

Data File : VW006814.D
Acq On : 12 Nov 2018 18:39
Operator : SY/AP
Sample : VW1112SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Quant Time: Nov 13 02:46:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	312806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	228453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106972	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.89	113	112094	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
50) Toluene-d8	10.33	98	461004	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.62	95	170372	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56903	22.035	ug/l	99
3) Chloromethane	2.21	50	62827	21.580	ug/l	100
4) Vinyl Chloride	2.36	62	66178	21.176	ug/l	99
5) Bromomethane	2.77	94	43522	20.700	ug/l	93
6) Chloroethane	2.92	64	40999	20.331	ug/l	97
7) Trichlorofluoromethane	3.26	101	85398	20.702	ug/l	96
8) Diethyl Ether	3.69	74	25266	20.873	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	57607	20.595	ug/l	99
10) Methyl Iodide	4.28	142	71537	18.248	ug/l	99
11) Tert butyl alcohol	5.21	59	15638	104.181	ug/l	98
12) 1,1-Dichloroethene	4.04	96	47684	20.182	ug/l	98
13) Acrolein	3.90	56	18384	117.103	ug/l	100
14) Allyl chloride	4.67	41	62344	20.061	ug/l	99
15) Acrylonitrile	5.38	53	47482	103.576	ug/l	99
16) Acetone	4.14	43	32889	100.148	ug/l	98
17) Carbon Disulfide	4.39	76	149313	19.983	ug/l	99
18) Methyl Acetate	4.68	43	22314	19.864	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	120607	21.501	ug/l	95
20) Methylene Chloride	4.92	84	64302	18.202	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	56973	20.446	ug/l	96
22) Diisopropyl ether	6.32	45	134287	20.807	ug/l	98
23) Vinyl Acetate	6.26	43	395971	108.831	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86526	20.215	ug/l	99
25) 2-Butanone	7.18	43	58826	105.920	ug/l	98
26) 2,2-Dichloropropane	7.17	77	86873	20.171	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60781	20.460	ug/l	98
28) Bromochloromethane	7.52	49	30357	20.275	ug/l	100
29) Tetrahydrofuran	7.54	42	36816	103.584	ug/l	98
30) Chloroform	7.68	83	94925	20.311	ug/l	100
31) Cyclohexane	7.96	56	93843	21.418	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	95476	21.164	ug/l	100
36) 1,1-Dichloropropene	8.09	75	83979	21.495	ug/l	98
37) Ethyl Acetate	7.26	43	27863	21.810	ug/l	100
38) Carbon Tetrachloride	8.07	117	88173	20.765	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101790	20.082	ug/l	99
40) Benzene	8.33	78	222673	20.497	ug/l	98
41) Methacrylonitrile	7.49	41	16653	21.230	ug/l	98
42) 1,2-Dichloroethane	8.40	62	60547	20.802	ug/l	100
43) Isopropyl Acetate	8.43	43	52293	21.047	ug/l	99
44) Trichloroethene	9.10	130	71377	20.822	ug/l	94
45) 1,2-Dichloropropane	9.37	63	53378	21.081	ug/l	96
46) Dibromomethane	9.46	93	28532	20.244	ug/l	98
47) Bromodichloromethane	9.65	83	74143	21.209	ug/l	99
48) Methyl methacrylate	9.44	41	23580	19.357	ug/l	98
49) 1,4-Dioxane	9.47	88	8251	387.485	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	128015	102.753	ug/l	98
52) Toluene	10.39	92	151699	19.697	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69747	20.266	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	84450	20.694	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43248	20.679	ug/l	98
56) Ethyl methacrylate	10.65	69	45360	19.790	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68967	20.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	123200	107.320	ug/l	99
59) 2-Hexanone	10.98	43	87577	101.912	ug/l	99
60) Dibromochloromethane	11.13	129	51726	20.212	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41094	20.689	ug/l	97
64) Tetrachloroethene	10.87	164	64084	20.008	ug/l	97
65) Chlorobenzene	11.66	112	177843	20.057	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	58647	20.384	ug/l	100
67) Ethyl Benzene	11.74	91	298886	19.773	ug/l	99
68) m/p-Xylenes	11.84	106	243293	39.338	ug/l	99
69) o-Xylene	12.17	106	112921	19.618	ug/l	98
70) Styrene	12.18	104	180286	19.569	ug/l	99
71) Bromoform	12.35	173	30702	19.553	ug/l #	99
73) Isopropylbenzene	12.47	105	310623	19.588	ug/l	99
74) N-amyl acetate	12.27	43	48433	20.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45421	20.705	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58486	35.524	ug/l #	100
77) Bromobenzene	12.75	156	79301	19.835	ug/l	100
78) n-propylbenzene	12.81	91	370107	19.775	ug/l	100
79) 2-Chlorotoluene	12.90	91	206776	19.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	268968	19.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13119	19.710	ug/l	98
82) 4-Chlorotoluene	12.99	91	220749	19.704	ug/l	100
83) tert-Butylbenzene	13.21	119	235082	19.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	273883	19.742	ug/l	99
85) sec-Butylbenzene	13.39	105	334514	19.590	ug/l	100
86) p-Isopropyltoluene	13.51	119	307019	19.767	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	160535	19.702	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	160695	19.933	ug/l	99
89) n-Butylbenzene	13.83	91	279842	19.715	ug/l	99
90) Hexachloroethane	14.10	117	47365	19.058	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	141349	19.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7064	20.114	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	106053	19.795	ug/l	99
94) Hexachlorobutadiene	15.24	225	66571	19.610	ug/l	98
95) Naphthalene	15.38	128	156326	19.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89552	19.478	ug/l	99

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

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Acq On : 12 Nov 2018 18:39

Operator : SY/AP

Sample : VW1112SBSD01

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

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ALS Vial      : 10      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

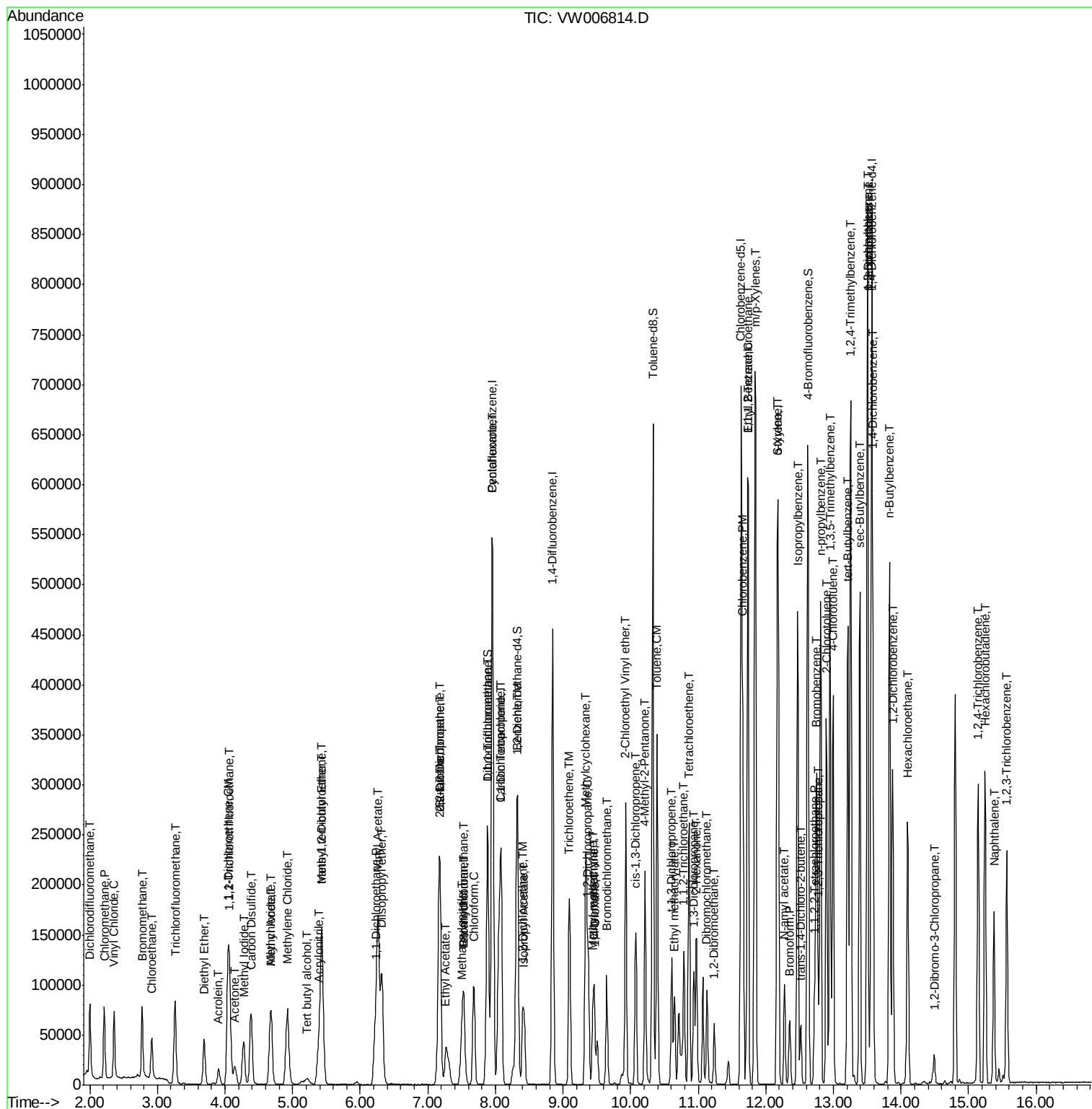
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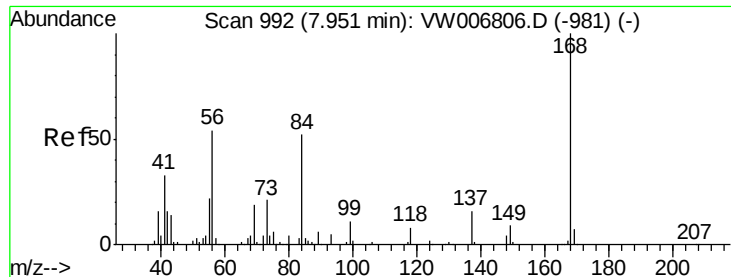
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Quant Title : SW846 8260

QLast Update : Mon Nov 12 14:58:58 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

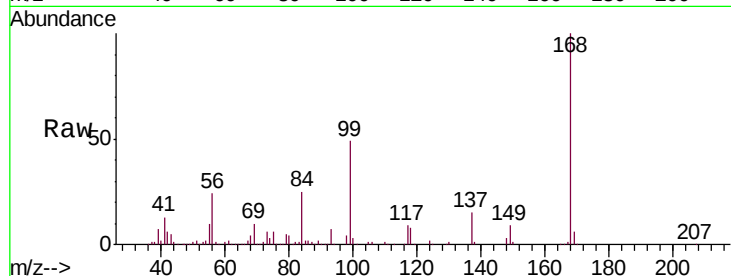
VW1112SBSD01

Tgt Ion:168 Resp: 312806

Ion Ratio Lower Upper

168 100

99 48.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

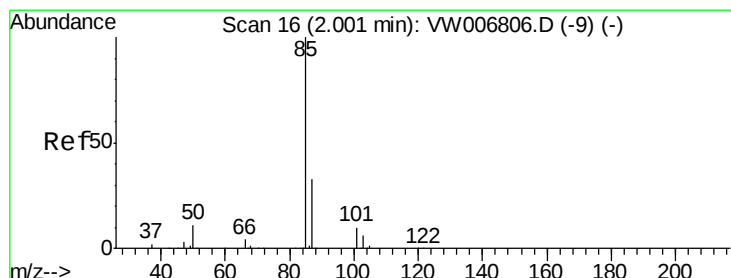
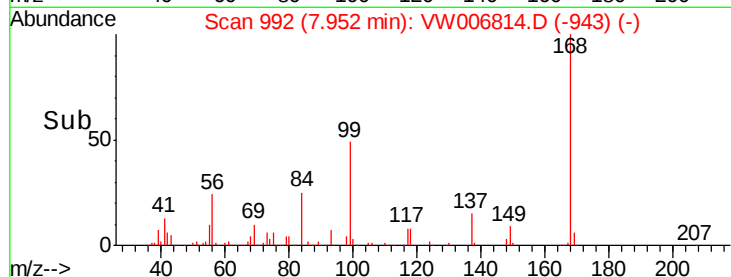
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.035 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006814.D

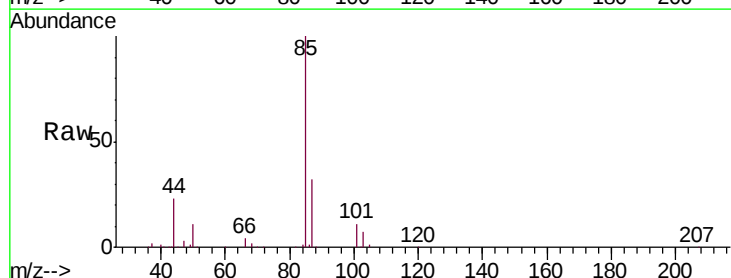
Acq: 12 Nov 2018 18:39

Tgt Ion: 85 Resp: 56903

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

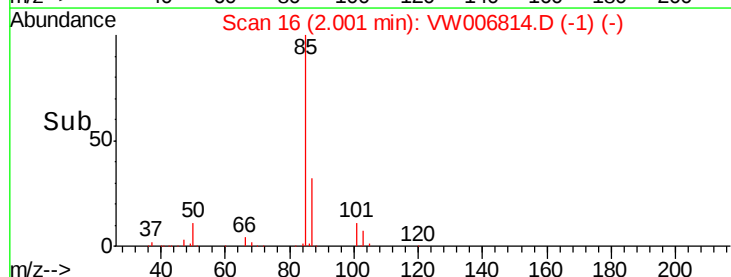
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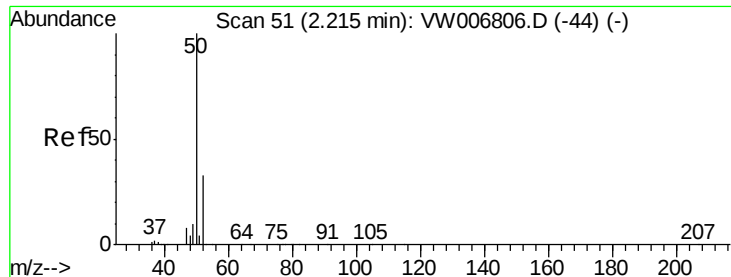
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1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.580 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

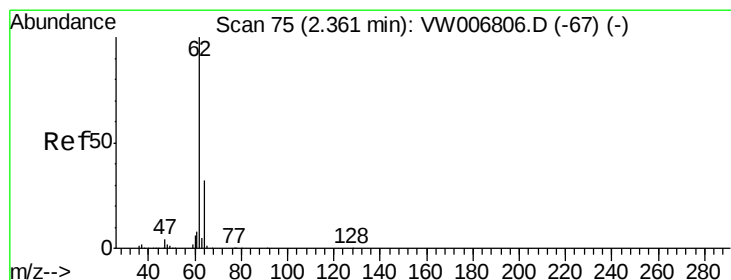
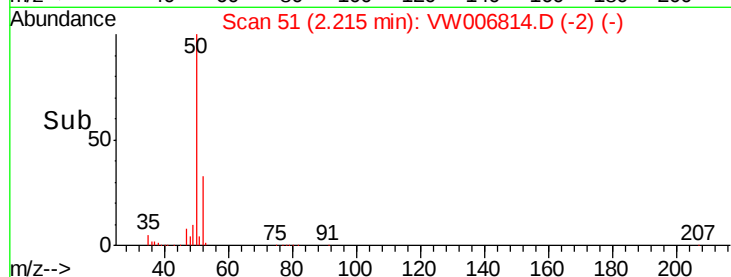
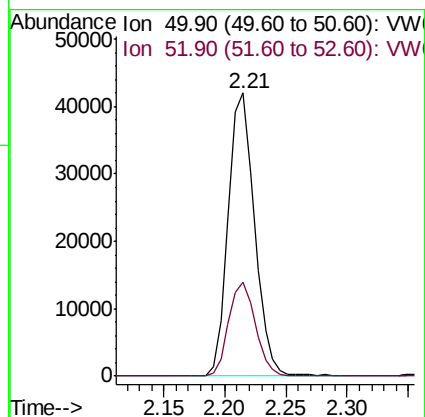
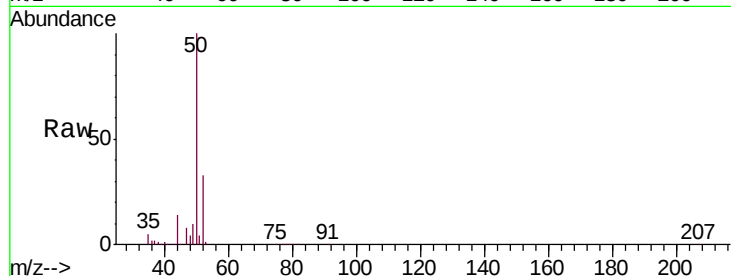
VW1112SBSD01

Tgt Ion: 50 Resp: 62827

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 21.176 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006814.D

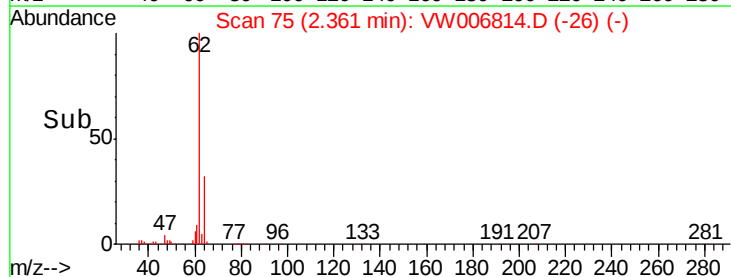
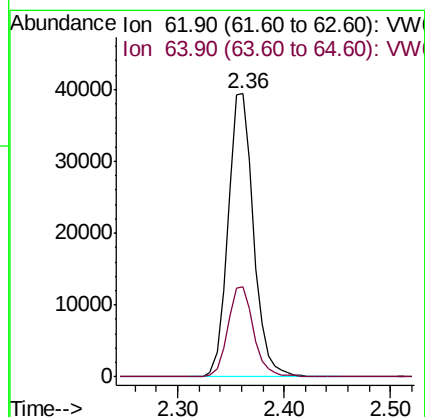
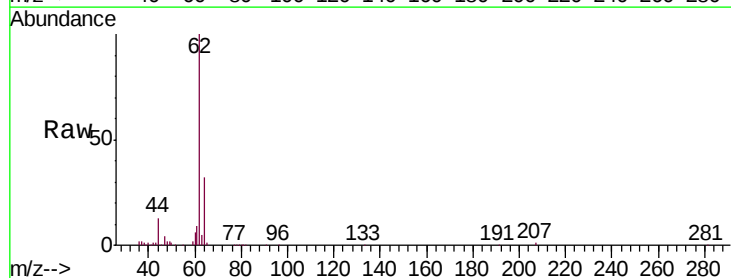
Acq: 12 Nov 2018 18:39

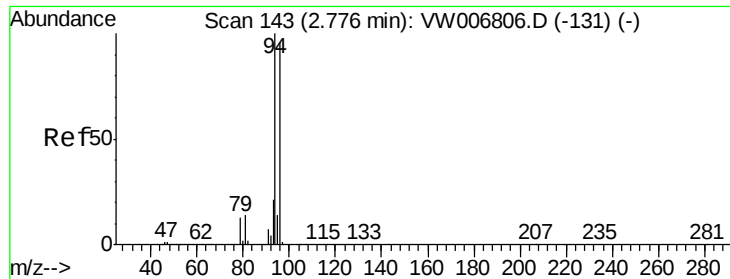
Tgt Ion: 62 Resp: 66178

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 20.700 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

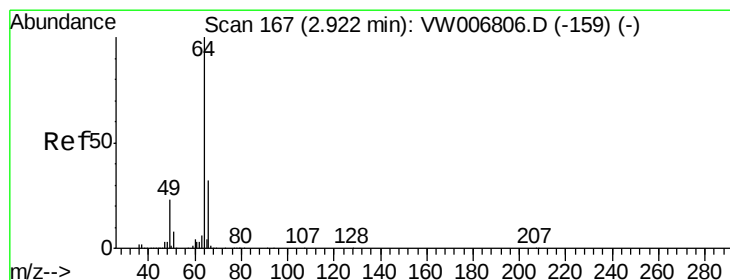
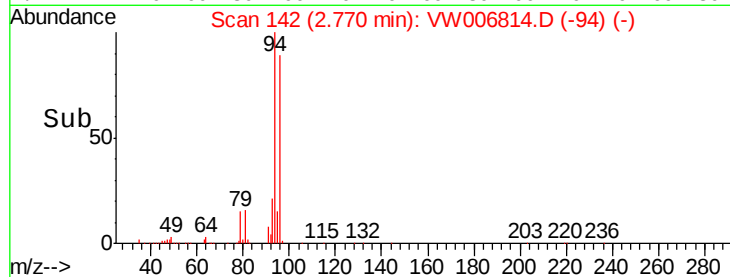
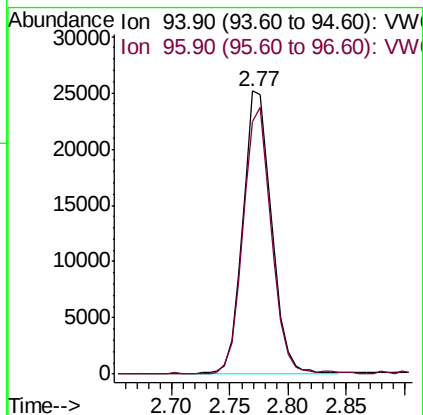
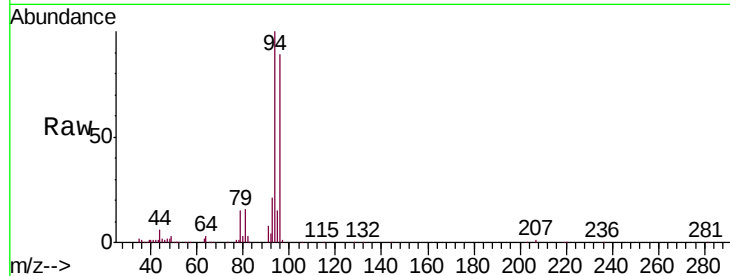
VW1112SBSD01

Tgt Ion: 94 Resp: 43522

Ion Ratio Lower Upper

94 100

96 89.2 76.8 115.2



#6

Chloroethane

Concen: 20.331 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006814.D

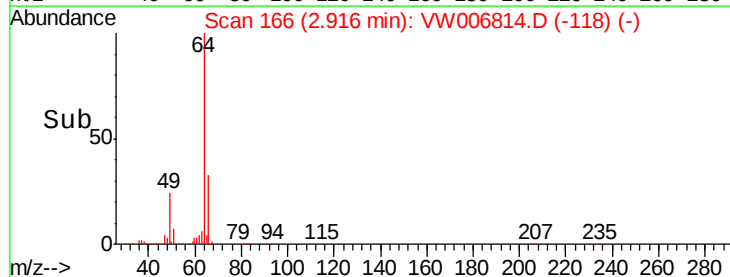
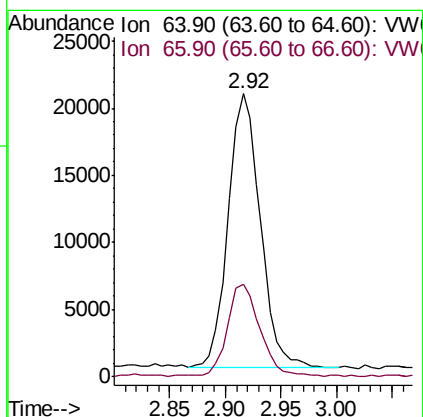
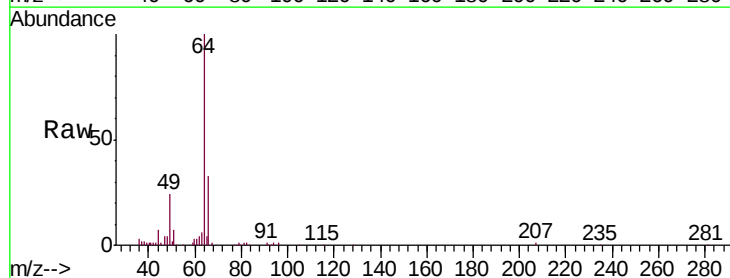
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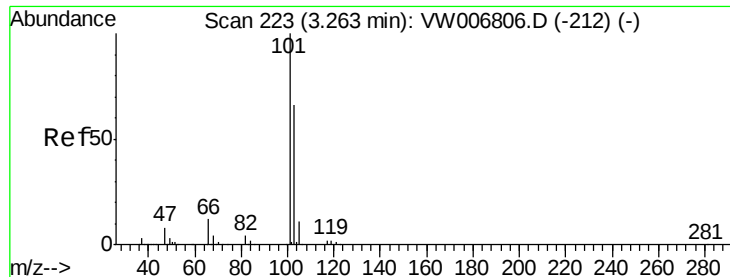
Tgt Ion: 64 Resp: 40999

