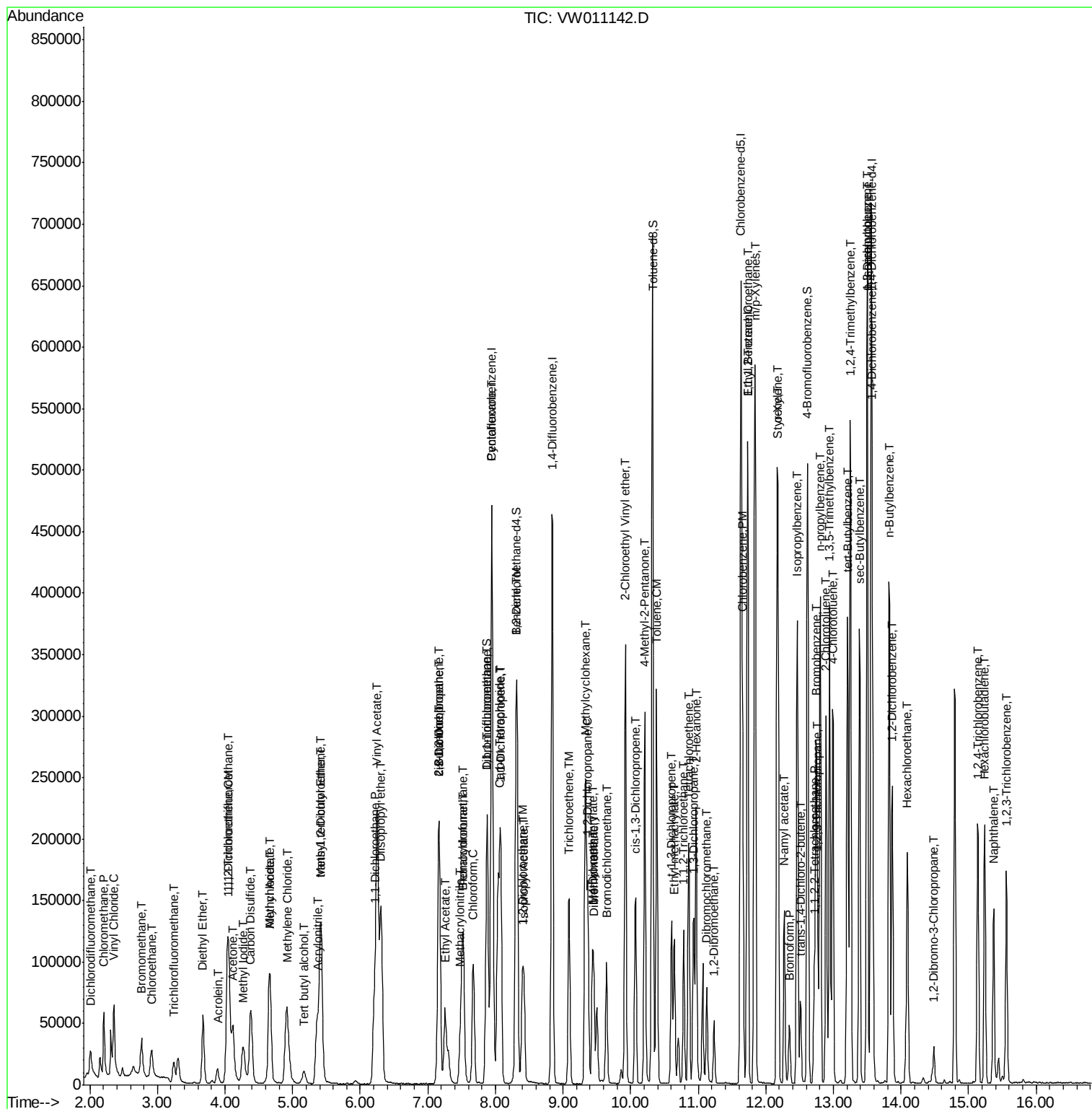
Quant Time: Jul 04 03:52:11 2019

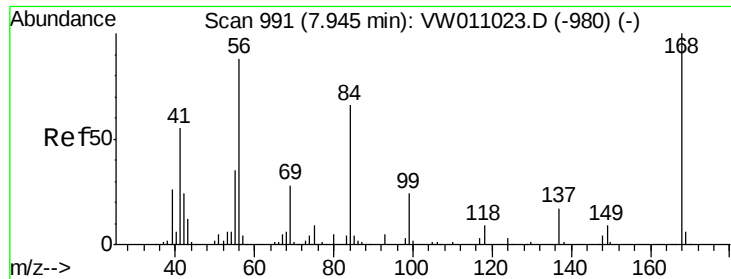
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W062819S.M

Quant Title : SW846 8260

QLast Update : Fri Jun 28 01:55:46 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

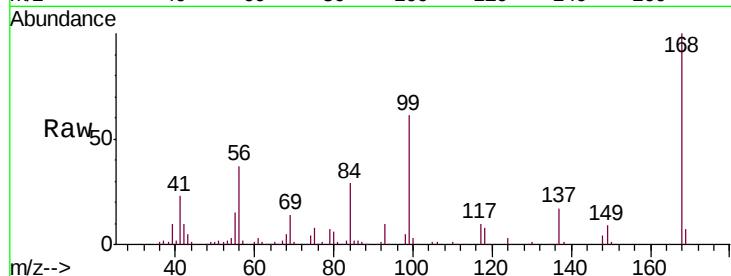
VW0704SBSD01

Tgt Ion:168 Resp: 224151

Ion Ratio Lower Upper

168 100

99 61.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

0

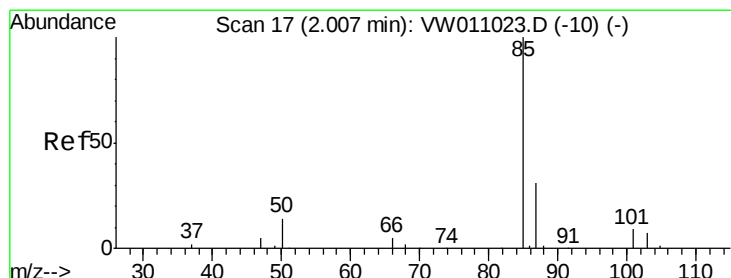
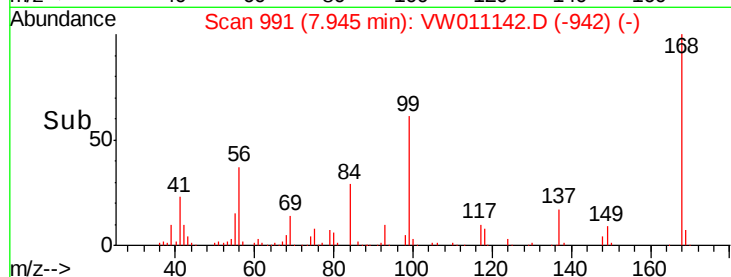
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.865 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011142.D

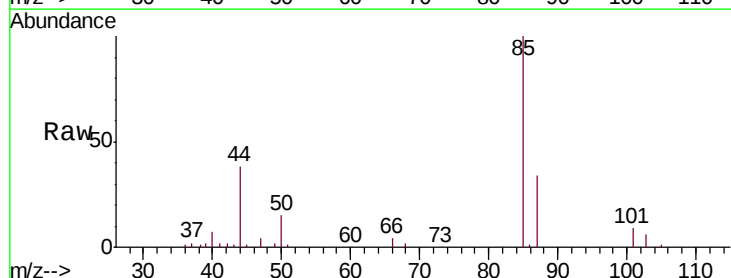
Acq: 03 Jul 2019 16:18

Tgt Ion: 85 Resp: 35257

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

5000

0

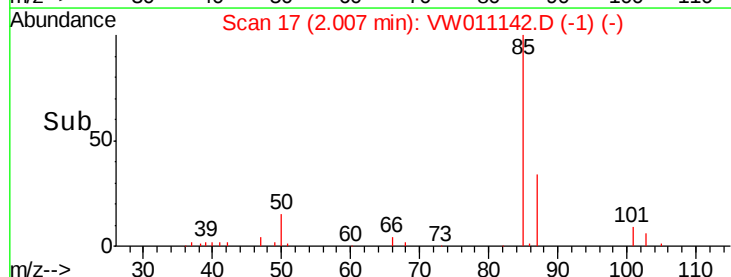
1.90

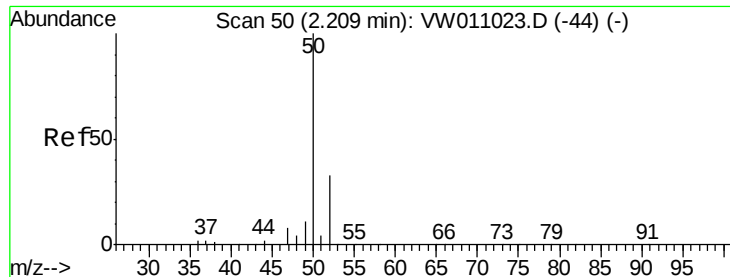
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.490 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

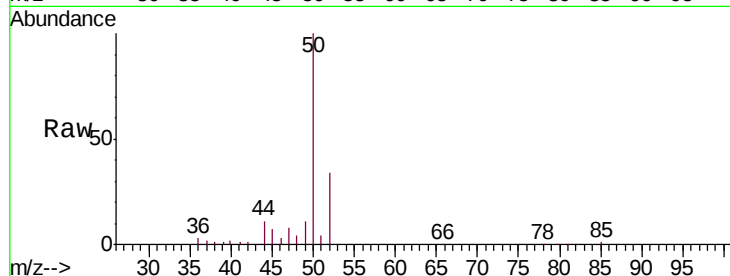
VW0704SBSD01

Tgt Ion: 50 Resp: 44149

Ion Ratio Lower Upper

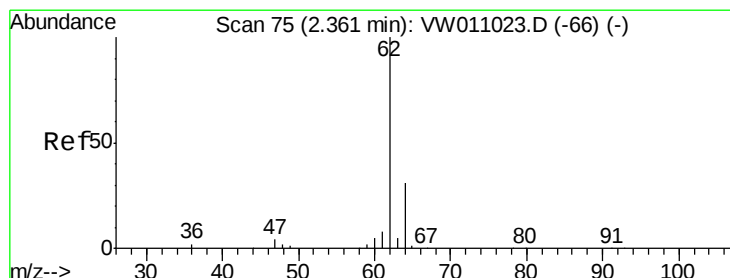
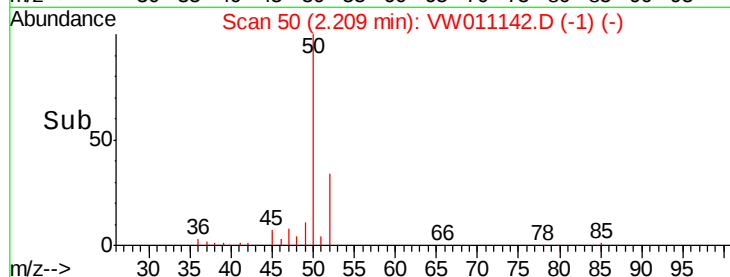
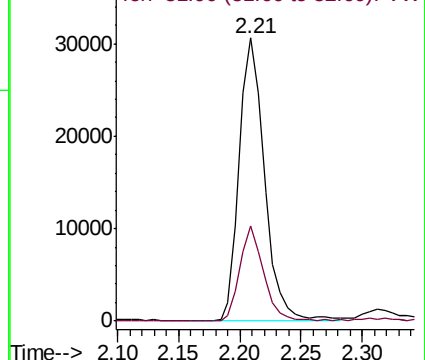
50 100

52 33.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 19.551 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011142.D

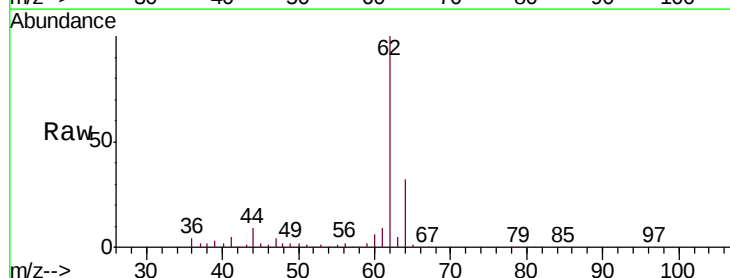
Acq: 03 Jul 2019 16:18

Tgt Ion: 62 Resp: 57663

Ion Ratio Lower Upper

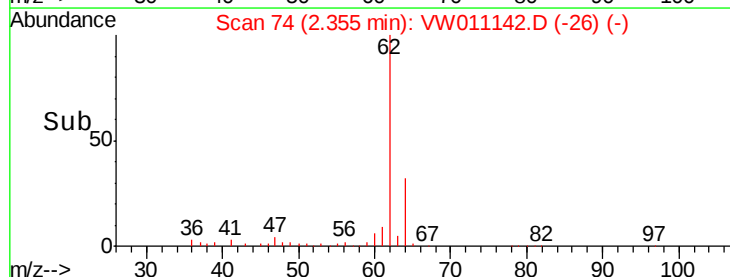
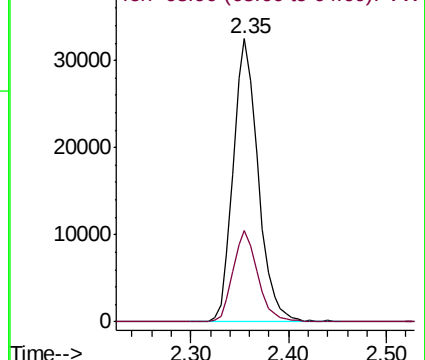
62 100

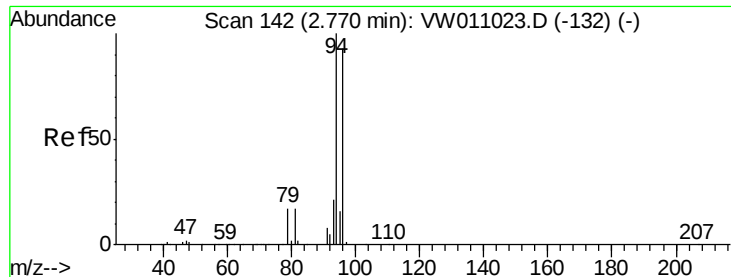
64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.130 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

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ClientSampleId :

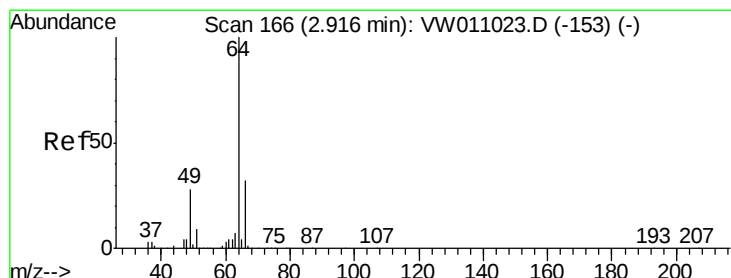
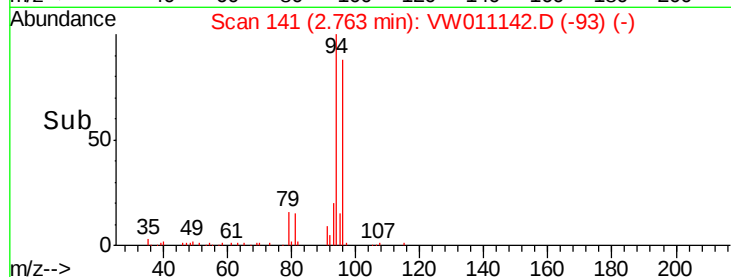
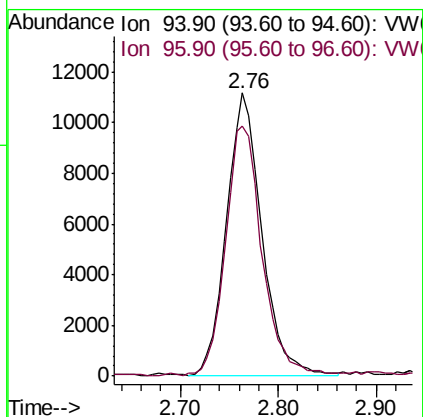
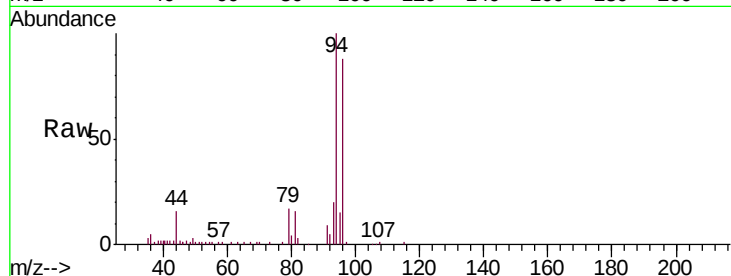
VW0704SBSD01

Tgt Ion: 94 Resp: 28085

Ion Ratio Lower Upper

94 100

96 87.3 74.2 111.2



#6

Chloroethane

Concen: 19.114 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW011142.D

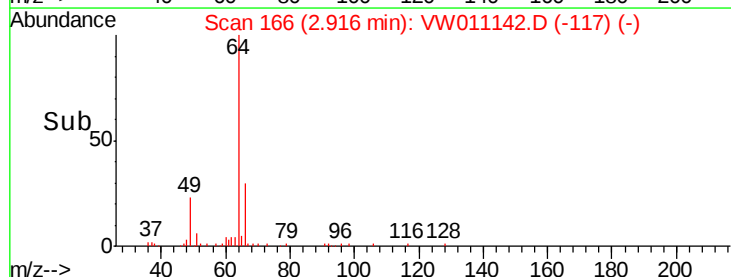
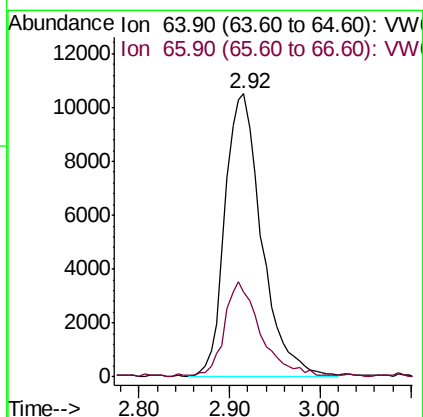
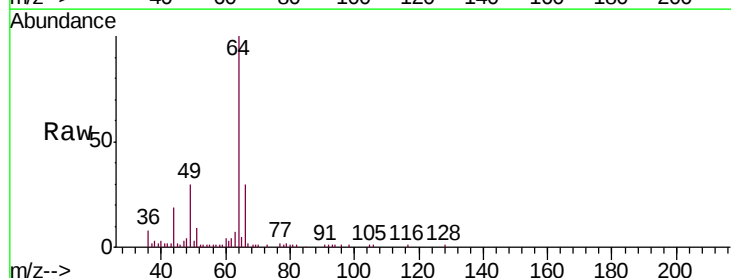
Acq: 03 Jul 2019 16:18

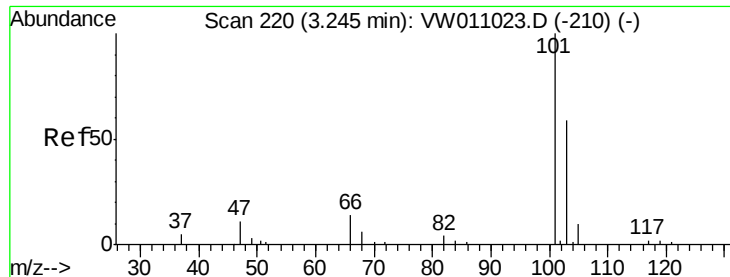
Tgt Ion: 64 Resp: 29722

Ion Ratio Lower Upper

64 100

66 29.5 25.7 38.5



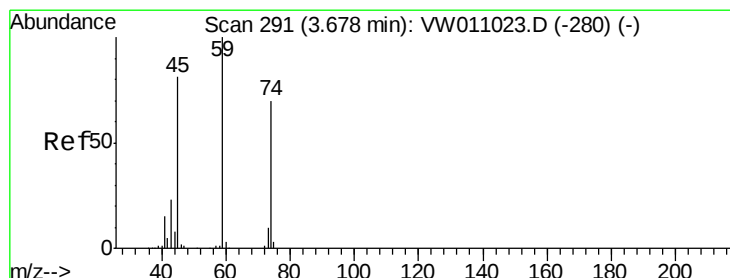
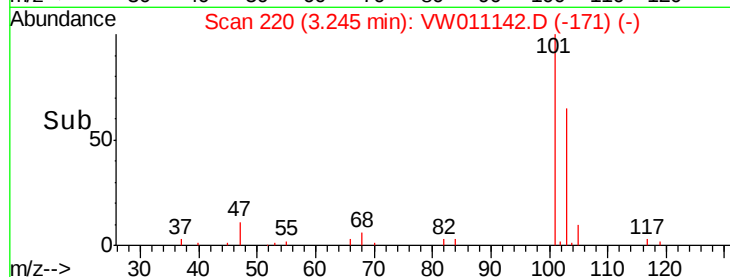
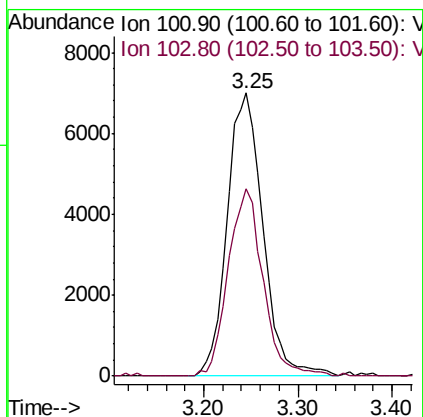
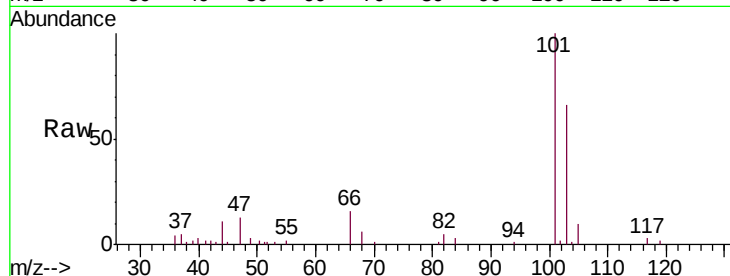


#7

Trichlorofluoromethane
 Concen: 21.345 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Instrument :
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 VW0704SBSD01

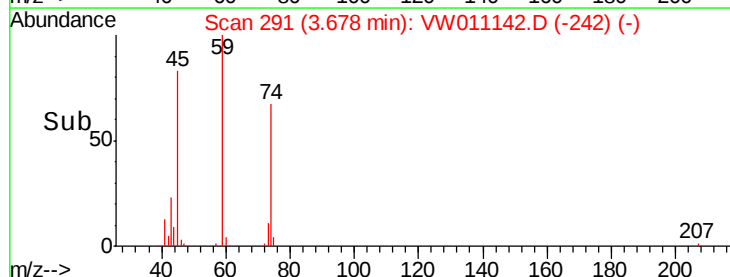
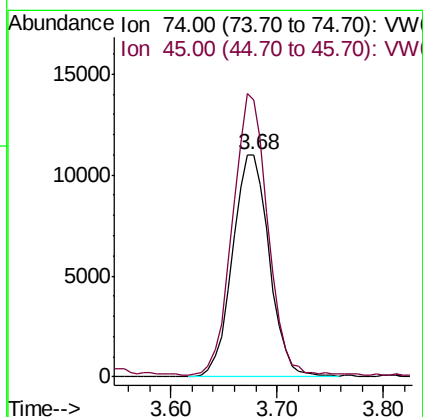
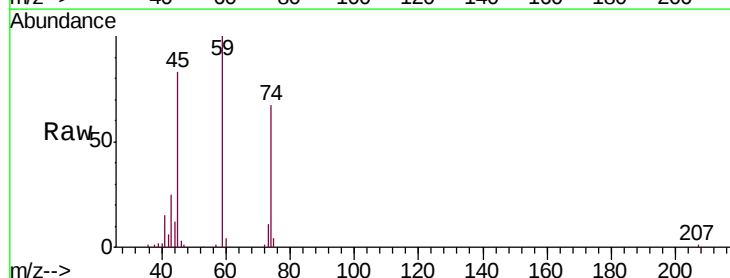
Tgt Ion:101 Resp: 18500
 Ion Ratio Lower Upper
 101 100
 103 66.2 47.5 71.3

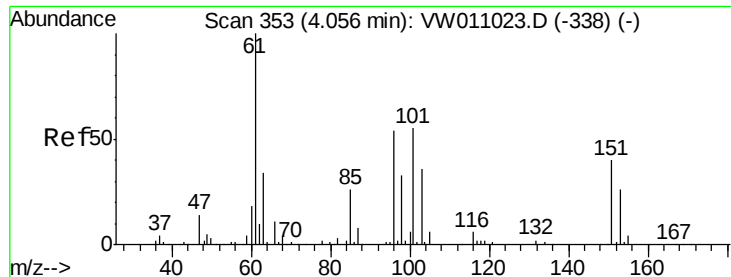


#8

Diethyl Ether
 Concen: 19.347 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 74 Resp: 26557
 Ion Ratio Lower Upper
 74 100
 45 121.7 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.577 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW011142.D

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Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

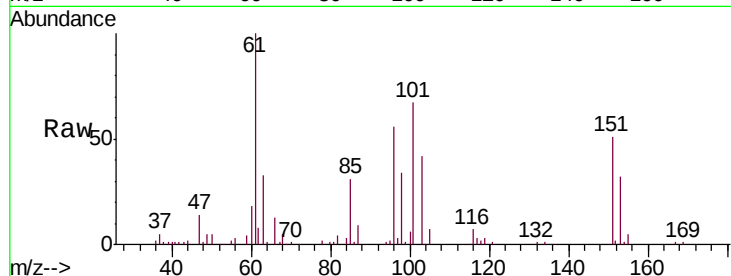
Tgt Ion:101 Resp: 47721

Ion Ratio Lower Upper

101 100

85 44.7 36.6 55.0

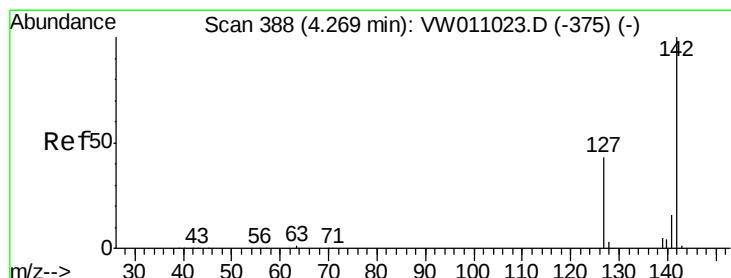
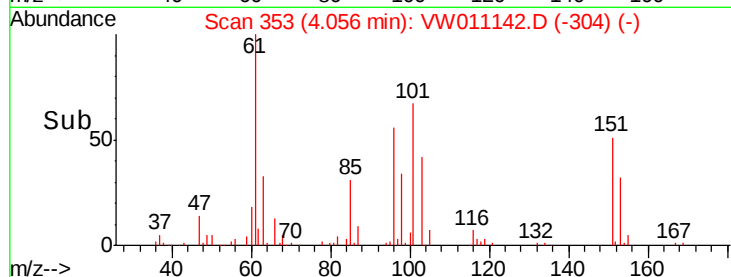
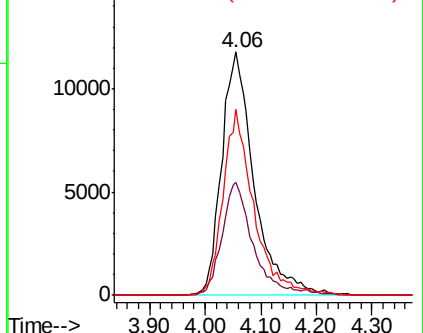
151 72.3 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.139 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

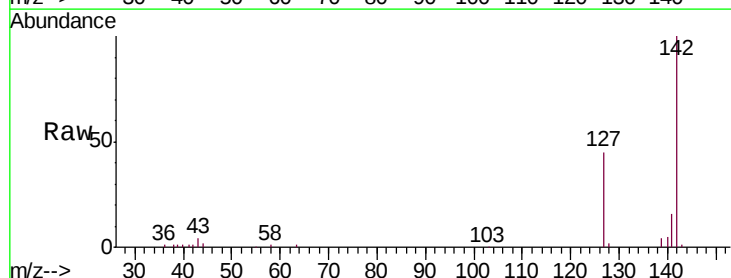
Tgt Ion:142 Resp: 61864

Ion Ratio Lower Upper

142 100

127 44.7 35.8 53.8

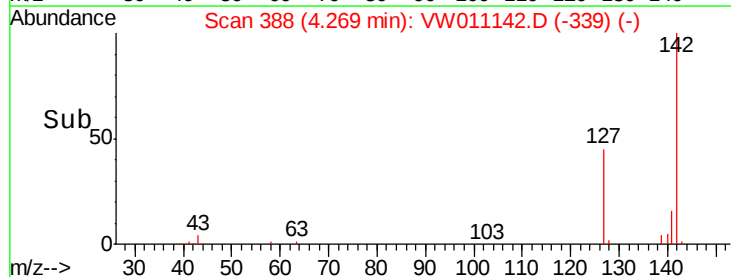
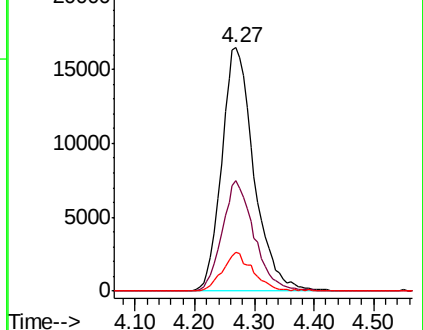
141 15.1 12.2 18.2

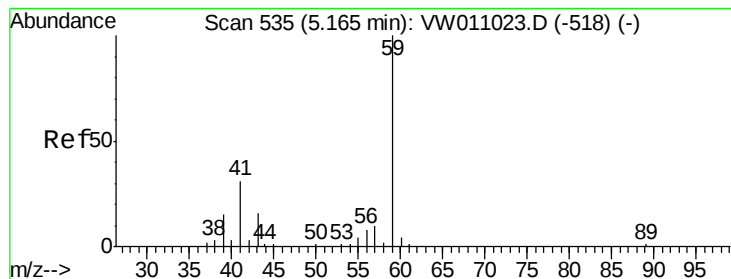


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



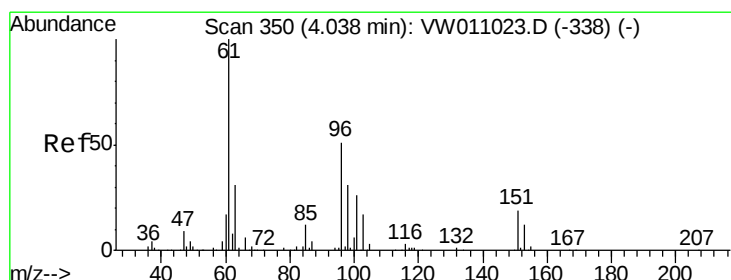
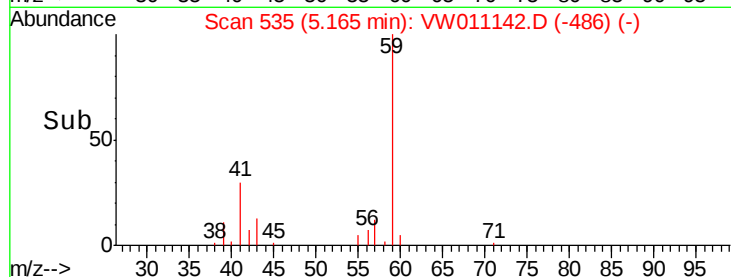
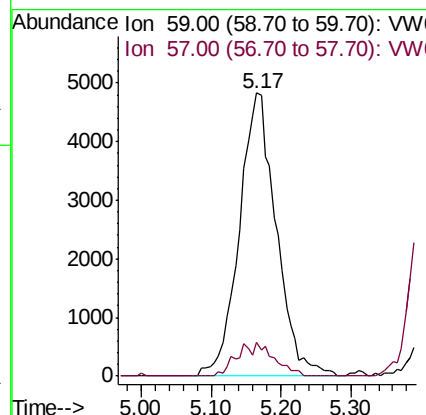
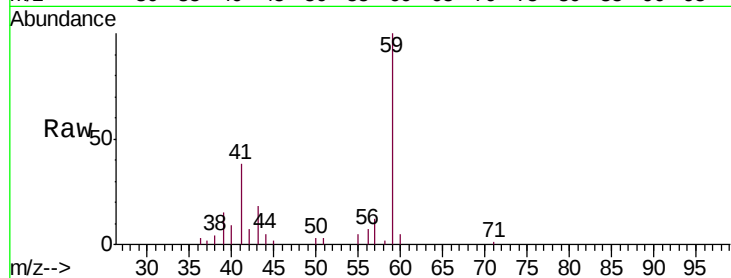


#11

Tert butyl alcohol
 Concen: 83.217 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Instrument :
 MSVOA_W
 ClientSampled :
 VW0704SBSD01

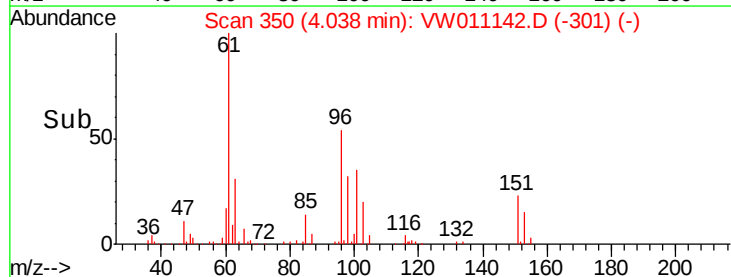
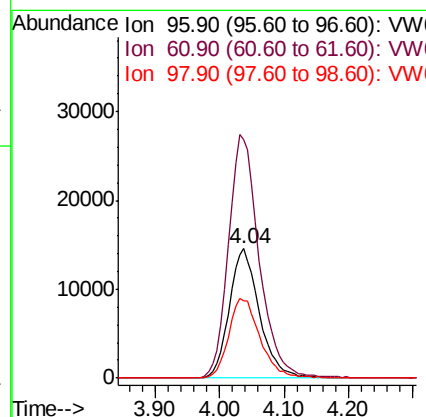
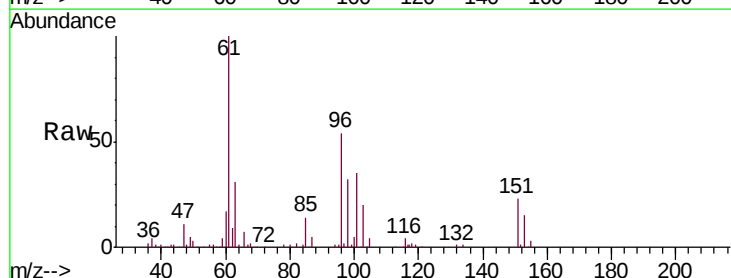
Tgt Ion: 59 Resp: 17710
 Ion Ratio Lower Upper
 59 100
 57 6.3 9.0 13.4#

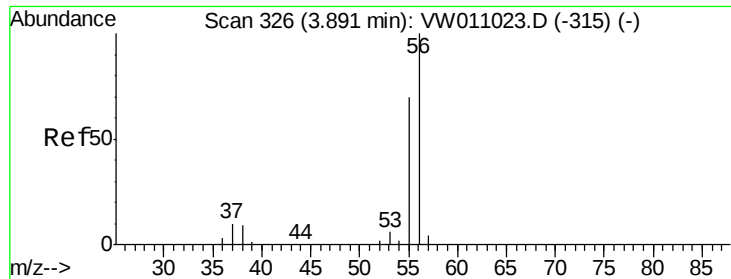


#12

1,1-Dichloroethene
 Concen: 18.899 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 96 Resp: 47953
 Ion Ratio Lower Upper
 96 100
 61 184.4 156.0 234.0
 98 59.7 48.7 73.1





#13

Acrolein

Concen: 88.005 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

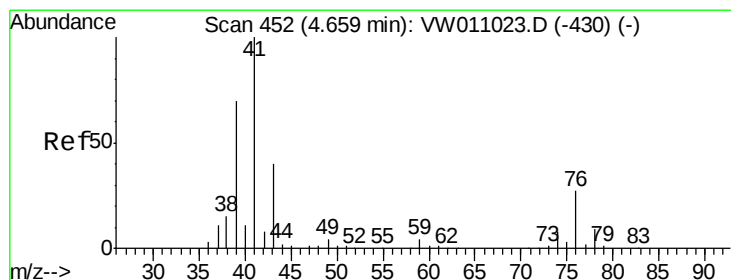
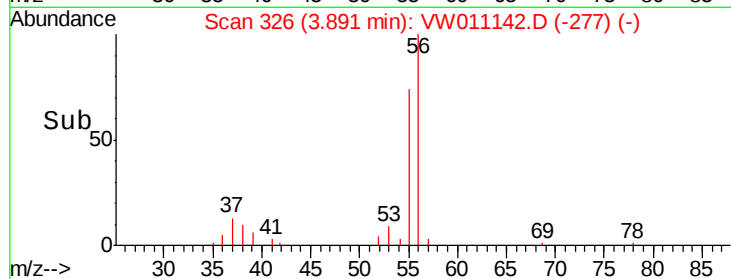
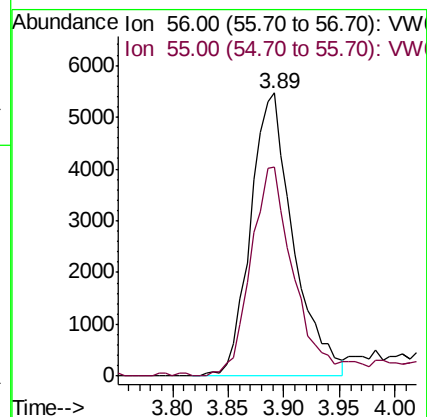
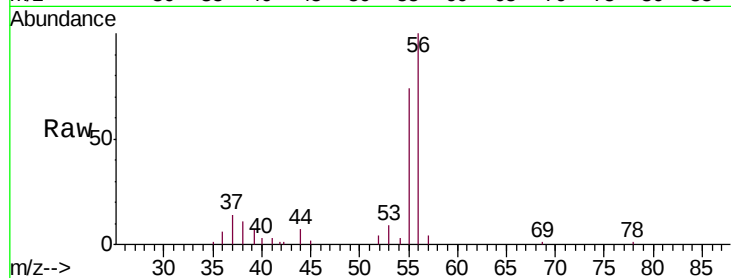
VW0704SBSD01

Tgt Ion: 56 Resp: 14605

Ion Ratio Lower Upper

56 100

55 74.4 55.7 83.5



#14

Allyl chloride

Concen: 20.575 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

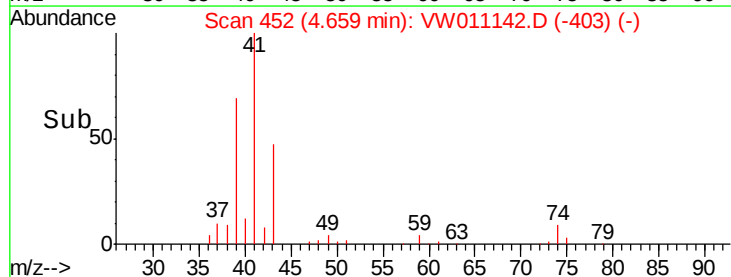
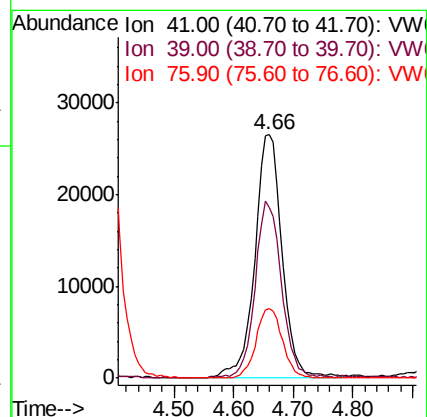
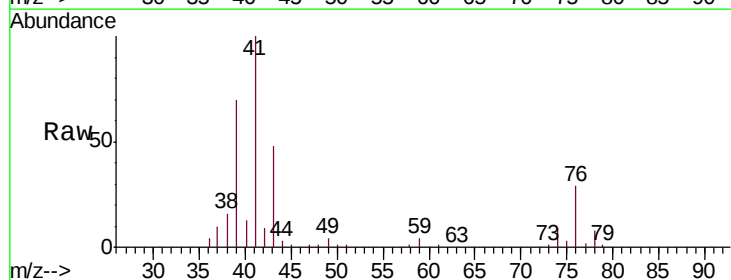
Tgt Ion: 41 Resp: 84024

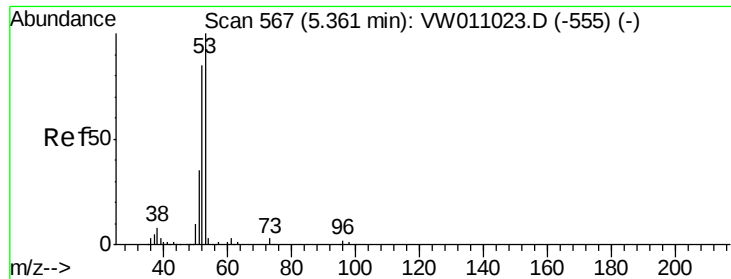
Ion Ratio Lower Upper

41 100

39 69.6 55.4 83.2

76 27.8 22.0 33.0





#15

Acrylonitrile

Concen: 96.138 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

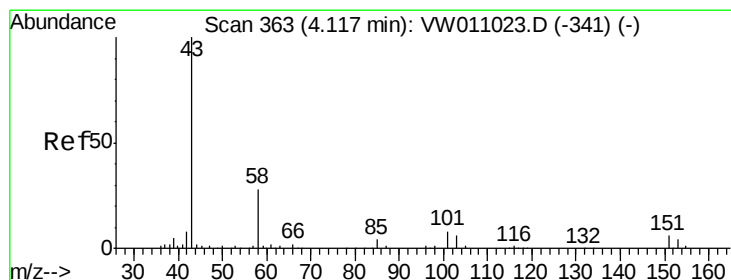
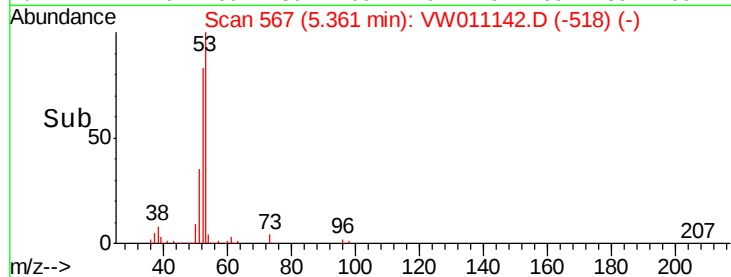
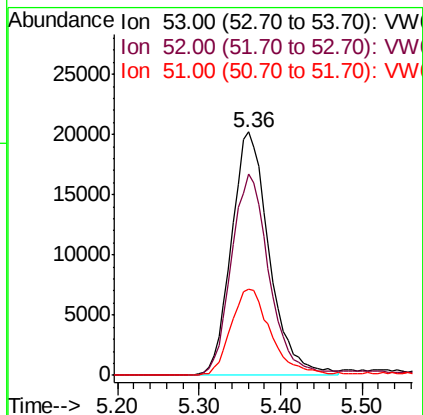
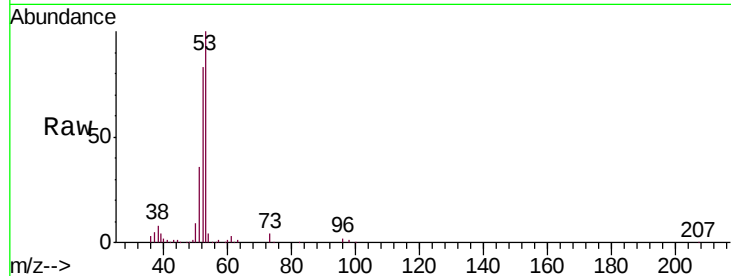
Tgt Ion: 53 Resp: 64985

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 37.2 29.8 44.6



#16

Acetone

Concen: 91.111 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011142.D

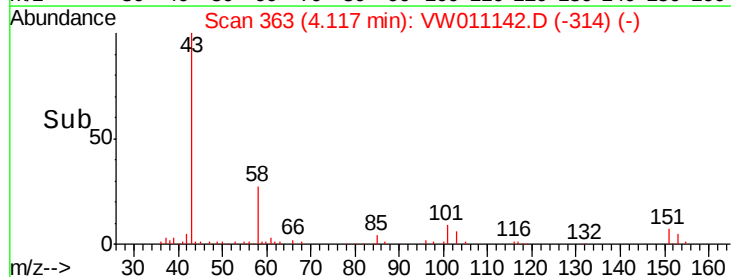
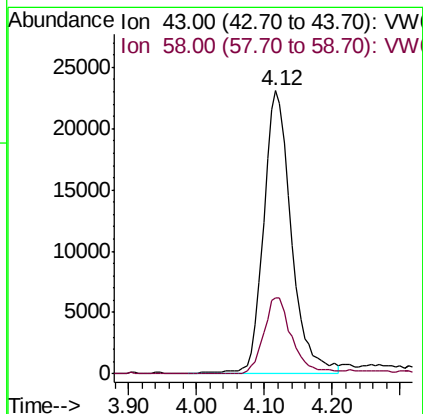
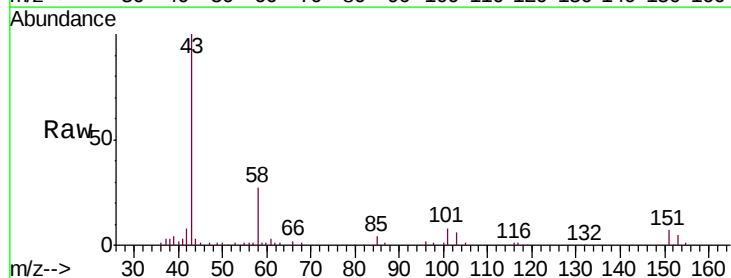
Acq: 03 Jul 2019 16:18

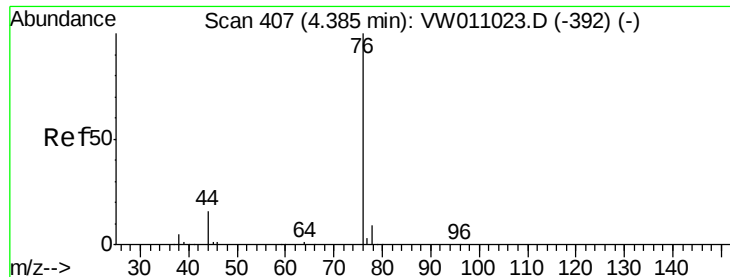
Tgt Ion: 43 Resp: 65168

Ion Ratio Lower Upper

43 100

58 27.0 22.5 33.7

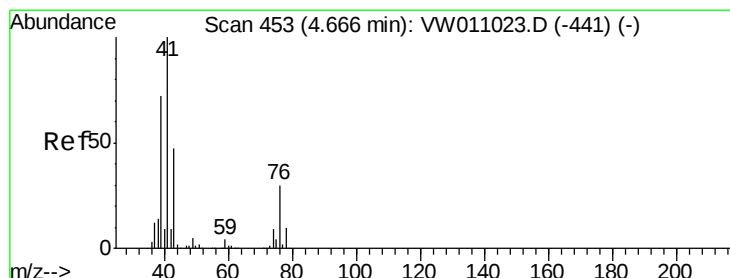
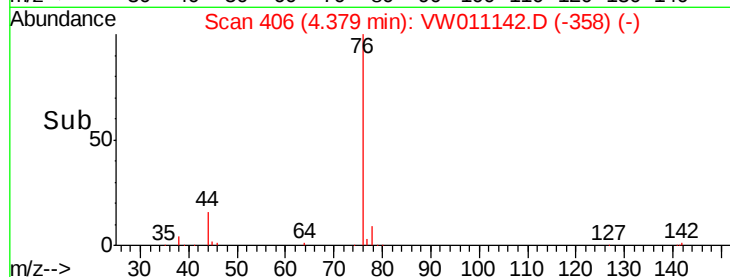
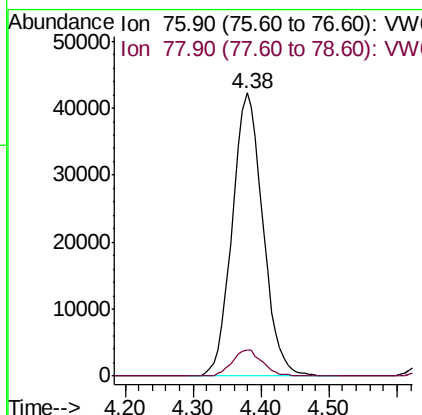
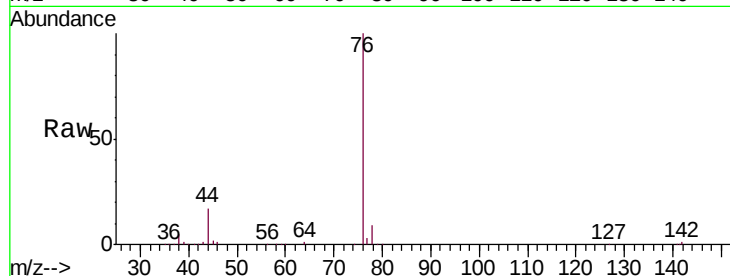




#17
Carbon Disulfide
Concen: 18.384 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

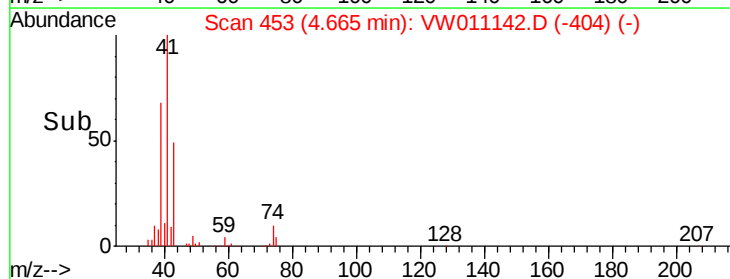
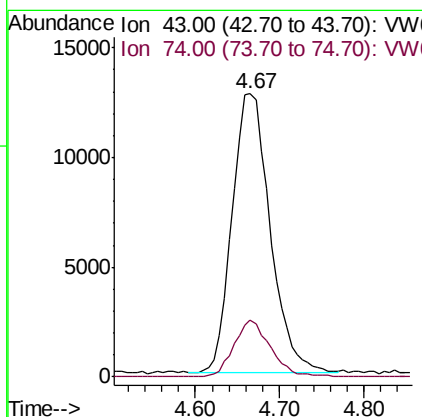
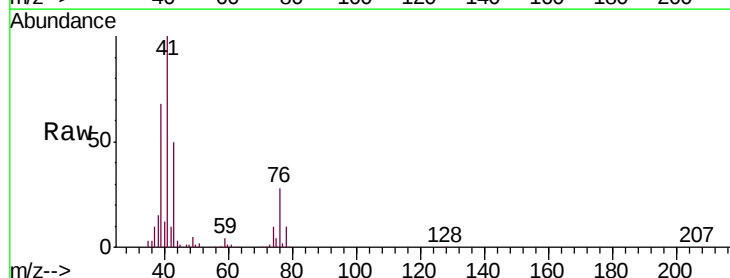
Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

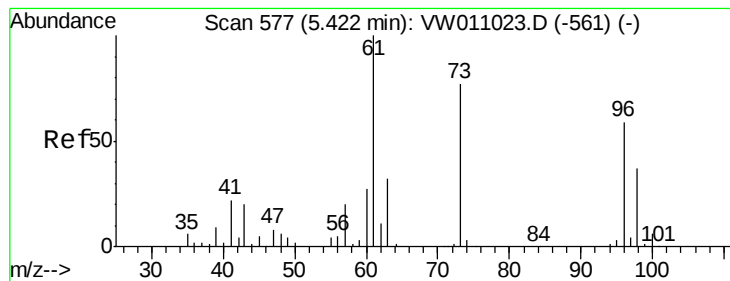
Tgt Ion: 76 Resp: 132334
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 20.983 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion: 43 Resp: 38877
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.8



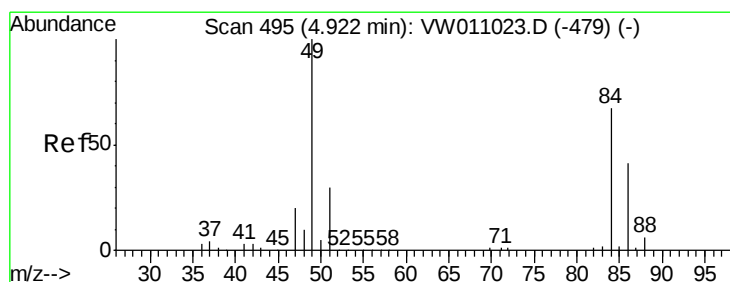
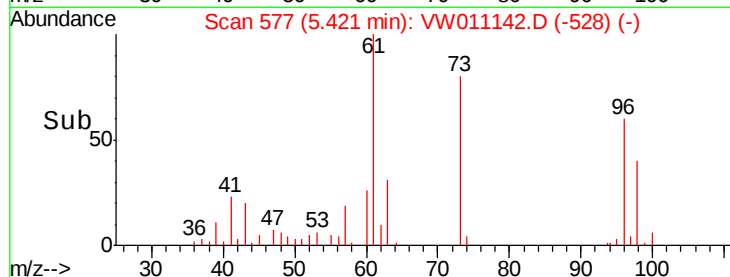
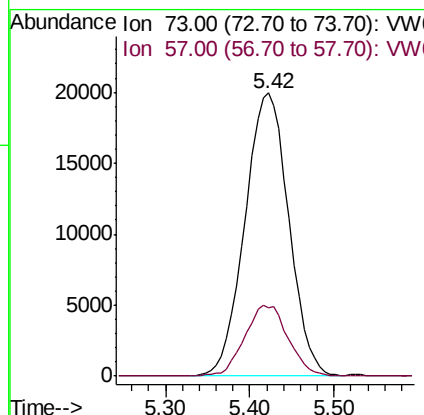
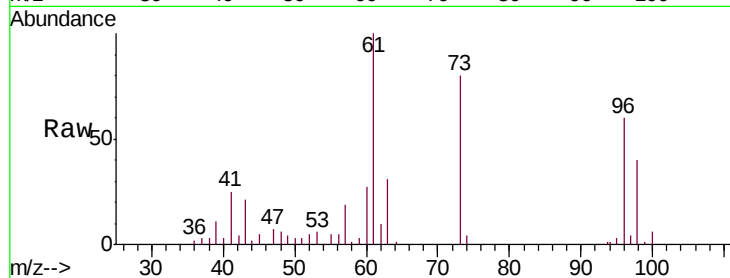


#19

Methyl tert-butyl Ether
 Concen: 19.697 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

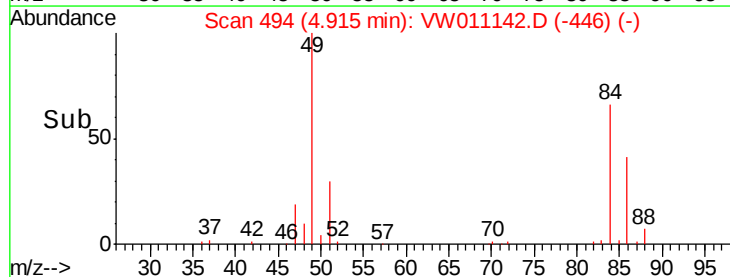
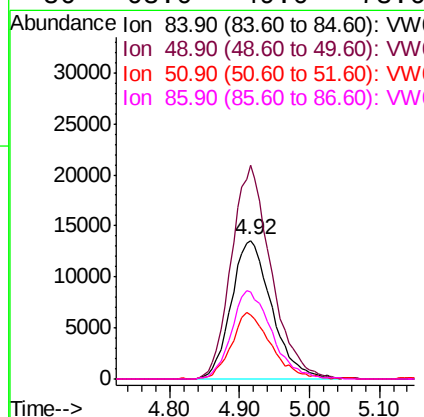
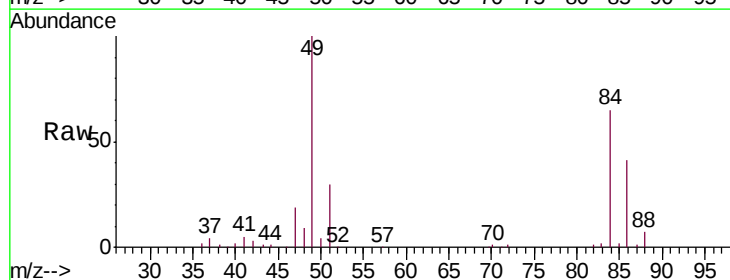
Tgt Ion: 73 Resp: 70736
 Ion Ratio Lower Upper
 73 100
 57 24.2 20.8 31.2

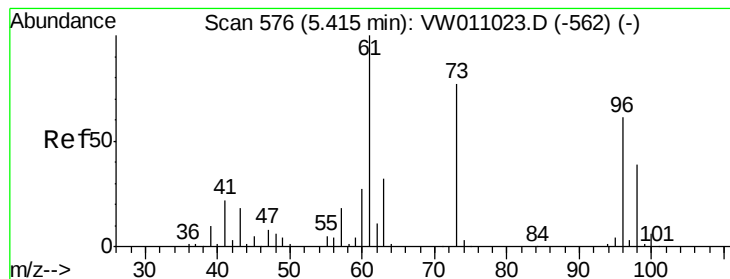


#20

Methylene Chloride
 Concen: 18.770 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 84 Resp: 54546
 Ion Ratio Lower Upper
 84 100
 49 153.9 119.6 179.4
 51 45.8 35.6 53.4
 86 63.0 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 18.816 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

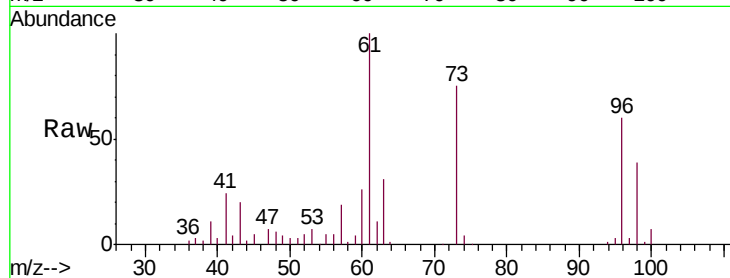
Tgt Ion: 96 Resp: 49195

Ion Ratio Lower Upper

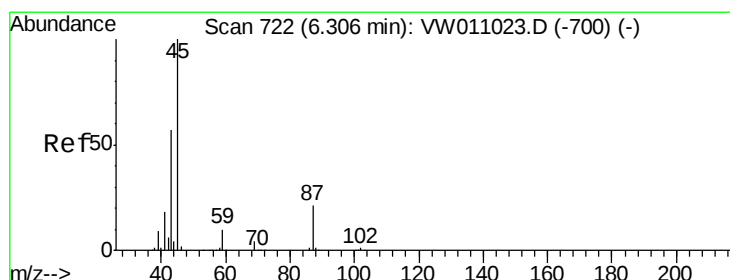
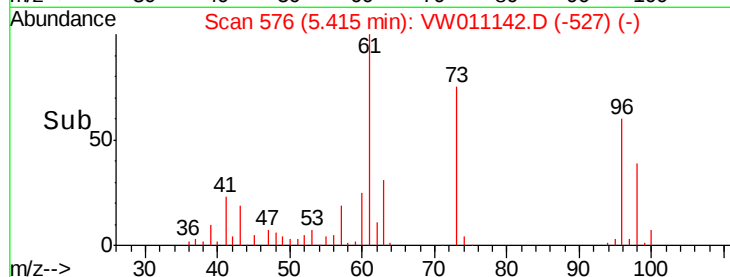
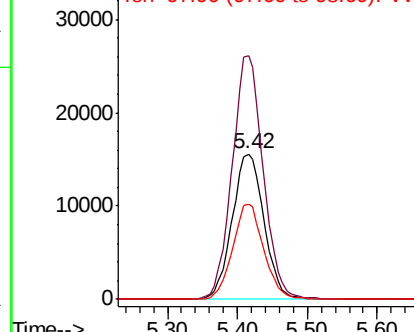
96 100

61 167.7 131.0 196.4

98 65.1 50.8 76.2



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



#22

Diisopropyl ether

Concen: 19.421 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Tgt Ion: 45 Resp: 190859

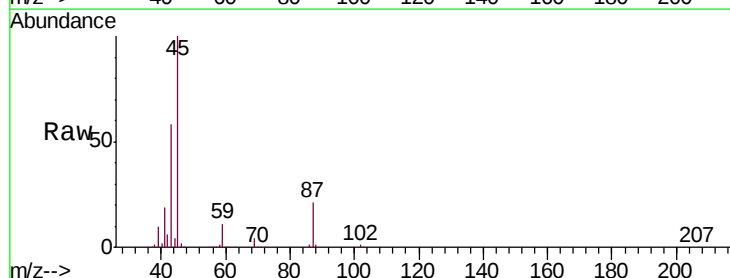
Ion Ratio Lower Upper

45 100

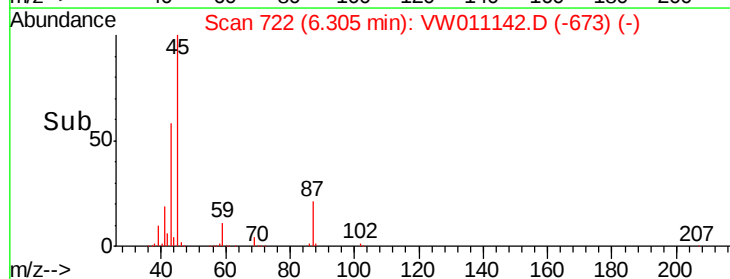
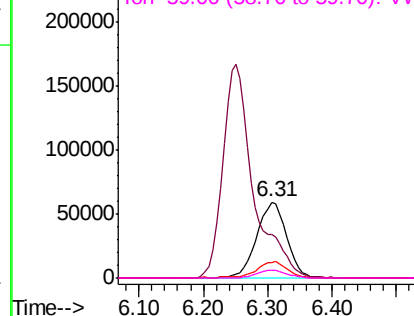
43 57.3 45.8 68.6

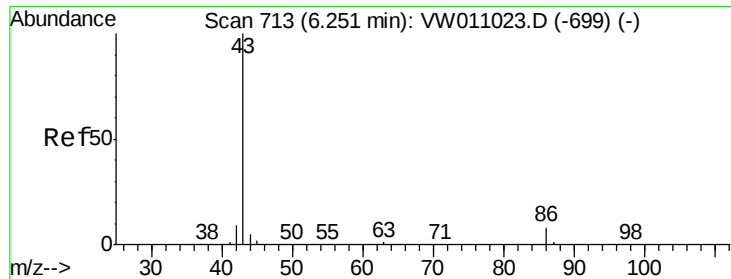
87 21.0 17.1 25.7

59 10.4 8.2 12.4



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: 91.987 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

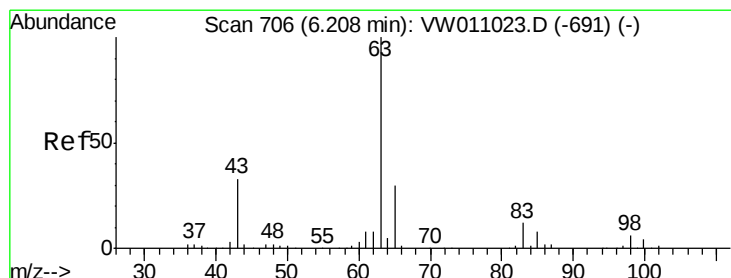
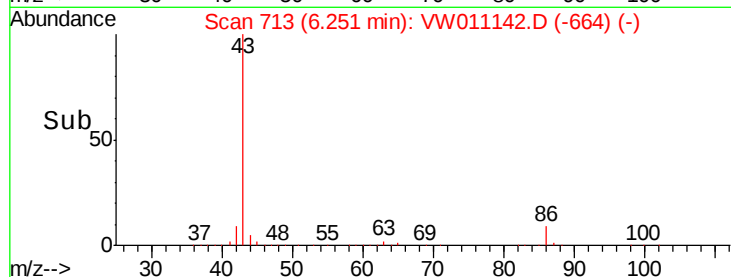
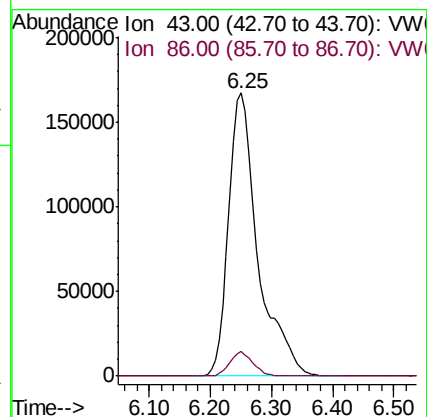
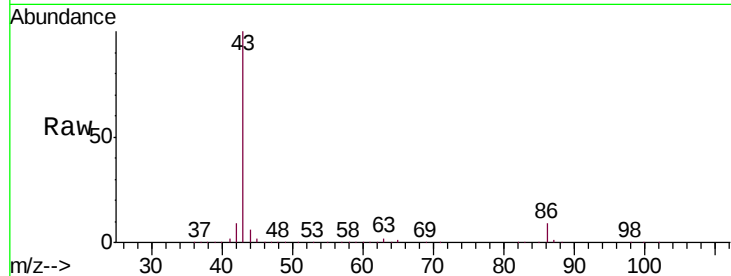
VW0704SBSD01