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3



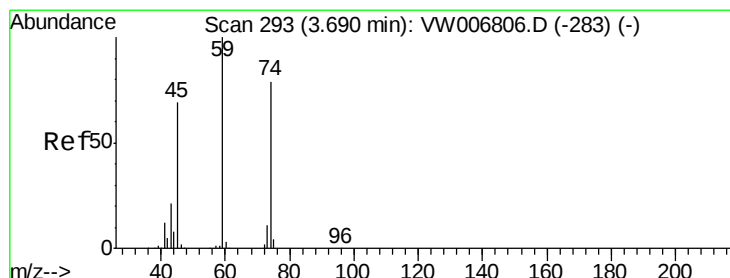
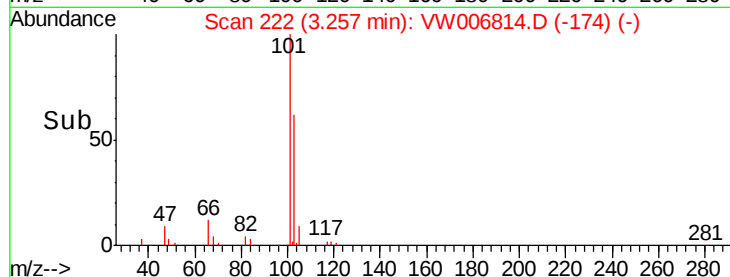
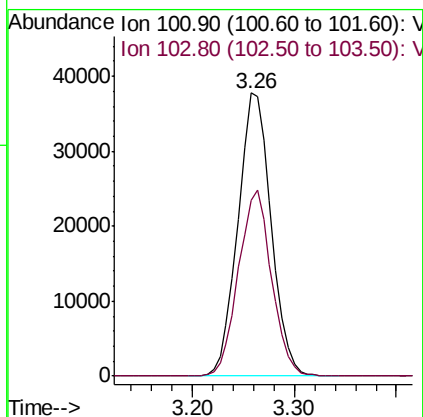
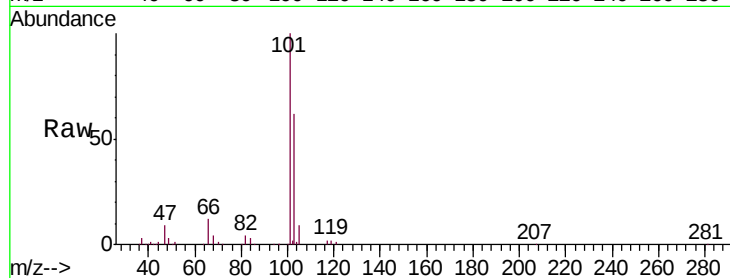


#7

Trichlorofluoromethane
Concen: 20.702 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
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VW1112SBSD01

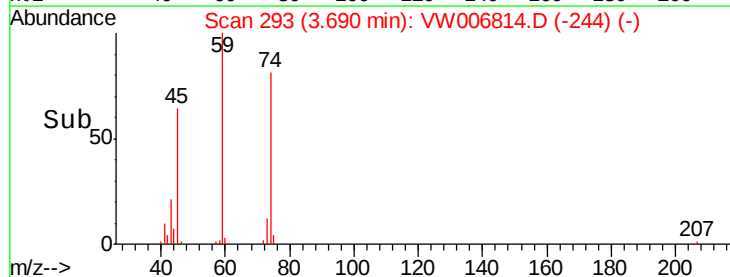
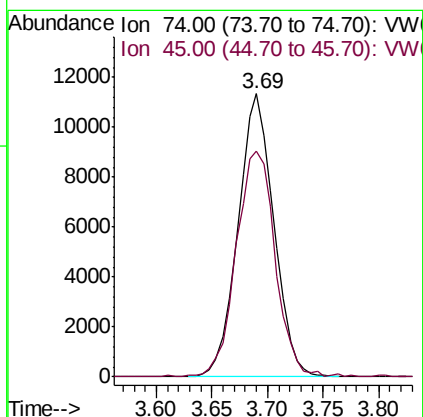
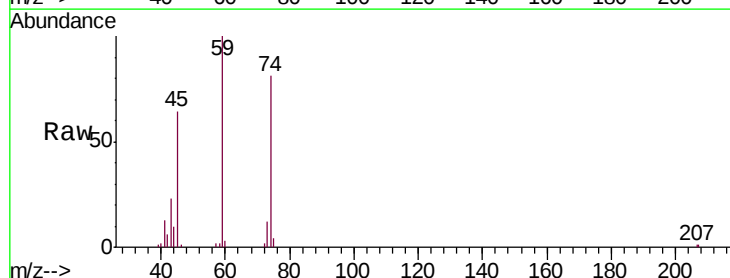
Tgt Ion:101 Resp: 85398
Ion Ratio Lower Upper
101 100
103 62.3 52.6 79.0

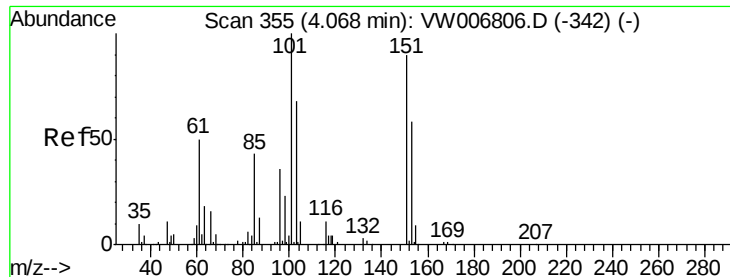


#8

Diethyl Ether
Concen: 20.873 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 74 Resp: 25266
Ion Ratio Lower Upper
74 100
45 86.9 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.595 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

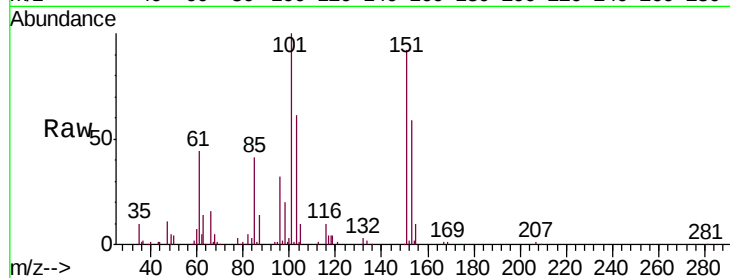
Tgt Ion:101 Resp: 57607

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.8

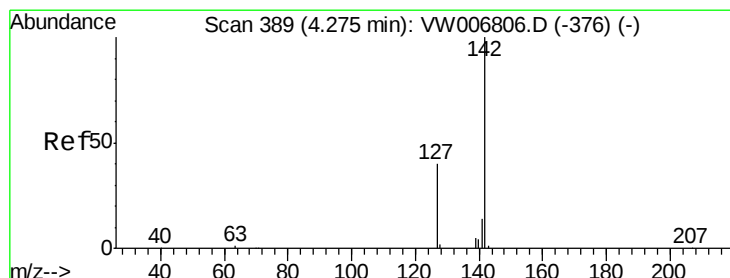
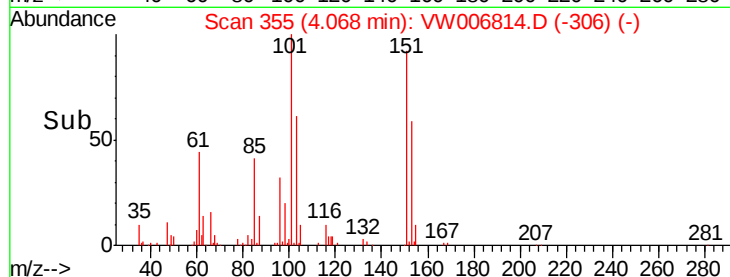
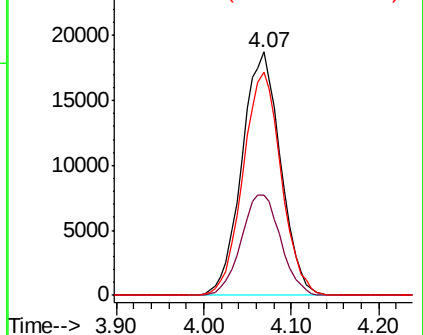
151 90.4 71.4 107.0



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: 18.248 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

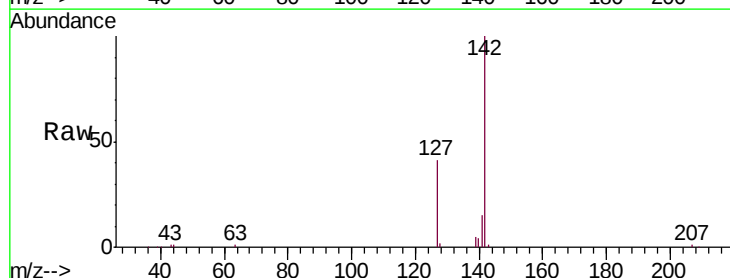
Tgt Ion:142 Resp: 71537

Ion Ratio Lower Upper

142 100

127 40.3 31.8 47.8

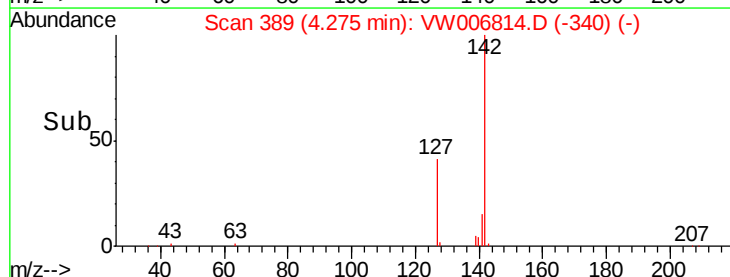
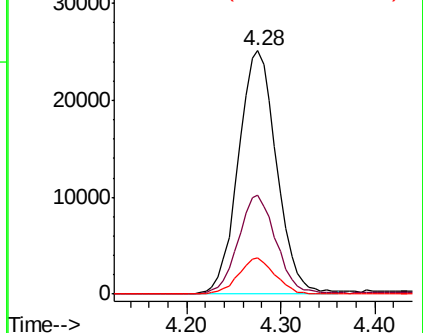
141 14.1 11.5 17.3

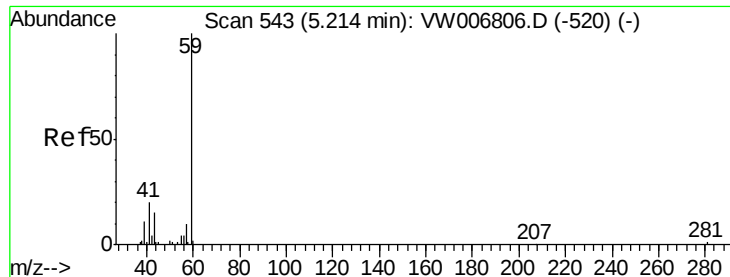


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



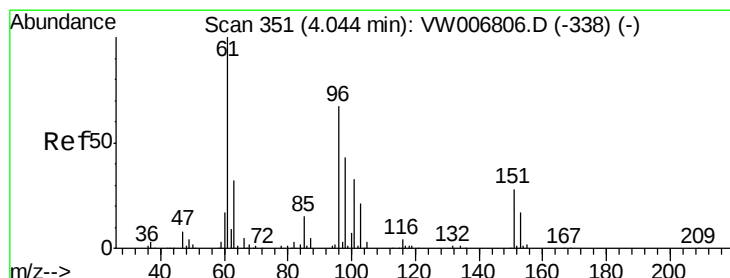
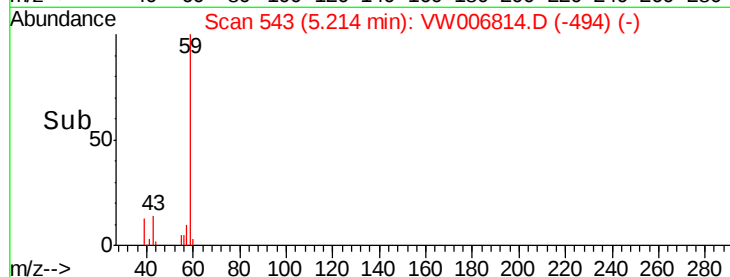
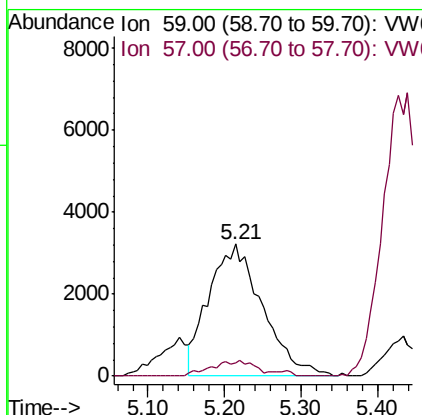
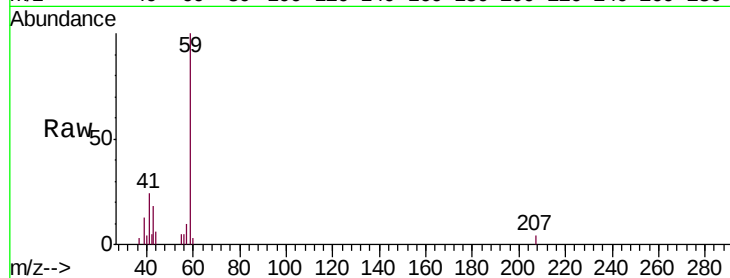


#11

Tert butyl alcohol
 Concen: 104.181 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

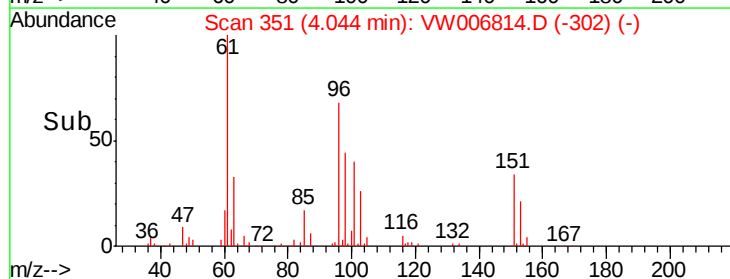
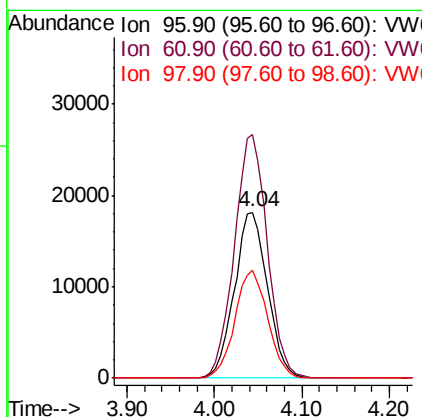
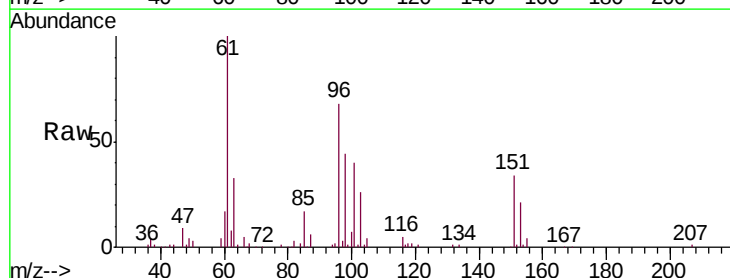
Tgt Ion: 59 Resp: 15638
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5

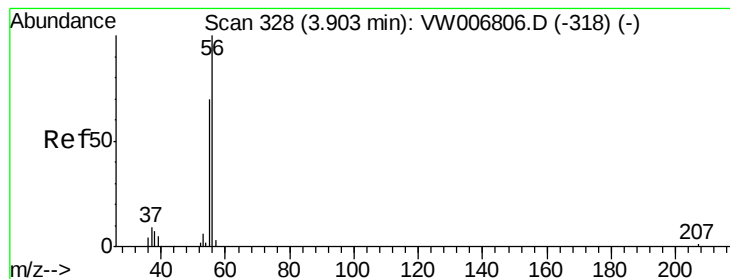


#12

1,1-Dichloroethene
 Concen: 20.182 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 96 Resp: 47684
 Ion Ratio Lower Upper
 96 100
 61 146.9 119.8 179.6
 98 65.3 51.5 77.3





#13

Acrolein

Concen: 117.103 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

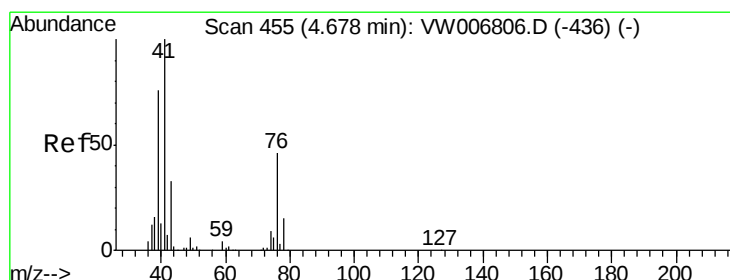
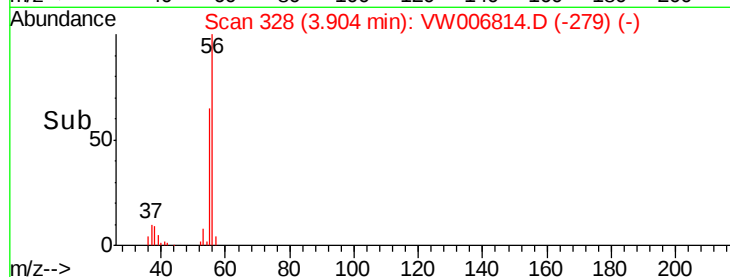
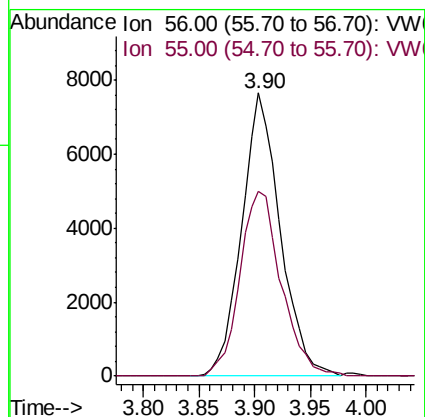
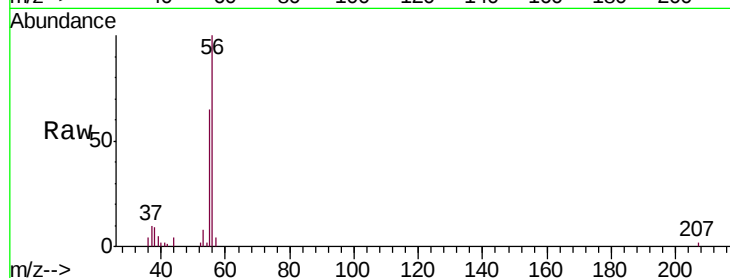
VW1112SBSD01

Tgt Ion: 56 Resp: 18384

Ion Ratio Lower Upper

56 100

55 70.2 56.1 84.1



#14

Allyl chloride

Concen: 20.061 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

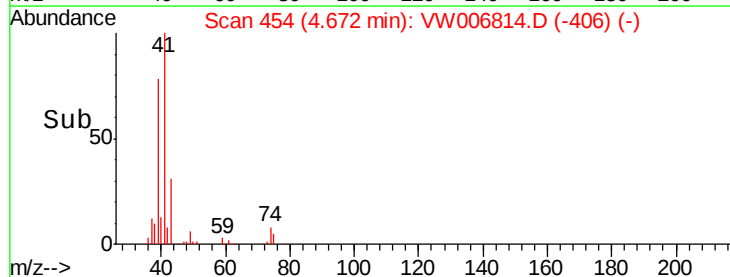
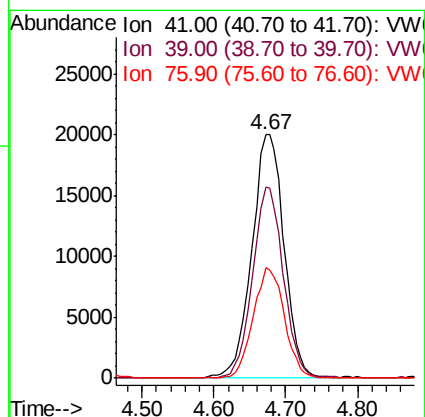
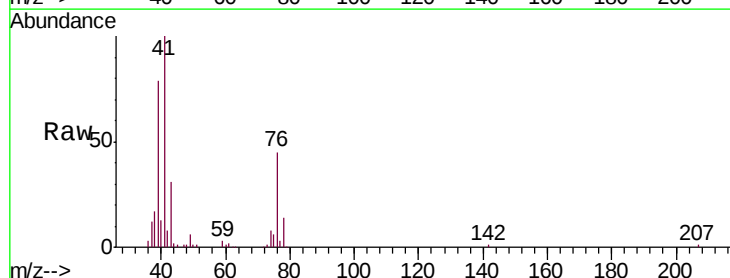
Tgt Ion: 41 Resp: 62344

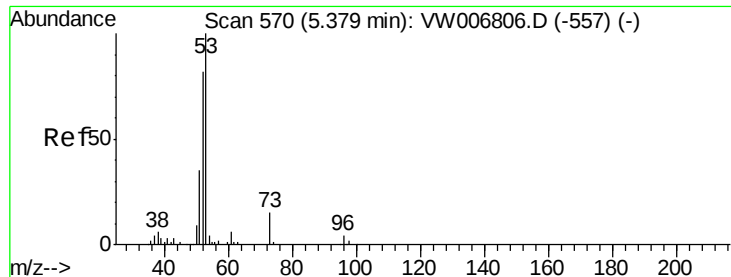
Ion Ratio Lower Upper

41 100

39 74.8 58.9 88.3

76 43.3 34.4 51.6





#15

Acrylonitrile

Concen: 103.576 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

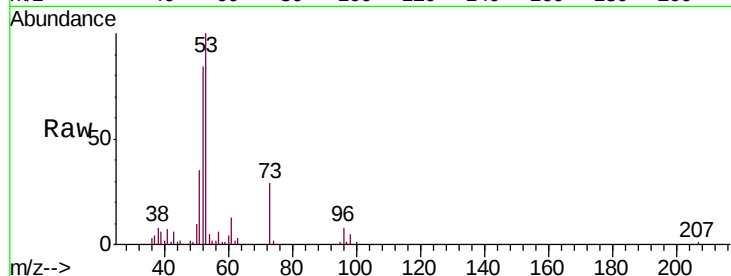
Tgt Ion: 53 Resp: 47482

Ion Ratio Lower Upper

53 100

52 82.1 65.2 97.8

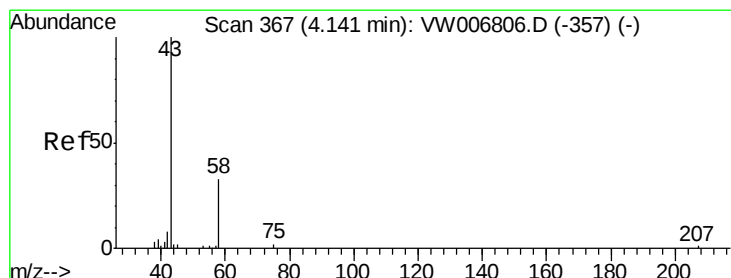
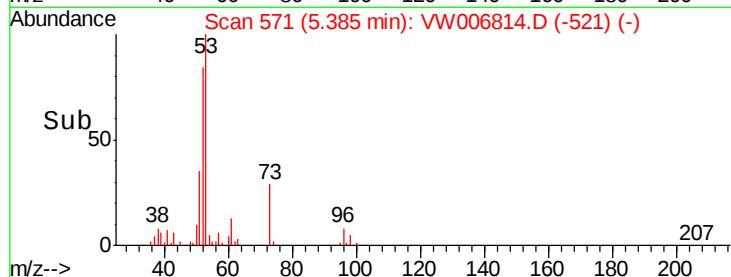
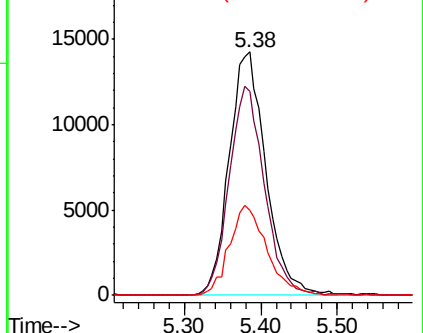
51 37.9 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 100.148 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006814.D