Tgt Ion: 43 Resp: 556996

Ion Ratio Lower Upper

43 100

86 8.7 6.6 10.0



#24

1,1-Dichloroethane

Concen: 19.041 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

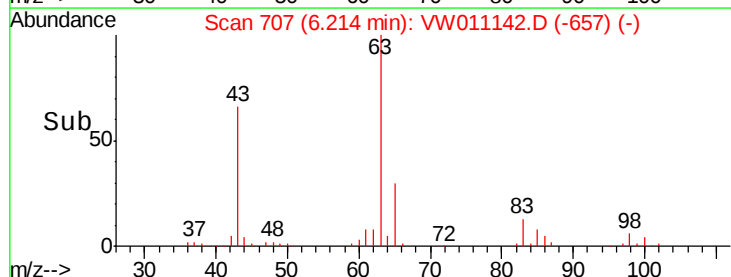
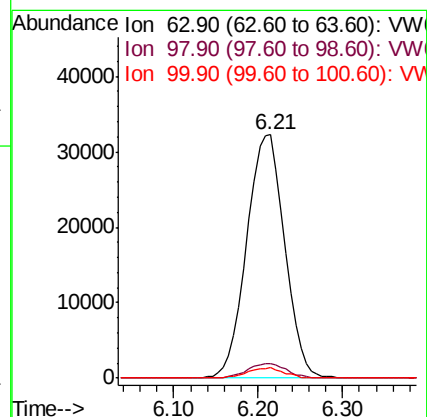
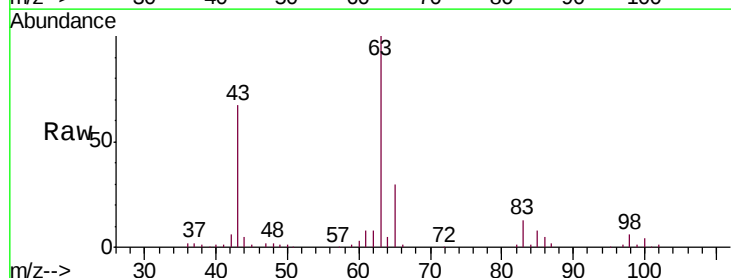
Tgt Ion: 63 Resp: 98772

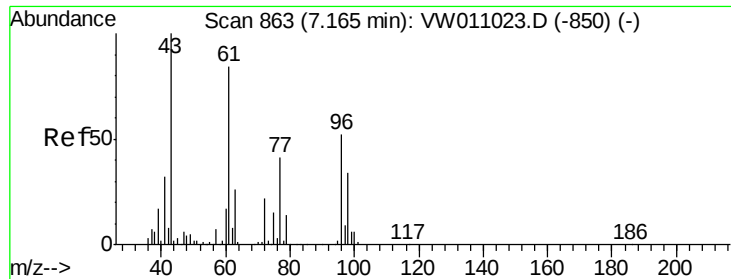
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 89.502 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

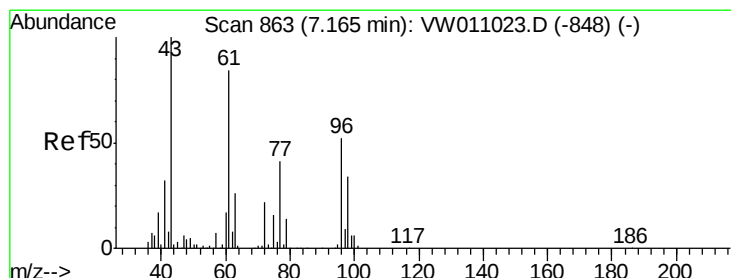
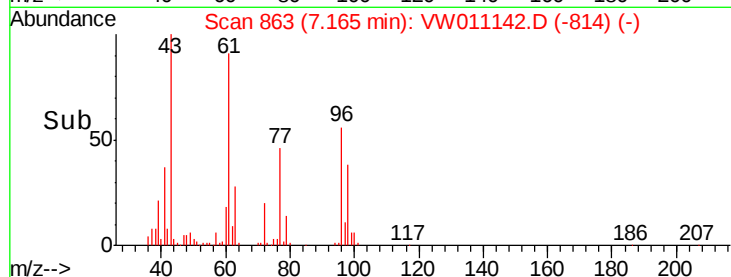
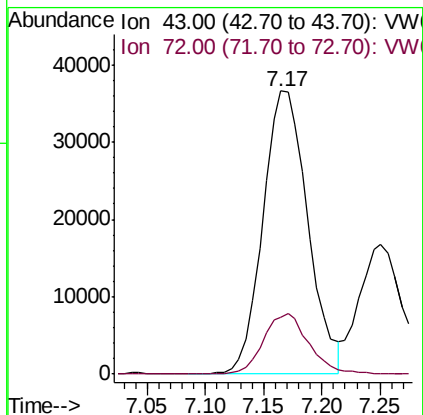
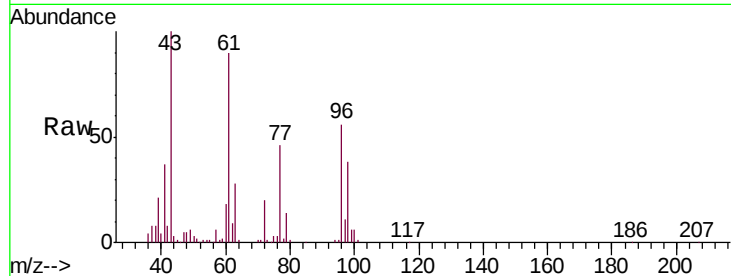
VW0704SBSD01

Tgt Ion: 43 Resp: 97308

Ion Ratio Lower Upper

43 100

72 20.2 17.2 25.8



#26

2,2-Dichloropropane

Concen: 18.223 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011142.D

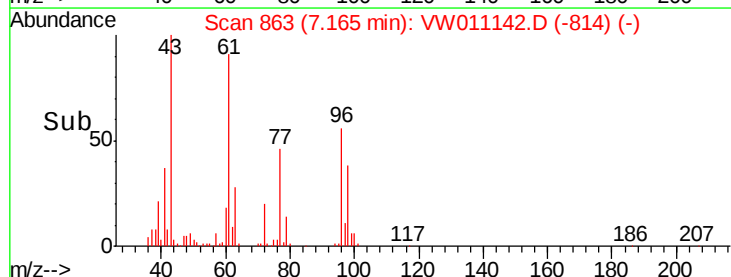
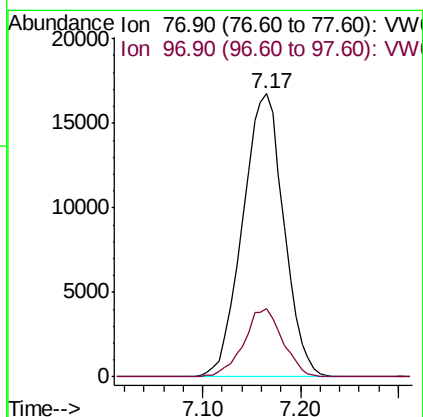
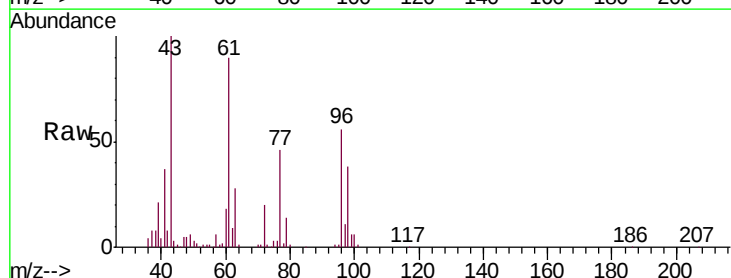
Acq: 03 Jul 2019 16:18

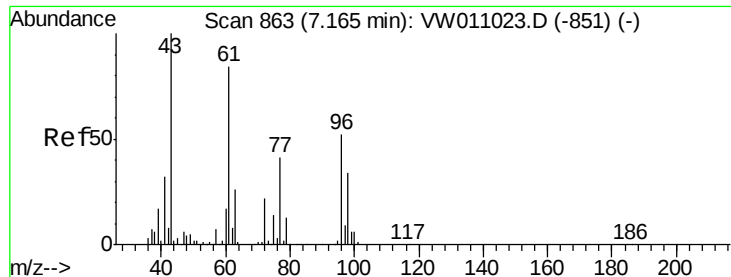
Tgt Ion: 77 Resp: 49081

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.7



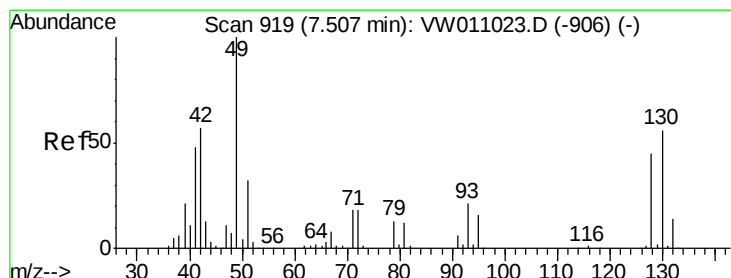
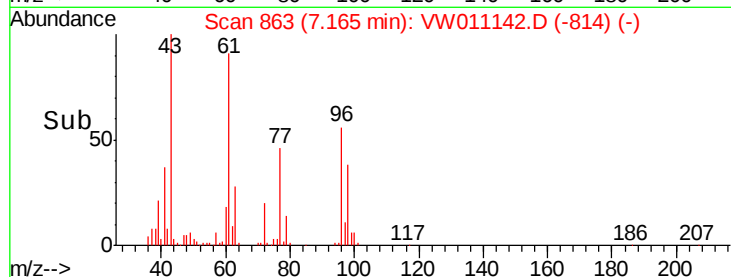
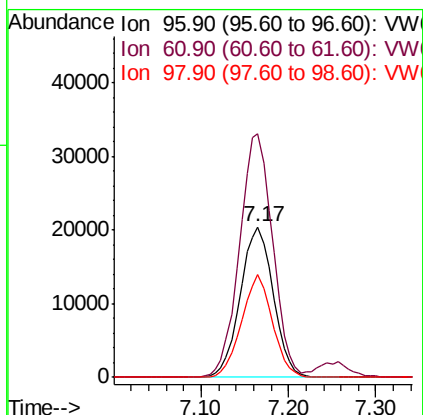
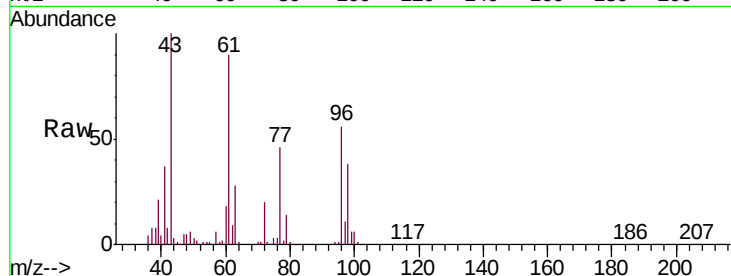


#27

cis-1,2-Dichloroethene
Concen: 19.010 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Instrument :
MSVOA_W
ClientSampled :
VW0704SBSD01

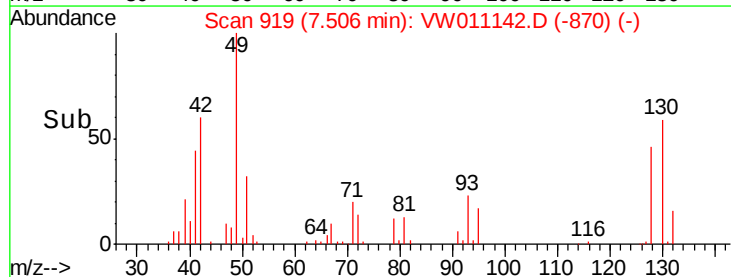
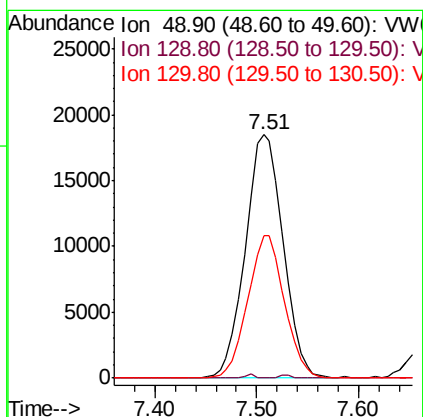
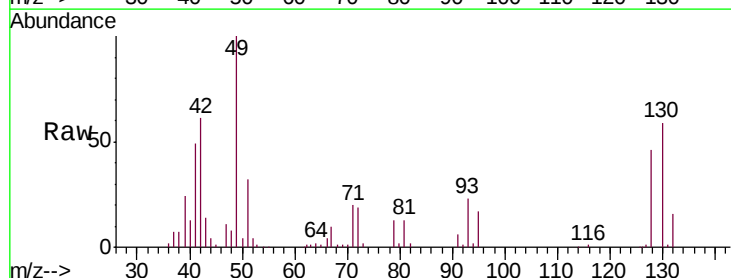
Tgt Ion: 96 Resp: 53516
Ion Ratio Lower Upper
96 100
61 162.5 0.0 330.4
98 63.9 0.0 129.4

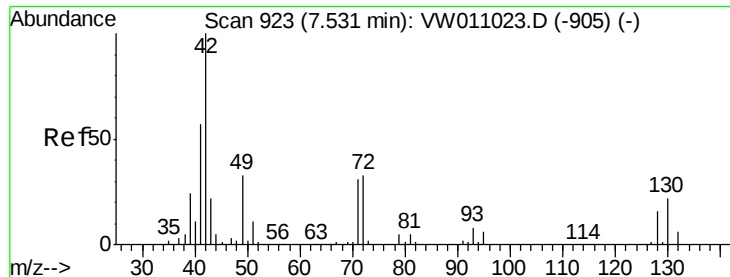


#28

Bromochloromethane
Concen: 19.692 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion: 49 Resp: 47552
Ion Ratio Lower Upper
49 100
129 0.4 0.0 3.4
130 56.8 46.1 69.1





#29

Tetrahydrofuran

Concen: 94.911 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

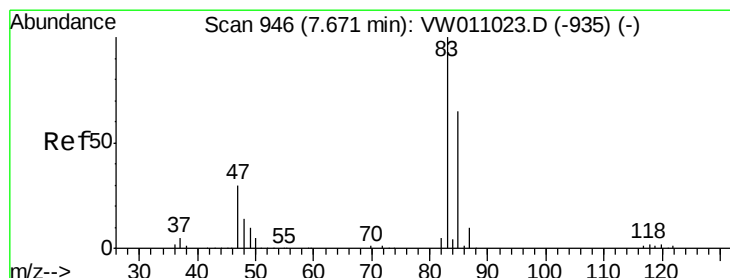
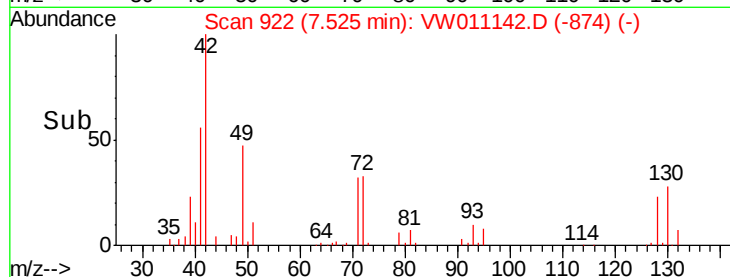
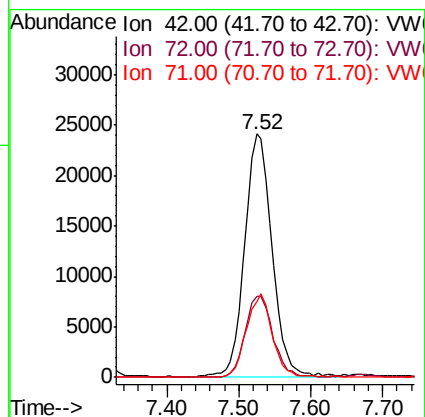
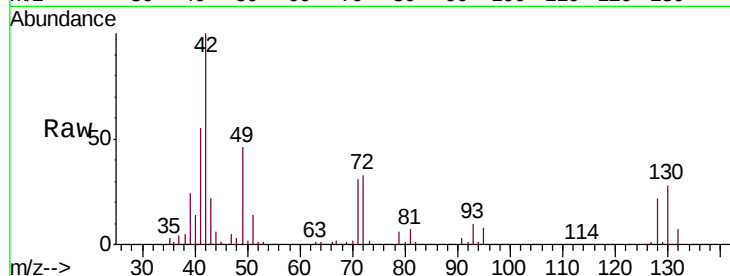
Tgt Ion: 42 Resp: 64236

Ion Ratio Lower Upper

42 100

72 33.7 27.4 41.0

71 32.6 25.6 38.4



#30

Chloroform

Concen: 19.372 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW011142.D

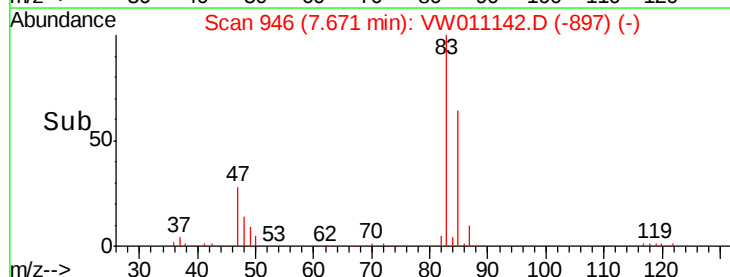
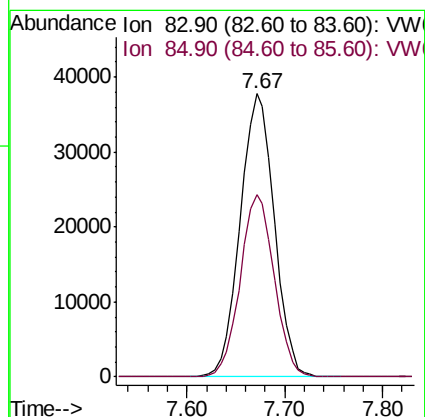
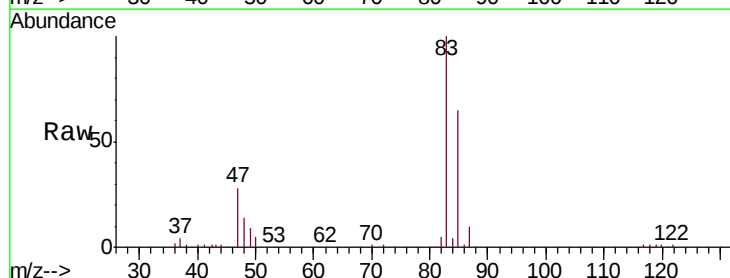
Acq: 03 Jul 2019 16:18

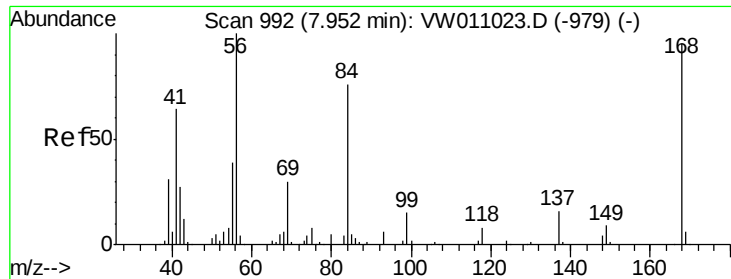
Tgt Ion: 83 Resp: 91294

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

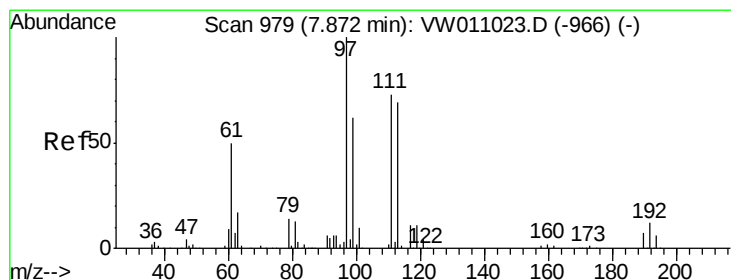
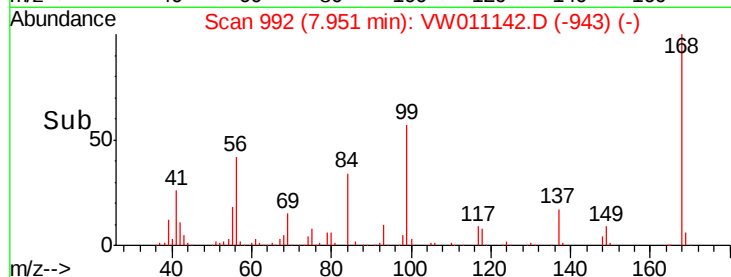
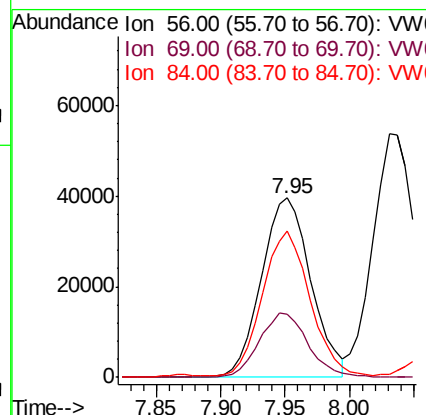
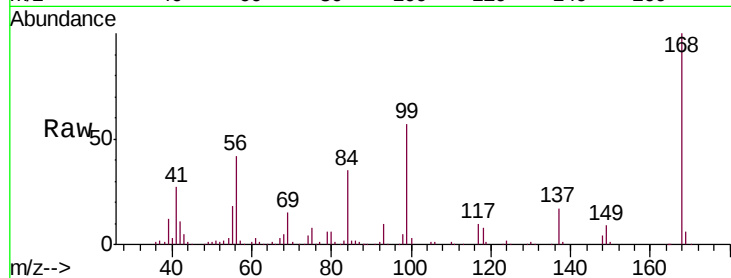




#31
Cyclohexane
Concen: 18.851 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

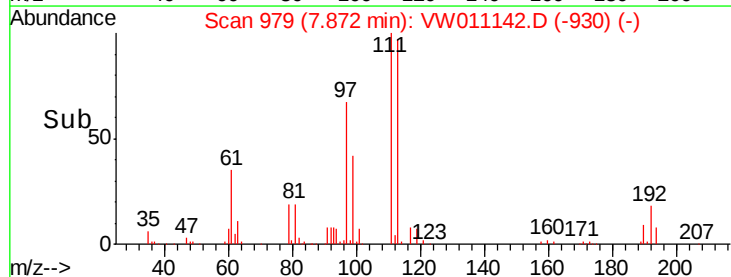
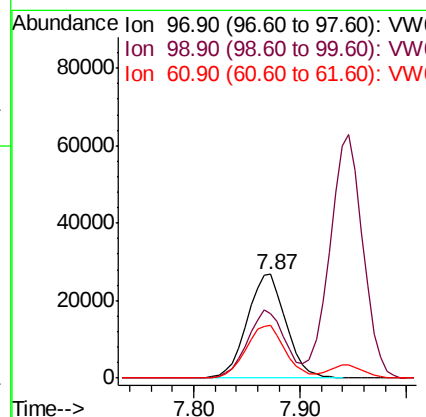
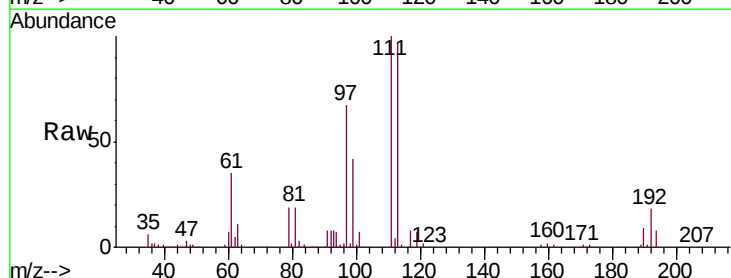
Instrument :
MSVOA_W
ClientSampled :
VW0704SBSD01

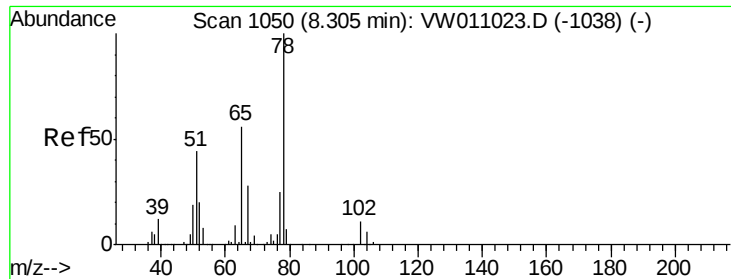
Tgt Ion: 56 Resp: 105660
Ion Ratio Lower Upper
56 100
69 35.2 24.2 36.2
84 81.0 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 19.330 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion: 97 Resp: 68071
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 51.8 41.4 62.2

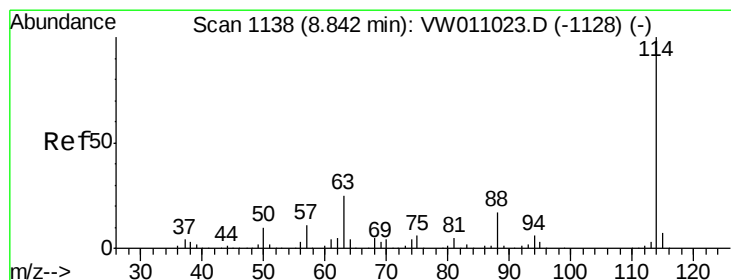
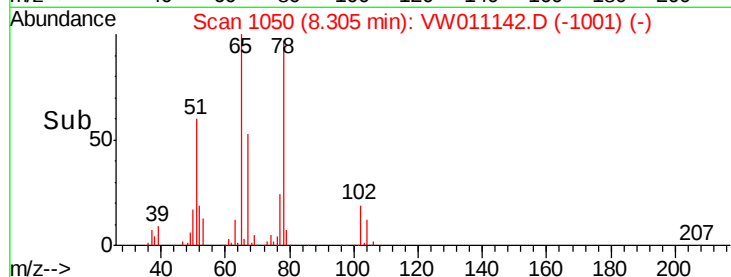
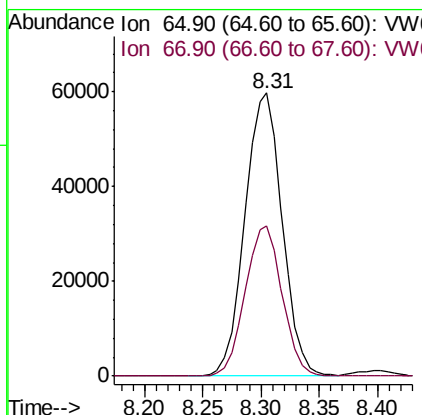
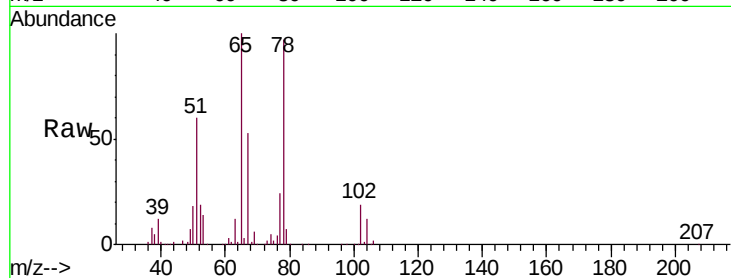




#33
 1,2-Dichloroethane-d4
 Concen: 45.513 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

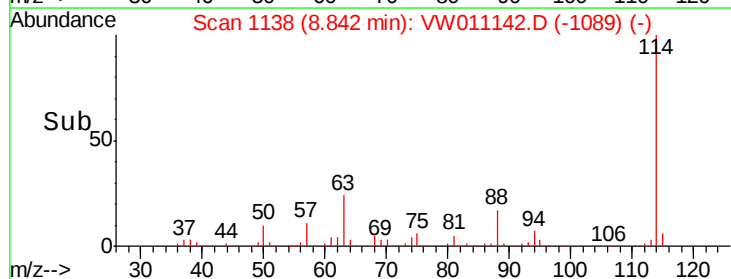
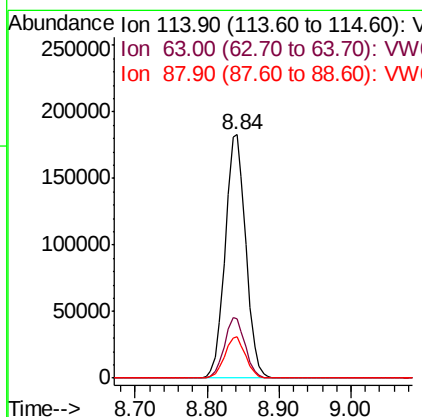
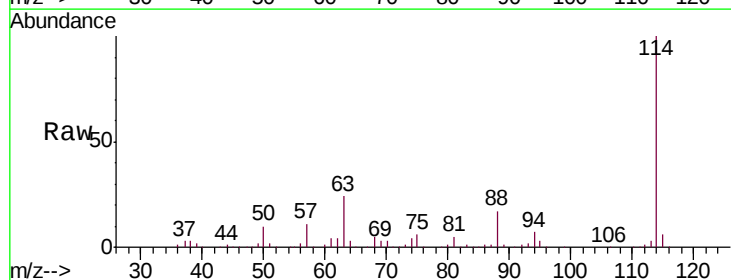
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

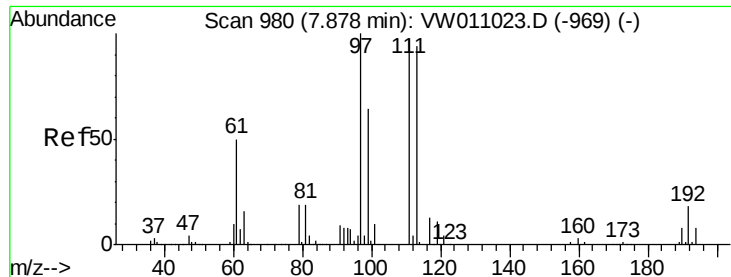
Tgt Ion: 65 Resp: 133364
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 114 Resp: 364897
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.6
 88 16.9 0.0 34.0