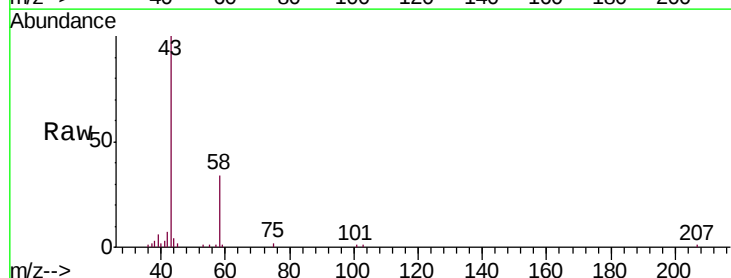
Acq: 12 Nov 2018 18:39

Tgt Ion: 43 Resp: 32889

Ion Ratio Lower Upper

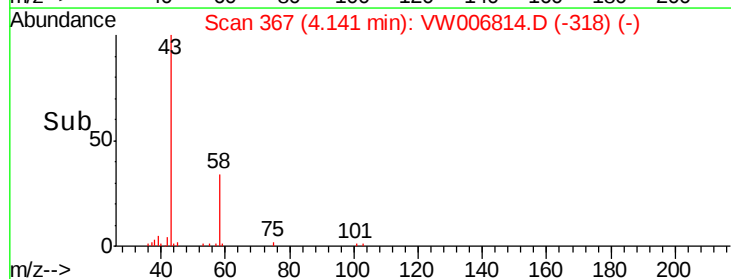
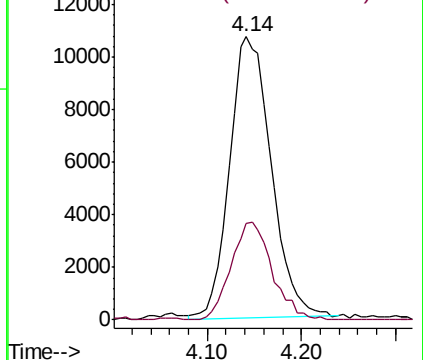
43 100

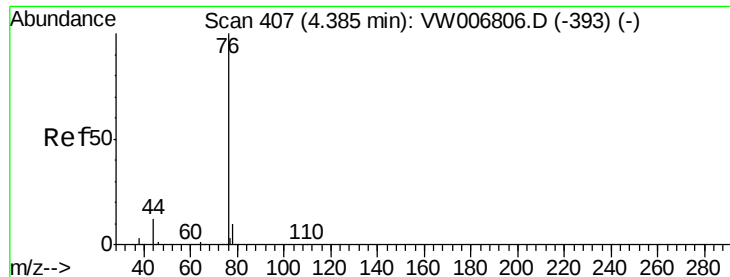
58 34.4 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 19.983 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

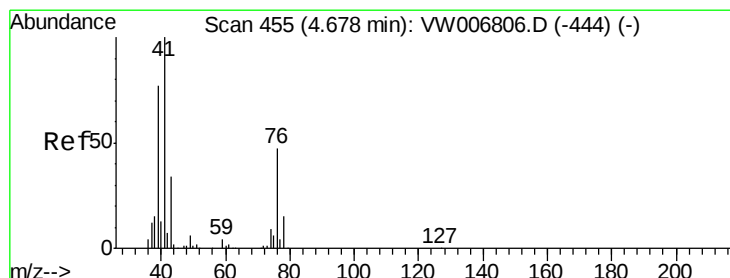
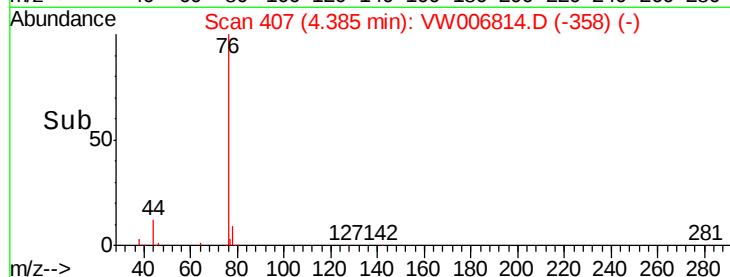
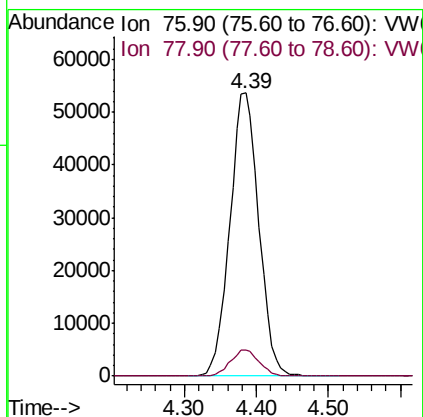
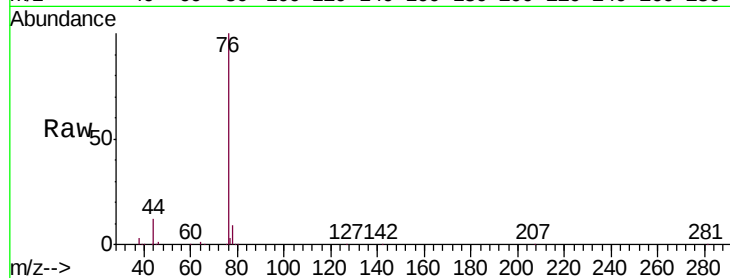
VW1112SBSD01

Tgt Ion: 76 Resp: 149313

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4



#18

Methyl Acetate

Concen: 19.864 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006814.D

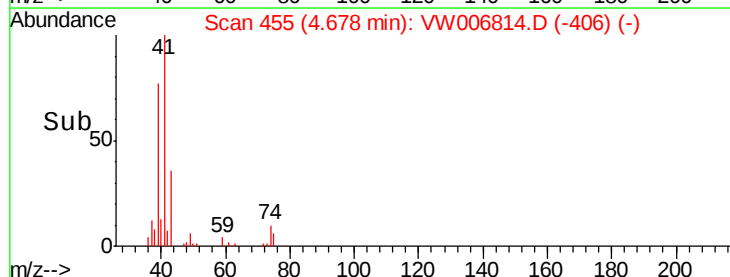
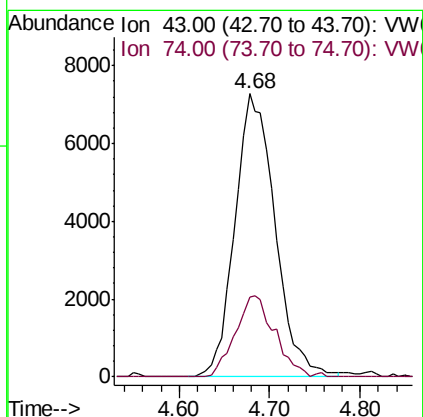
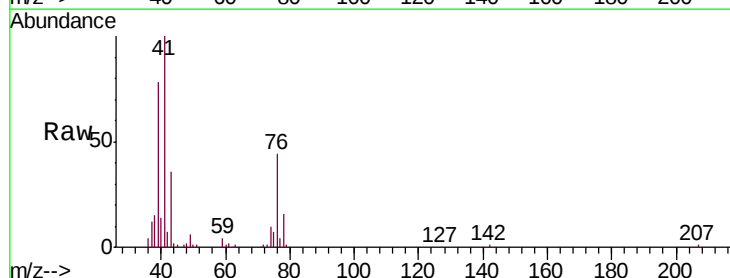
Acq: 12 Nov 2018 18:39

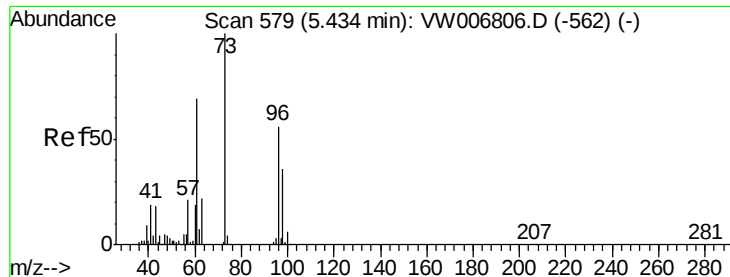
Tgt Ion: 43 Resp: 22314

Ion Ratio Lower Upper

43 100

74 27.9 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 21.501 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

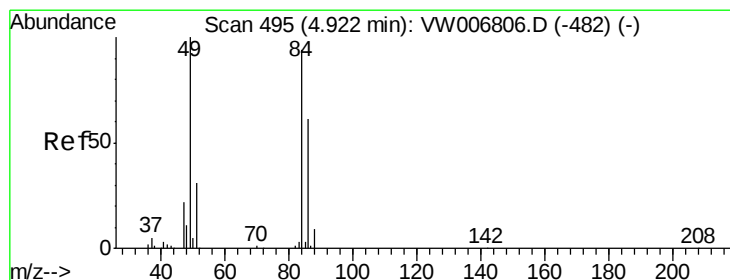
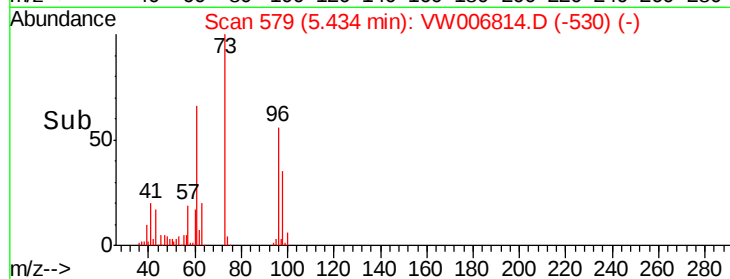
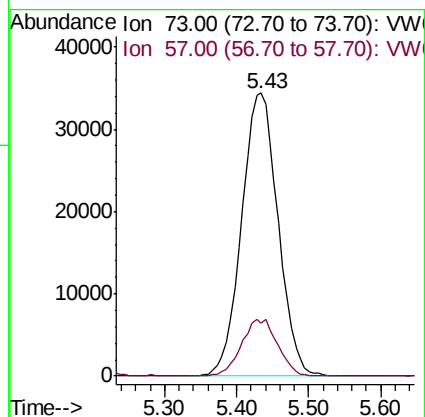
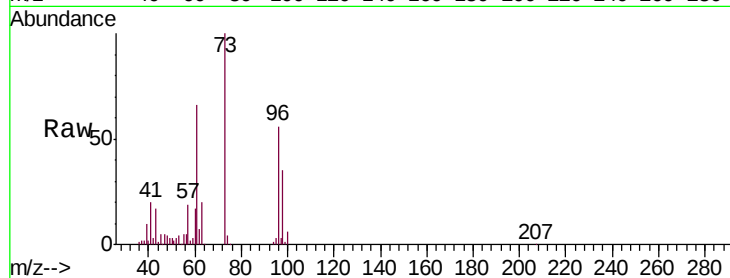
VW1112SBSD01

Tgt Ion: 73 Resp: 120607

Ion Ratio Lower Upper

73 100

57 18.5 16.8 25.2



#20

Methylene Chloride

Concen: 18.202 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion: 84 Resp: 64302

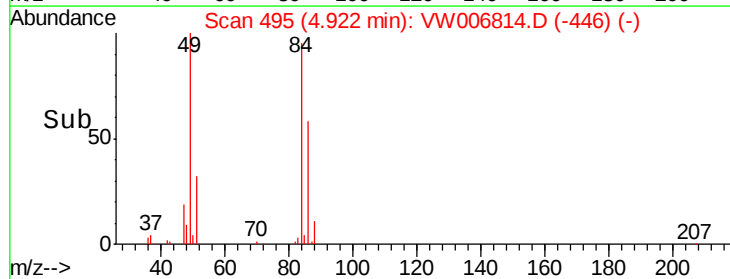
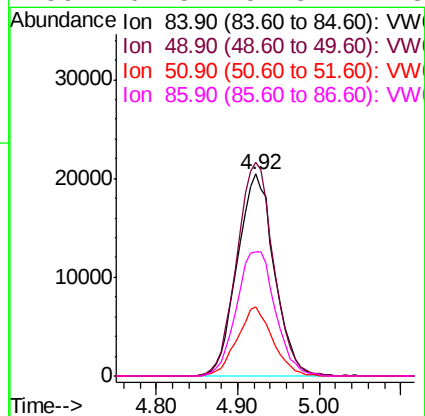
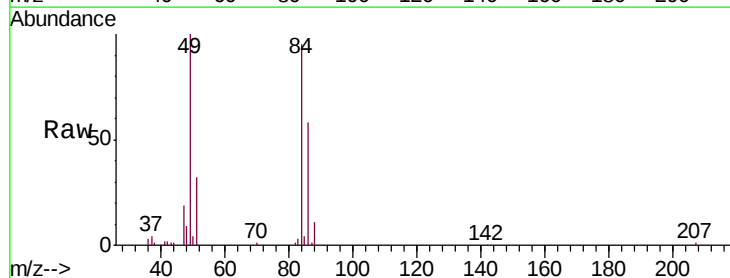
Ion Ratio Lower Upper

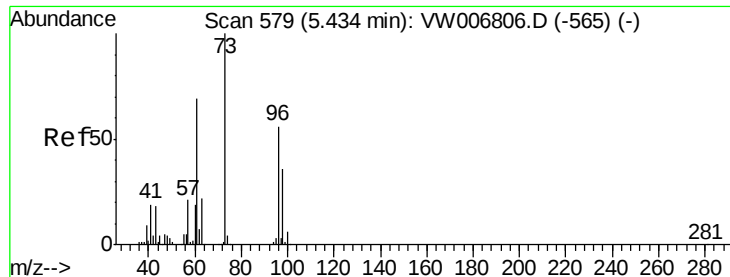
84 100

49 105.7 84.8 127.2

51 34.0 26.2 39.4

86 61.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.446 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

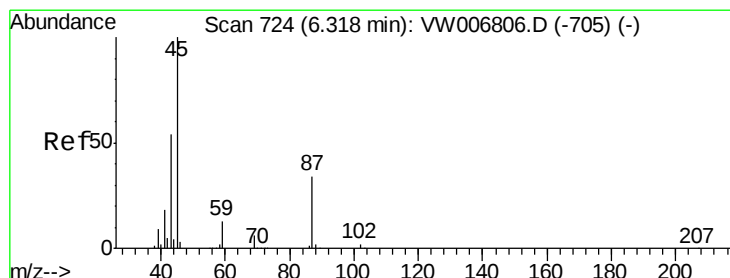
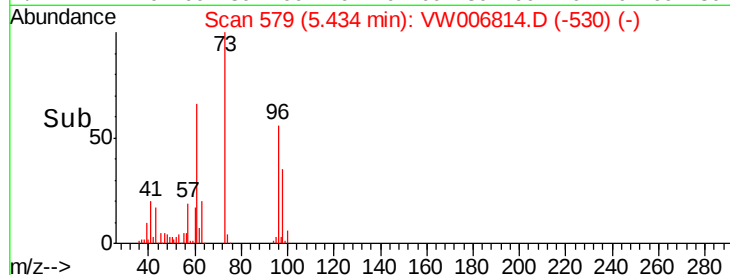
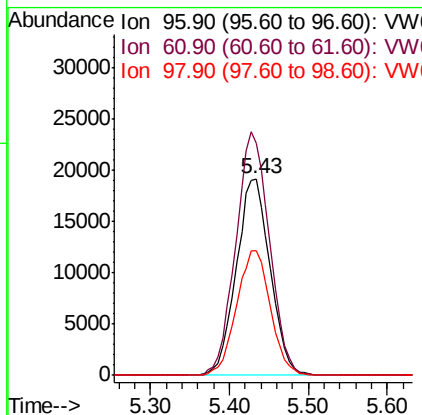
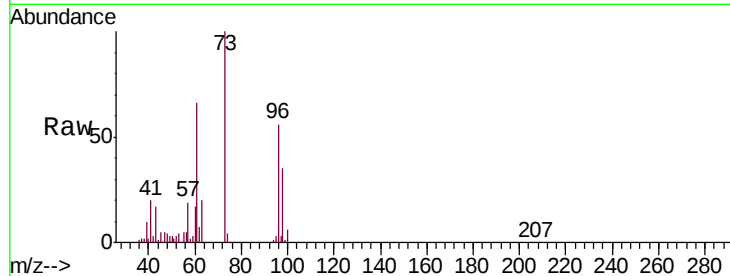
Tgt Ion: 96 Resp: 56973

Ion Ratio Lower Upper

96 100

61 117.8 98.7 148.1

98 63.3 51.2 76.8



#22

Diisopropyl ether

Concen: 20.807 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion: 45 Resp: 134287

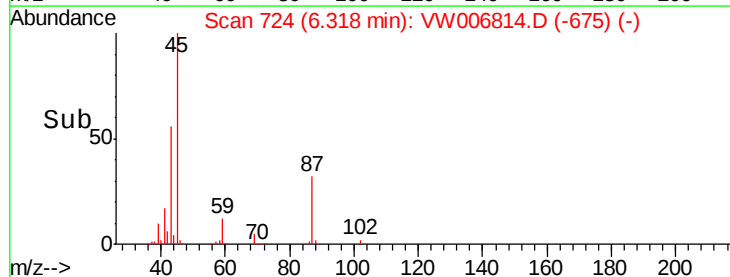
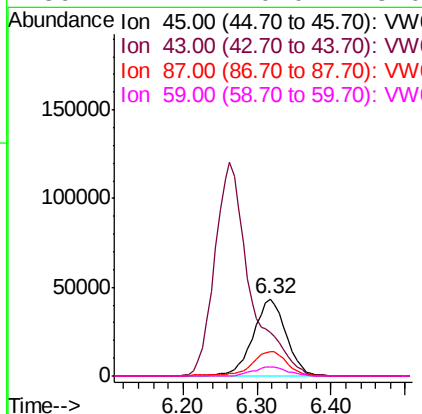
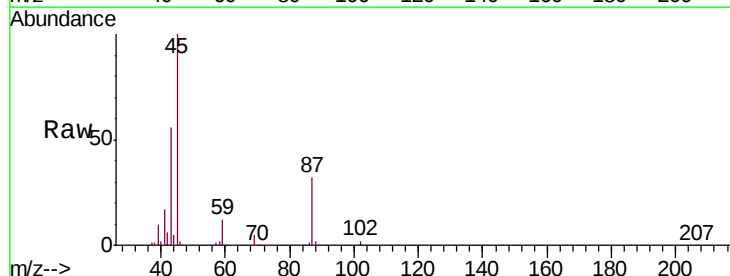
Ion Ratio Lower Upper

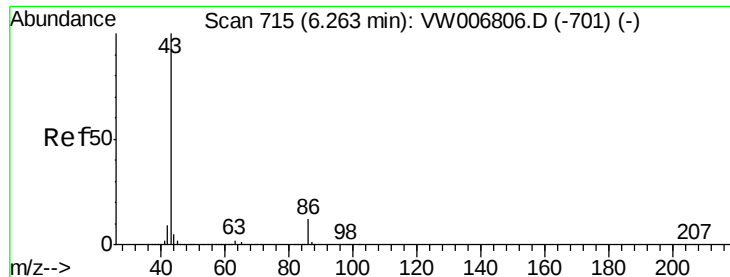
45 100

43 55.9 43.7 65.5

87 32.0 27.2 40.8

59 11.7 10.0 15.0





#23

Vinyl Acetate

Concen: 108.831 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

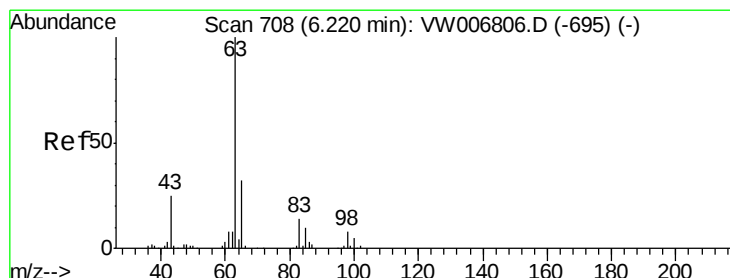
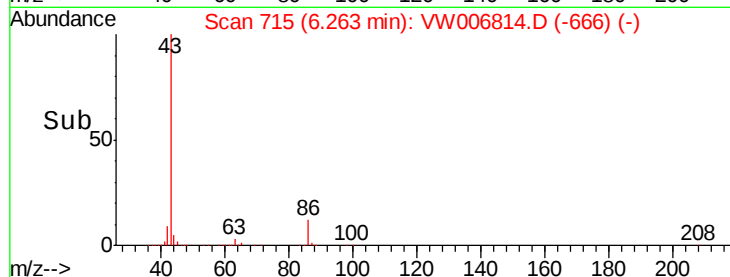
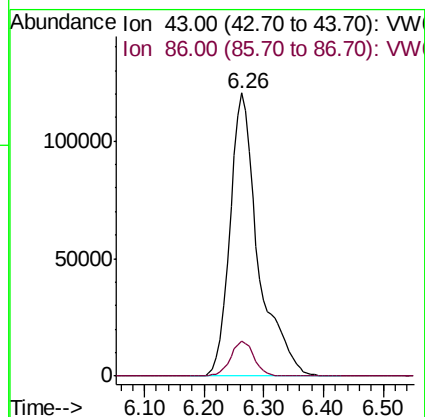
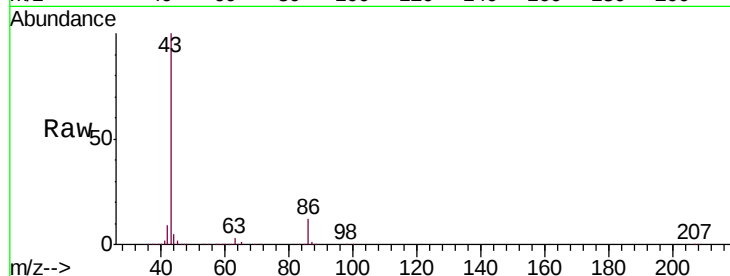
VW1112SBSD01

Tgt Ion: 43 Resp: 395971

Ion Ratio Lower Upper

43 100

86 12.4 9.6 14.4



#24

1,1-Dichloroethane

Concen: 20.215 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

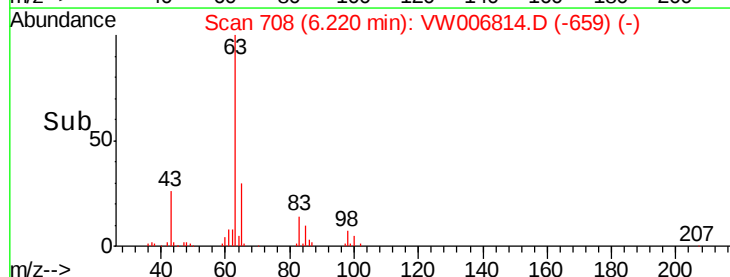
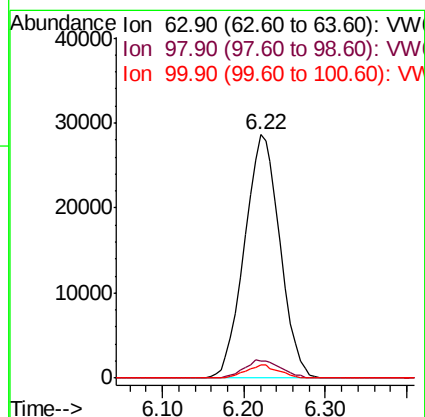
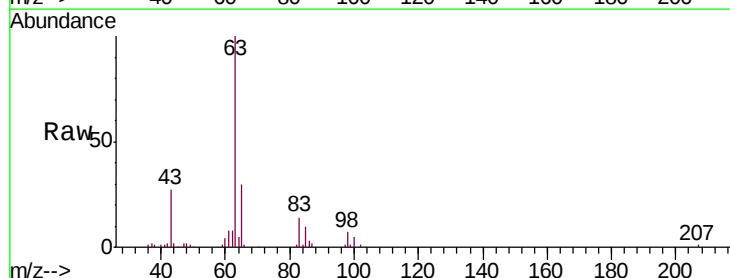
Tgt Ion: 63 Resp: 86526

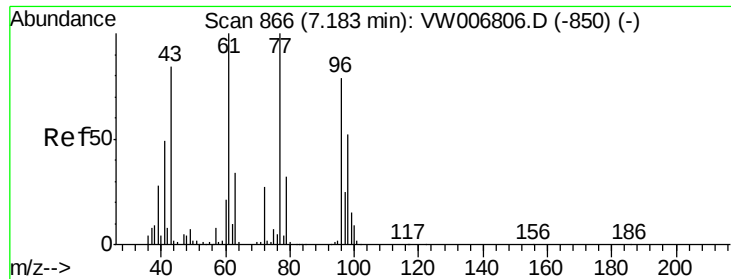
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 105.920 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

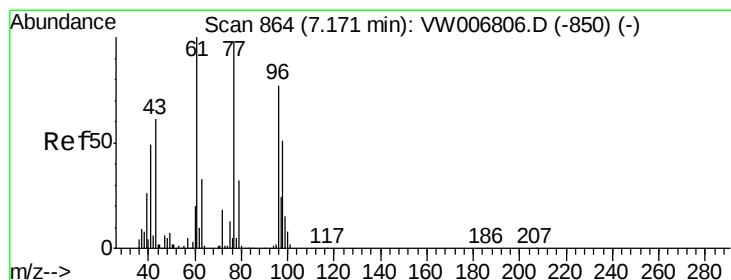
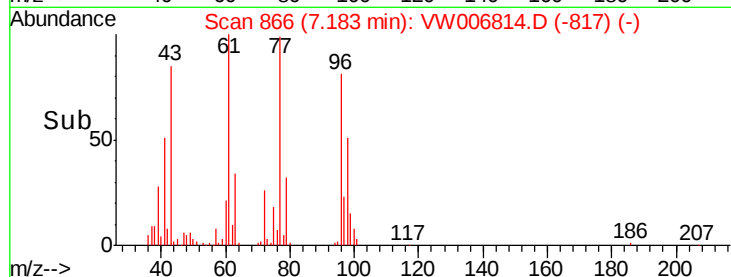
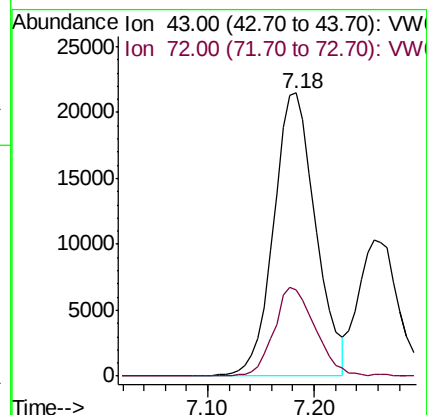
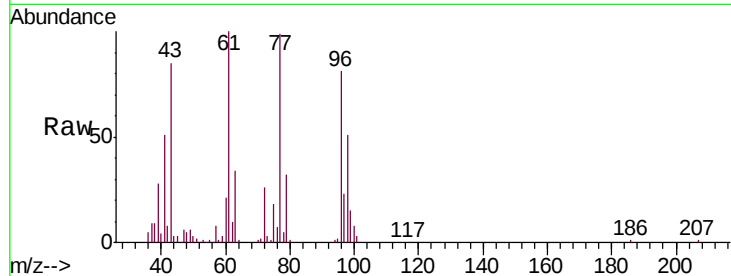
VW1112SBSD01

Tgt Ion: 43 Resp: 58826

Ion Ratio Lower Upper

43 100

72 30.5 25.3 37.9



#26

2,2-Dichloropropane

Concen: 20.171 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006814.D

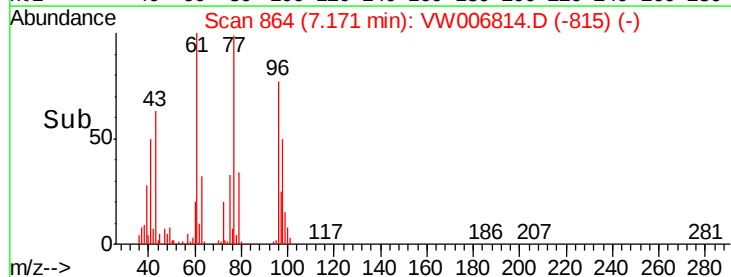
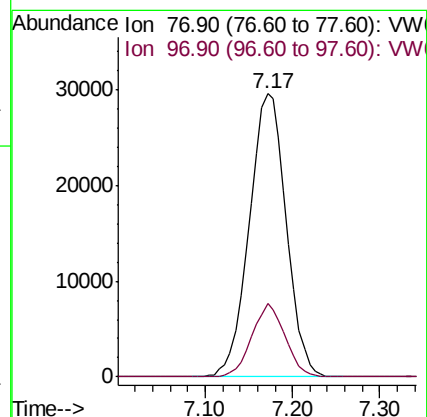
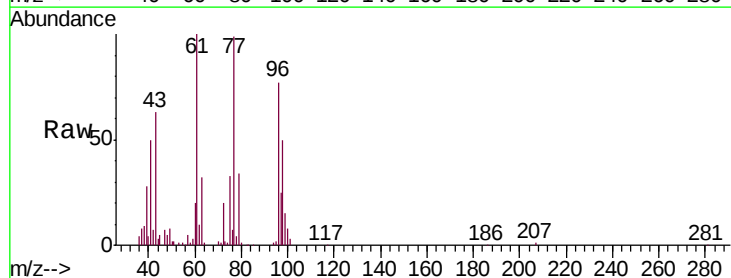
Acq: 12 Nov 2018 18:39

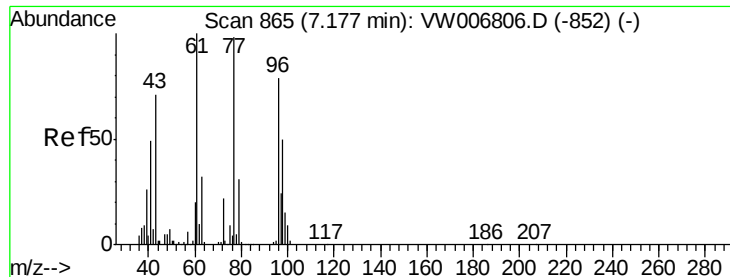
Tgt Ion: 77 Resp: 86873

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1



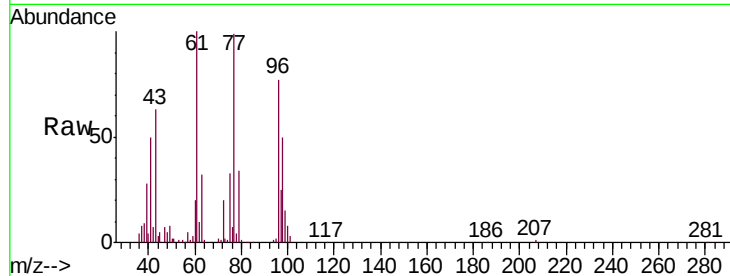


#27

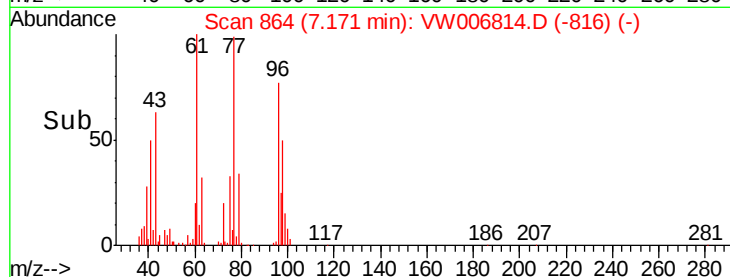
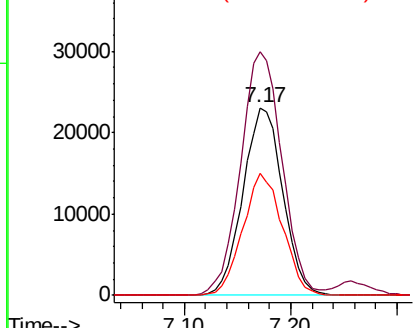
cis-1,2-Dichloroethene
 Concen: 20.460 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion: 96 Resp: 60781
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 264.0
 98 64.6 0.0 131.0



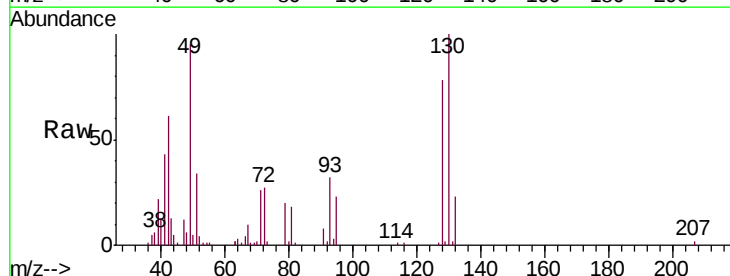
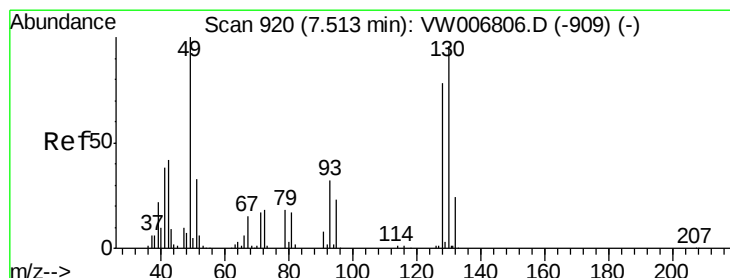
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



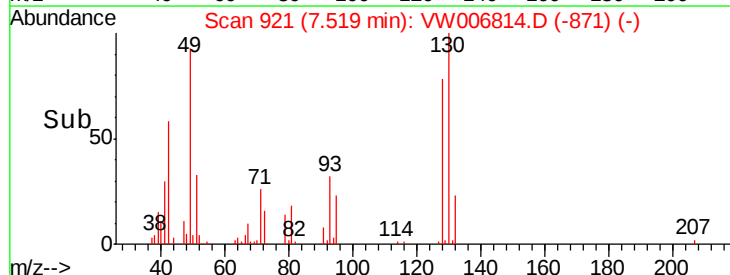
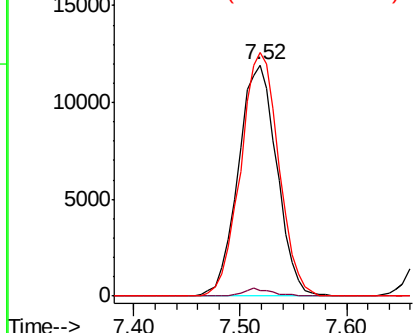
#28

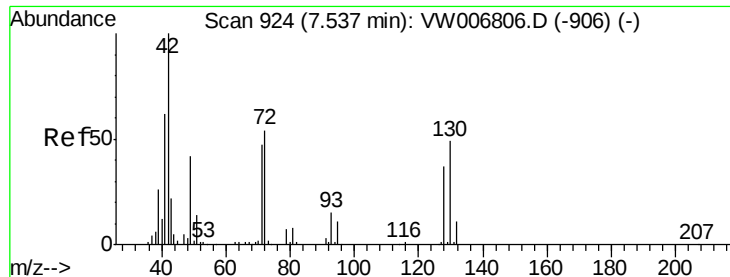
Bromochloromethane
 Concen: 20.275 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 49 Resp: 30357
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 104.2 83.3 124.9



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

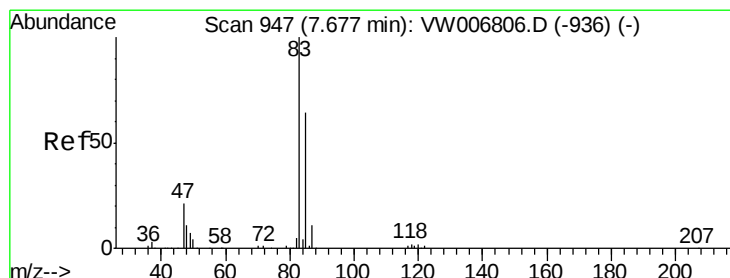
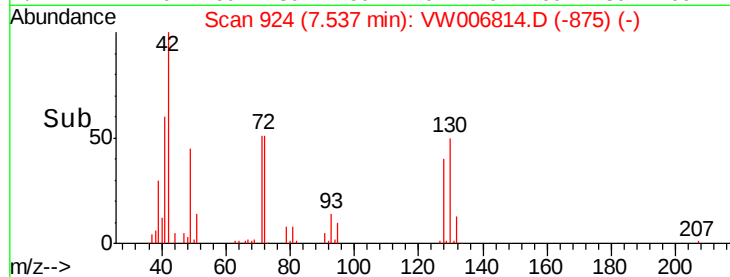
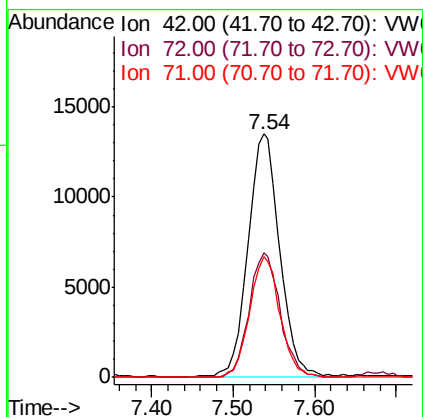
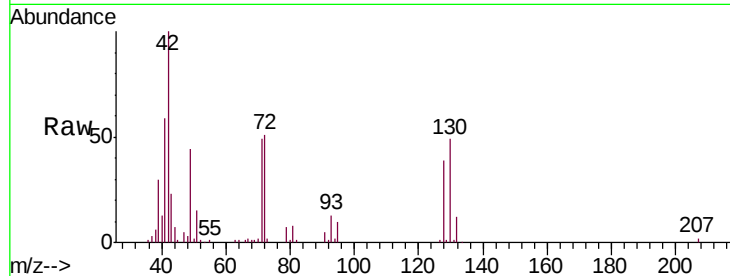




#29
Tetrahydrofuran
Concen: 103.584 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

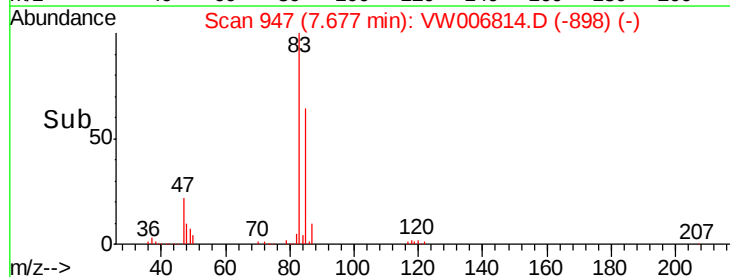
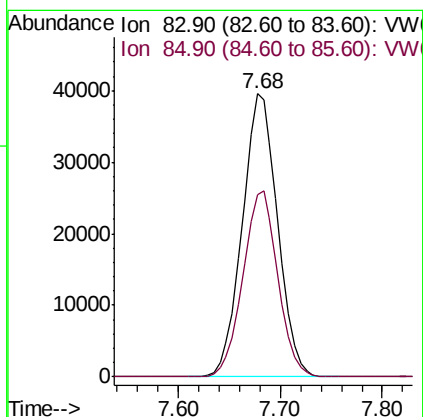
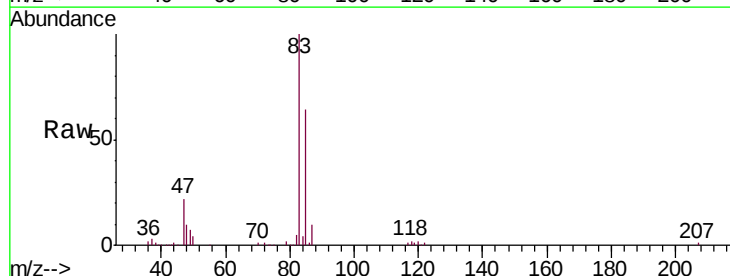
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

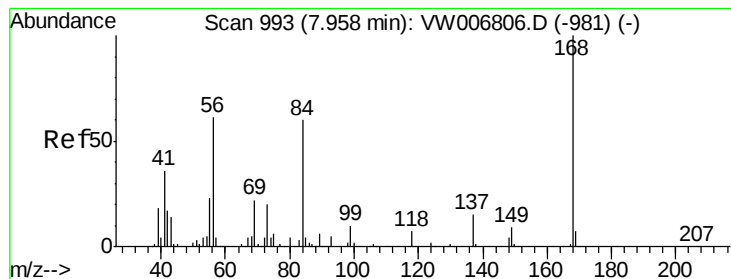
Tgt Ion: 42 Resp: 36816
Ion Ratio Lower Upper
42 100
72 49.7 40.9 61.3
71 47.1 36.9 55.3



#30
Chloroform
Concen: 20.311 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 83 Resp: 94925
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3





#31

Cyclohexane

Concen: 21.418 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

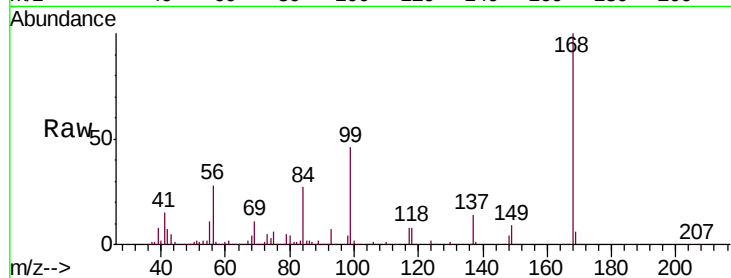
Tgt Ion: 56 Resp: 93843

Ion Ratio Lower Upper

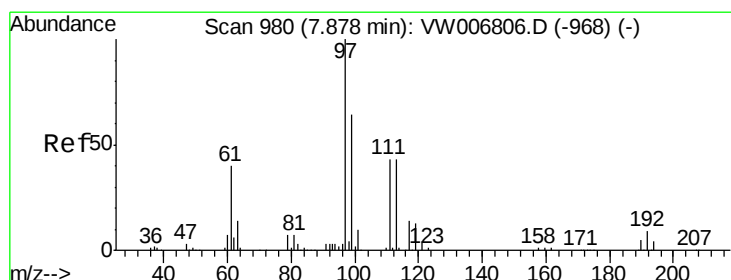
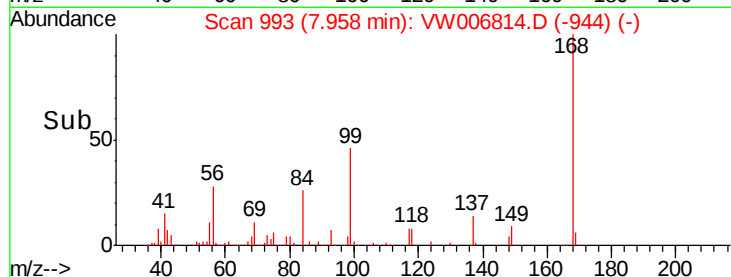
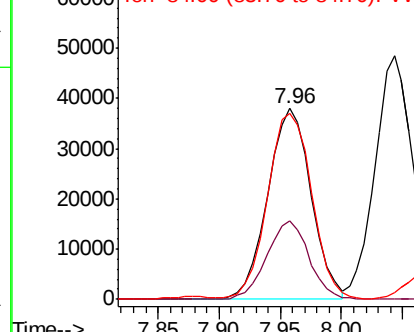
56 100

69 40.8 28.9 43.3

84 96.1 79.0 118.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.164 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

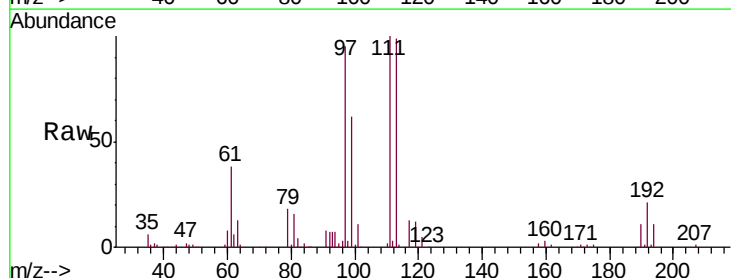
Tgt Ion: 97 Resp: 95476

Ion Ratio Lower Upper

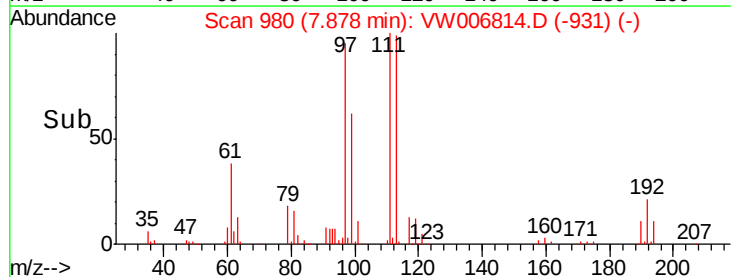
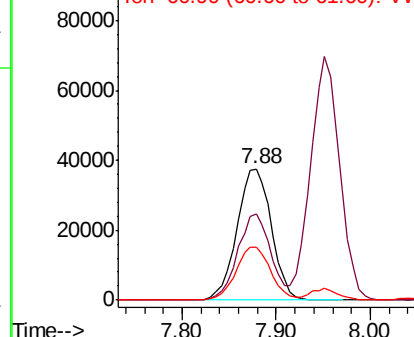
97 100

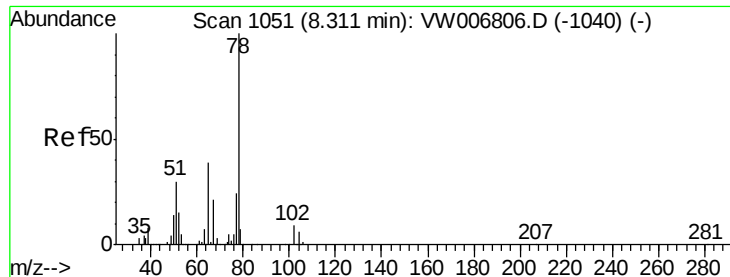
99 64.3 51.6 77.4

61 40.6 32.2 48.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 46.780 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

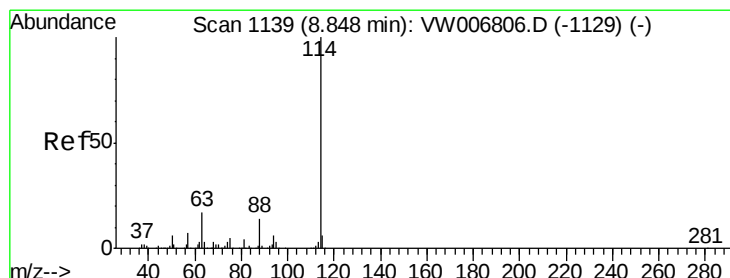
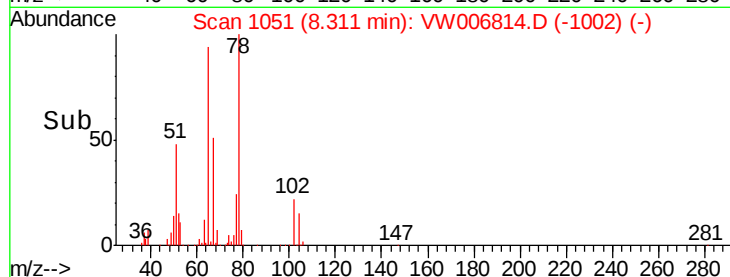
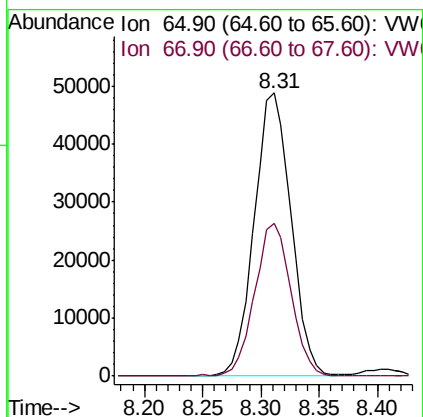
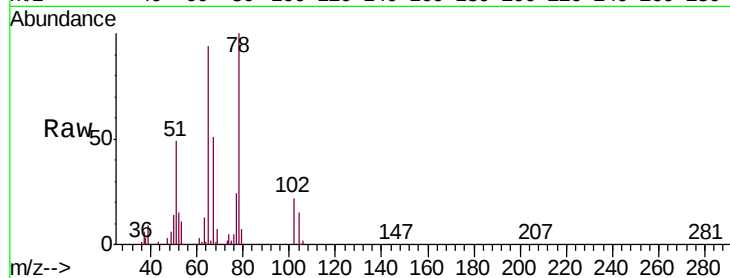
VW1112SBSD01