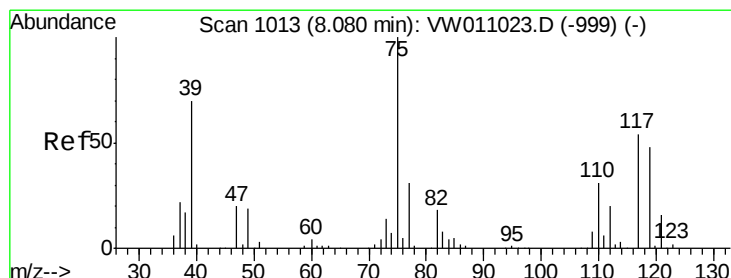
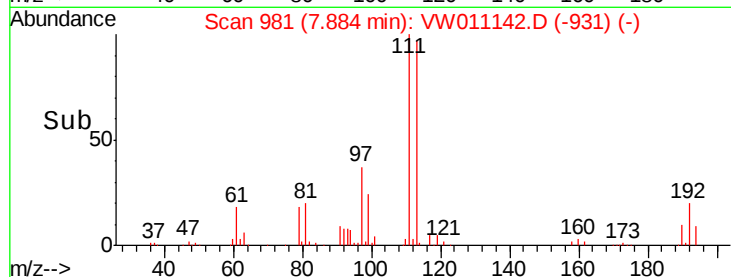
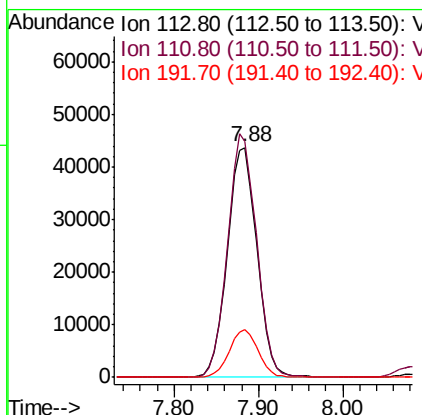
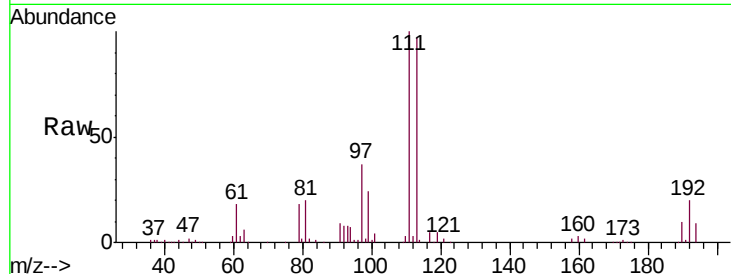




#35
 Dibromofluoromethane
 Concen: 46.811 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

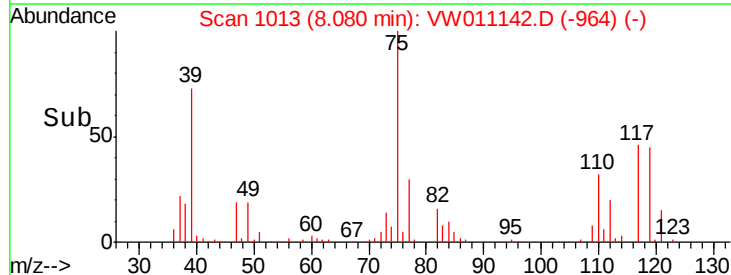
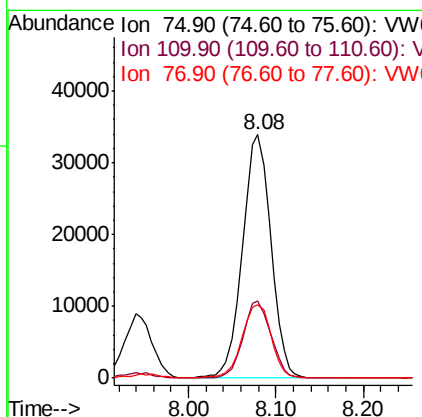
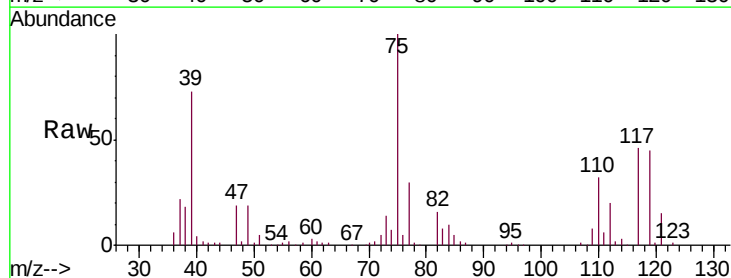
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

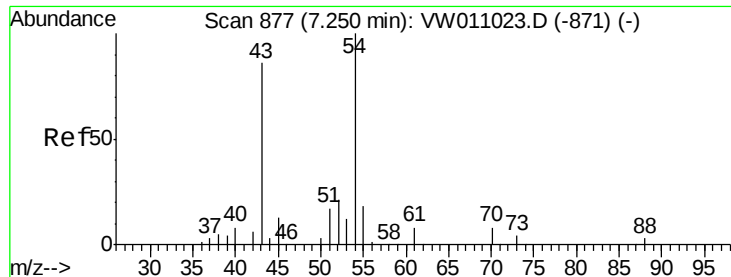
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	20.2	16.0	24.0



#36
 1,1-Dichloropropene
 Concen: 19.621 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.9	15.5	46.5
77	30.9	24.9	37.3

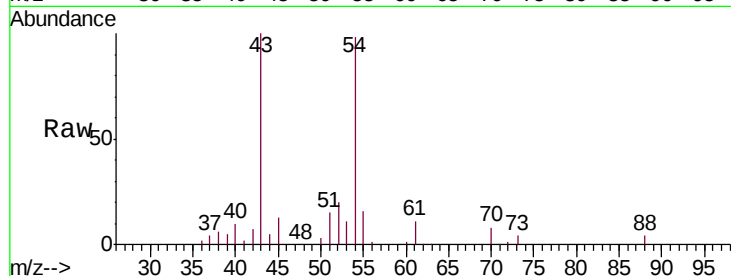




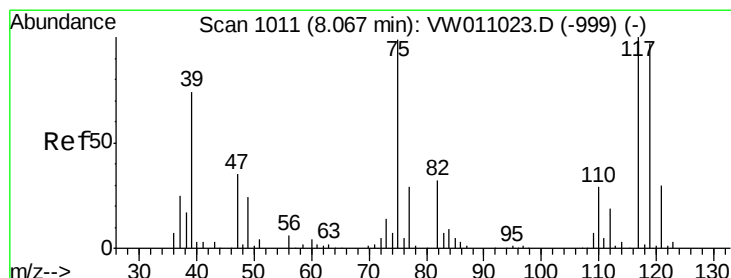
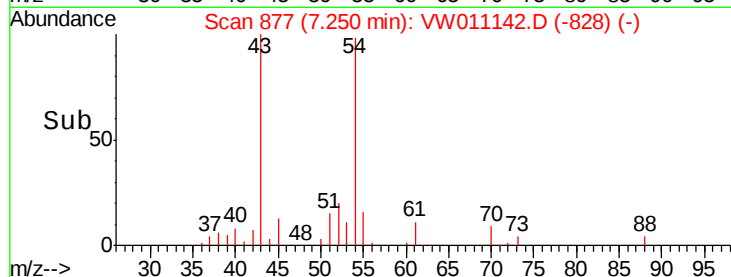
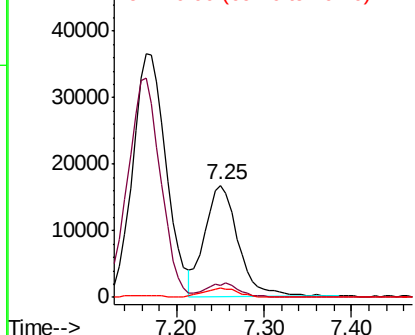
#37
Ethyl Acetate
Concen: 19.395 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

Tgt Ion: 43 Resp: 44252
Ion Ratio Lower Upper
43 100
61 12.1 9.0 13.4
70 8.7 7.2 10.8

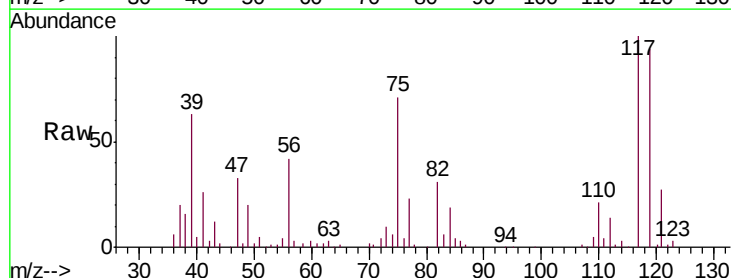


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

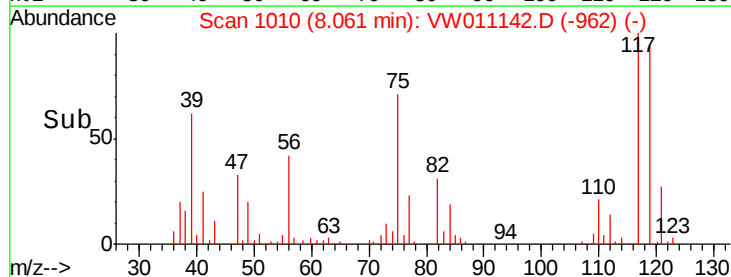
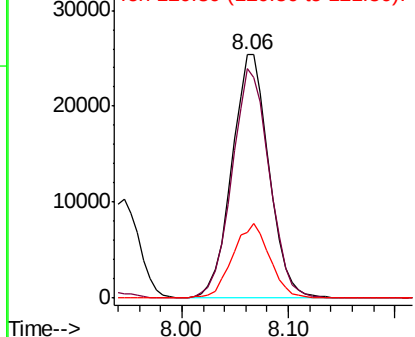


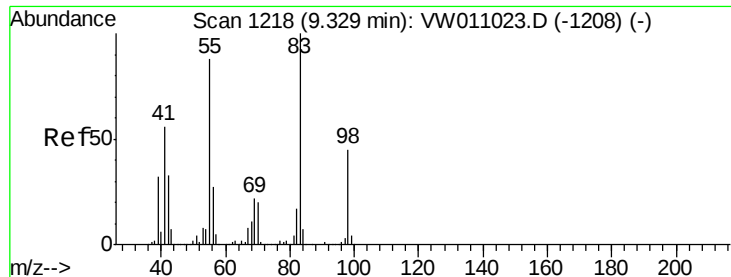
#38
Carbon Tetrachloride
Concen: 19.236 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion: 117 Resp: 62129
Ion Ratio Lower Upper
117 100
119 94.4 77.7 116.5
121 27.1 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

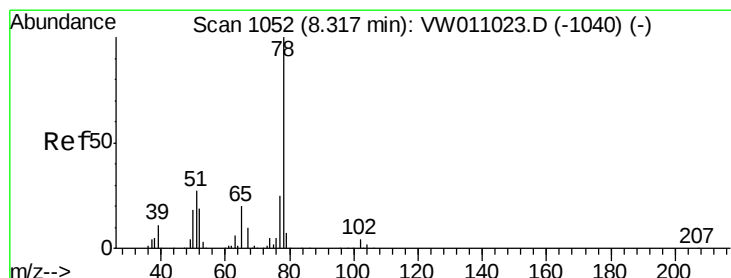
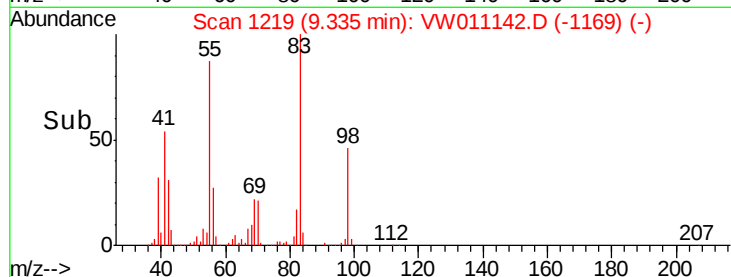
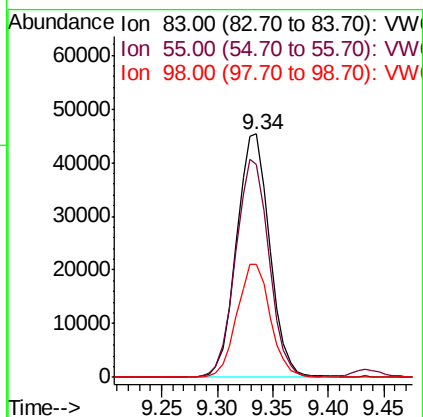
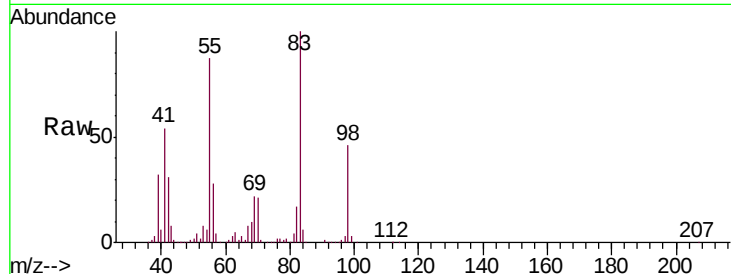




#39
Methylcyclohexane
Concen: 19.463 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

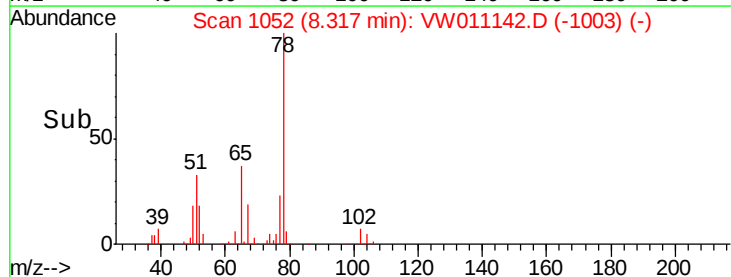
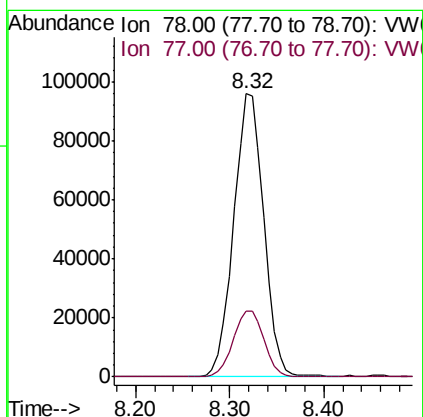
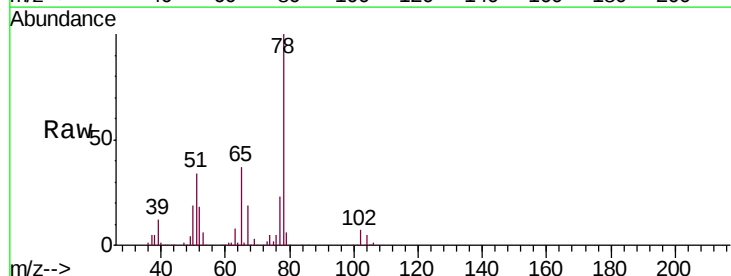
Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

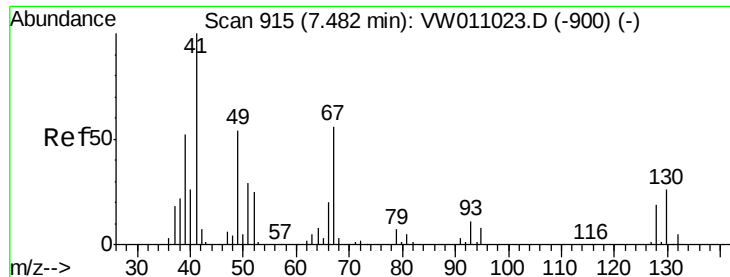
Tgt Ion: 83 Resp: 93941
Ion Ratio Lower Upper
83 100
55 87.4 70.7 106.1
98 46.2 36.4 54.6



#40
Benzene
Concen: 19.791 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion: 78 Resp: 213486
Ion Ratio Lower Upper
78 100
77 23.4 19.7 29.5





#41

Methacrylonitrile

Concen: 16.181 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

Tgt Ion: 41 Resp: 22462

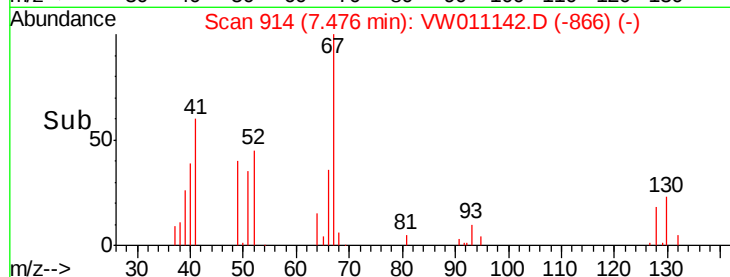
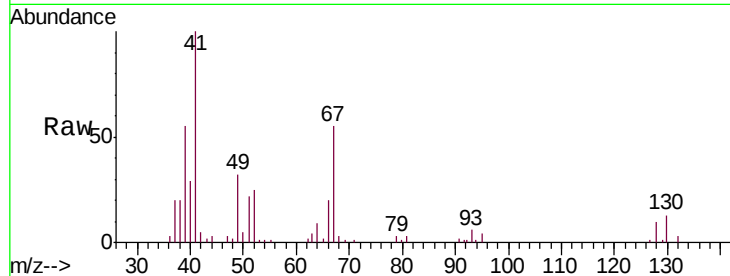
Ion Ratio Lower Upper

41 100

39 62.3 42.1 63.1

67 69.4 44.2 66.2#

52 30.1 21.0 31.6

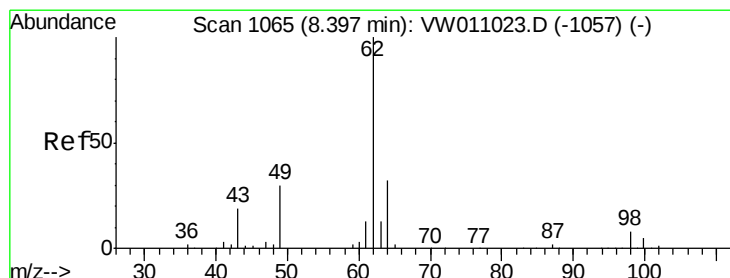
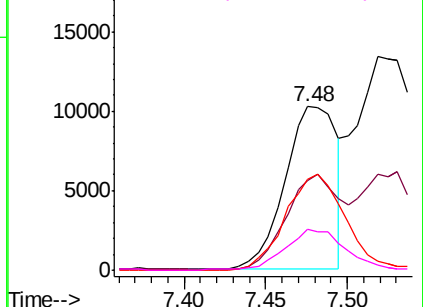


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.412 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011142.D

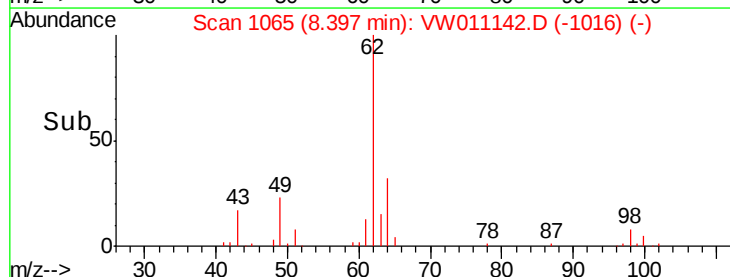
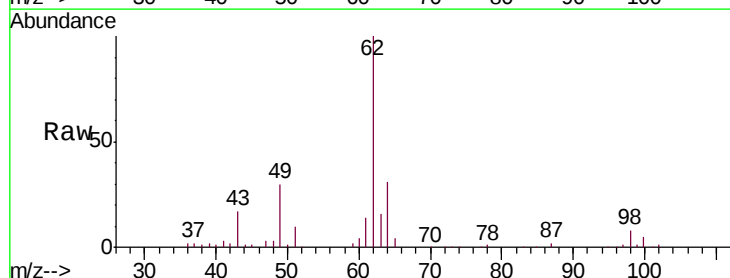
Acq: 03 Jul 2019 16:18

Tgt Ion: 62 Resp: 68660

Ion Ratio Lower Upper

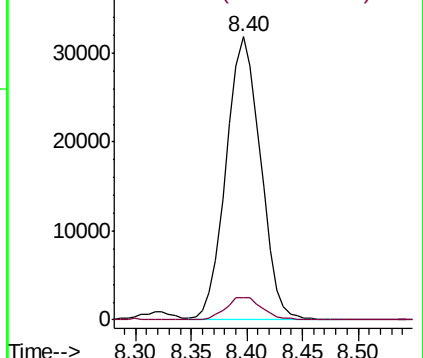
62 100

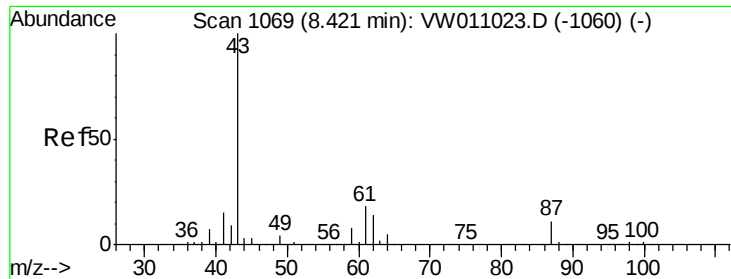
98 8.3 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.544 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

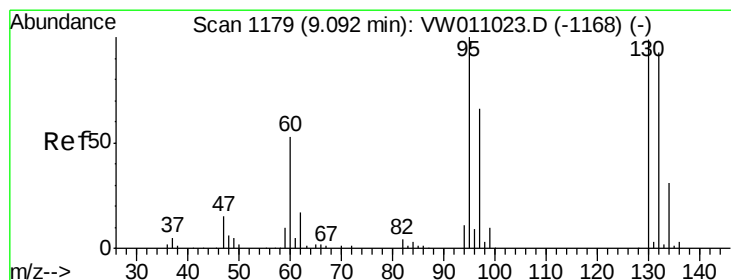
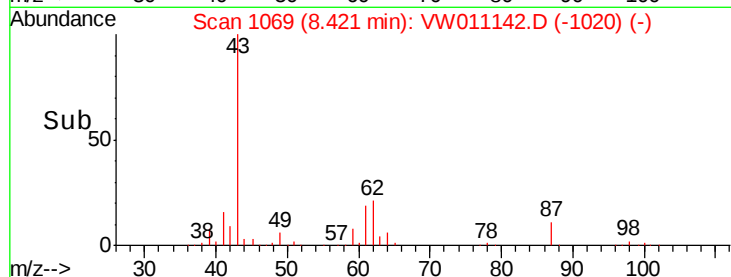
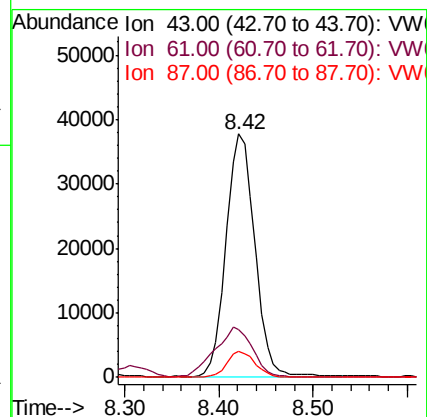
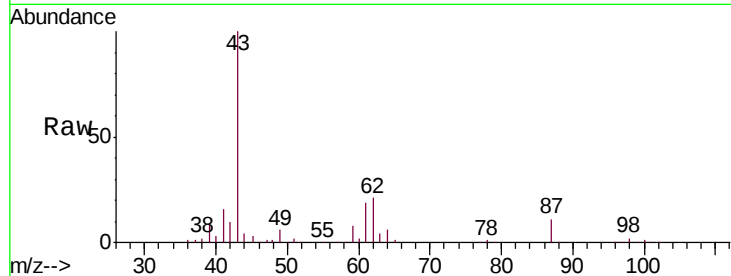
Tgt Ion: 43 Resp: 80041

Ion Ratio Lower Upper

43 100

61 27.1 21.0 31.6

87 10.6 8.2 12.4



#44

Trichloroethene

Concen: 19.479 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011142.D

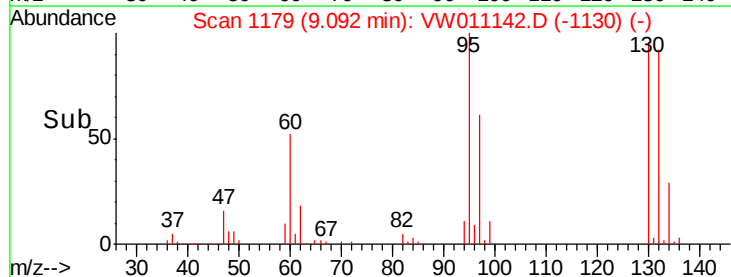
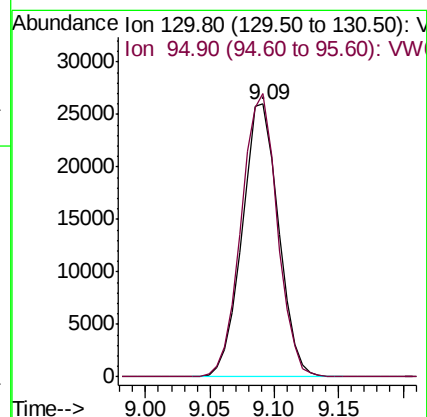
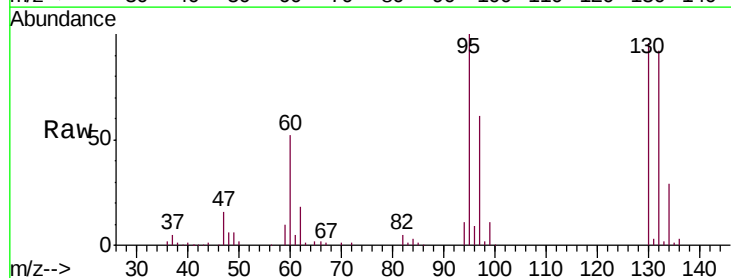
Acq: 03 Jul 2019 16:18

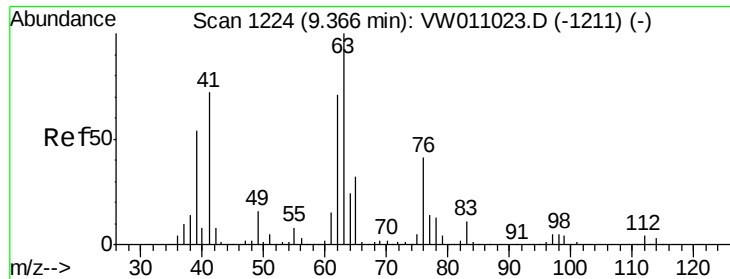
Tgt Ion: 130 Resp: 50781

Ion Ratio Lower Upper

130 100

95 103.8 0.0 202.0

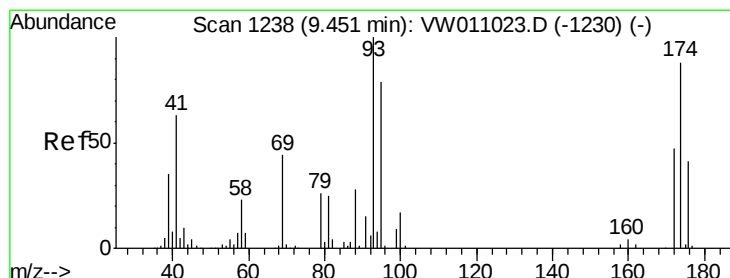
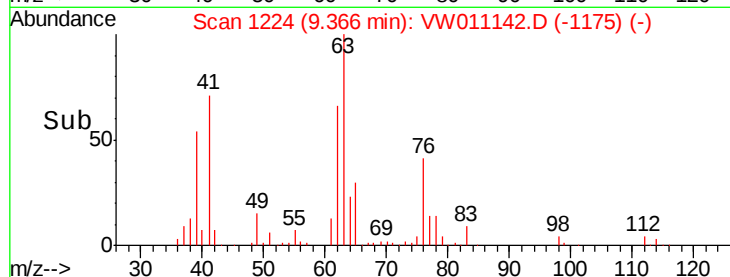
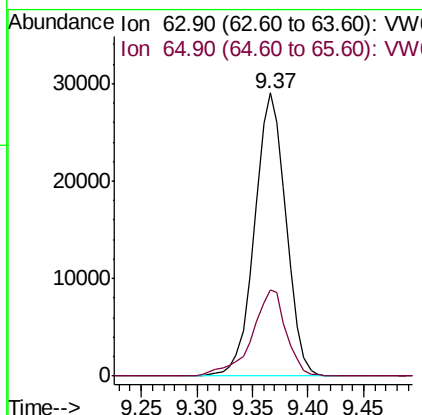
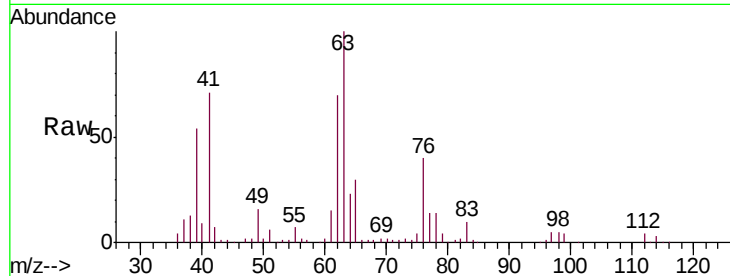




#45
 1,2-Dichloropropane
 Concen: 19.434 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

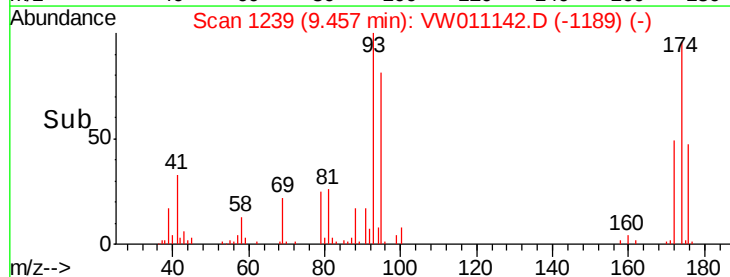
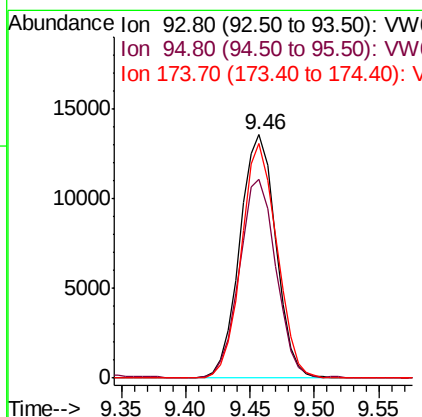
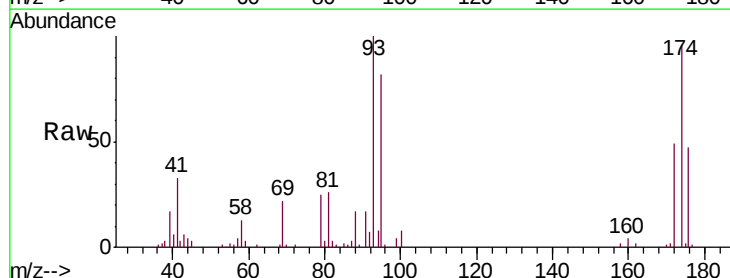
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

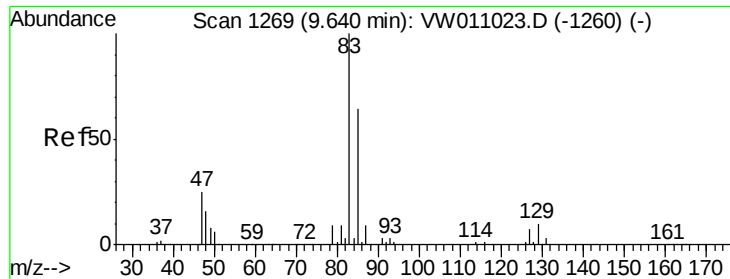
Tgt Ion: 63 Resp: 56929
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.6 38.4



#46
 Dibromomethane
 Concen: 19.174 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 93 Resp: 26269
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.6
 174 94.8 75.4 113.0