Tgt Ion: 65 Resp: 106972

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

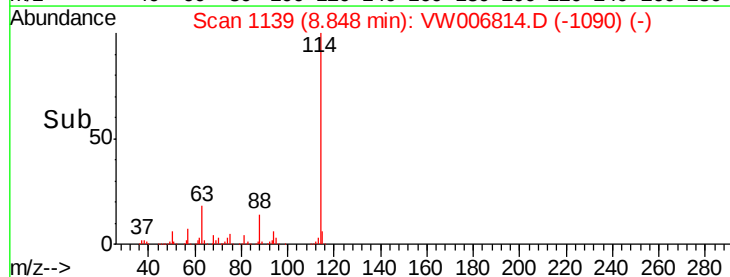
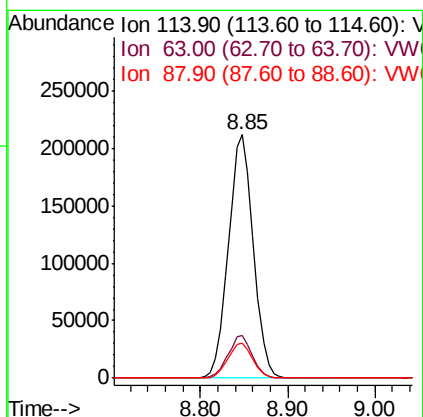
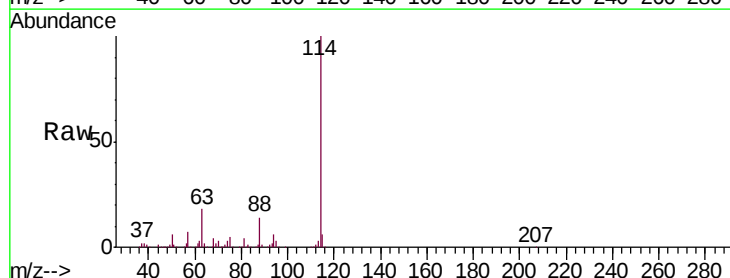
Tgt Ion: 114 Resp: 417491

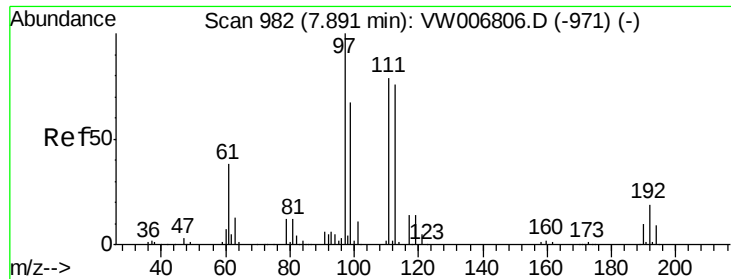
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.6

88 14.3 0.0 28.4

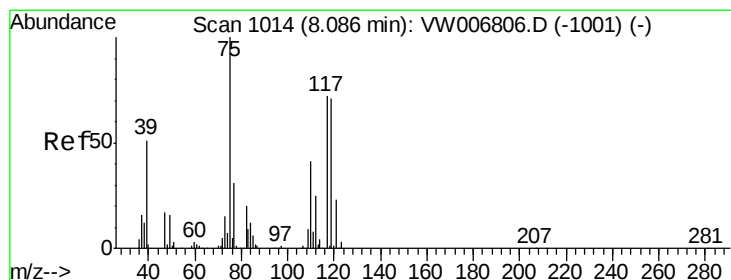
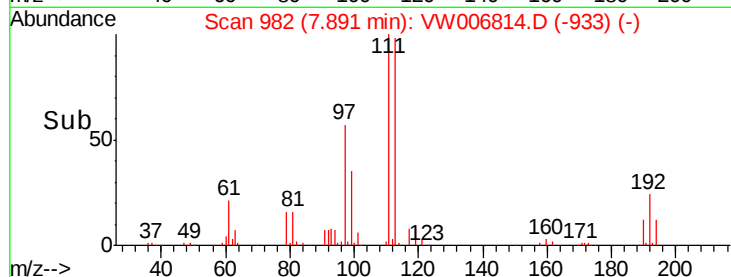
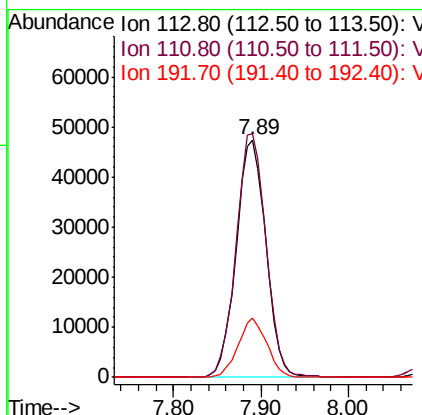
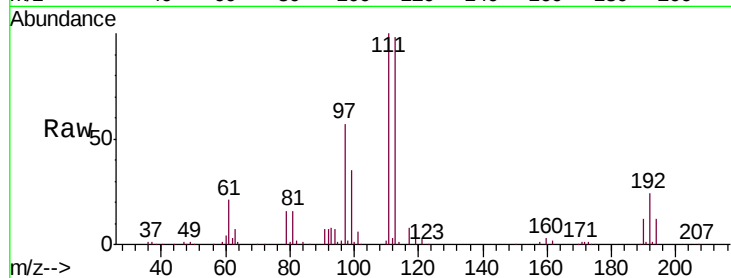




#35
Dibromofluoromethane
Concen: 45.089 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

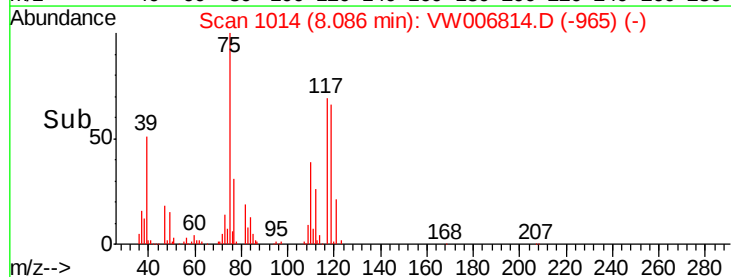
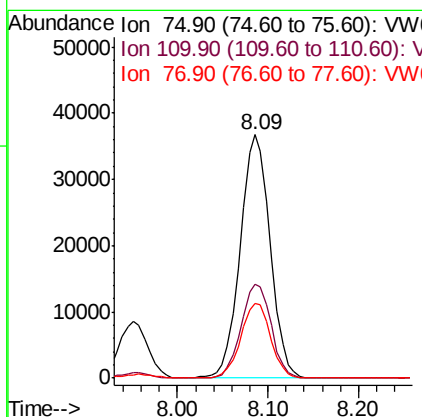
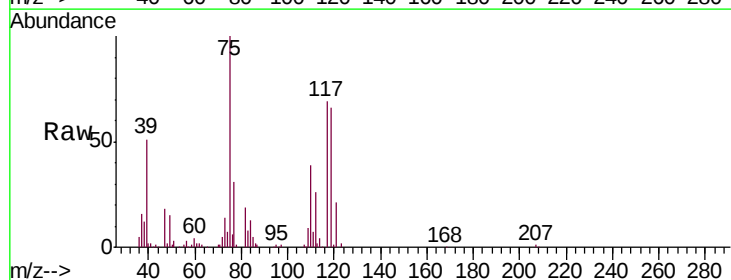
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

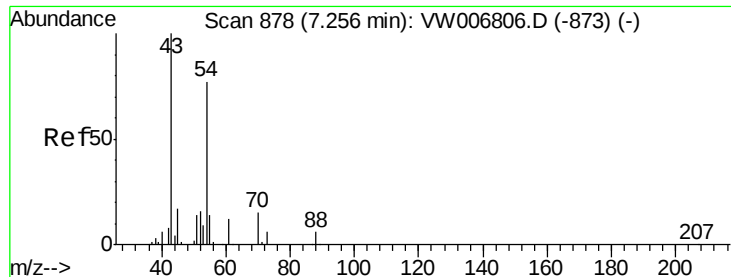
Tgt Ion:113 Resp: 112094
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.6
192 23.9 19.0 28.6



#36
1,1-Dichloropropene
Concen: 21.495 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 75 Resp: 83979
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.6
77 30.6 25.4 38.2

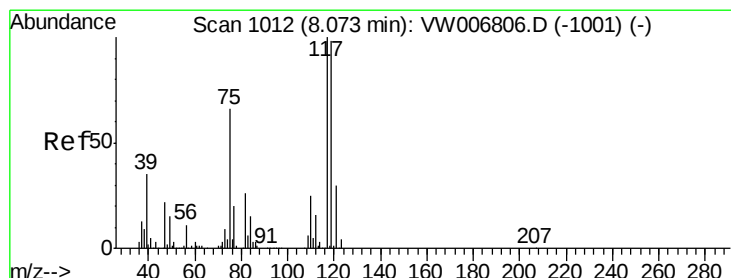
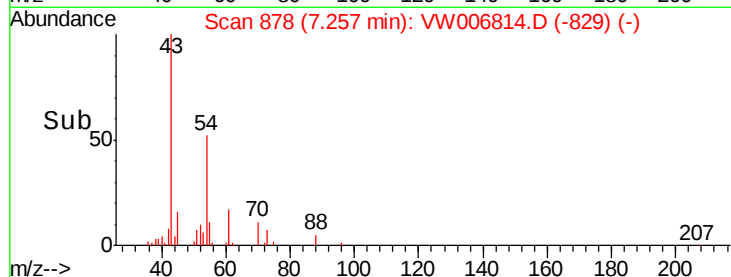
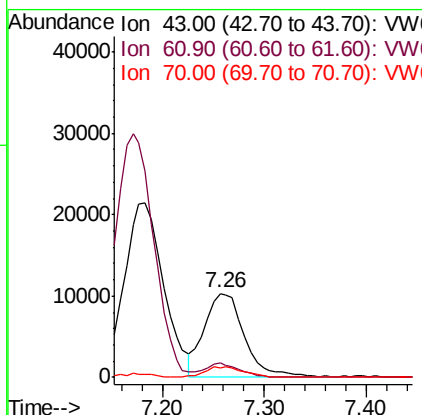
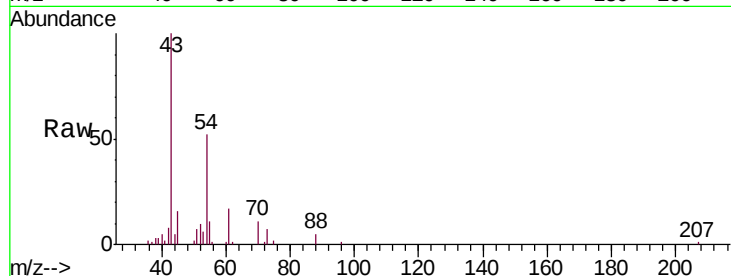




#37
 Ethyl Acetate
 Concen: 21.810 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

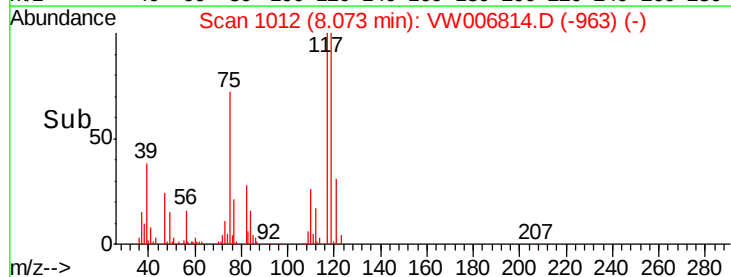
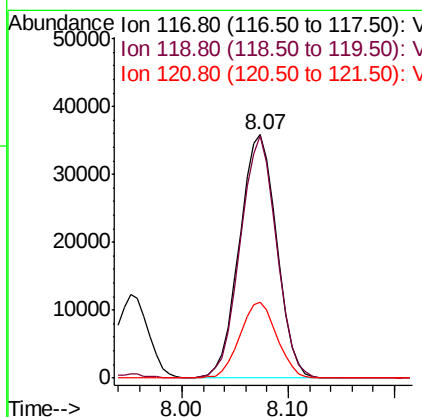
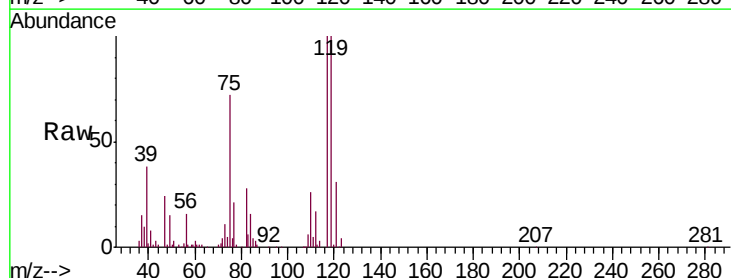
Instrument :
 MSVOA_W
 ClientSampled :
 VW1112SBSD01

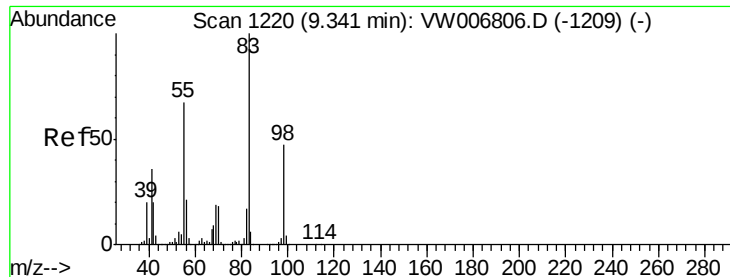
Tgt Ion: 43 Resp: 27863
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.7 17.5
 70 12.6 10.0 15.0



#38
 Carbon Tetrachloride
 Concen: 20.765 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 117 Resp: 88173
 Ion Ratio Lower Upper
 117 100
 119 99.7 78.5 117.7
 121 31.0 24.2 36.2

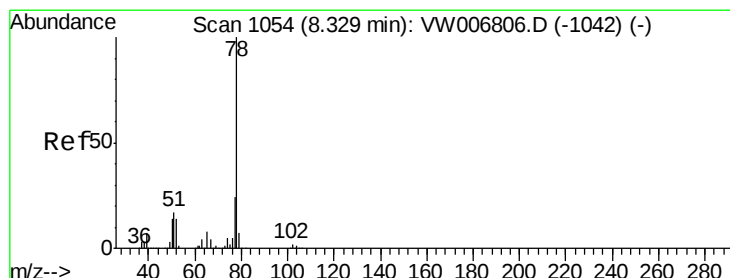
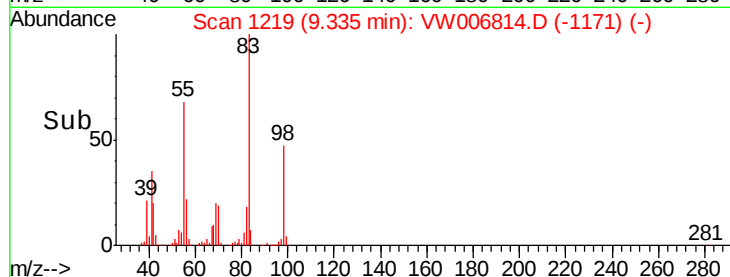
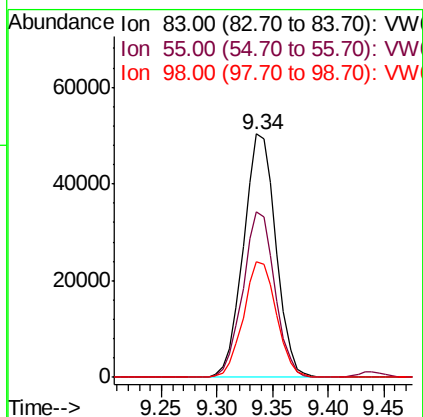
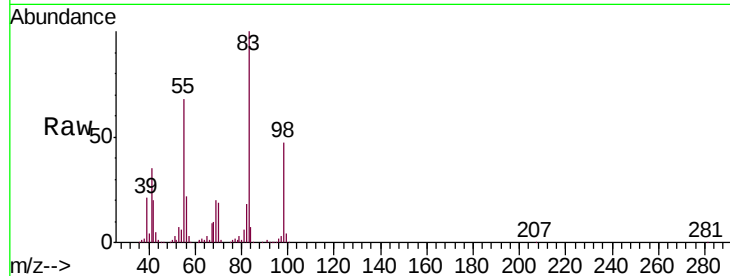




#39
Methylcyclohexane
Concen: 20.082 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

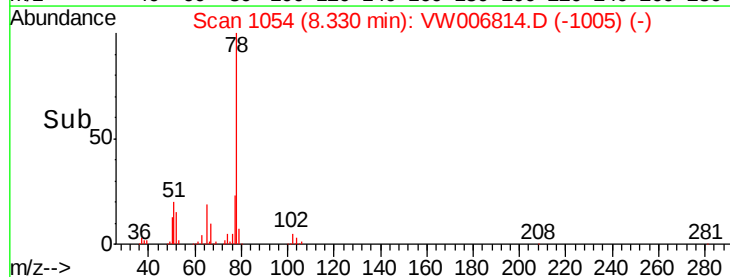
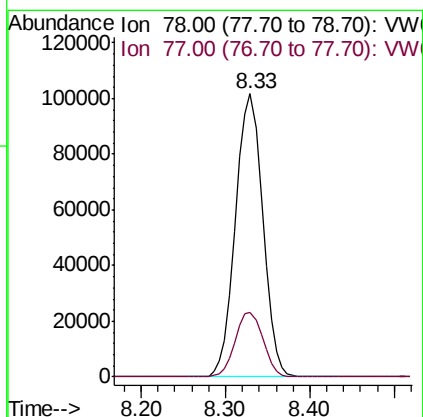
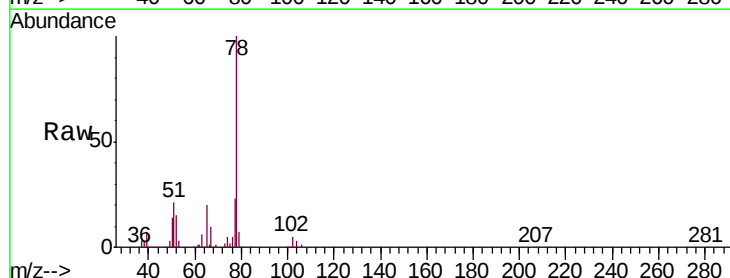
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

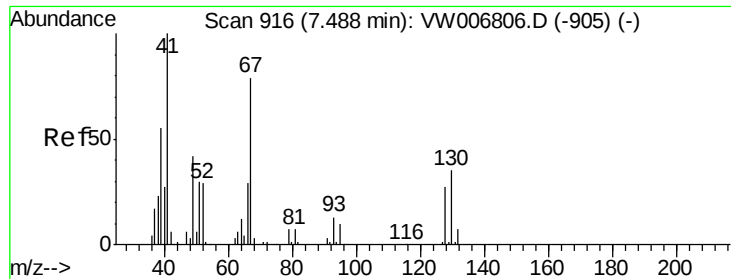
Tgt Ion: 83 Resp: 101790
Ion Ratio Lower Upper
83 100
55 68.3 53.3 79.9
98 47.4 37.9 56.9



#40
Benzene
Concen: 20.497 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 78 Resp: 222673
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41

Methacrylonitrile

Concen: 21.230 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 41 Resp: 16653

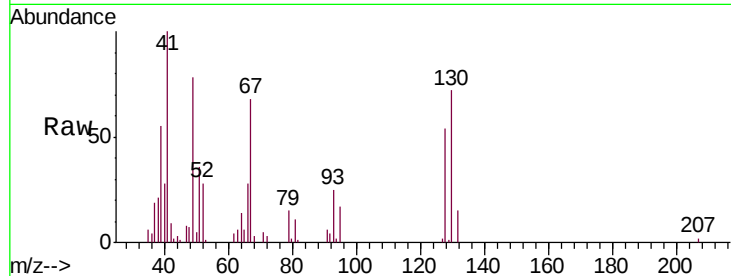
Ion Ratio Lower Upper

41 100

39 57.1 48.1 72.1

67 77.6 61.4 92.2

52 30.5 23.2 34.8



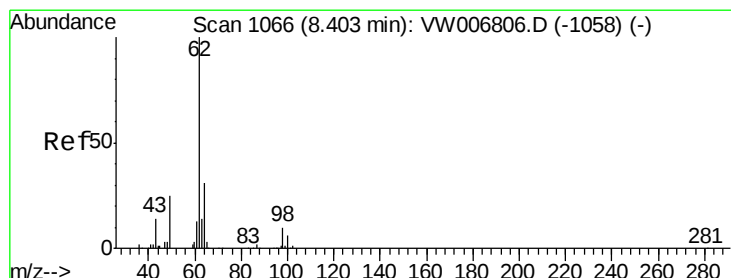
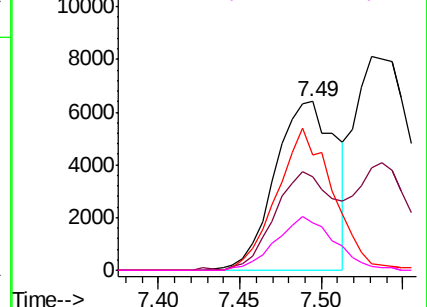
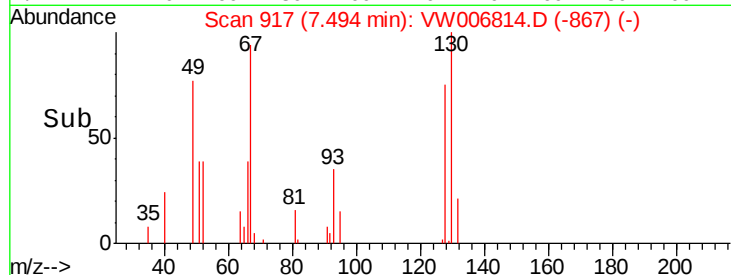
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.802 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006814.D

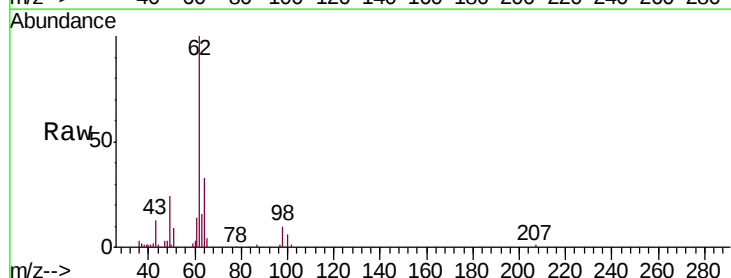
Acq: 12 Nov 2018 18:39

Tgt Ion: 62 Resp: 60547

Ion Ratio Lower Upper

62 100

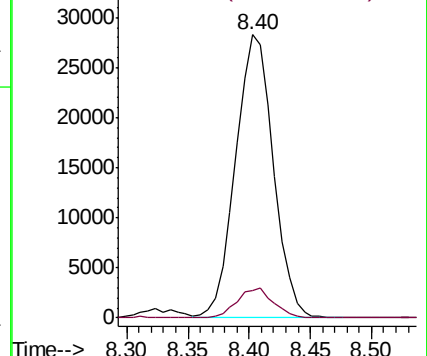
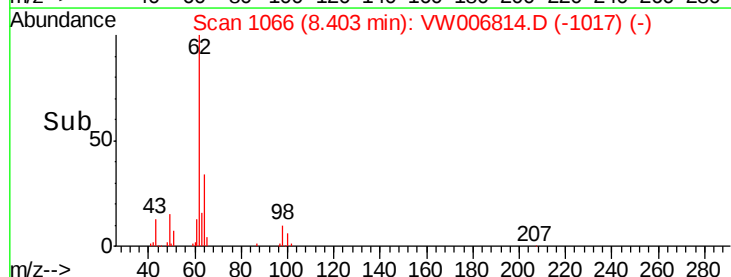
98 10.1 0.0 20.0

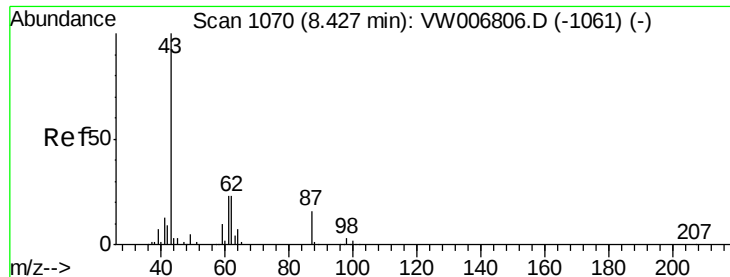


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.047 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