#47

Bromodichloromethane

Concen: 18.953 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

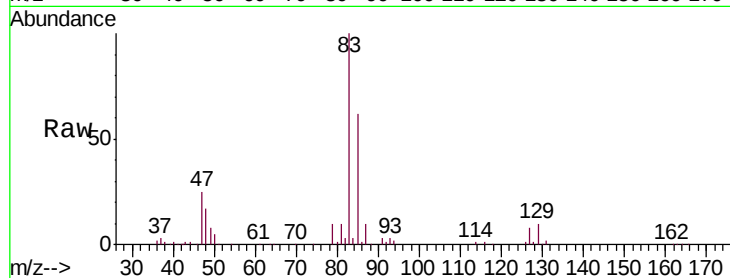
Tgt Ion: 83 Resp: 64288

Ion Ratio Lower Upper

83 100

85 62.5 51.0 76.4

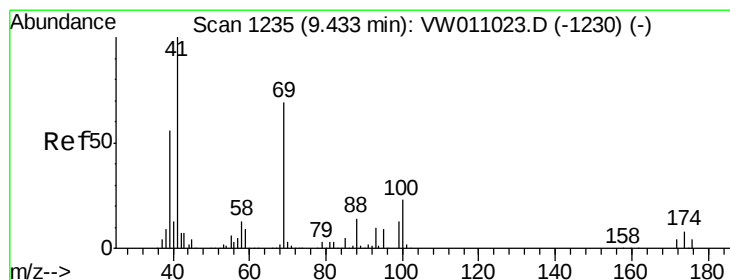
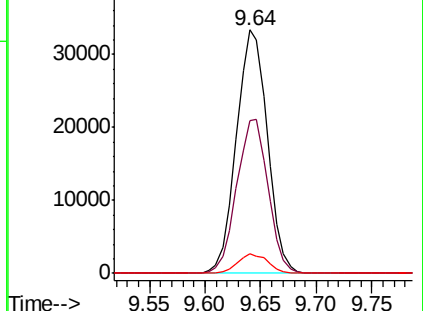
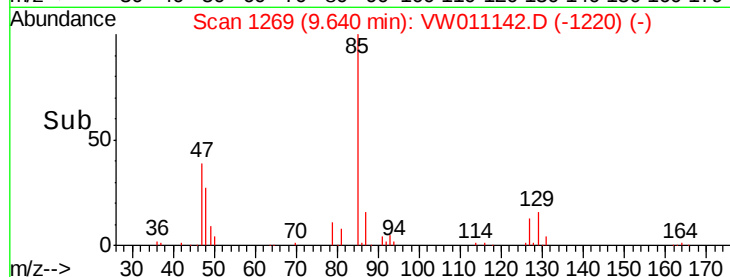
127 8.1 5.8 8.8



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): VW



#48

Methyl methacrylate

Concen: 18.812 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

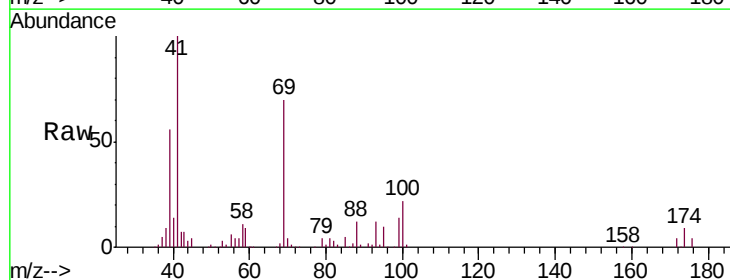
Tgt Ion: 41 Resp: 39370

Ion Ratio Lower Upper

41 100

69 71.3 56.7 85.1

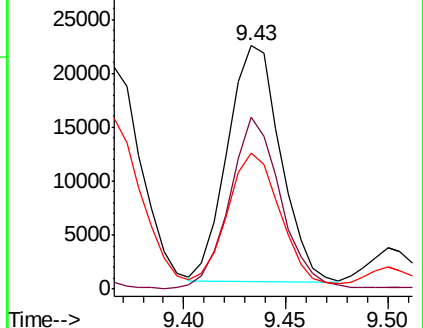
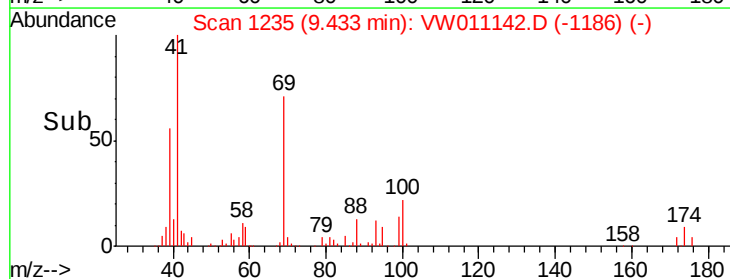
39 59.1 45.0 67.6

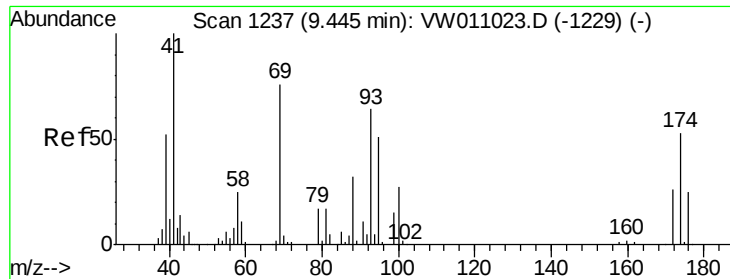


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 365.965 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

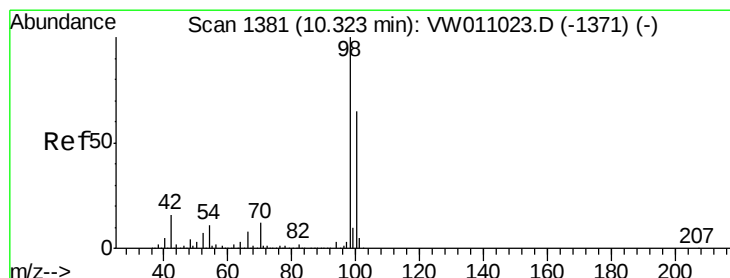
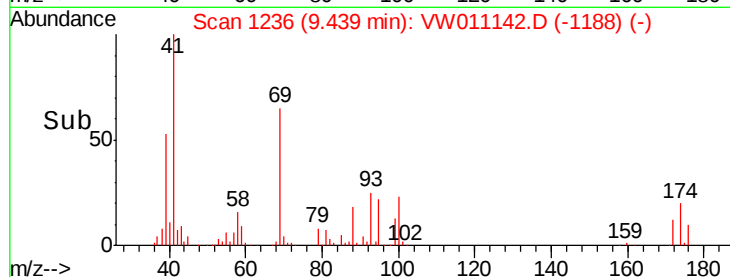
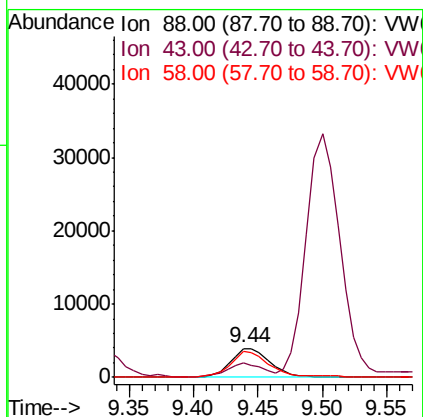
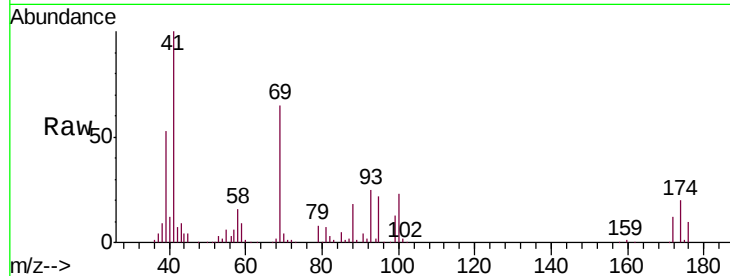
Tgt Ion: 88 Resp: 8430

Ion Ratio Lower Upper

88 100

43 42.2 34.4 51.6

58 85.4 65.2 97.8



#50

Toluene-d8

Concen: 47.078 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011142.D

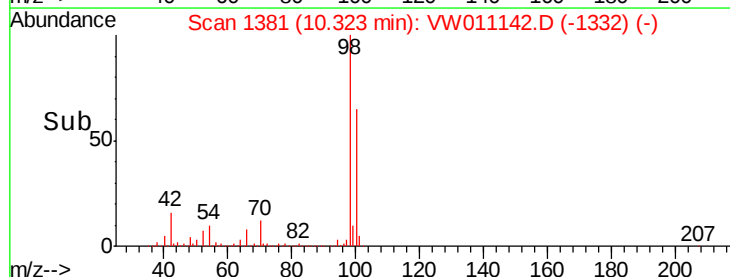
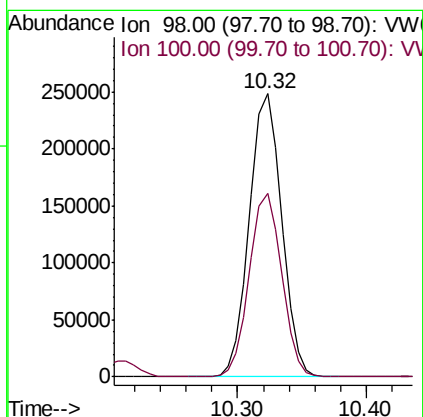
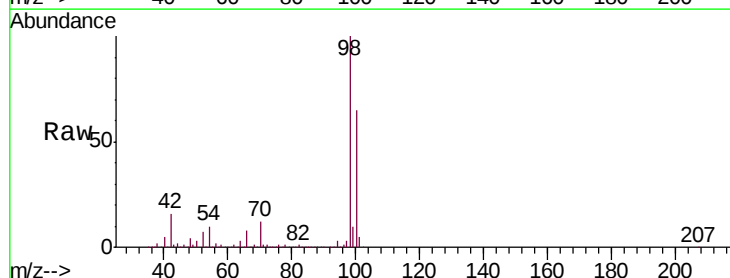
Acq: 03 Jul 2019 16:18

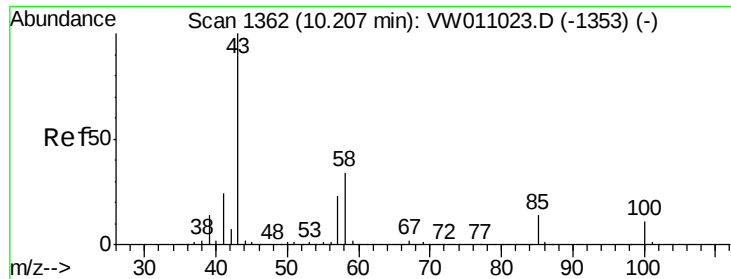
Tgt Ion: 98 Resp: 431794

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 93.413 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

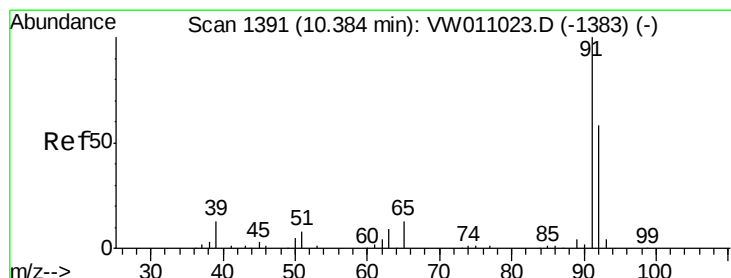
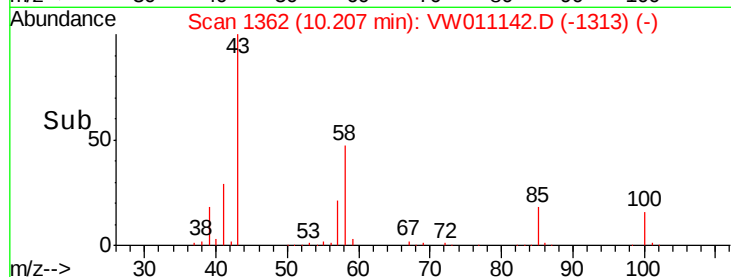
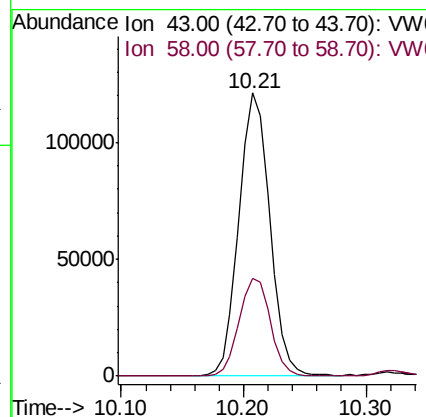
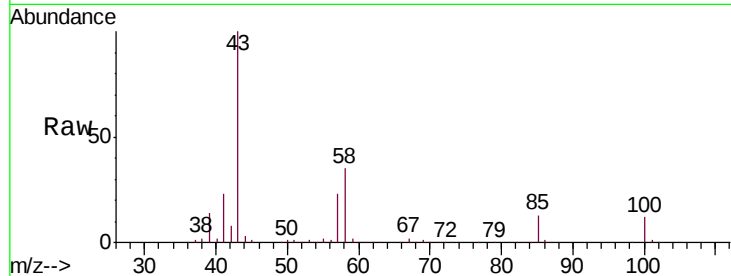
VW0704SBSD01

Tgt Ion: 43 Resp: 212234

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.6



#52

Toluene

Concen: 19.413 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011142.D

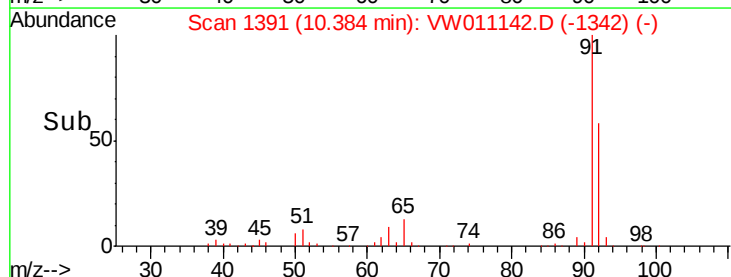
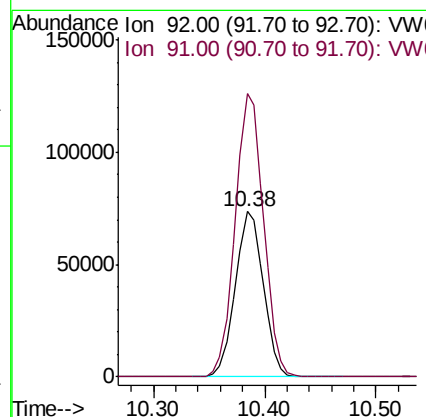
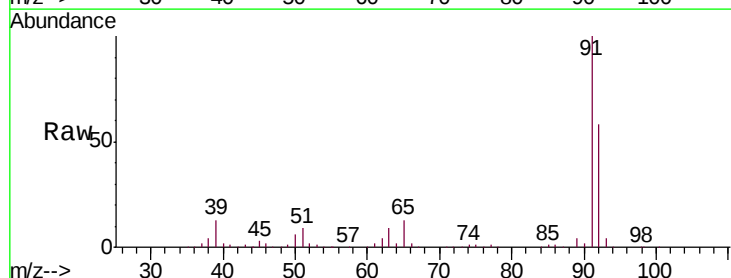
Acq: 03 Jul 2019 16:18

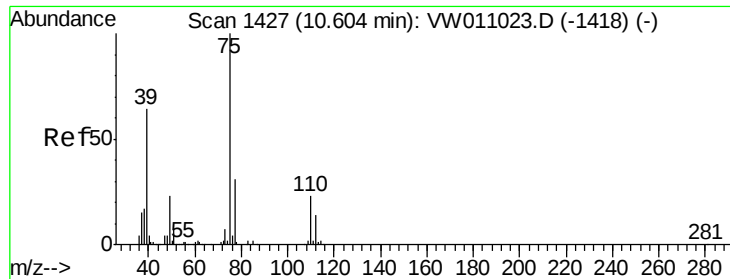
Tgt Ion: 92 Resp: 128205

Ion Ratio Lower Upper

92 100

91 173.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.869 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

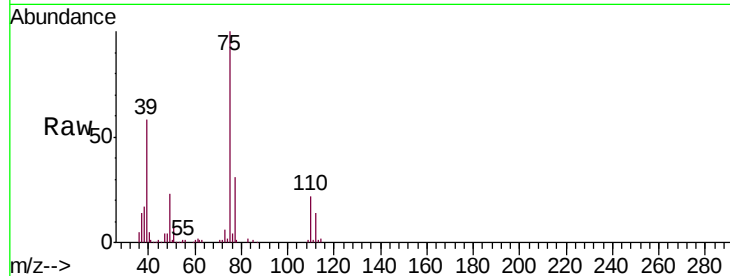
VW0704SBSD01

Tgt Ion: 75 Resp: 66665

Ion Ratio Lower Upper

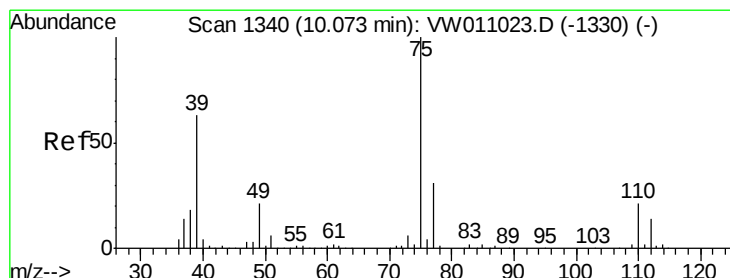
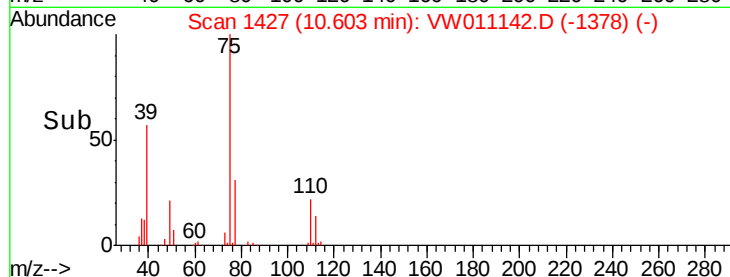
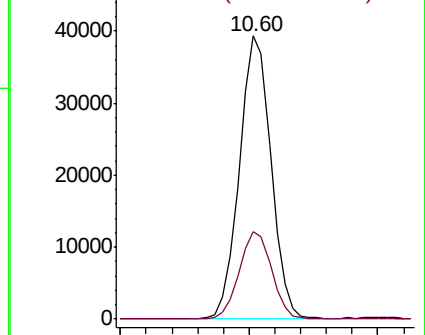
75 100

77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 18.963 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

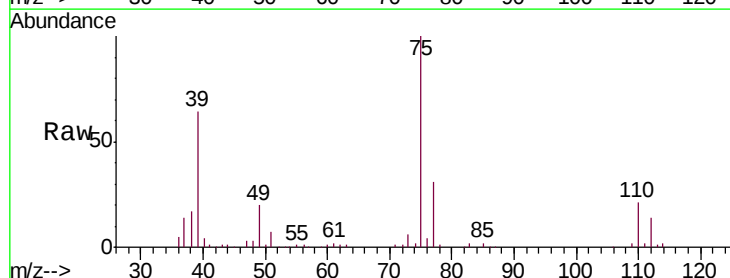
Tgt Ion: 75 Resp: 79919

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

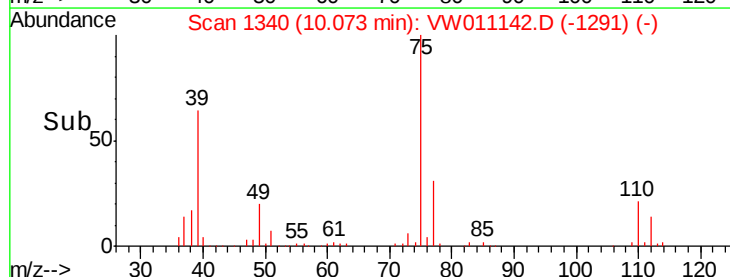
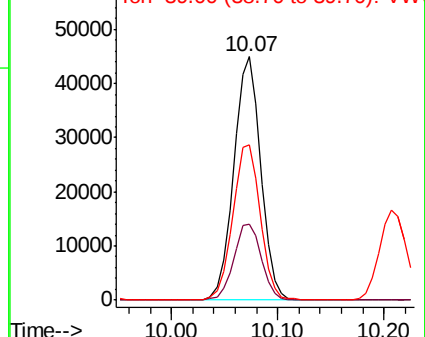
39 63.8 50.0 75.0

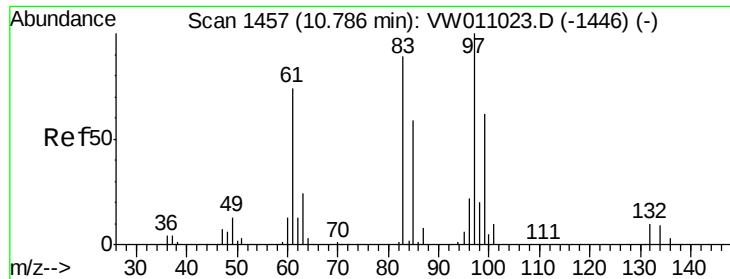


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 19.404 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

Tgt Ion: 97 Resp: 37558

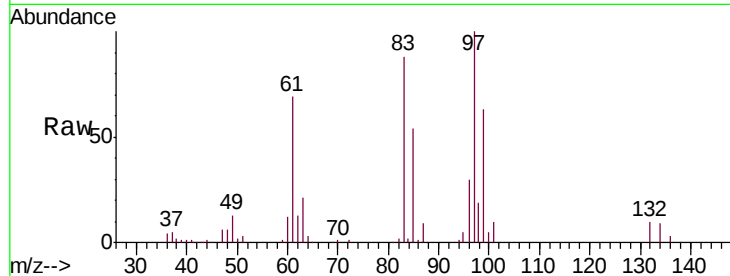
Ion Ratio Lower Upper

97 100

83 88.1 70.9 106.3

85 53.8 47.2 70.8

99 62.8 50.0 75.0

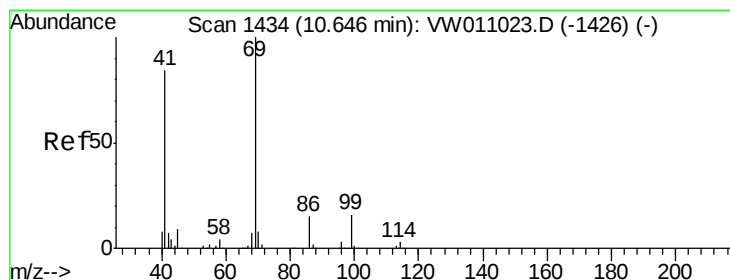
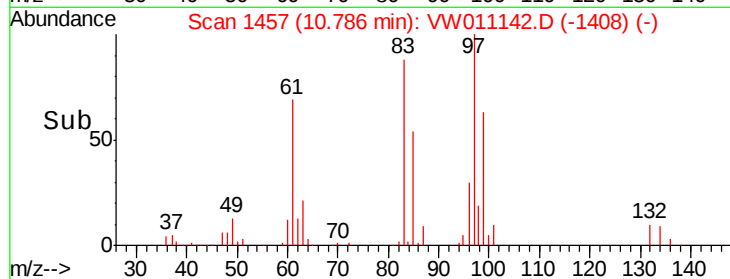
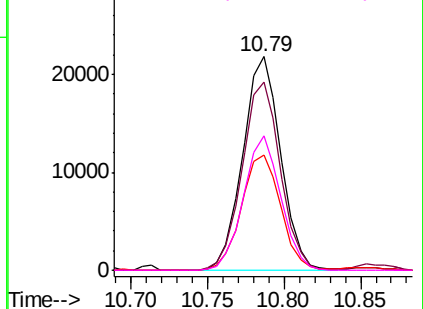


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 18.832 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

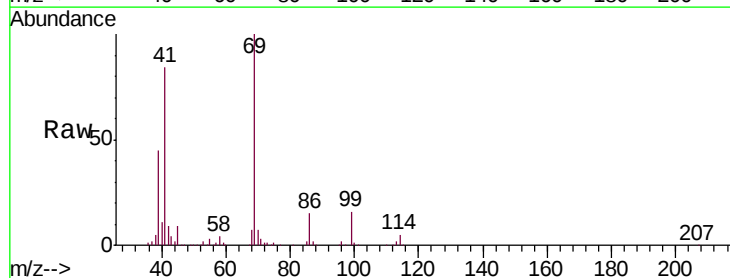
Tgt Ion: 69 Resp: 54582

Ion Ratio Lower Upper

69 100

41 86.2 67.9 101.9

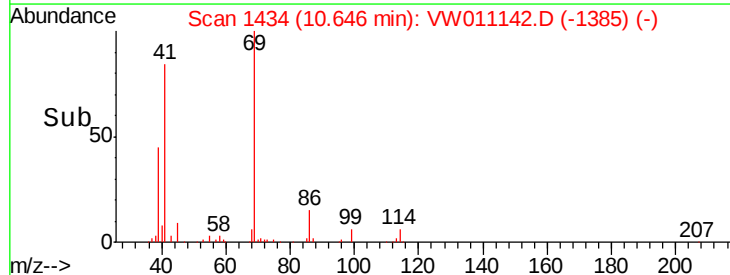
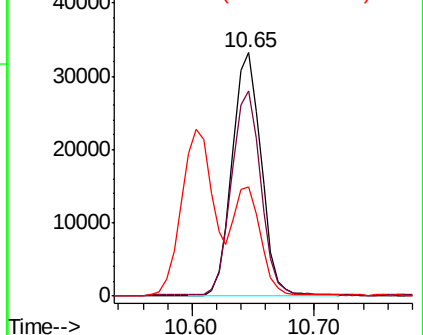
39 41.0 33.2 49.8

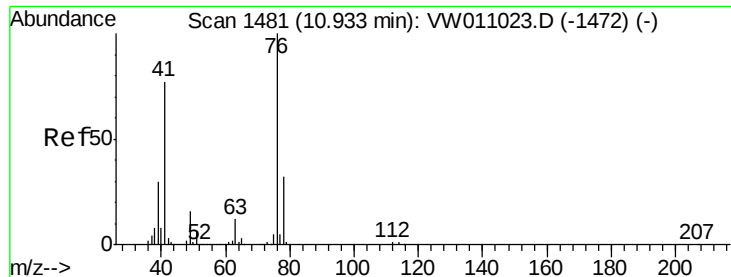


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

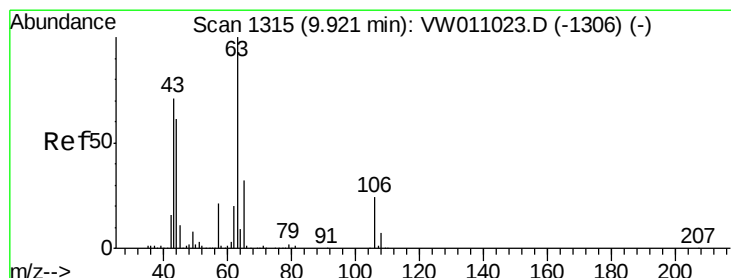
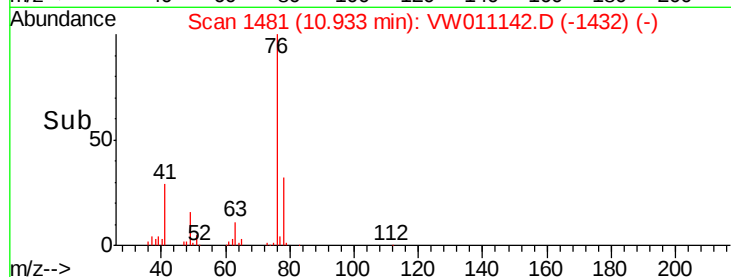
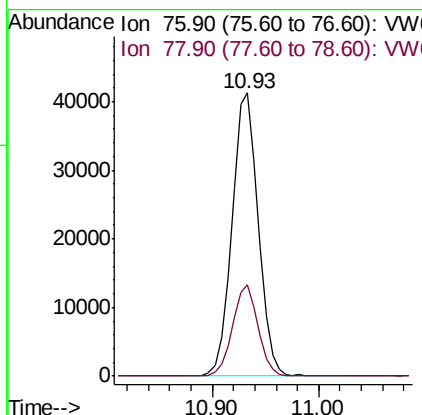
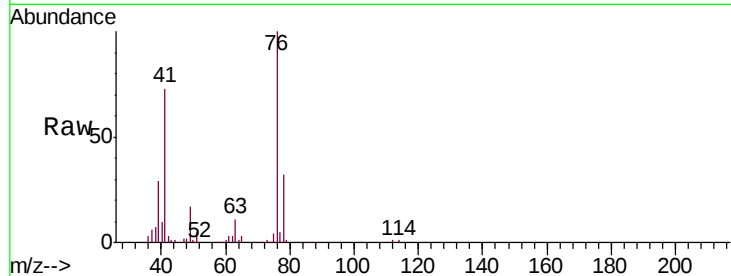




#57
 1,3-Dichloropropane
 Concen: 19.321 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

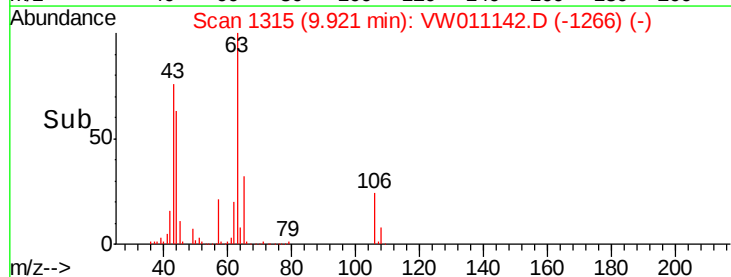
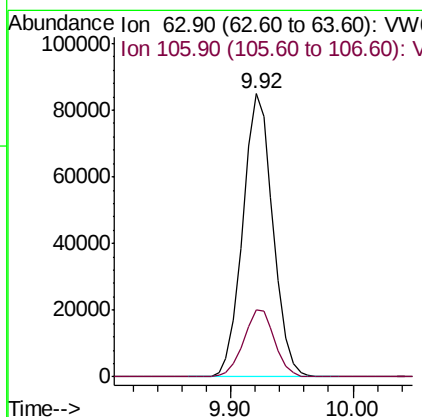
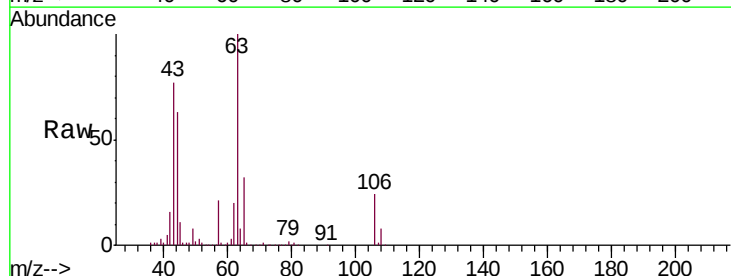
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

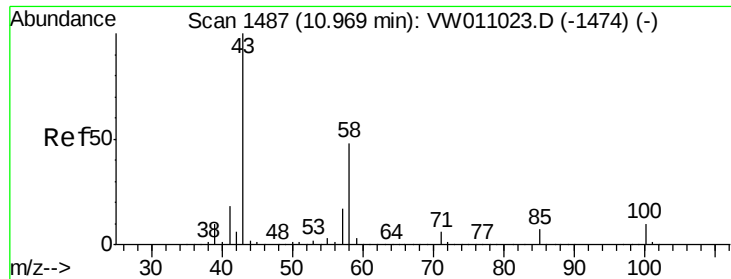
Tgt Ion: 76 Resp: 71138
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.636 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 63 Resp: 144650
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0





#59

2-Hexanone

Concen: 94.541 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

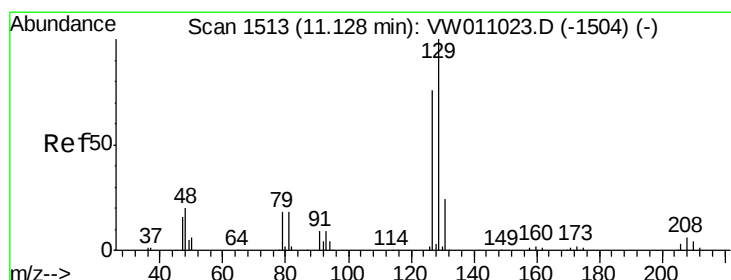
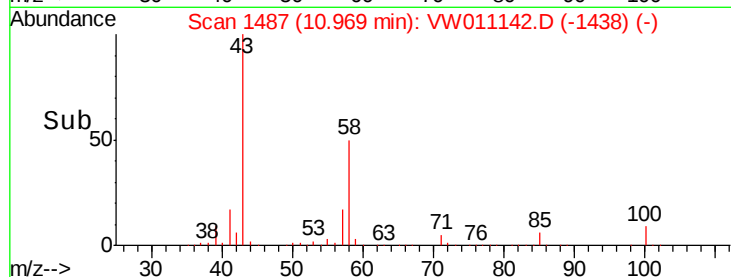
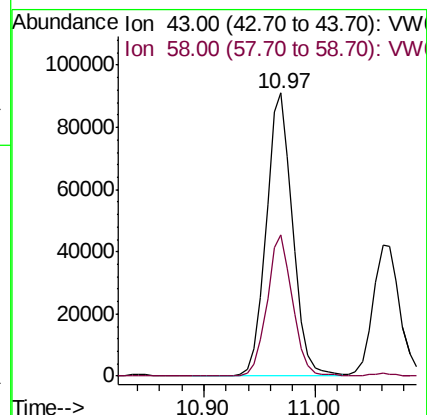
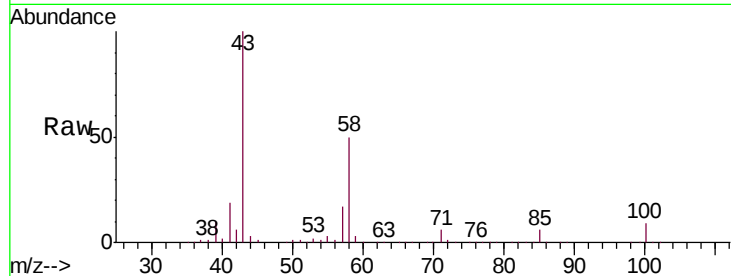
VW0704SBSD01