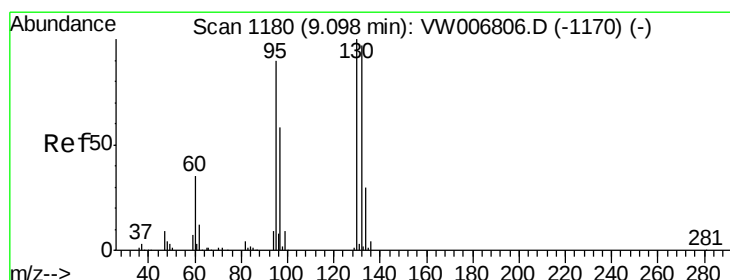
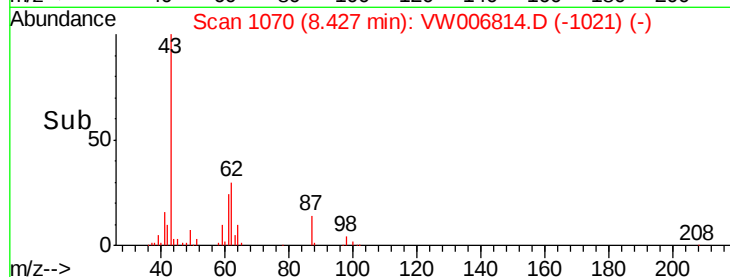
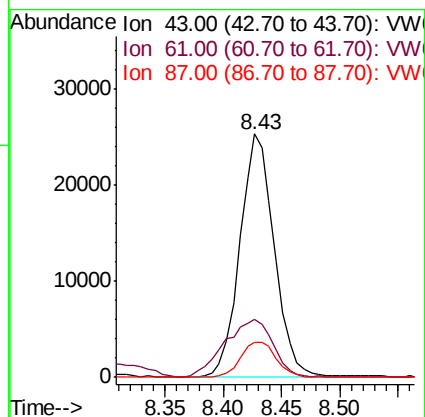
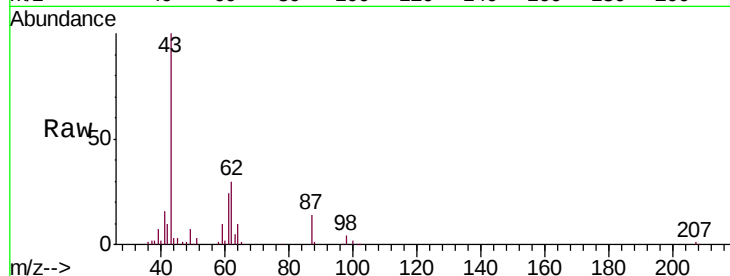
Tgt Ion: 43 Resp: 52293

Ion Ratio Lower Upper

43 100

61 33.4 27.0 40.4

87 15.0 13.0 19.4



#44

Trichloroethene

Concen: 20.822 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006814.D

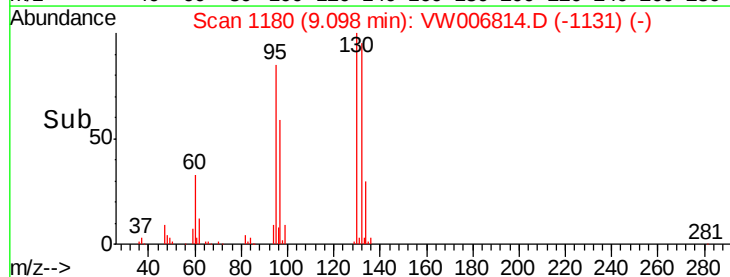
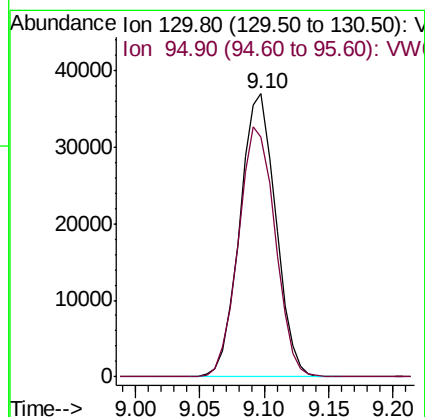
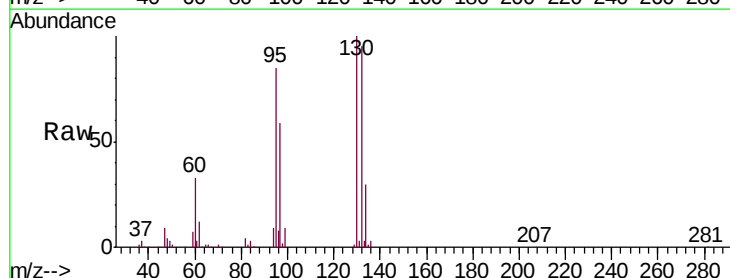
Acq: 12 Nov 2018 18:39

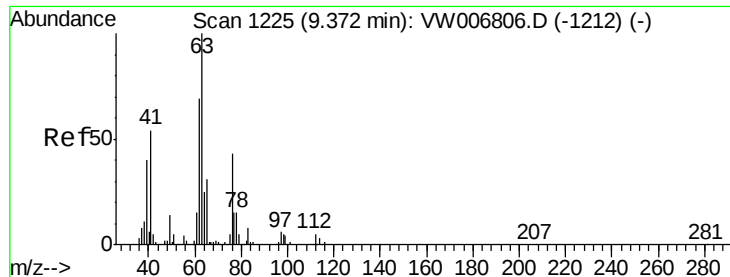
Tgt Ion: 130 Resp: 71377

Ion Ratio Lower Upper

130 100

95 84.7 0.0 180.2

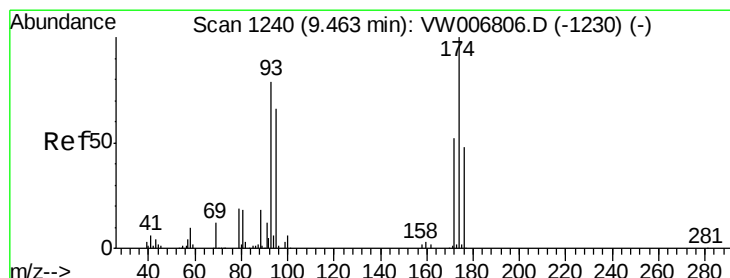
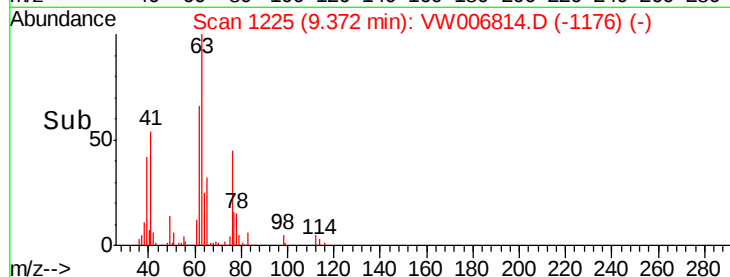
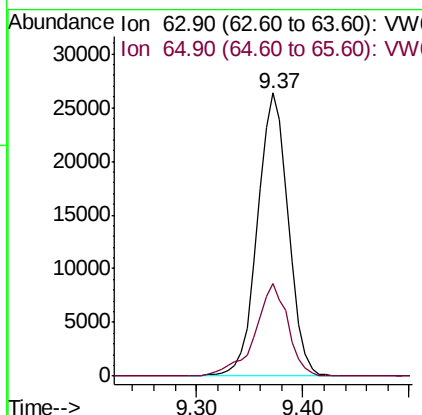
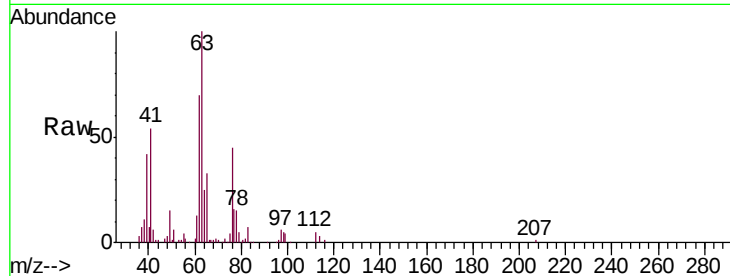




#45
 1,2-Dichloropropane
 Concen: 21.081 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

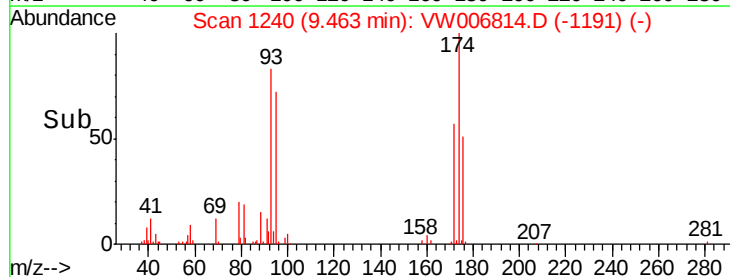
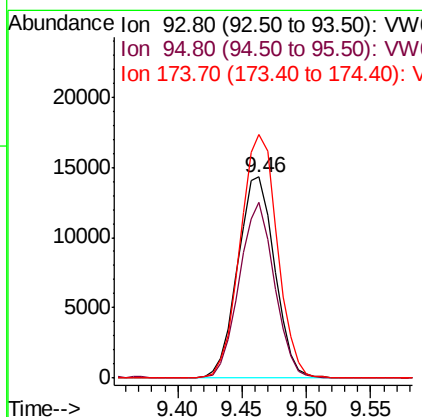
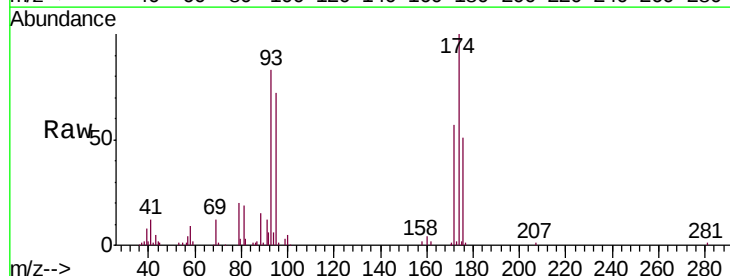
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

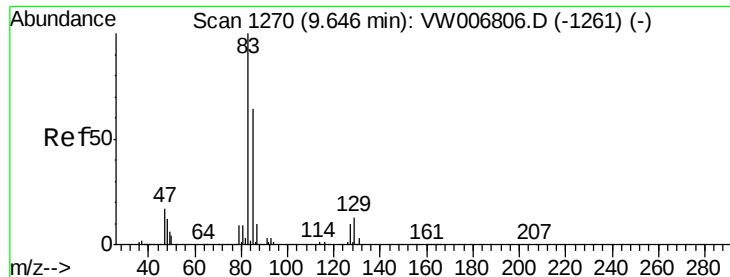
Tgt Ion: 63 Resp: 53378
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.4 36.6



#46
 Dibromomethane
 Concen: 20.244 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 93 Resp: 28532
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.6
 174 120.5 98.6 147.8

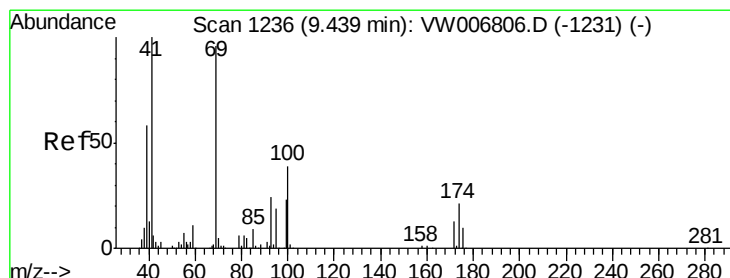
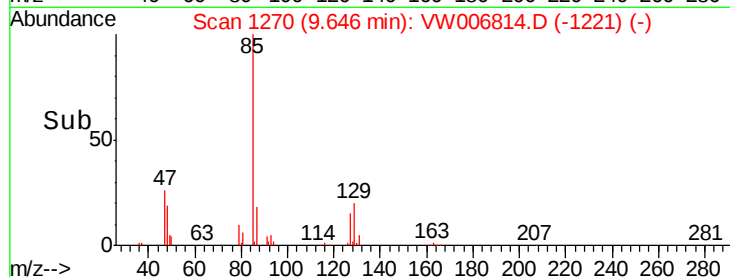
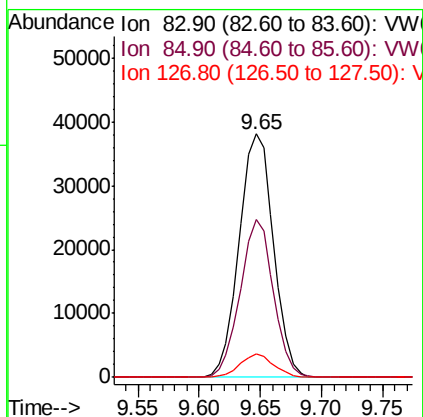
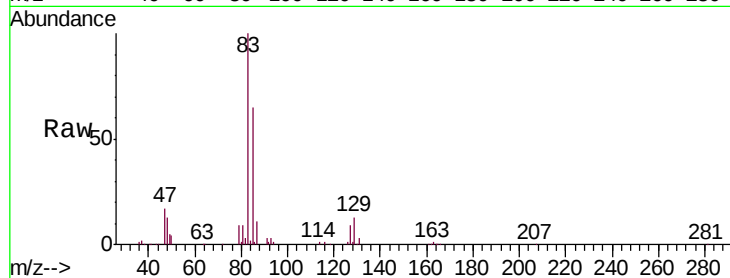




#47
Bromodichloromethane
Concen: 21.209 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

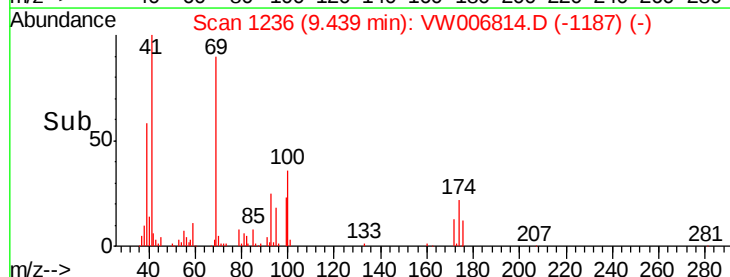
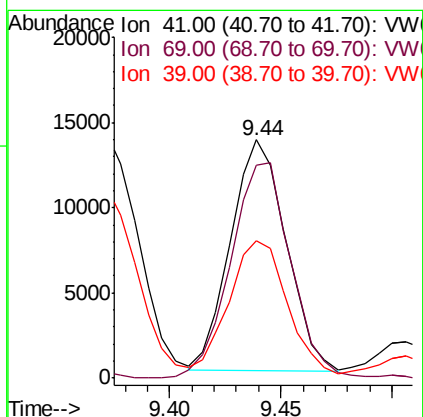
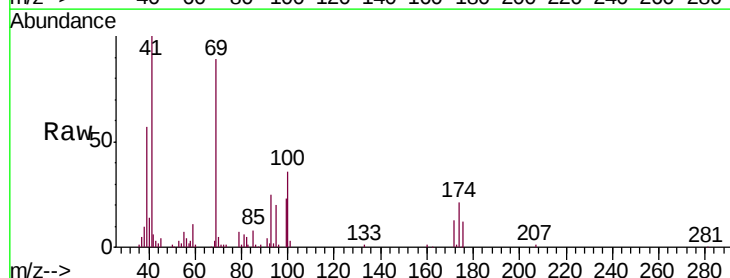
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

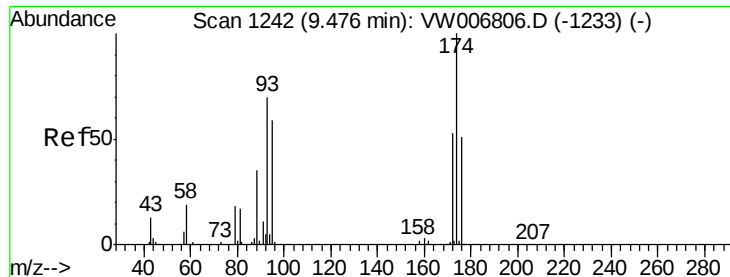
Tgt Ion: 83 Resp: 74143
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 9.5 7.6 11.4



#48
Methyl methacrylate
Concen: 19.357 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 41 Resp: 23580
Ion Ratio Lower Upper
41 100
69 100.8 79.8 119.6
39 59.2 45.9 68.9





#49

1,4-Dioxane

Concen: 387.485 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

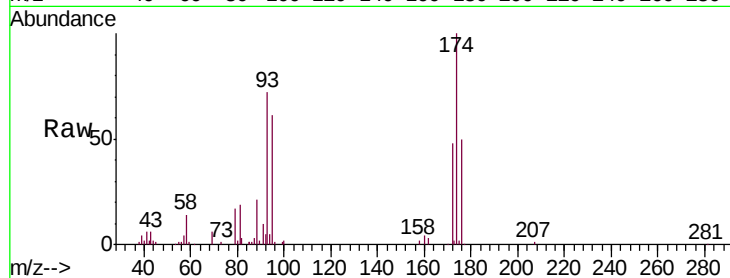
Tgt Ion: 88 Resp: 8251

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

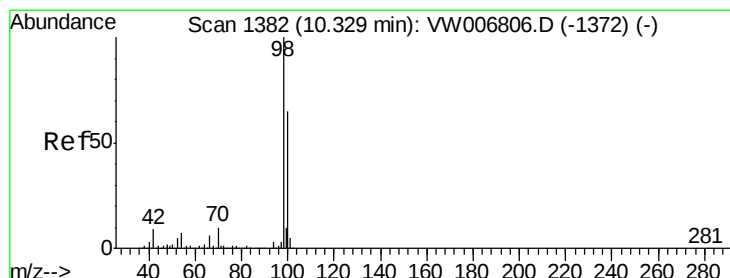
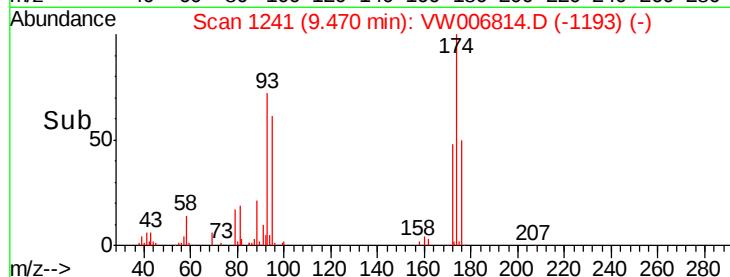
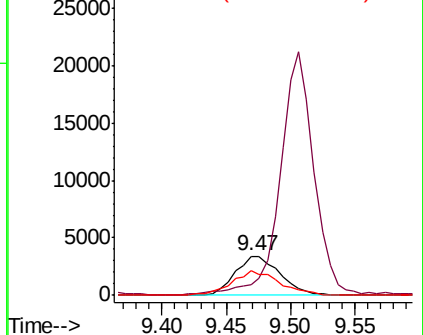
58 66.4 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 44.739 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006814.D

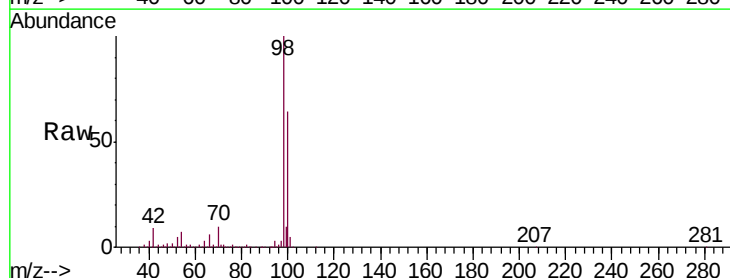
Acq: 12 Nov 2018 18:39

Tgt Ion: 98 Resp: 461004

Ion Ratio Lower Upper

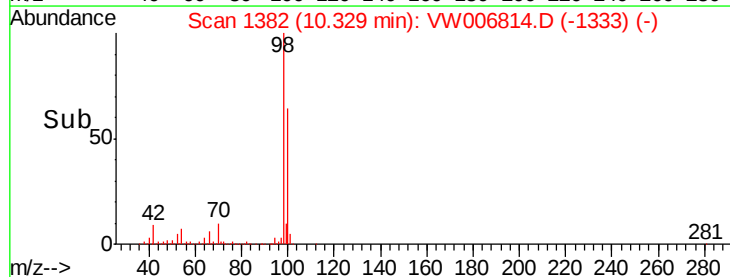
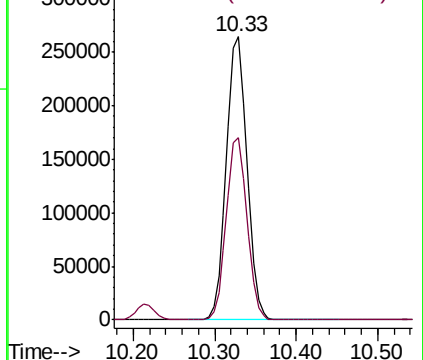
98 100

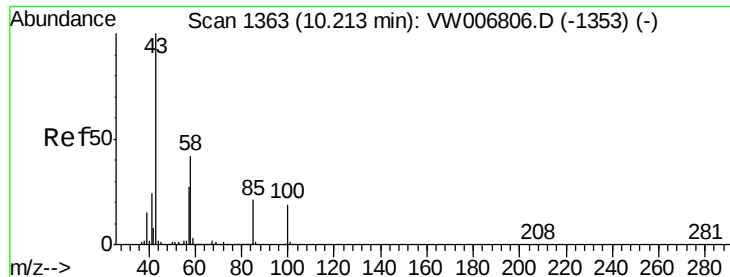
100 64.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

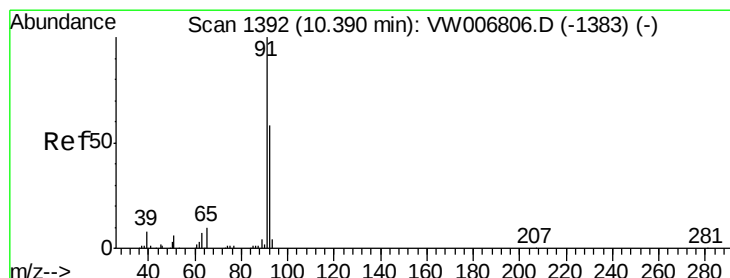
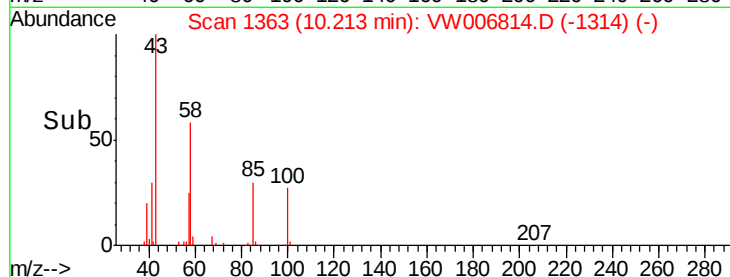
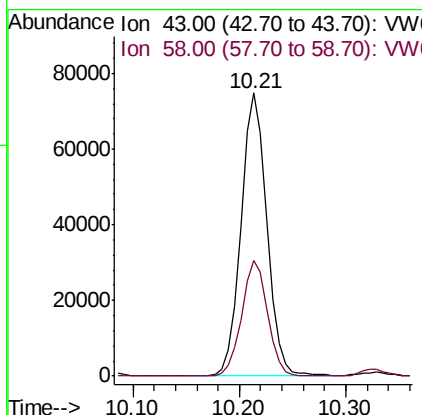
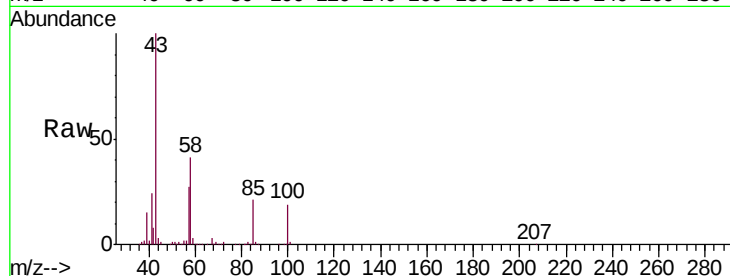




#51
 4-Methyl-2-Pentanone
 Concen: 102.753 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