Tgt Ion: 43 Resp: 149792

Ion Ratio Lower Upper

43 100

58 48.6 23.8 71.5



#60

Dibromochloromethane

Concen: 18.512 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011142.D

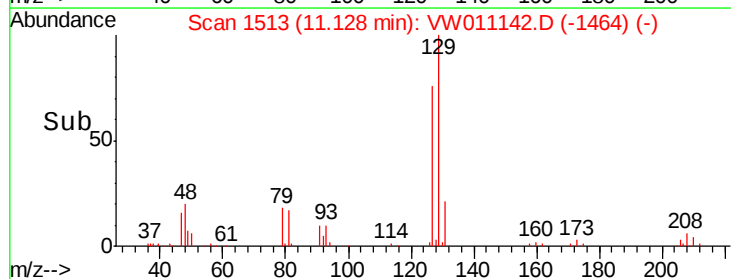
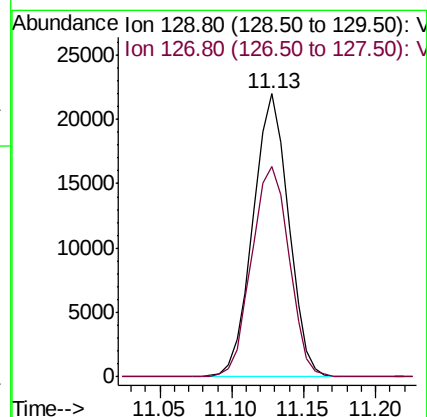
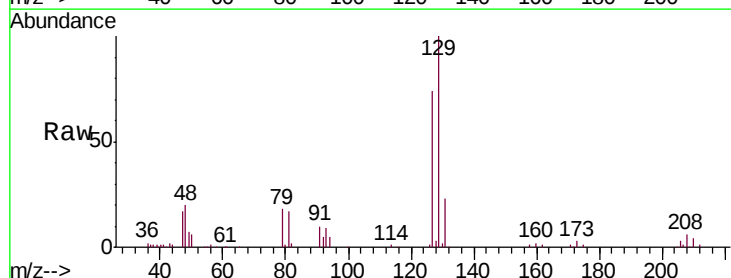
Acq: 03 Jul 2019 16:18

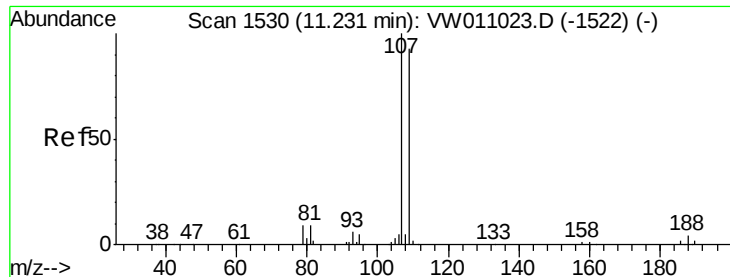
Tgt Ion: 129 Resp: 37575

Ion Ratio Lower Upper

129 100

127 78.4 39.4 118.1

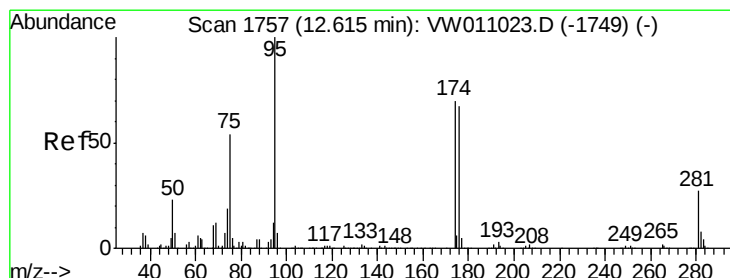
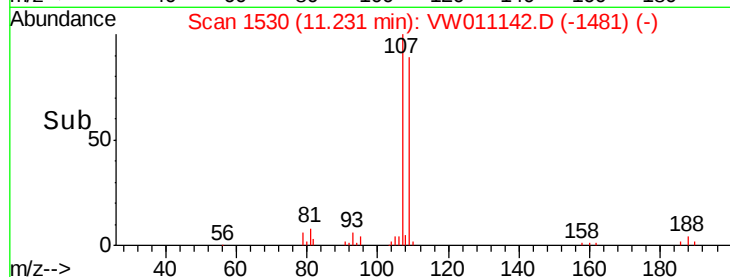
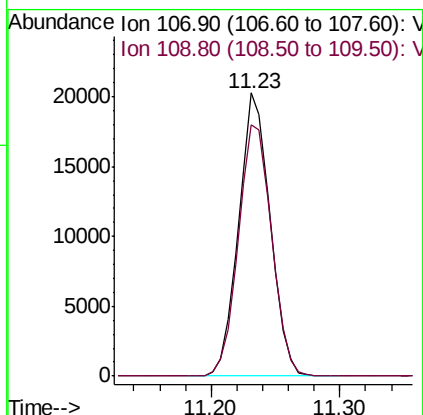
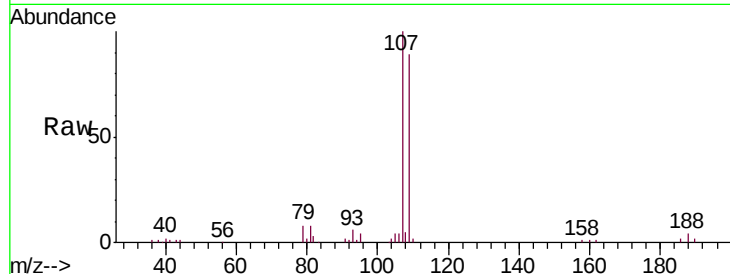




#61
 1,2-Dibromoethane
 Concen: 18.865 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

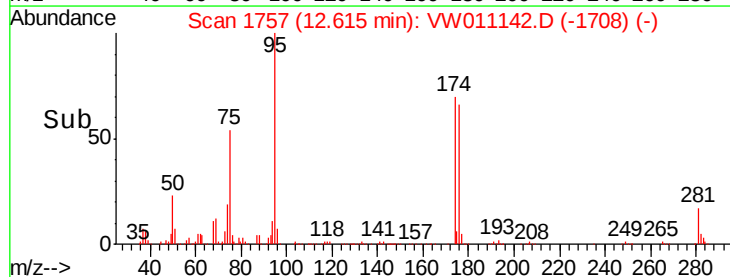
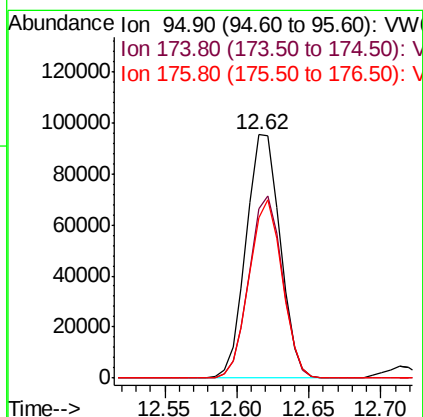
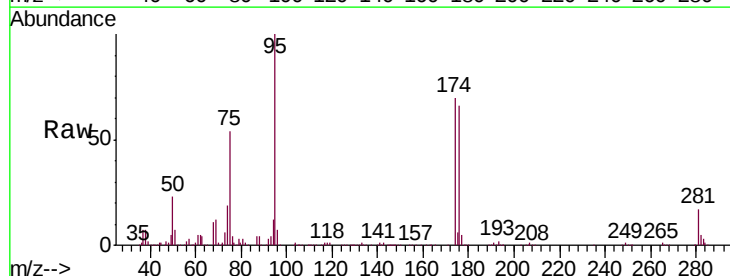
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

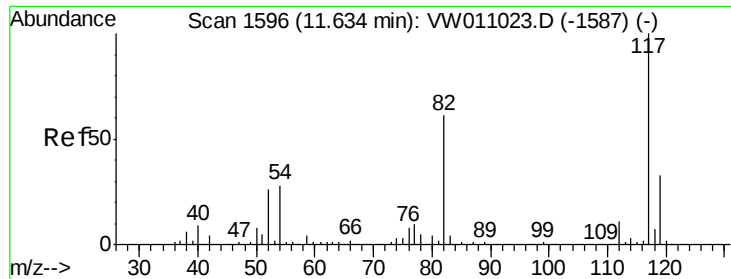
Tgt Ion: 107 Resp: 34184
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 46.593 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 95 Resp: 156302
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 149.2
 176 71.2 0.0 143.6

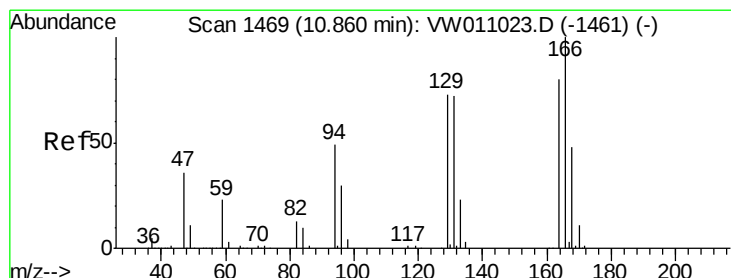
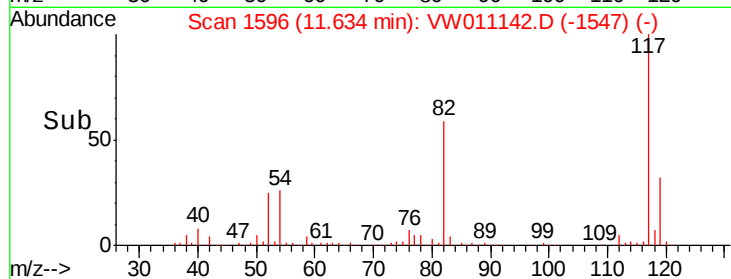
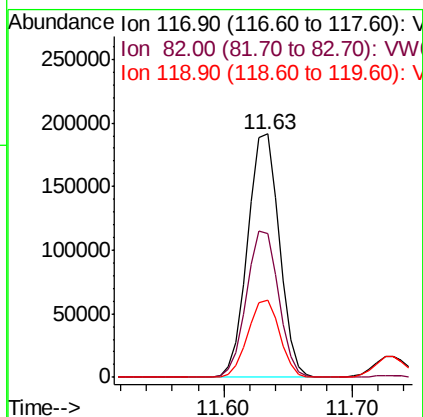
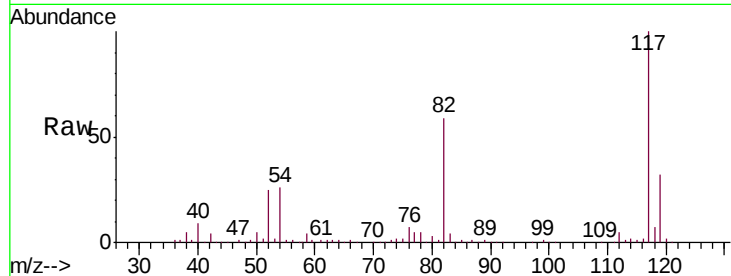




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

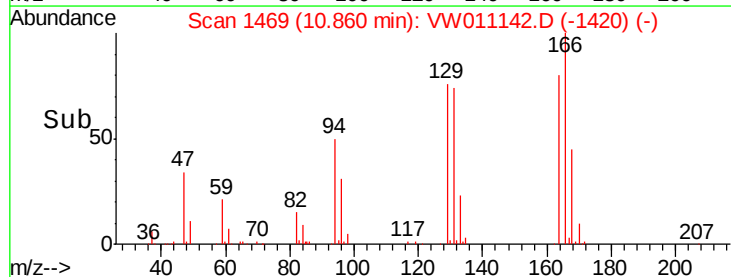
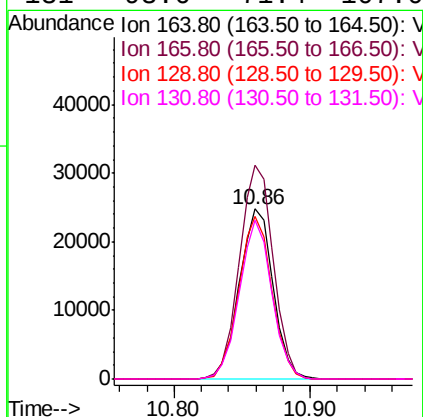
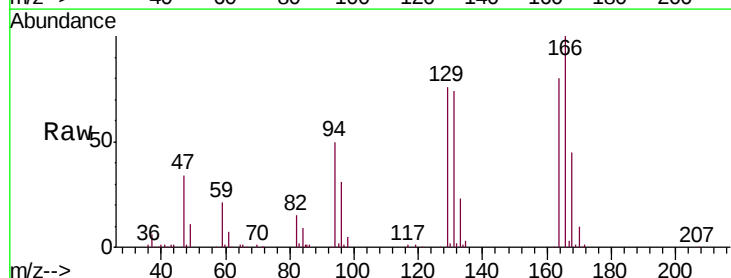
Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

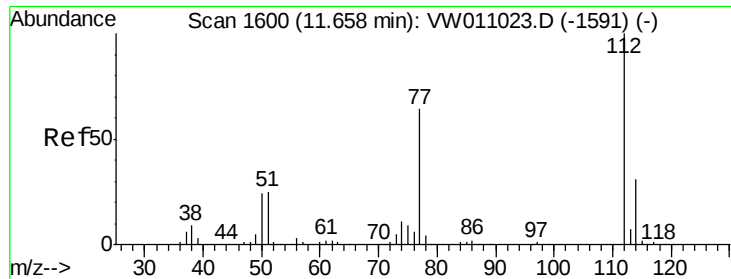
Tgt Ion:117 Resp: 324351
Ion Ratio Lower Upper
117 100
82 59.0 48.6 73.0
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 19.217 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion:164 Resp: 42895
Ion Ratio Lower Upper
164 100
166 125.7 99.8 149.6
129 95.4 73.0 109.4
131 93.6 71.4 107.0

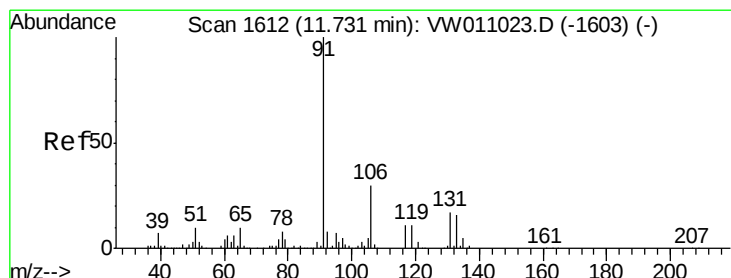
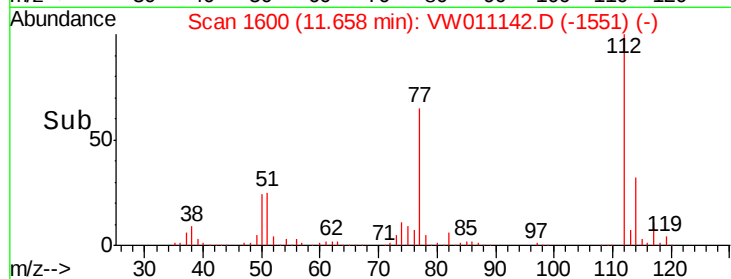
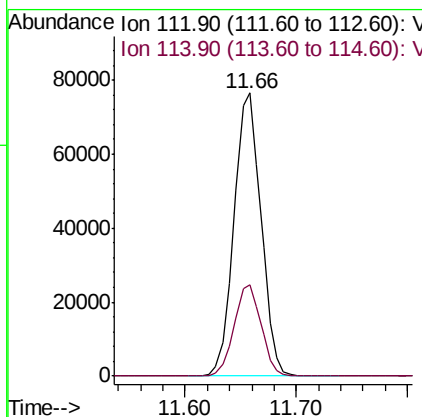
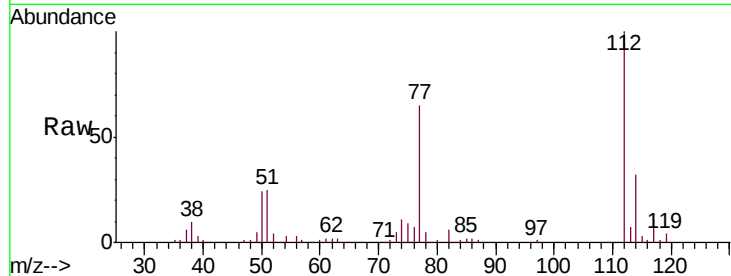




#65
Chlorobenzene
Concen: 19.341 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

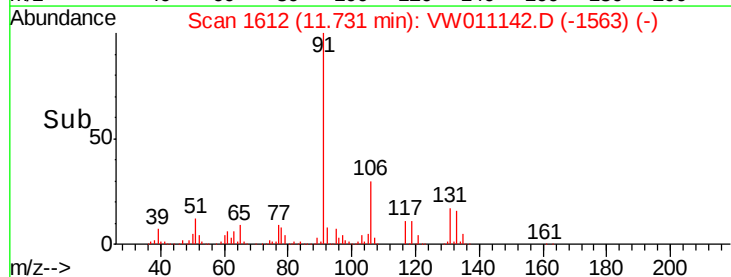
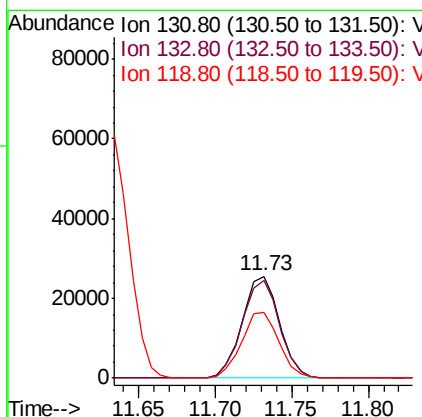
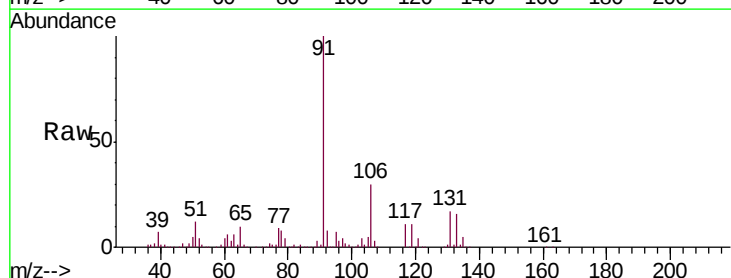
Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

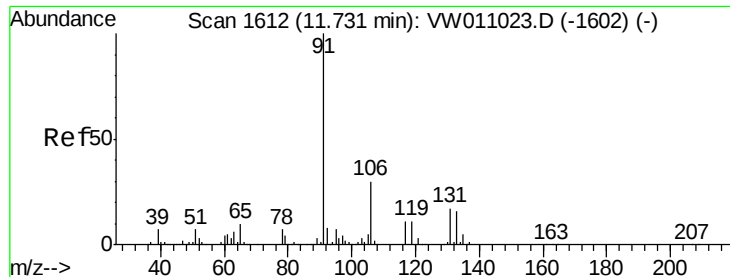
Tgt Ion:112 Resp: 128411
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.270 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion:131 Resp: 43438
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 64.8 33.1 99.2





#67

Ethyl Benzene

Concen: 19.498 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

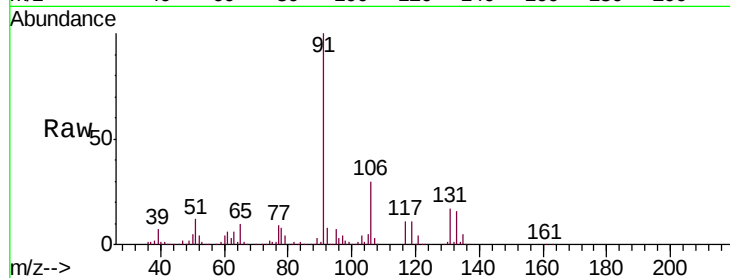
VW0704SBSD01

Tgt Ion: 91 Resp: 247944

Ion Ratio Lower Upper

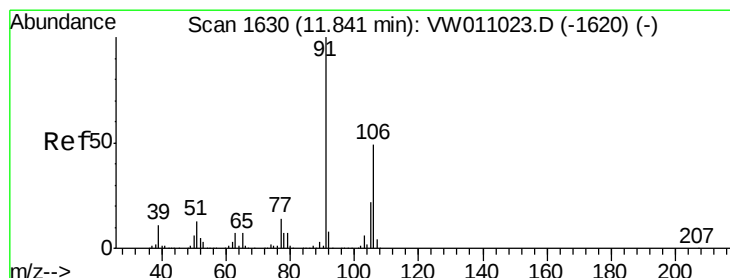
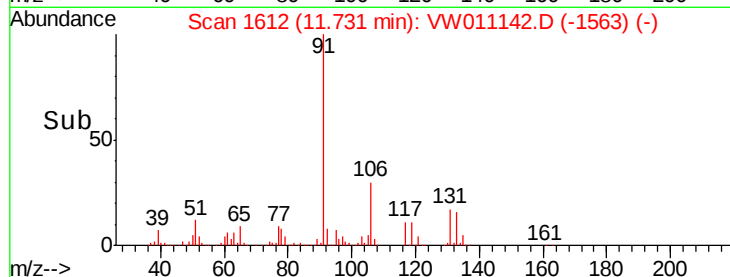
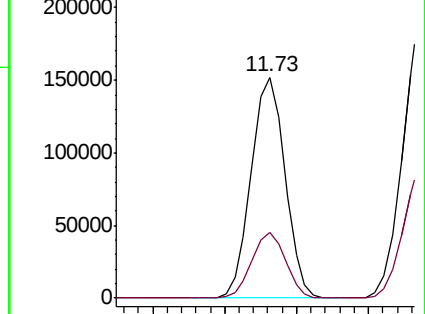
91 100

106 29.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.942 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW011142.D

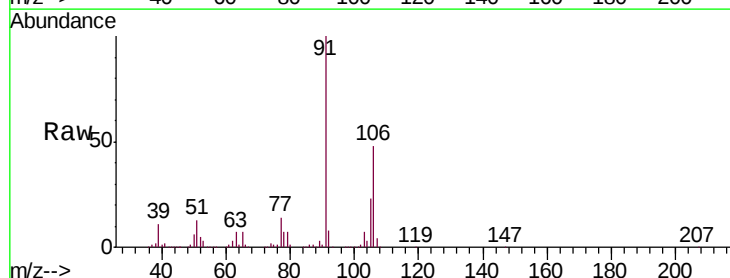
Acq: 03 Jul 2019 16:18

Tgt Ion: 106 Resp: 179693

Ion Ratio Lower Upper

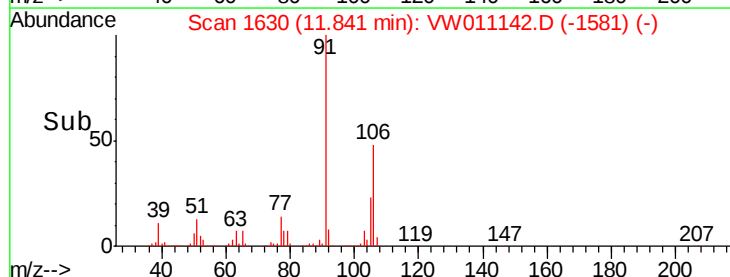
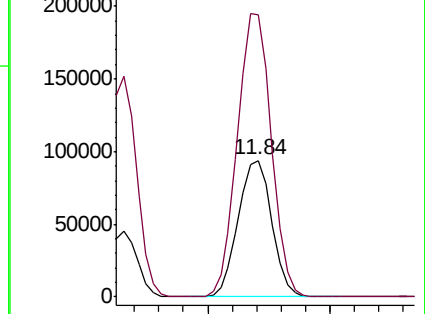
106 100

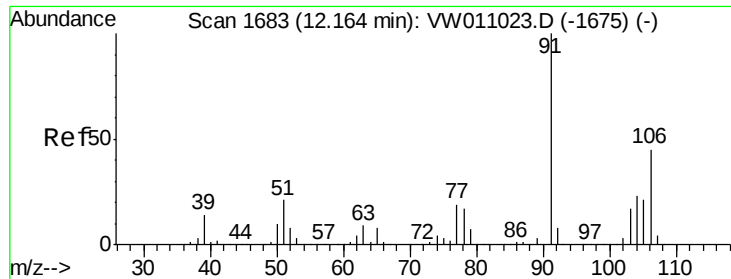
91 209.1 167.5 251.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

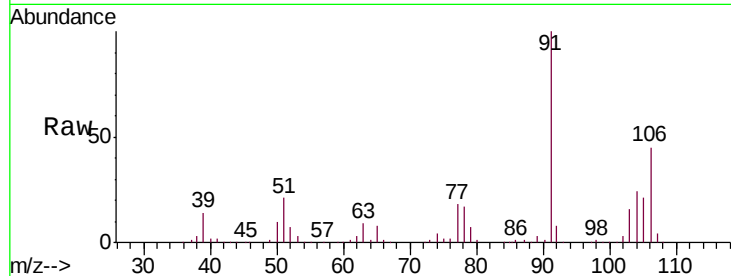




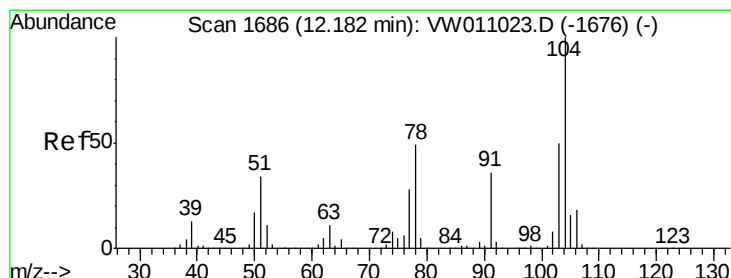
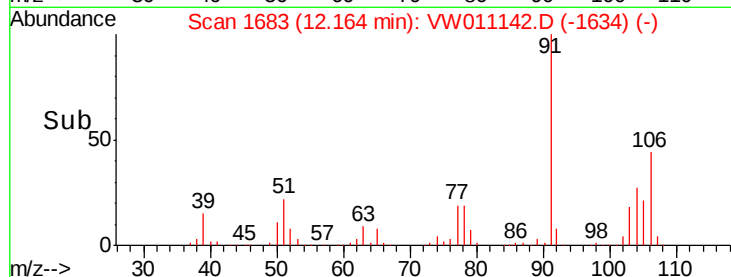
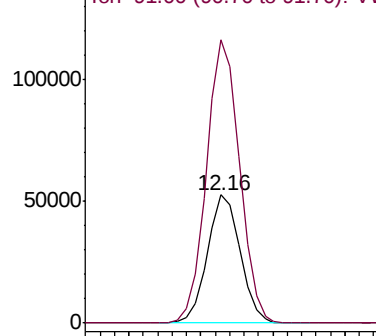
#69
o-Xylene
Concen: 19.425 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

Tgt Ion:106 Resp: 83487
Ion Ratio Lower Upper
106 100
91 223.1 110.8 332.3

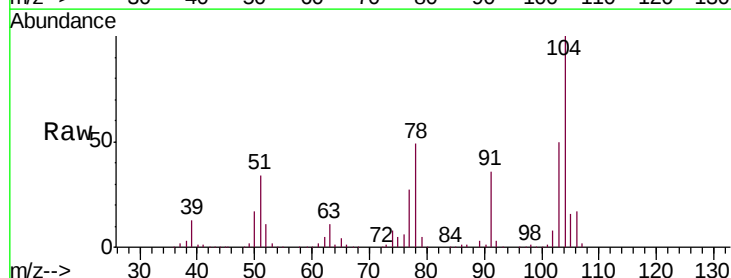


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

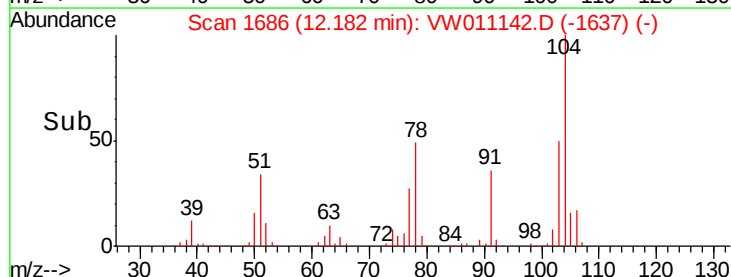
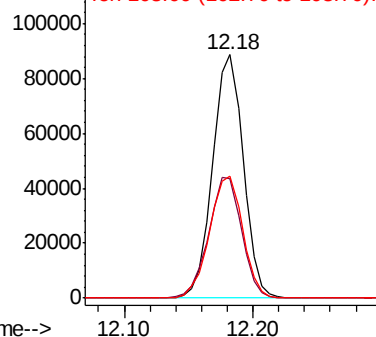


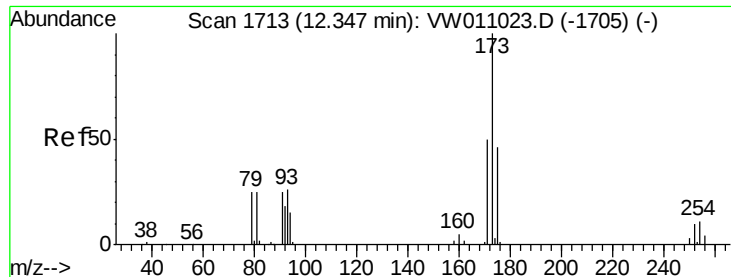
#70
Styrene
Concen: 19.448 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion:104 Resp: 145248
Ion Ratio Lower Upper
104 100
78 54.2 43.7 65.5
103 54.5 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.813 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

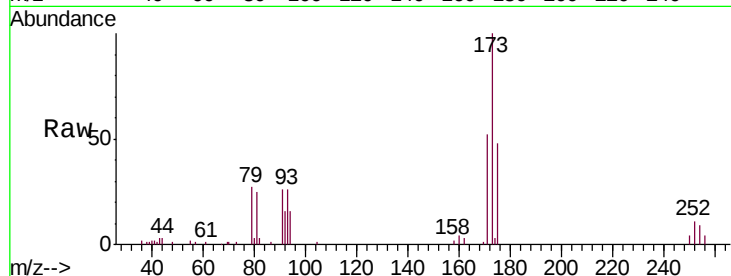
Tgt Ion:173 Resp: 20674

Ion Ratio Lower Upper

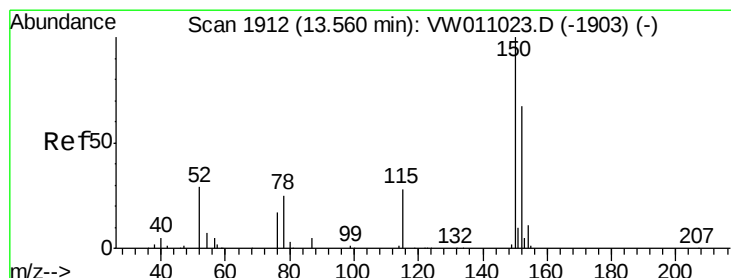
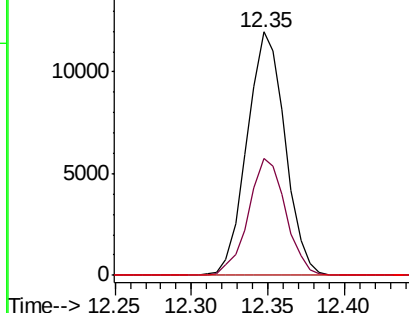
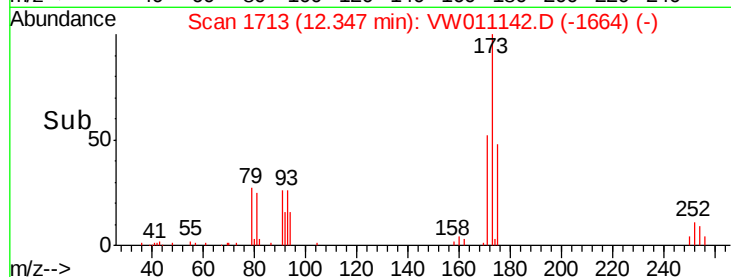
173 100

175 47.1 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

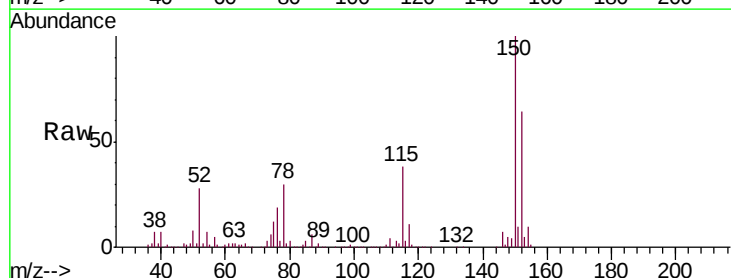
Tgt Ion:152 Resp: 161183

Ion Ratio Lower Upper

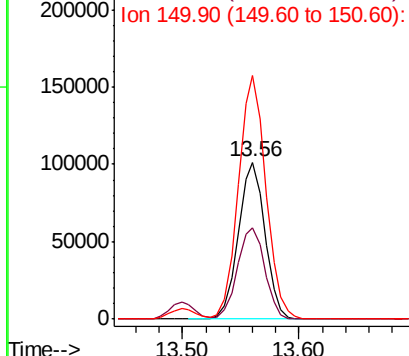
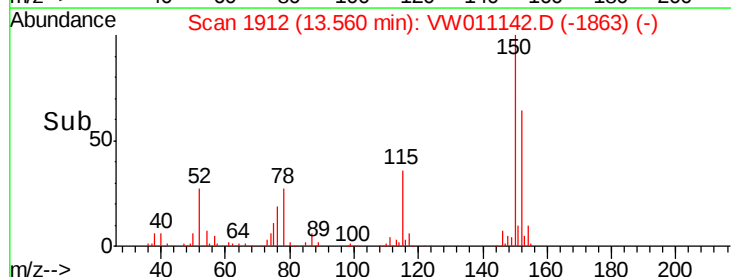
152 100

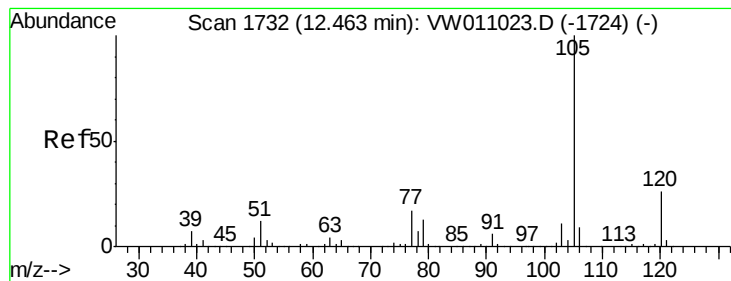
115 59.9 30.7 92.1

150 160.9 0.0 341.8



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





#73

Isopropylbenzene

Concen: 19.245 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

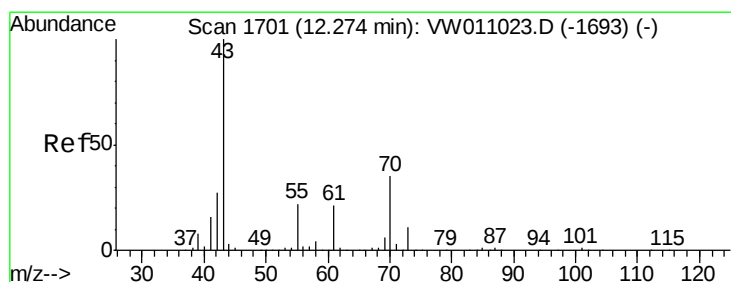
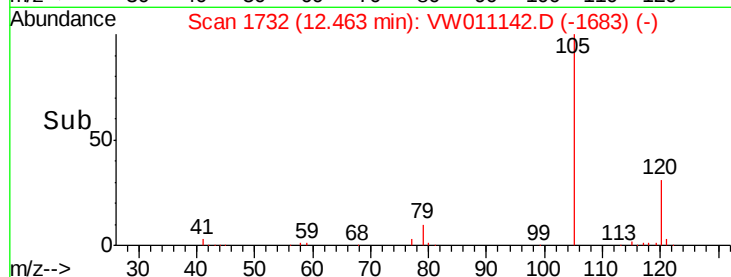
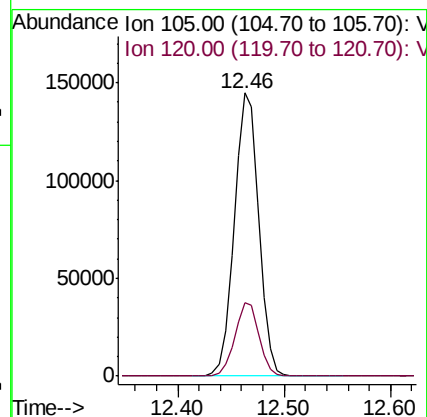
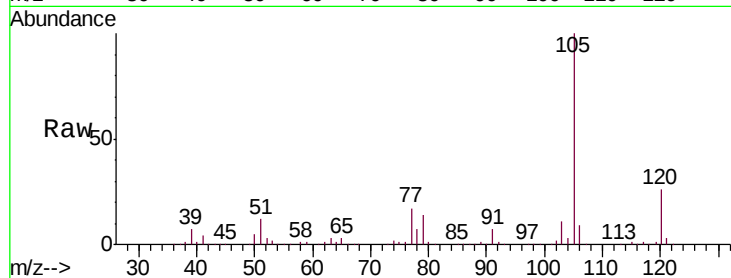
VW0704SBSD01

Tgt Ion: 105 Resp: 232387

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 18.593 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Tgt Ion: 43 Resp: 75400

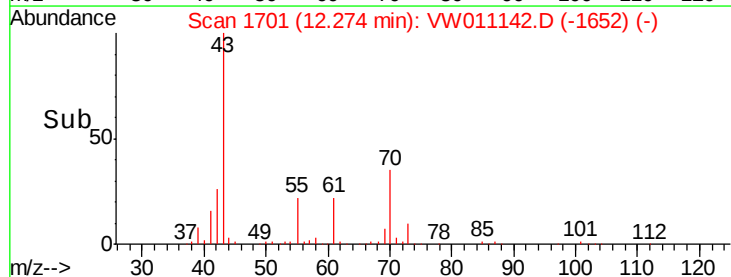
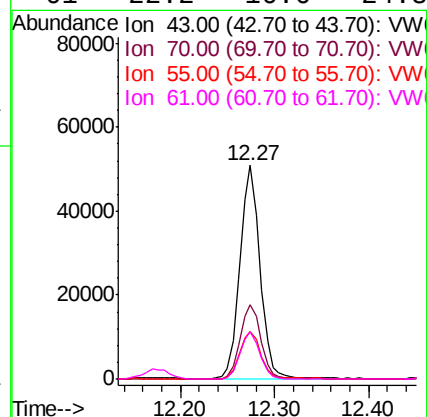
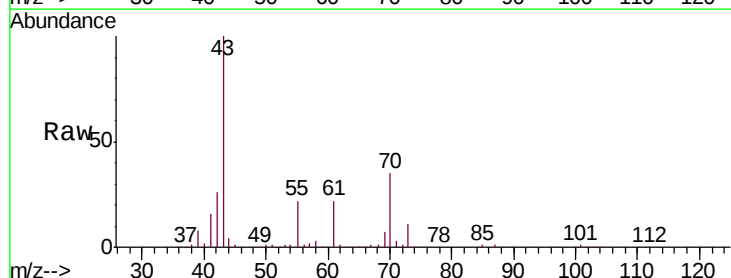
Ion Ratio Lower Upper

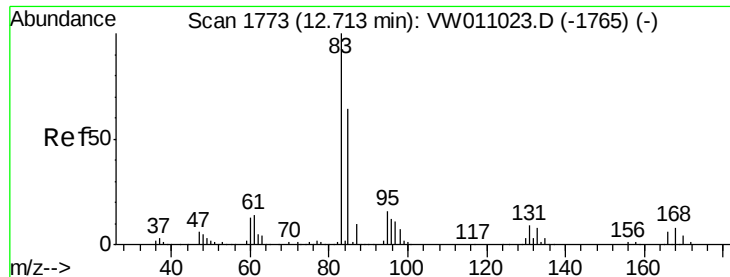
43 100

70 35.6 28.2 42.4

55 23.5 17.8 26.8

61 22.2 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.163 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

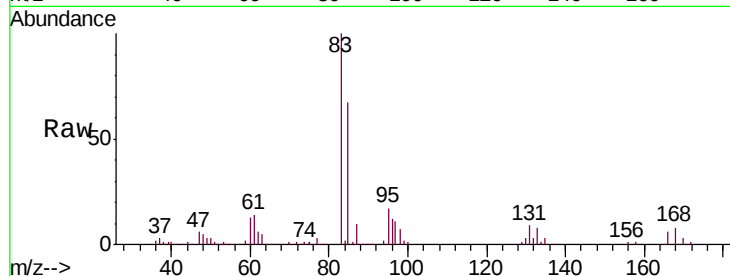
Tgt Ion: 83 Resp: 45438

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

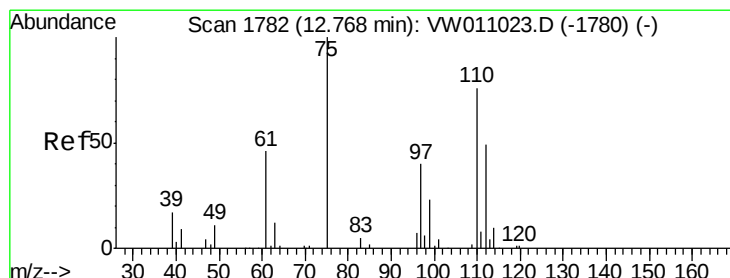
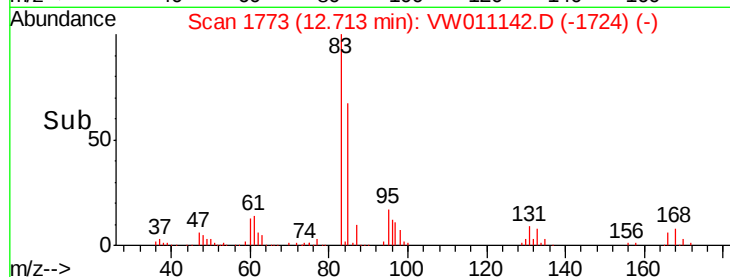
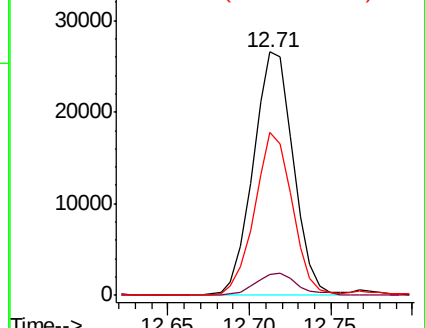
85 63.2 31.8 95.4



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: 33.774 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011142.D

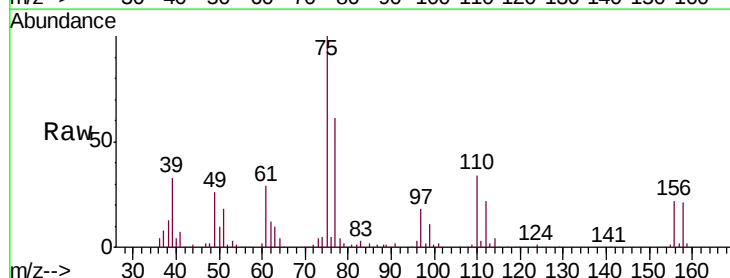
Acq: 03 Jul 2019 16:18

Tgt Ion: 75 Resp: 57473

Ion Ratio Lower Upper

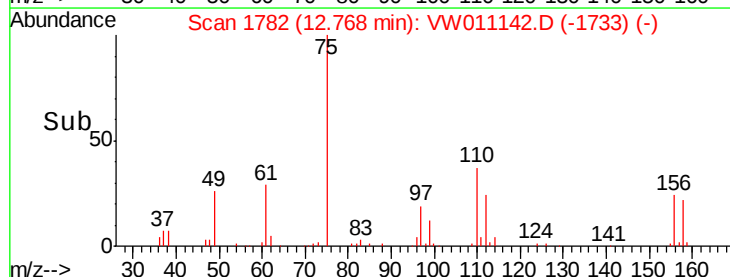
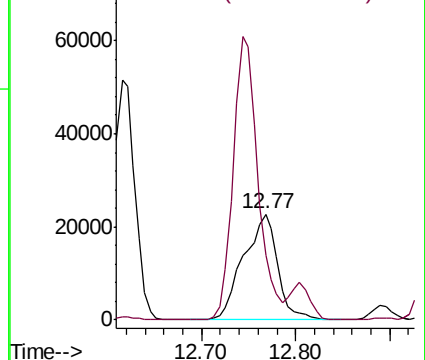
75 100

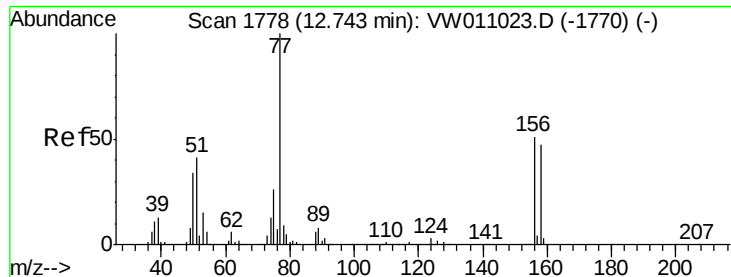
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.301 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

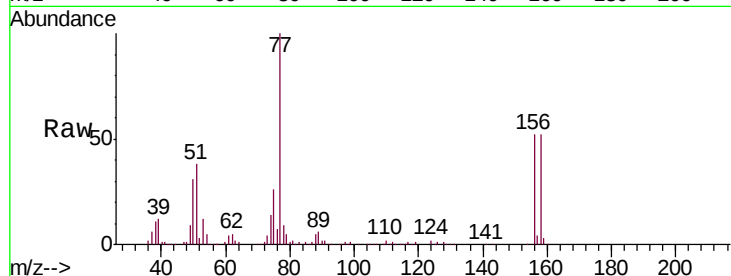
Tgt Ion:156 Resp: 51227

Ion Ratio Lower Upper

156 100

77 217.4 109.5 328.5

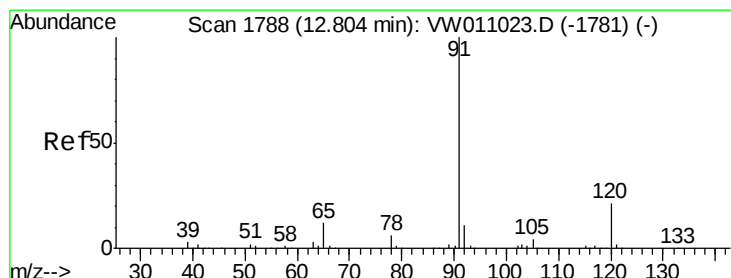
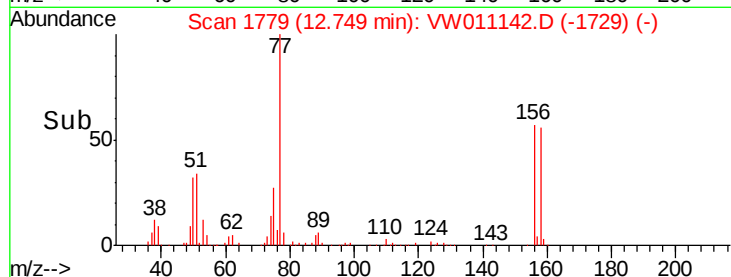
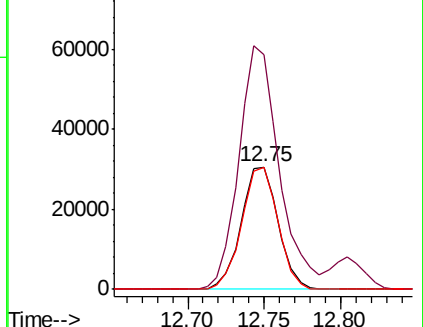
158 97.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.342 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011142.D

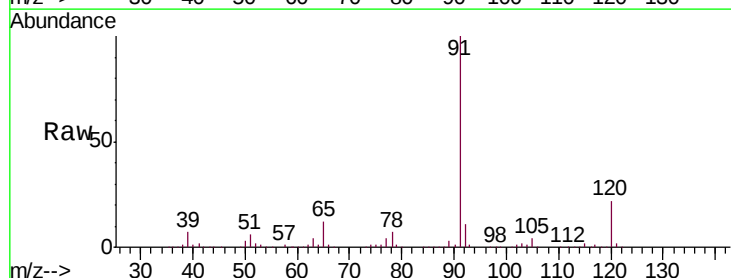
Acq: 03 Jul 2019 16:18

Tgt Ion: 91 Resp: 289218

Ion Ratio Lower Upper

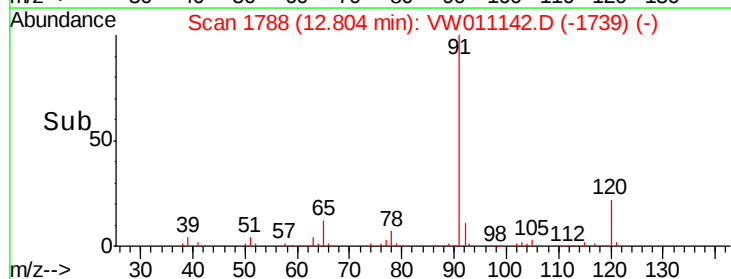
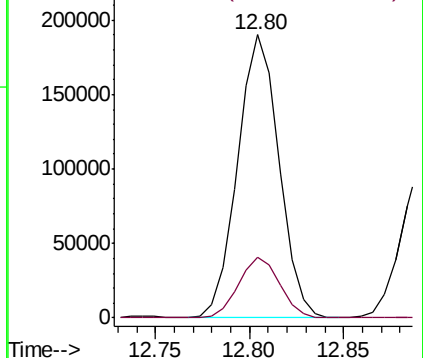
91 100

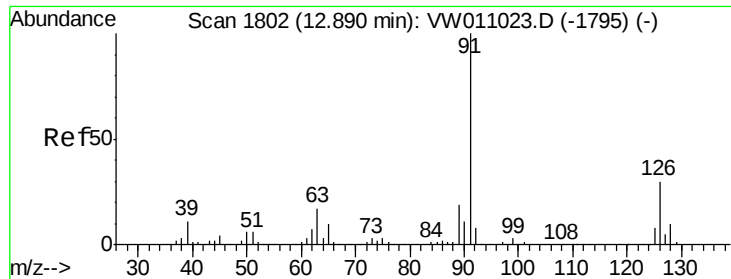
120 21.3 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.271 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

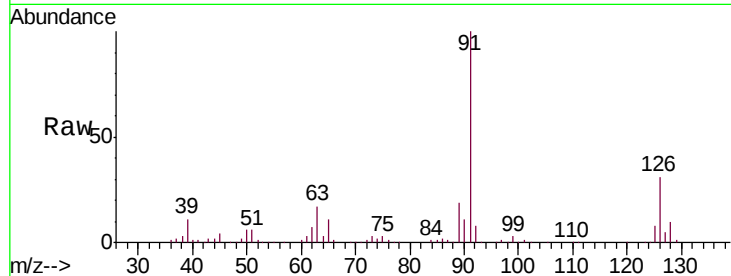
VW0704SBSD01

Tgt Ion: 91 Resp: 164627

Ion Ratio Lower Upper

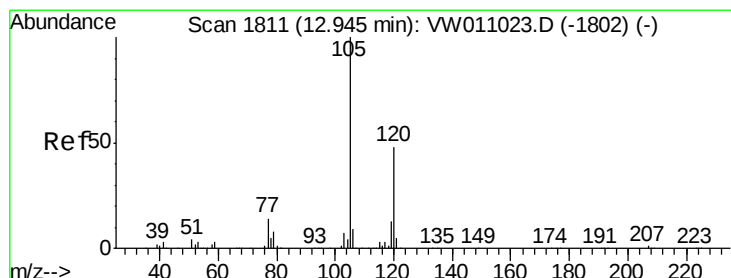
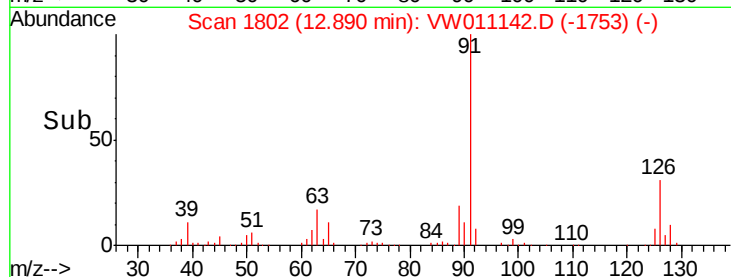
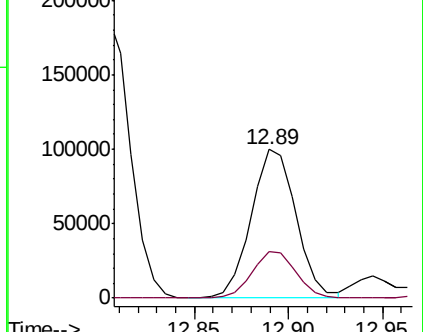
91 100

126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.376 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011142.D

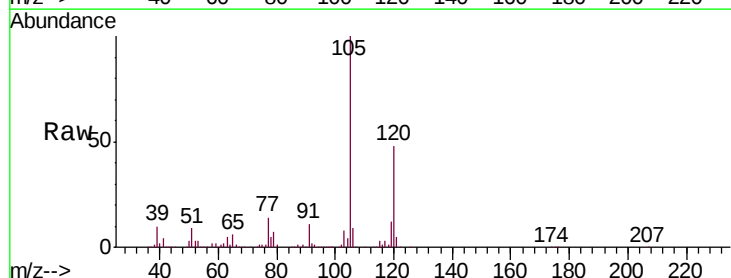
Acq: 03 Jul 2019 16:18

Tgt Ion: 105 Resp: 198305

Ion Ratio Lower Upper

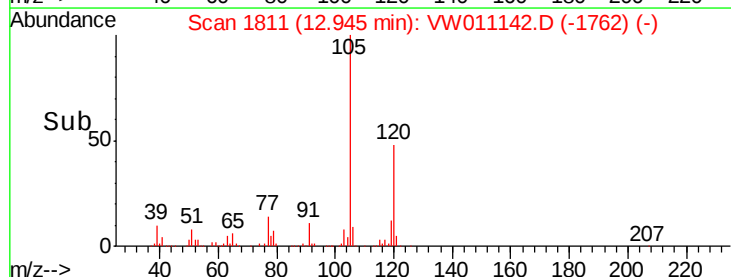
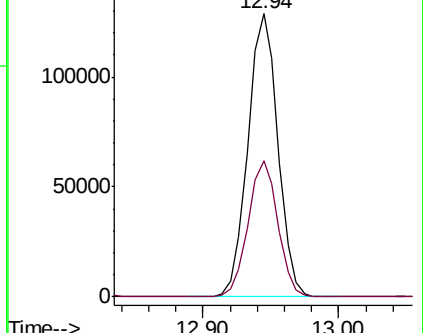
105 100

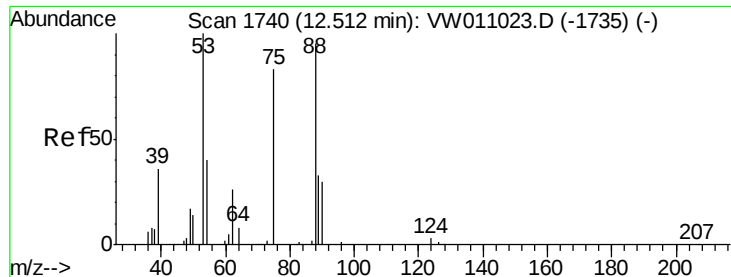
120 47.8 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

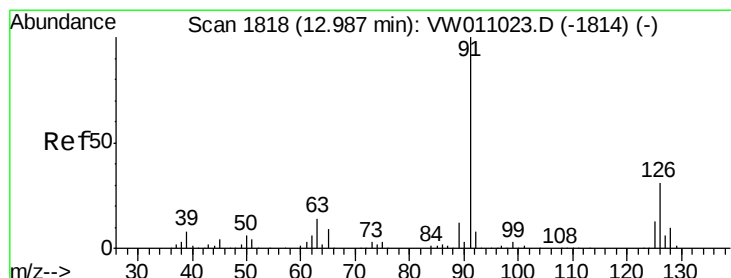
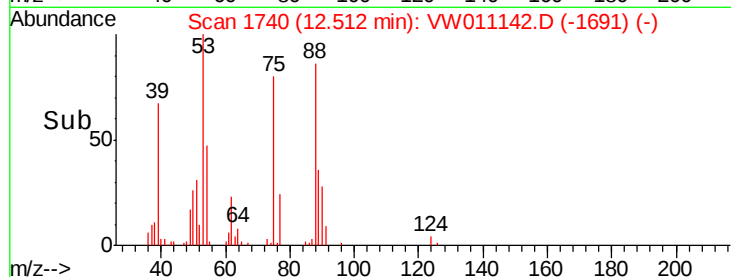
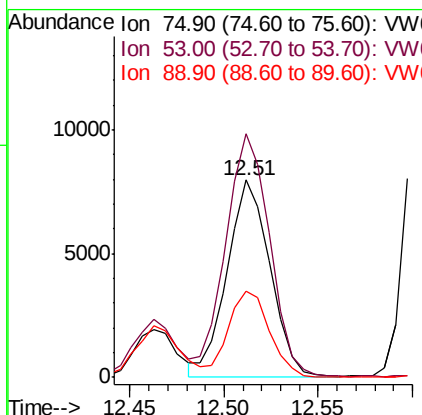
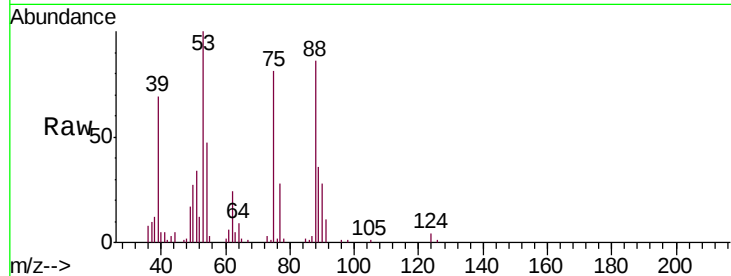




#81
trans-1,4-Dichloro-2-butene
Concen: 18.664 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

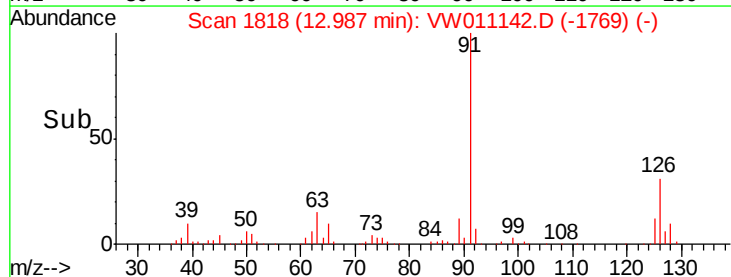
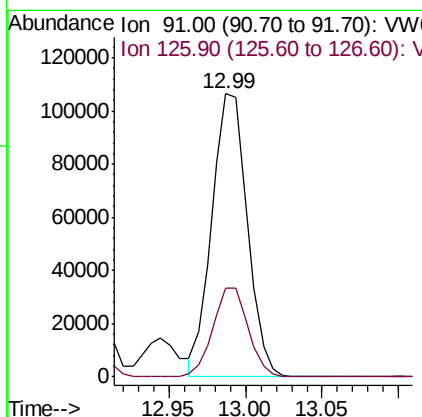
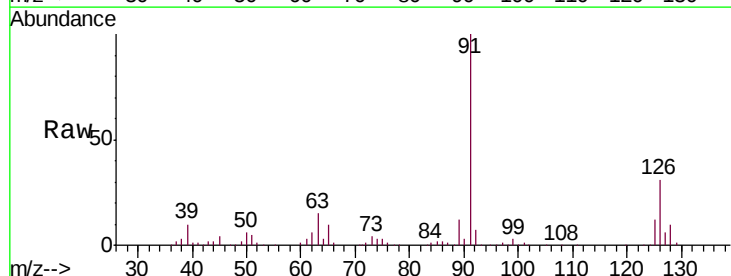
Instrument :
MSVOA_W
ClientSampled :
VW0704SBSD01

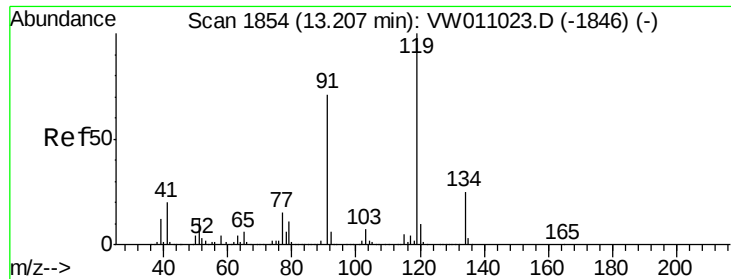
Tgt Ion: 75 Resp: 12687
Ion Ratio Lower Upper
75 100
53 126.8 95.6 143.4
89 42.0 34.4 51.6



#82
4-Chlorotoluene
Concen: 19.258 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion: 91 Resp: 171445
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1

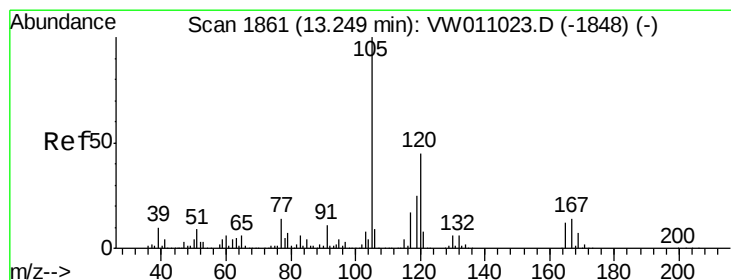
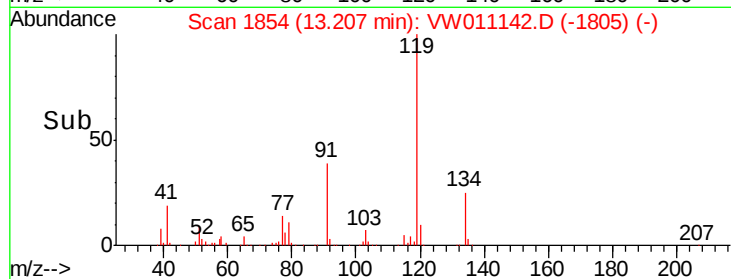
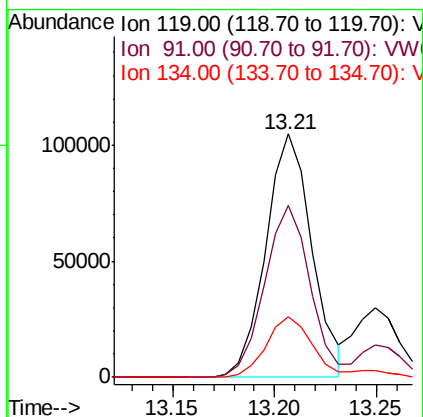
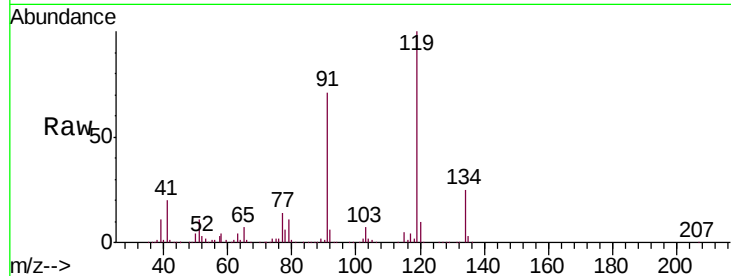