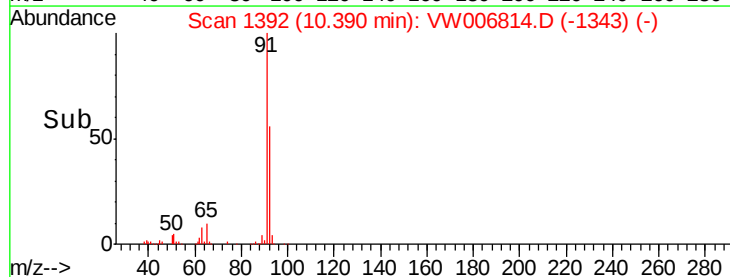
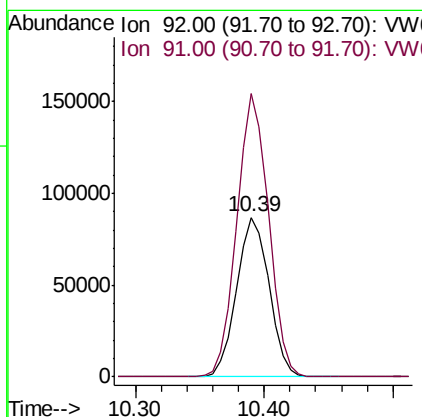
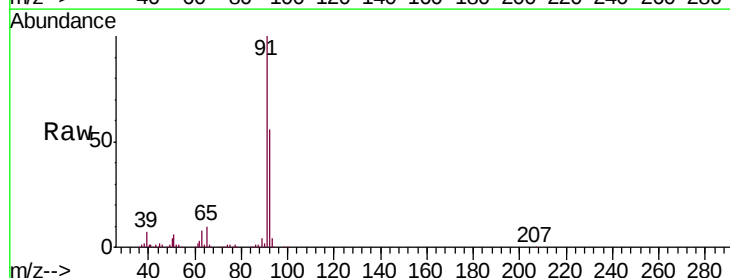
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

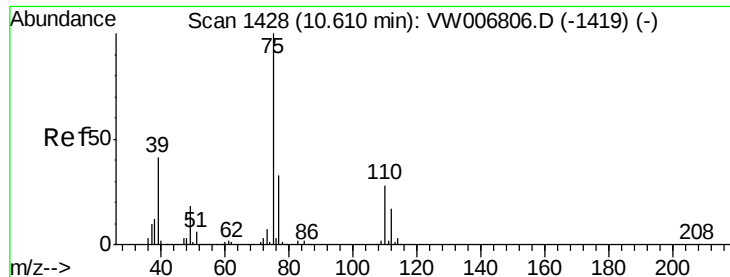
Tgt Ion: 43 Resp: 128015
 Ion Ratio Lower Upper
 43 100
 58 40.9 34.0 51.0



#52
 Toluene
 Concen: 19.697 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 92 Resp: 151699
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 20.266 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

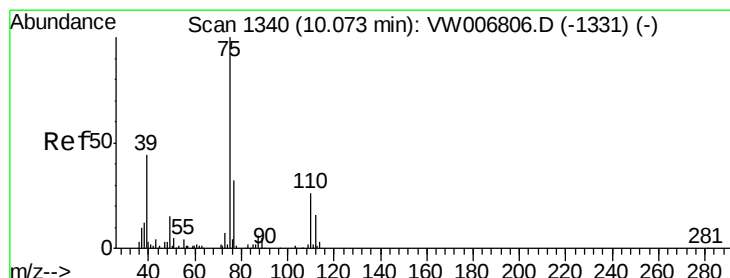
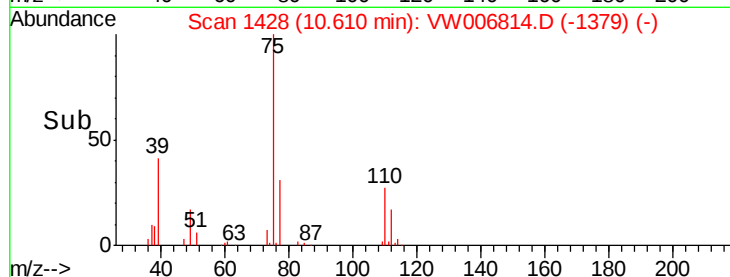
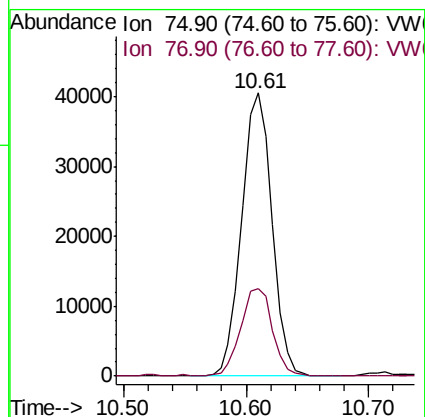
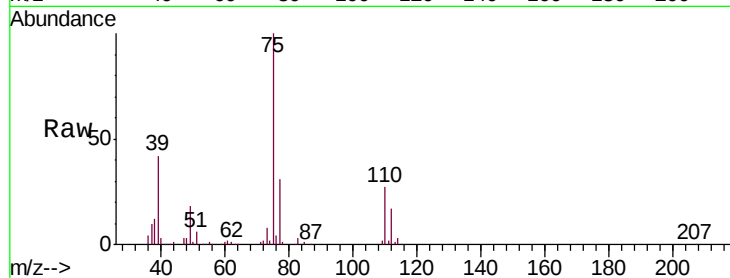
VW1112SBSD01

Tgt Ion: 75 Resp: 69747

Ion Ratio Lower Upper

75 100

77 31.0 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.694 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

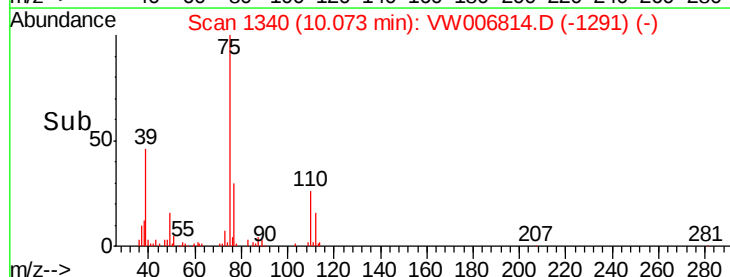
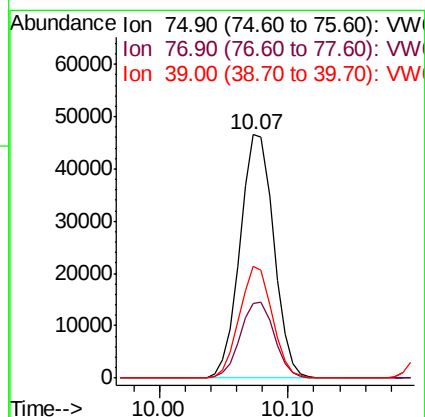
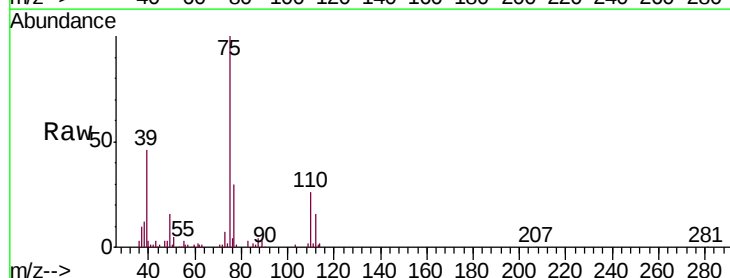
Tgt Ion: 75 Resp: 84450

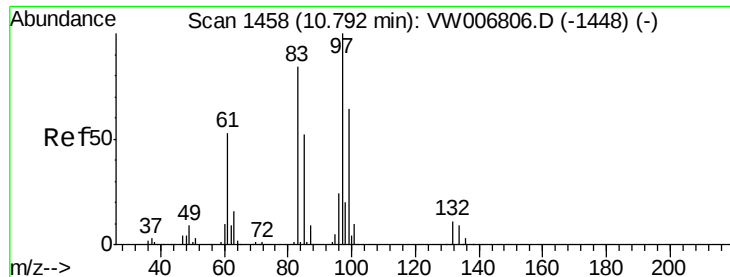
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 45.5 35.3 52.9

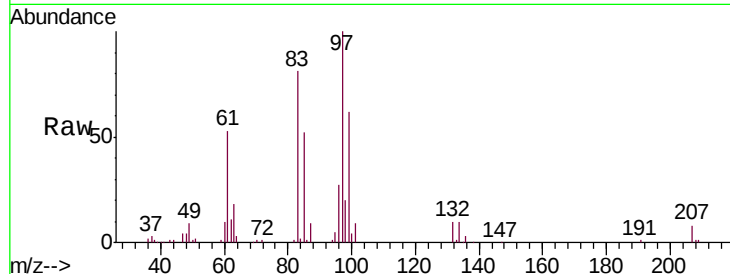




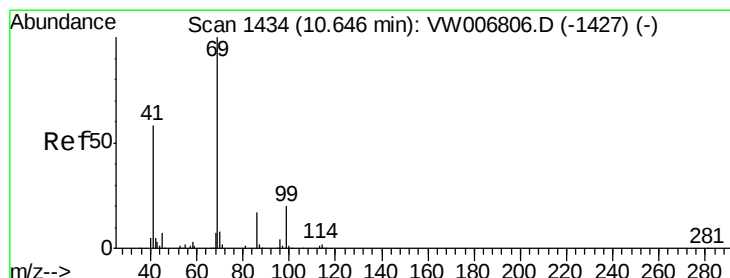
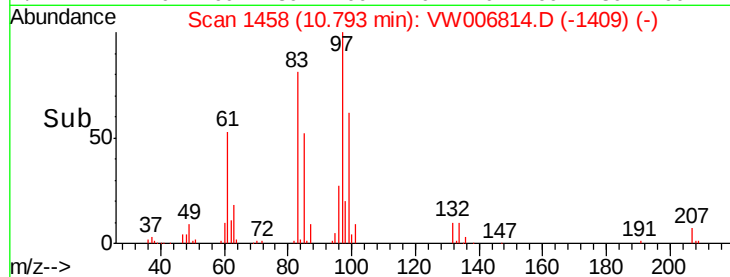
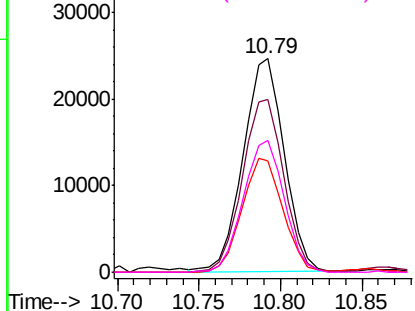
#55
 1,1,2-Trichloroethane
 Concen: 20.679 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion: 97 Resp: 43248
 Ion Ratio Lower Upper
 97 100
 83 81.0 67.0 100.4
 85 52.1 41.7 62.5
 99 62.2 50.8 76.2

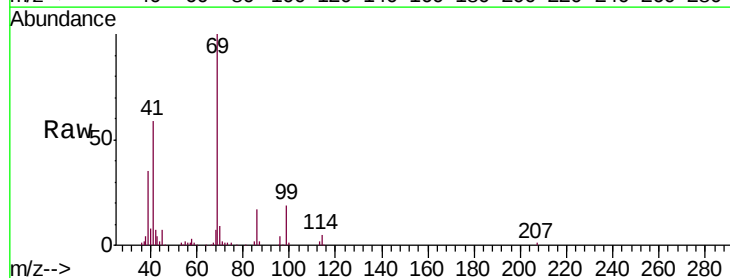


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

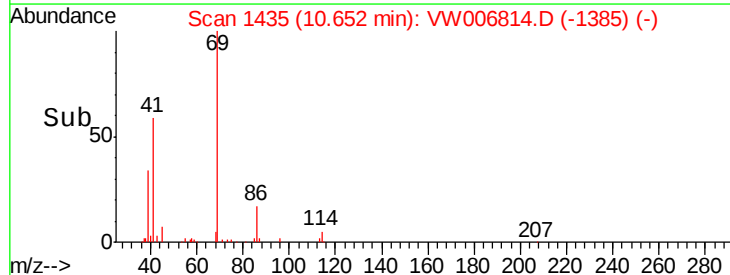
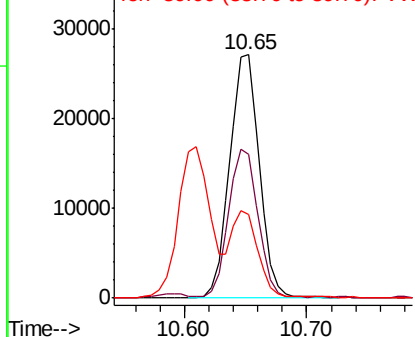


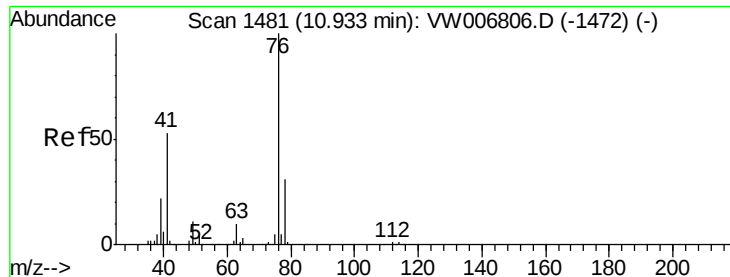
#56
 Ethyl methacrylate
 Concen: 19.790 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 69 Resp: 45360
 Ion Ratio Lower Upper
 69 100
 41 60.4 47.0 70.4
 39 30.6 23.1 34.7



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

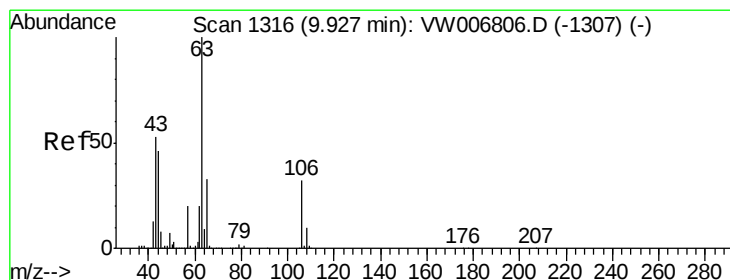
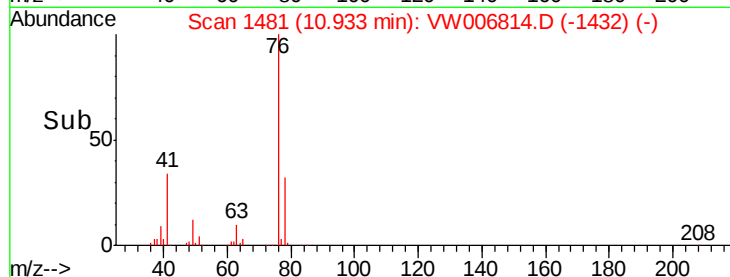
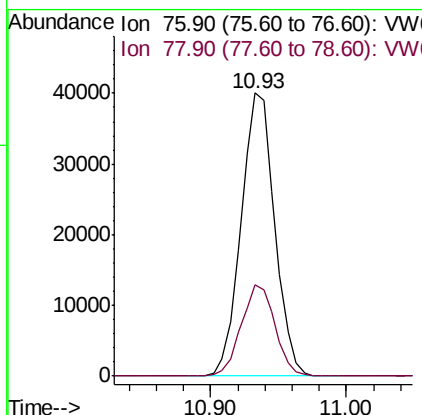
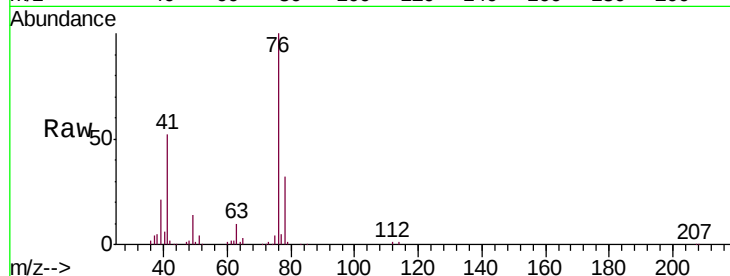




#57
 1,3-Dichloropropane
 Concen: 20.822 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

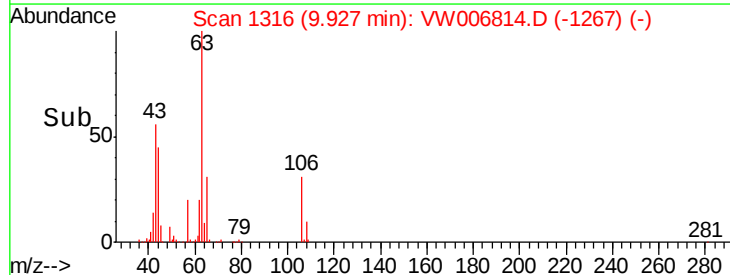
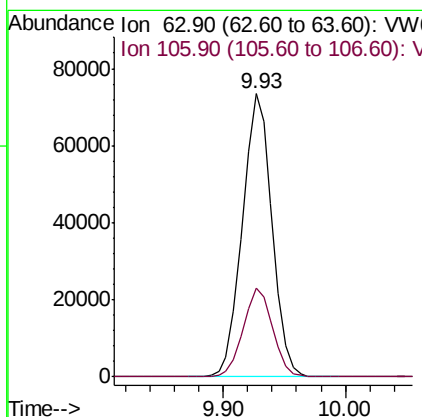
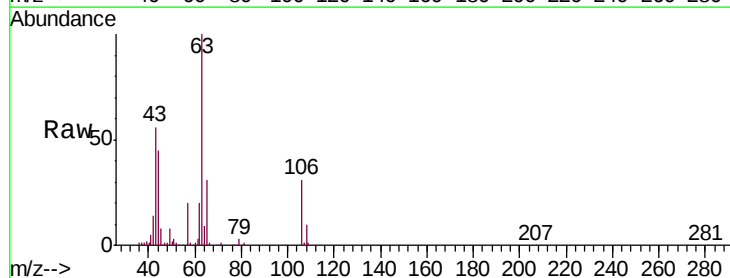
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

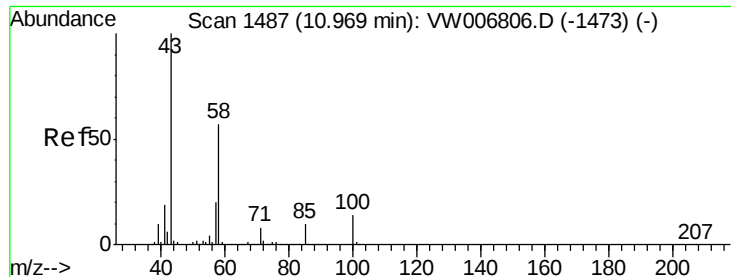
Tgt Ion: 76 Resp: 68967
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.320 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 63 Resp: 123200
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.0

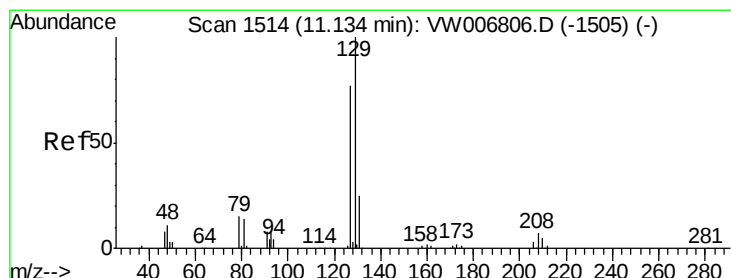
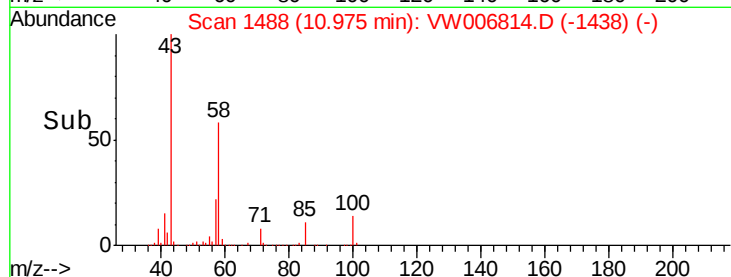
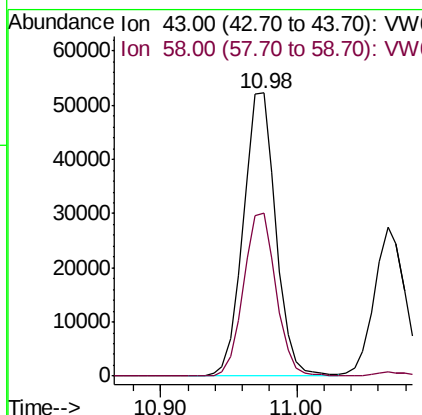
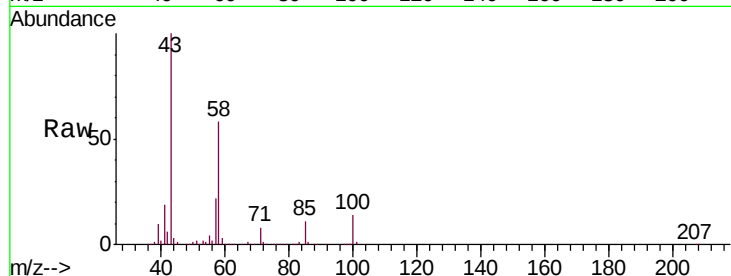




#59
2-Hexanone
Concen: 101.912 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

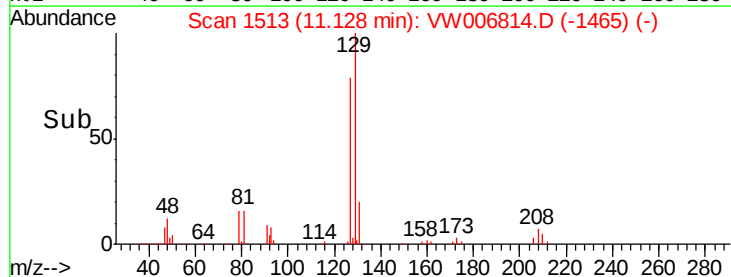
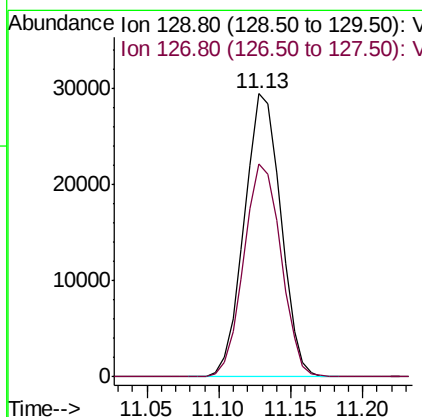
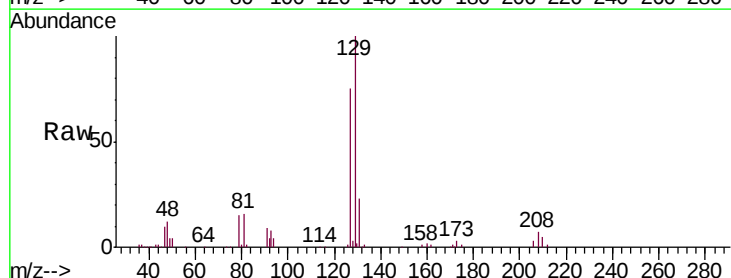
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

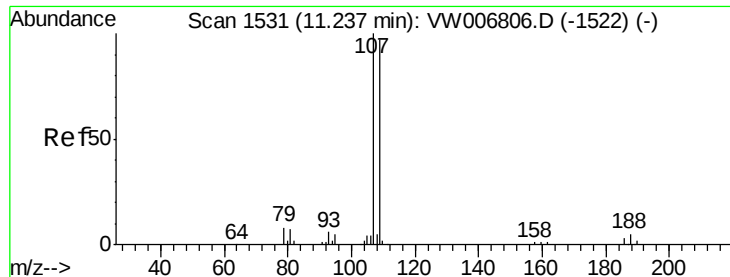
Tgt Ion: 43 Resp: 87577
Ion Ratio Lower Upper
43 100
58 57.8 28.7 86.1



#60
Dibromochloromethane
Concen: 20.212 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 129 Resp: 51726
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1