#83
tert-Butylbenzene
Concen: 19.340 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

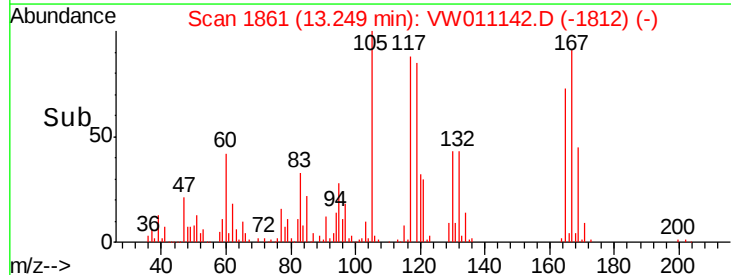
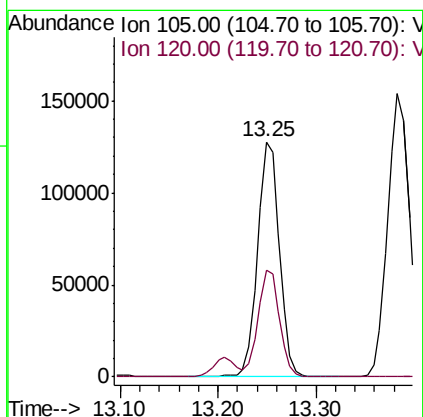
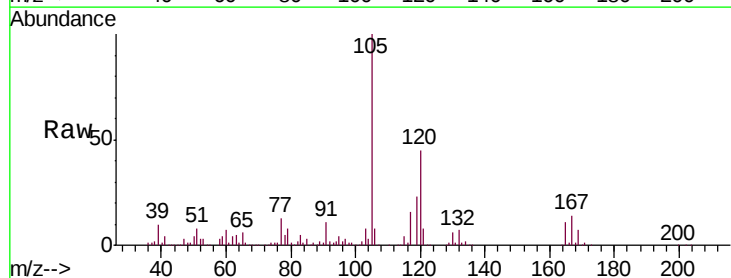
Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

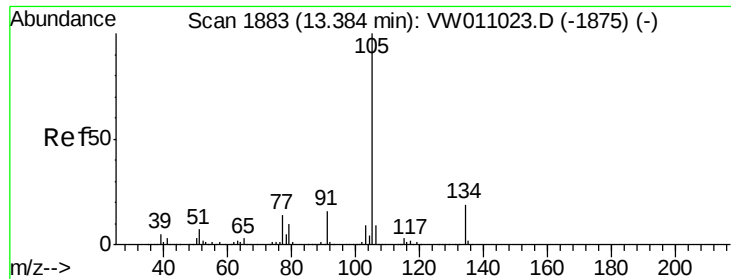
Tgt Ion:119 Resp: 165053
Ion Ratio Lower Upper
119 100
91 71.0 35.5 106.5
134 24.9 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 19.234 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion:105 Resp: 198969
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.2

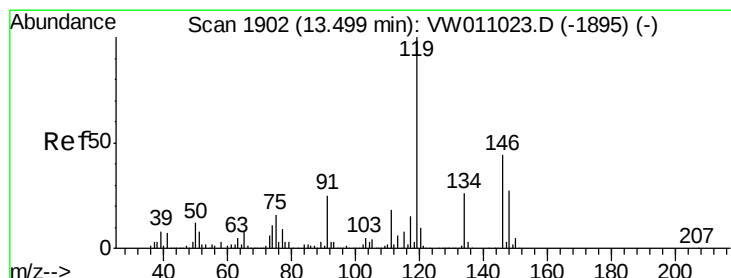
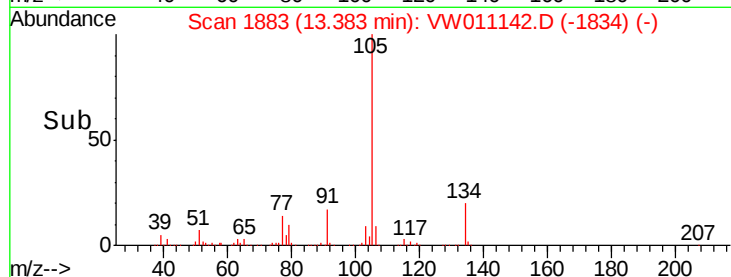
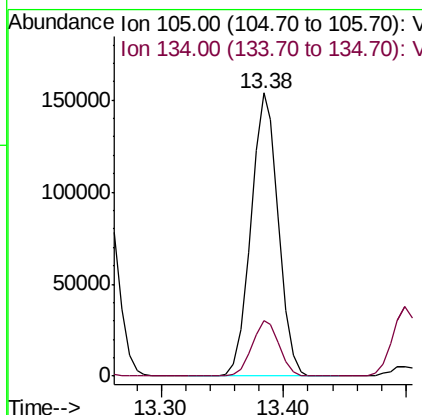
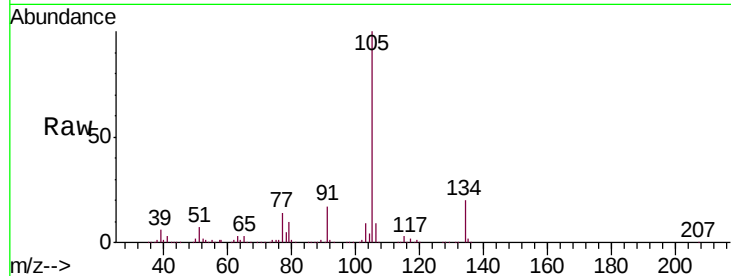




#85
 sec-Butylbenzene
 Concen: 19.276 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

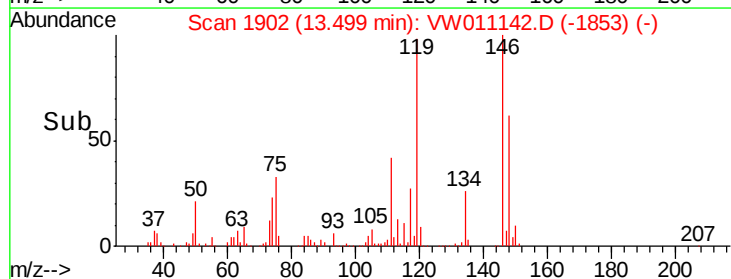
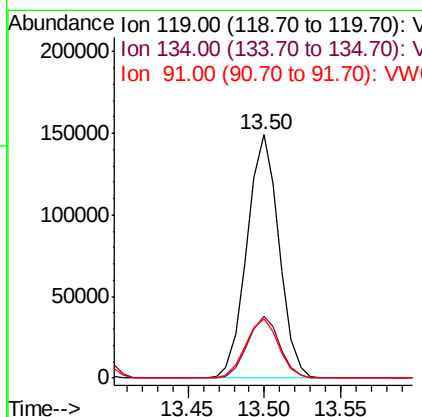
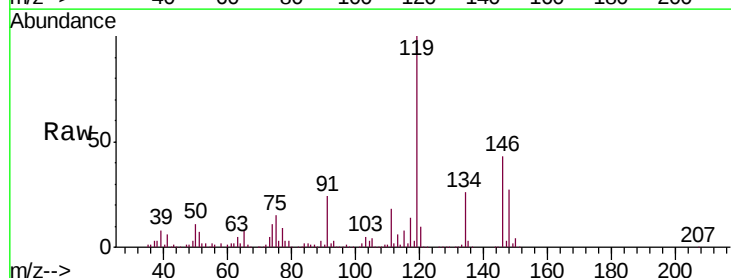
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

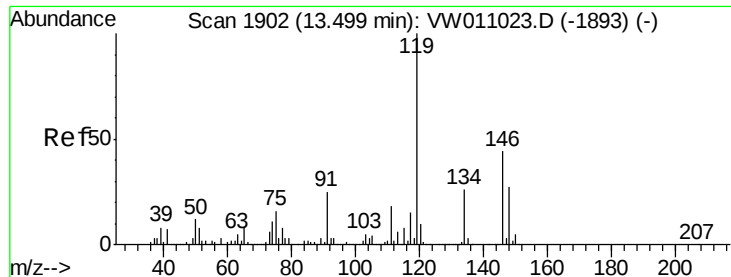
Tgt Ion:105 Resp: 238982
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.418 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion:119 Resp: 216637
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.288 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

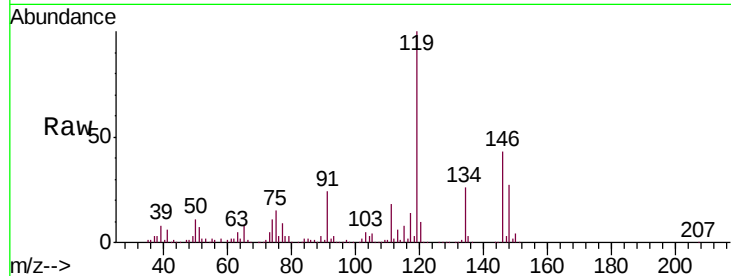
Tgt Ion:146 Resp: 101264

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.8

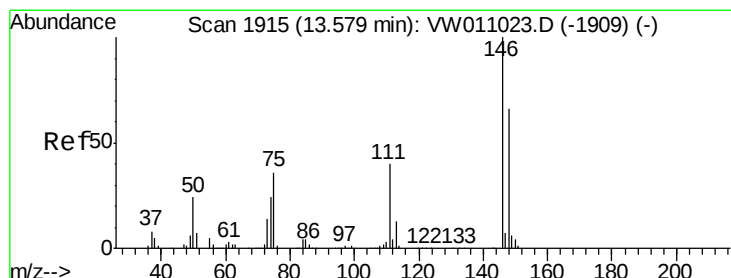
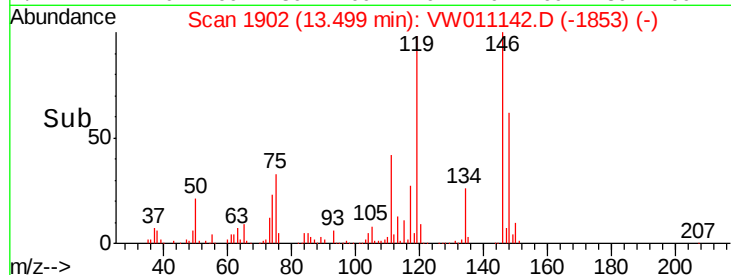
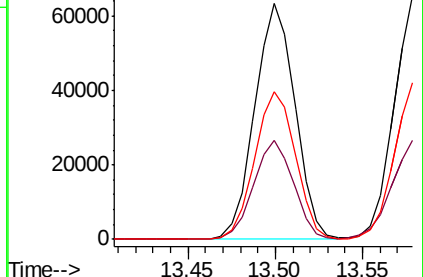
148 63.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.331 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

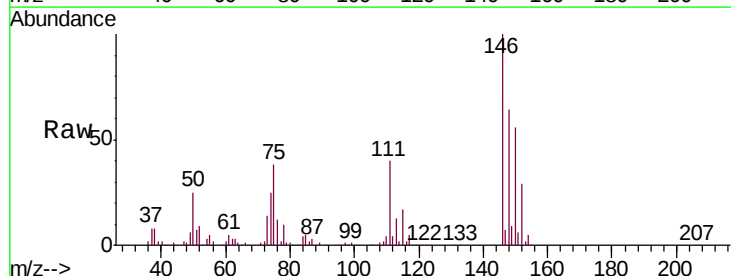
Tgt Ion:146 Resp: 101308

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

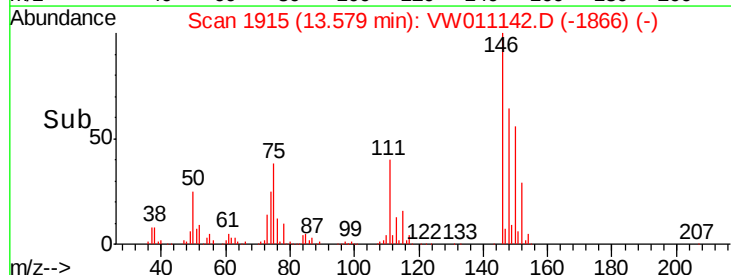
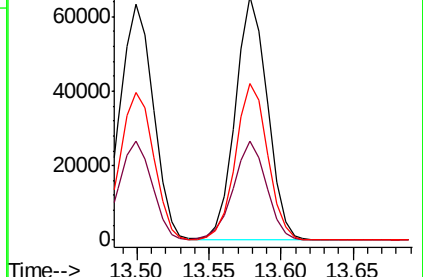
148 64.8 32.4 97.2

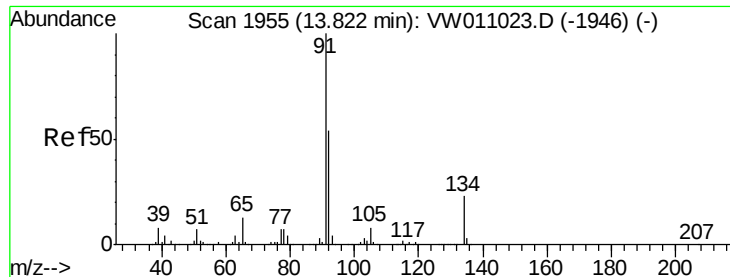


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.223 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011142.D

Acq: 03 Jul 2019 16:18

Instrument :

MSVOA_W

ClientSampleId :

VW0704SBSD01

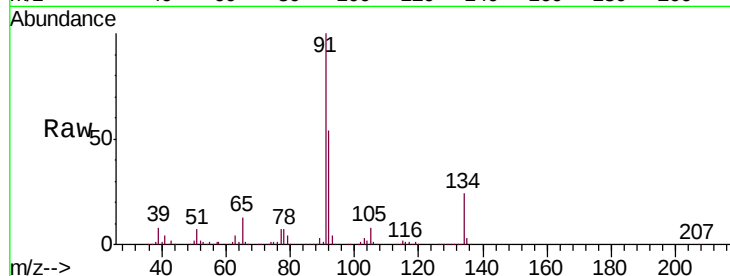
Tgt Ion: 91 Resp: 217979

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

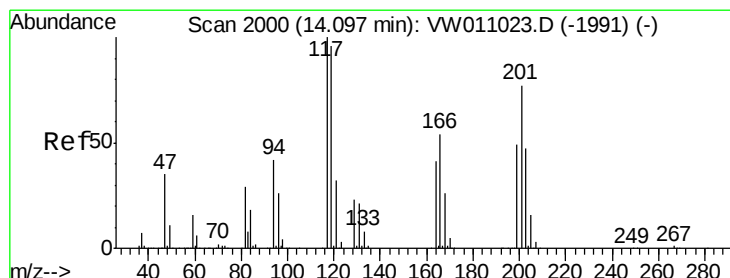
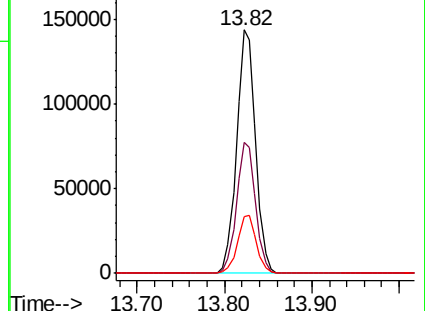
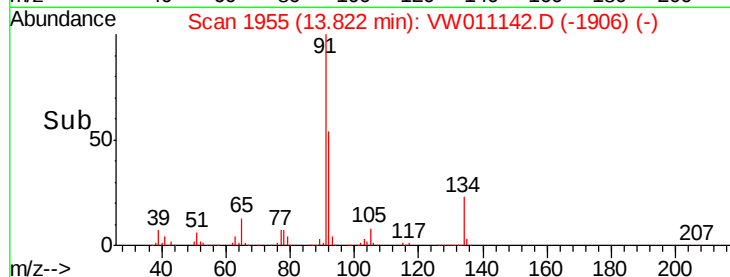
134 23.8 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.377 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW011142.D

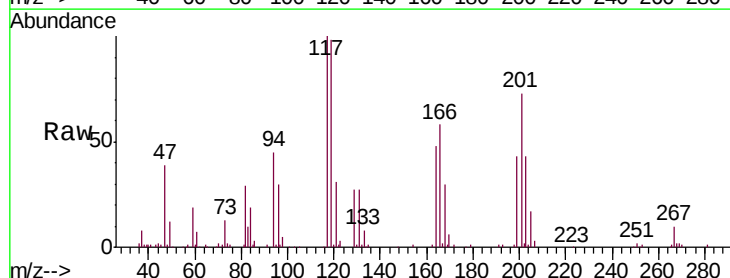
Acq: 03 Jul 2019 16:18

Tgt Ion: 117 Resp: 35080

Ion Ratio Lower Upper

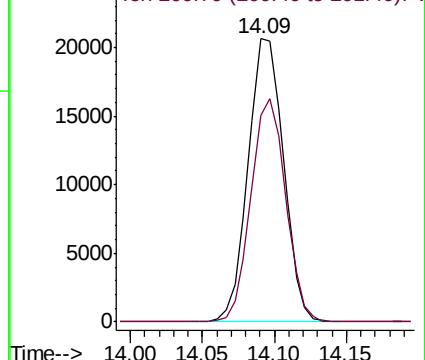
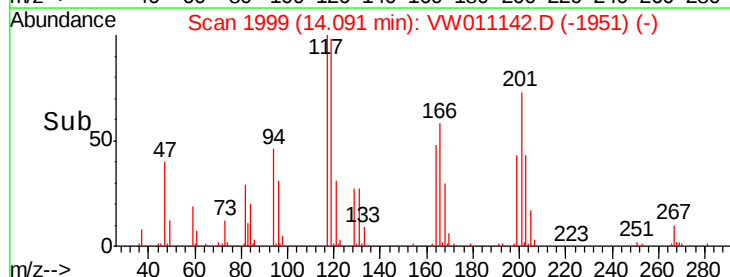
117 100

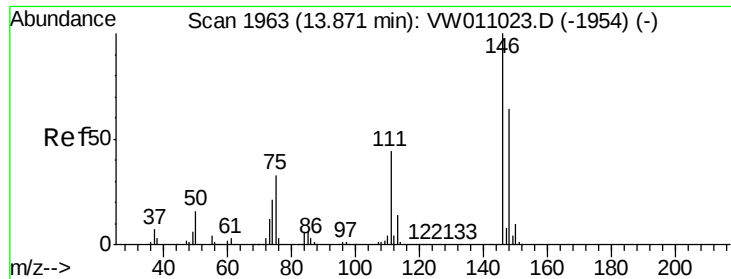
201 77.2 38.0 114.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

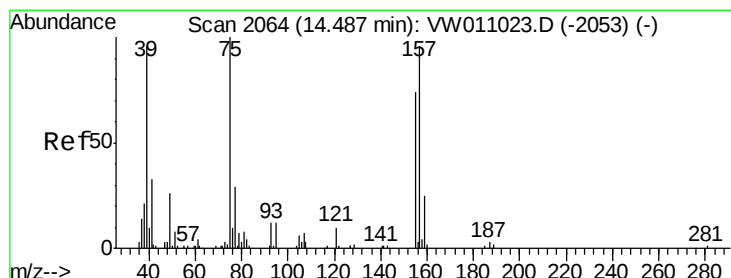
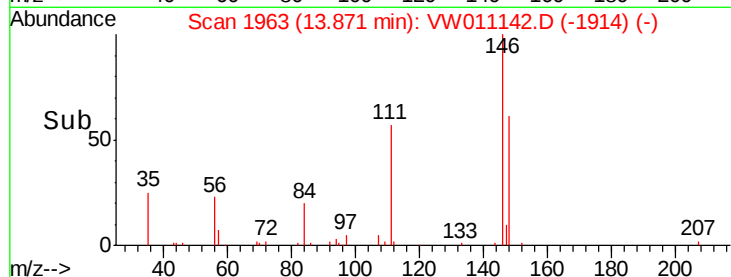
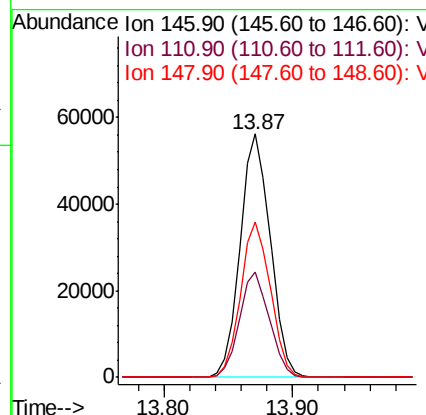
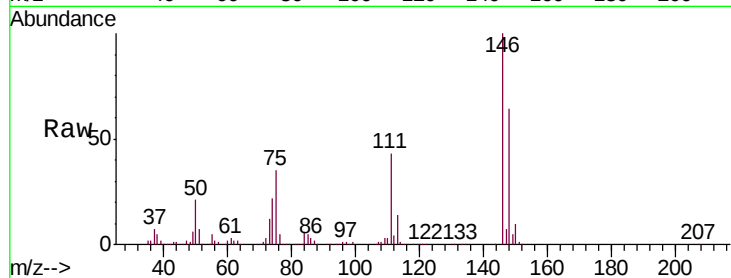




#91
 1,2-Dichlorobenzene
 Concen: 19.315 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

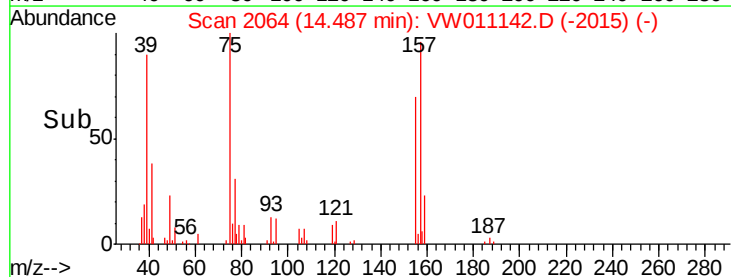
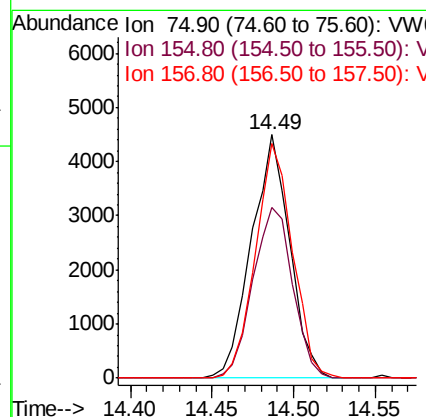
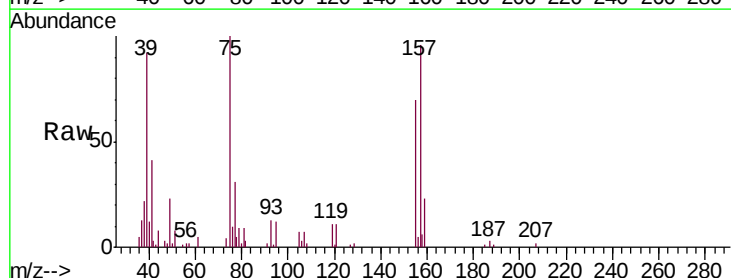
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

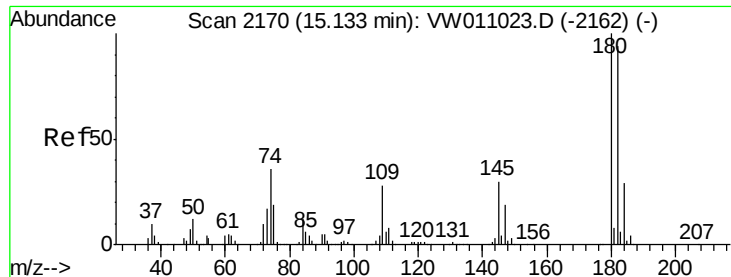
Tgt Ion:146 Resp: 91078
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 63.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.259 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion: 75 Resp: 7358
 Ion Ratio Lower Upper
 75 100
 155 72.7 37.0 110.9
 157 93.1 45.9 137.7

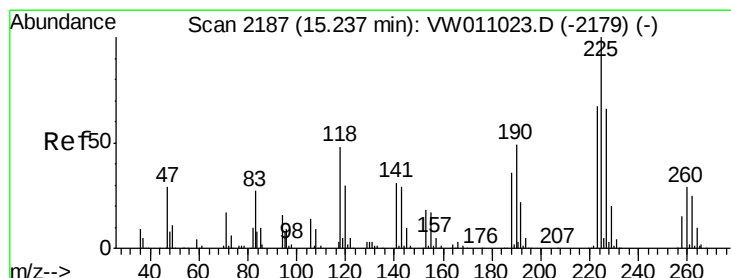
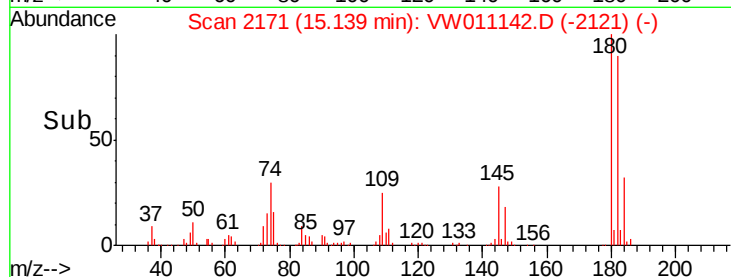
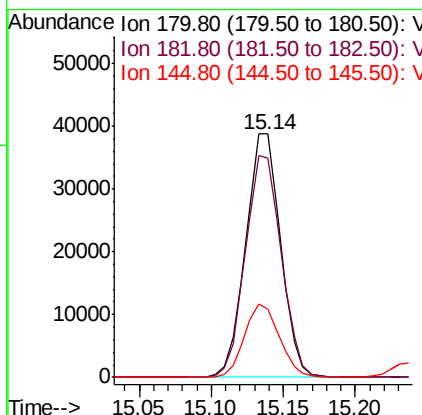
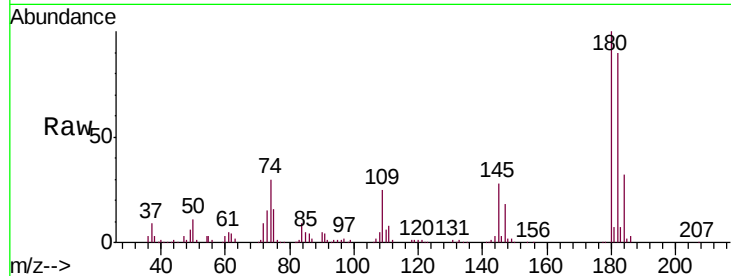




#93
 1,2,4-Trichlorobenzene
 Concen: 19.578 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

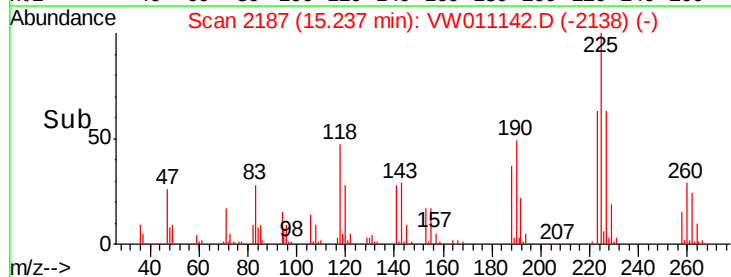
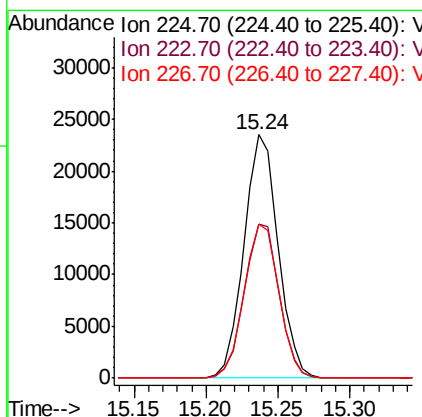
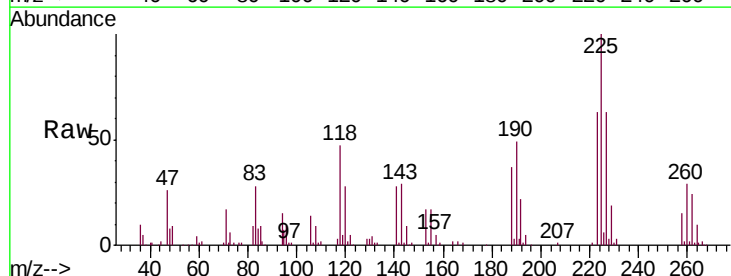
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0704SBSD01

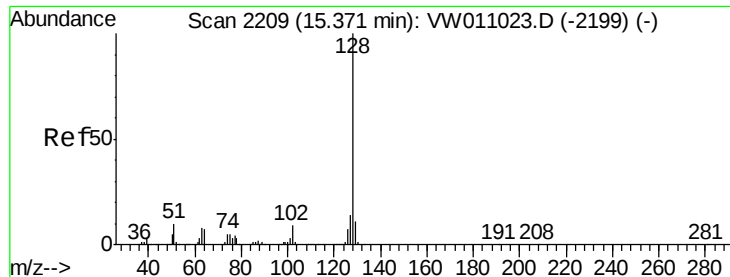
Tgt Ion:180 Resp: 64953
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.4 142.2
 145 30.1 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 19.152 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011142.D
 Acq: 03 Jul 2019 16:18

Tgt Ion:225 Resp: 38537
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.9 95.9
 227 64.0 31.9 95.9

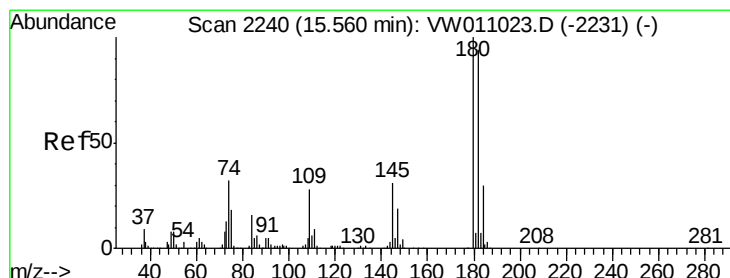
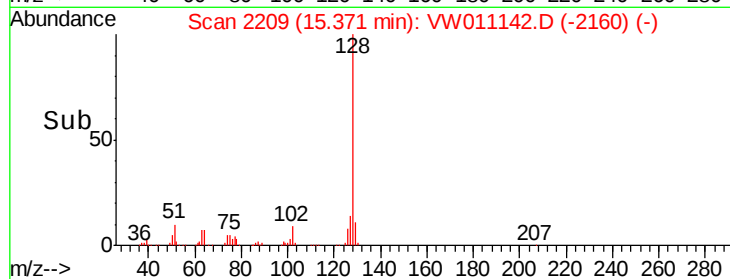
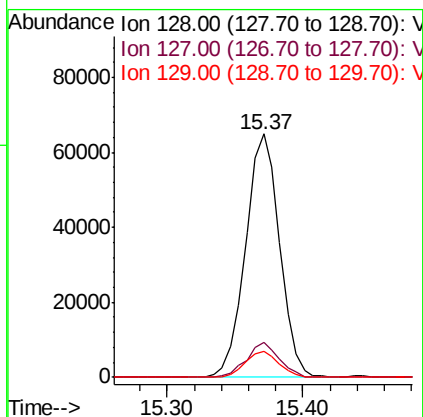
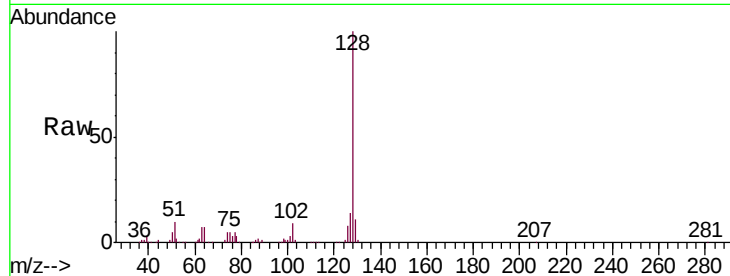




#95
Naphthalene
Concen: 18.270 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Instrument :
MSVOA_W
ClientSampleId :
VW0704SBSD01

Tgt Ion:128 Resp: 113855
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.909 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011142.D
Acq: 03 Jul 2019 16:18

Tgt Ion:180 Resp: 56016
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.7
145 32.1 16.1 48.2