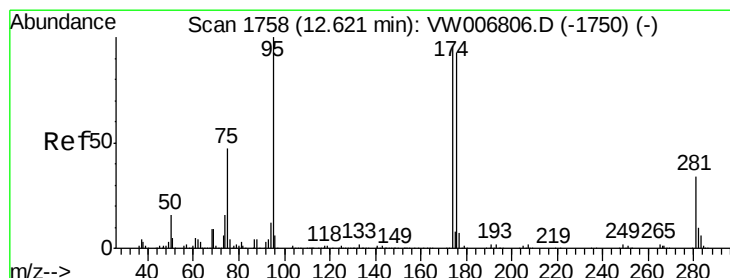
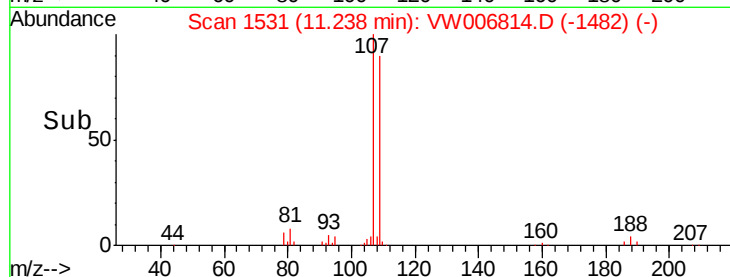
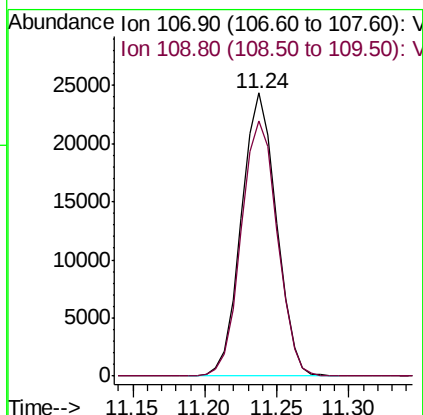
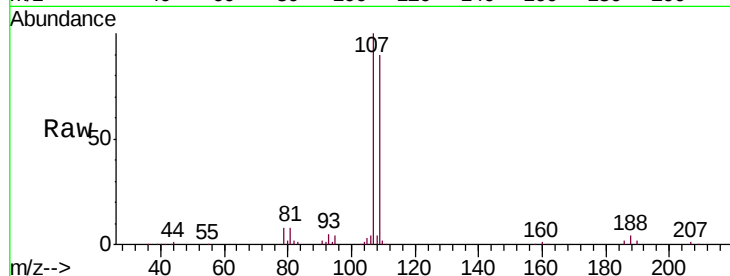




#61
 1,2-Dibromoethane
 Concen: 20.689 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

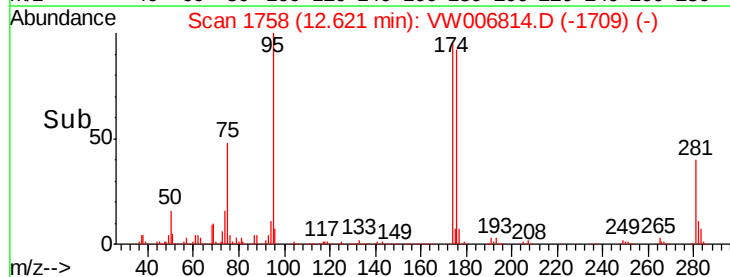
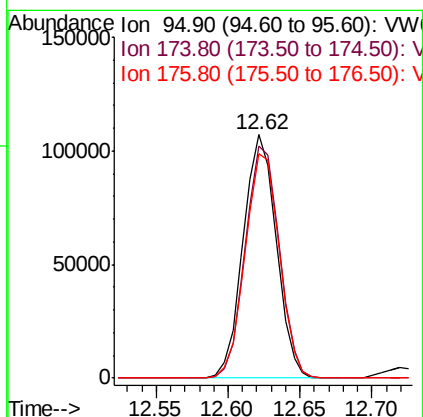
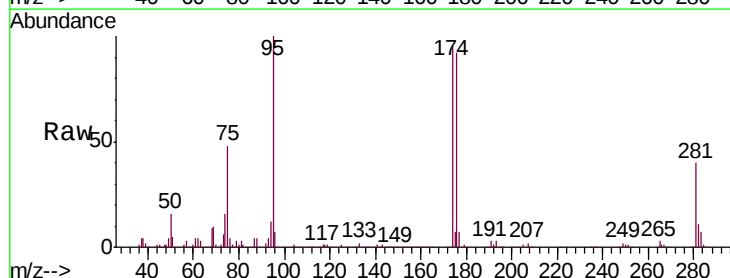
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

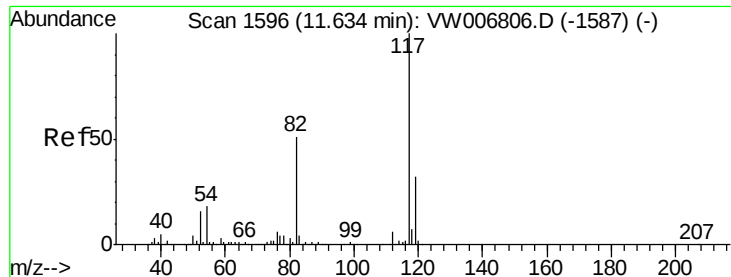
Tgt Ion: 107 Resp: 41094
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 44.892 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 95 Resp: 170372
 Ion Ratio Lower Upper
 95 100
 174 97.8 0.0 196.6
 176 95.1 0.0 191.6

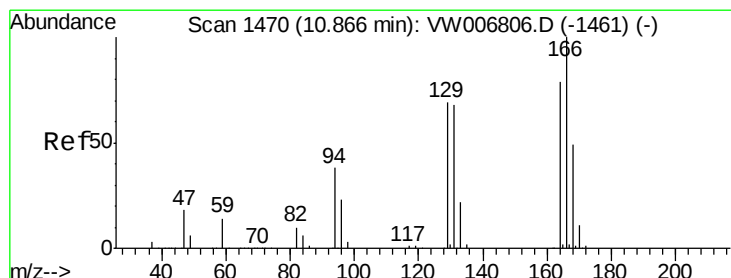
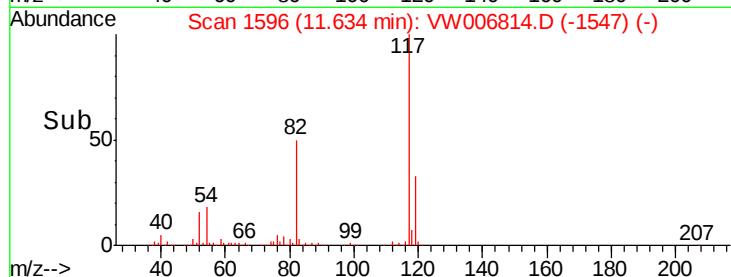
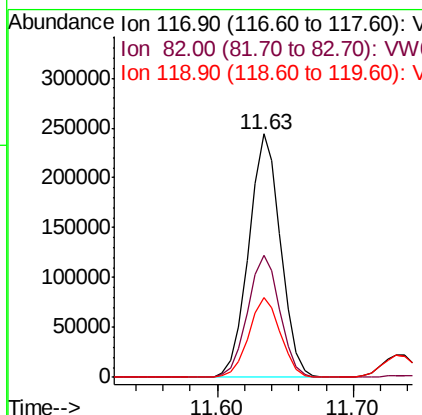
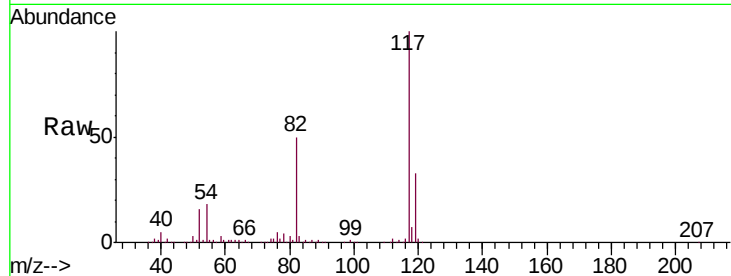




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

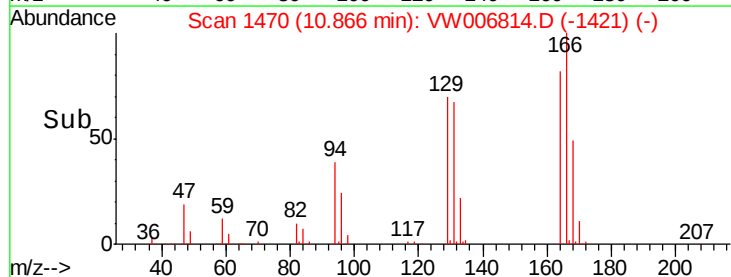
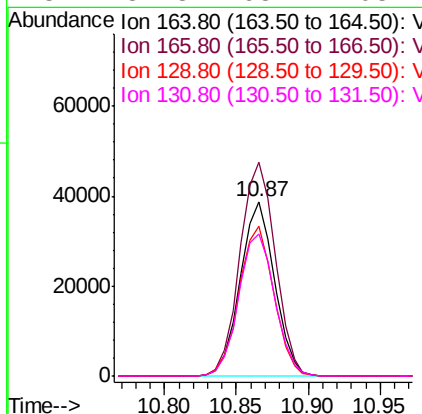
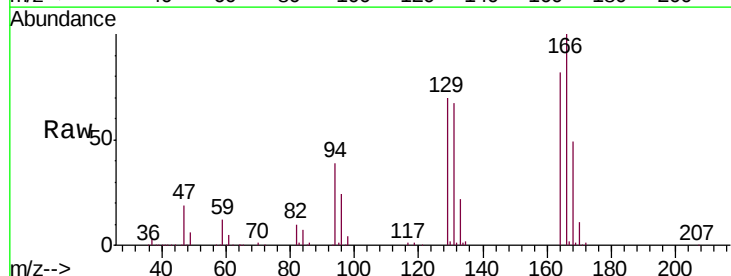
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

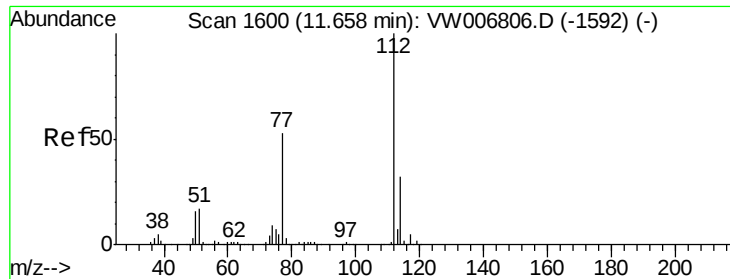
Tgt Ion:117 Resp: 399674
Ion Ratio Lower Upper
117 100
82 50.1 40.6 61.0
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 20.008 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion:164 Resp: 64084
Ion Ratio Lower Upper
164 100
166 122.5 101.3 151.9
129 85.7 69.6 104.4
131 81.8 68.7 103.1

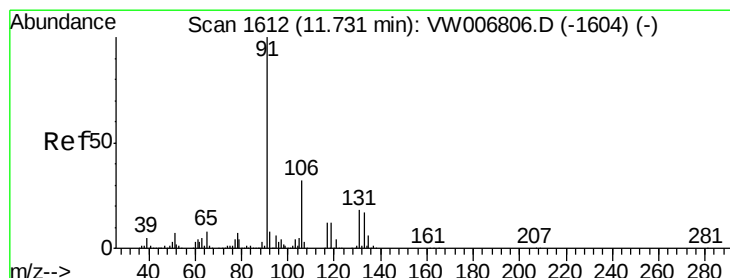
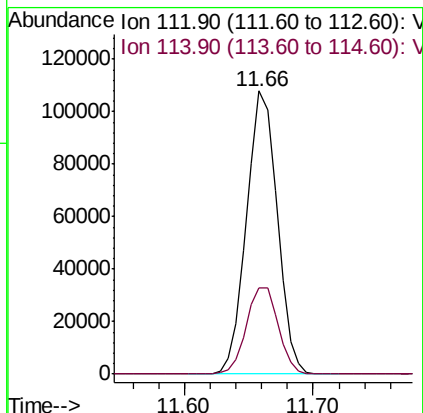
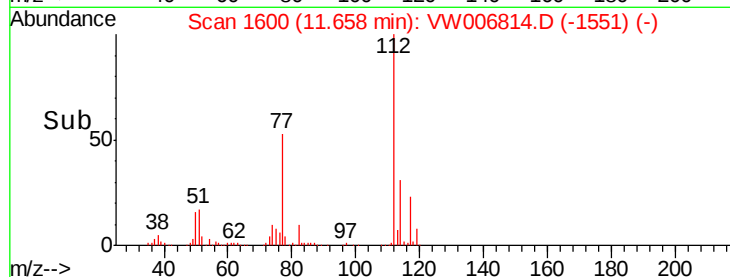
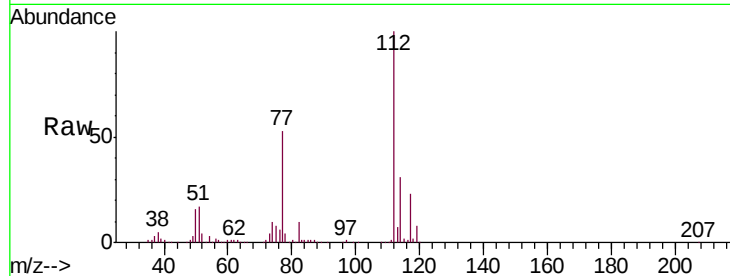




#65
Chlorobenzene
Concen: 20.057 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

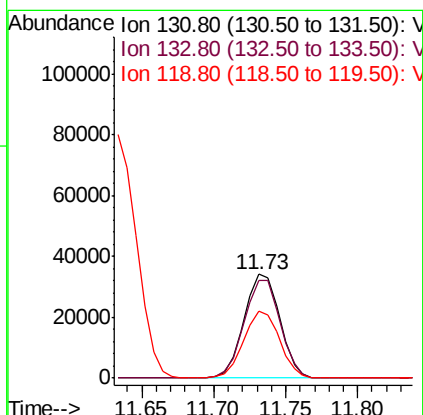
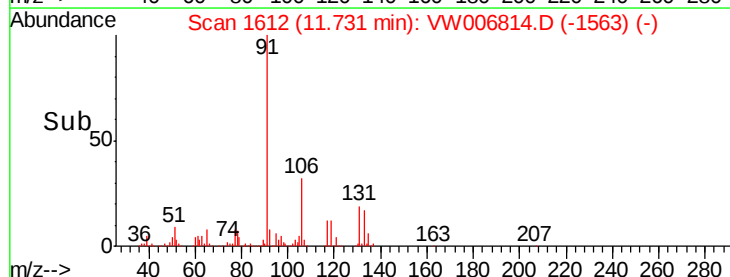
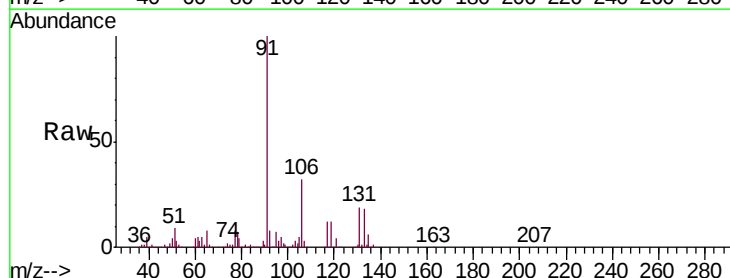
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

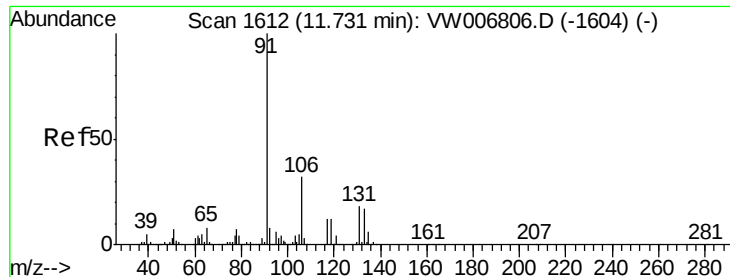
Tgt Ion:112 Resp: 177843
Ion Ratio Lower Upper
112 100
114 30.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.384 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion:131 Resp: 58647
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 64.5 32.4 97.2

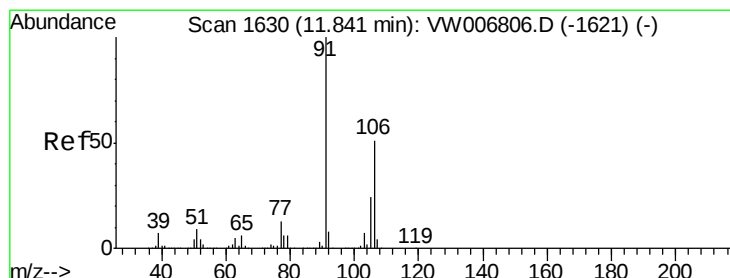
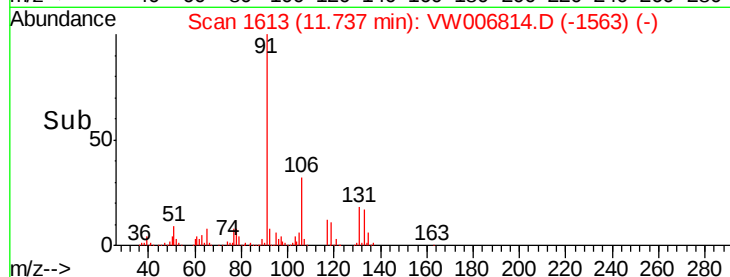
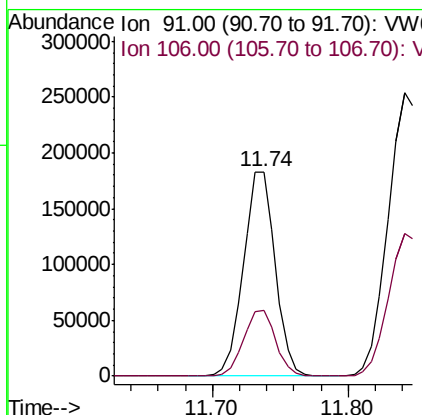
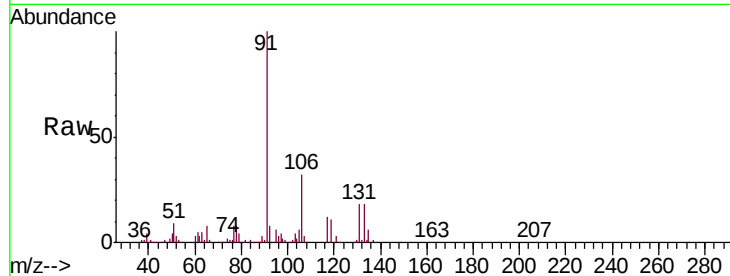




#67
Ethyl Benzene
Concen: 19.773 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

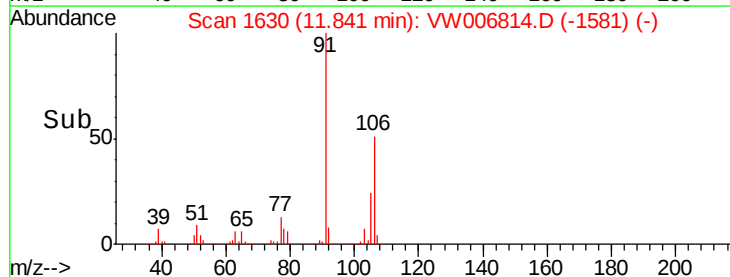
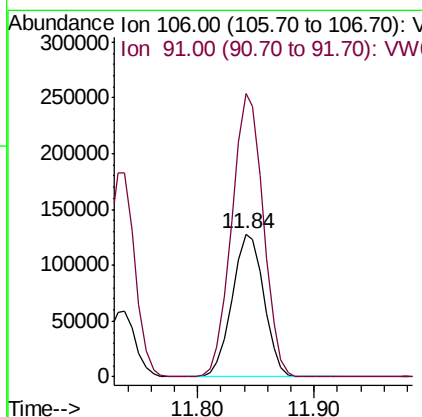
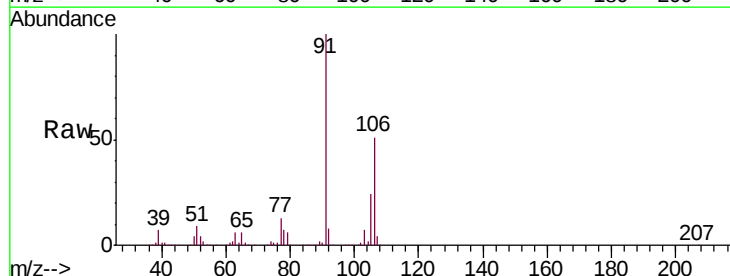
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

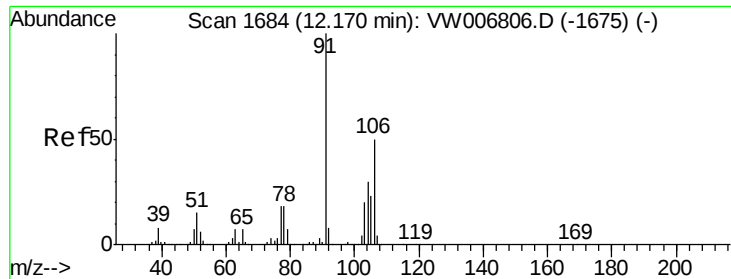
Tgt Ion: 91 Resp: 298886
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 39.338 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 106 Resp: 243293
Ion Ratio Lower Upper
106 100
91 196.8 155.7 233.5

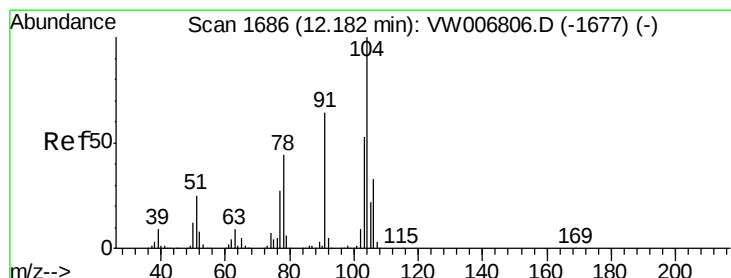
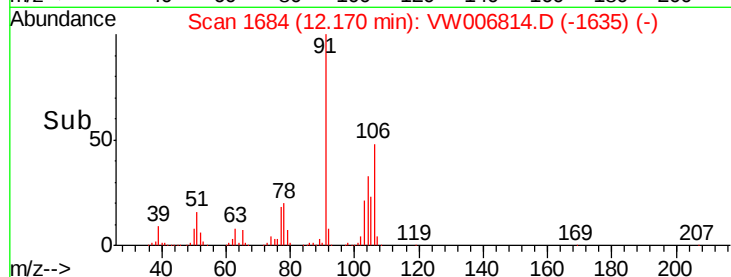
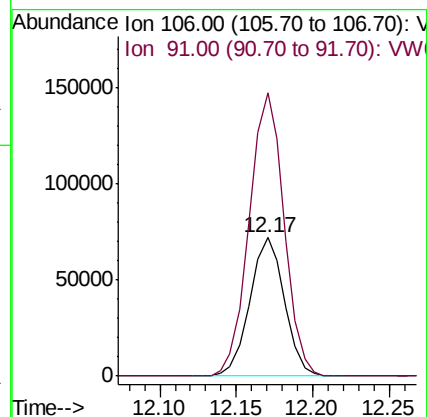
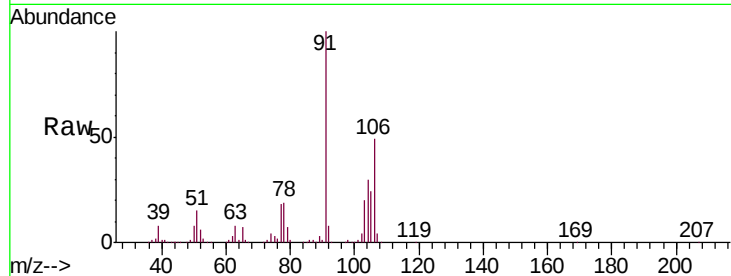




#69
o-Xylene
Concen: 19.618 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

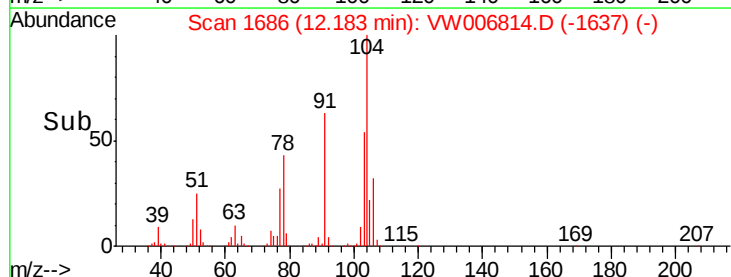
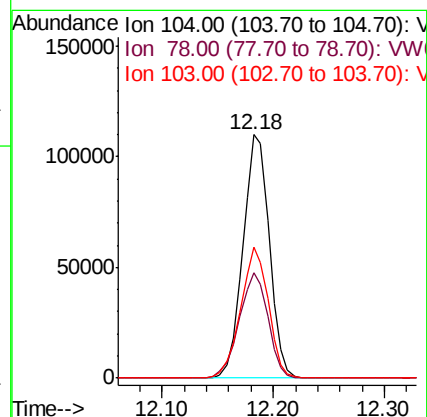
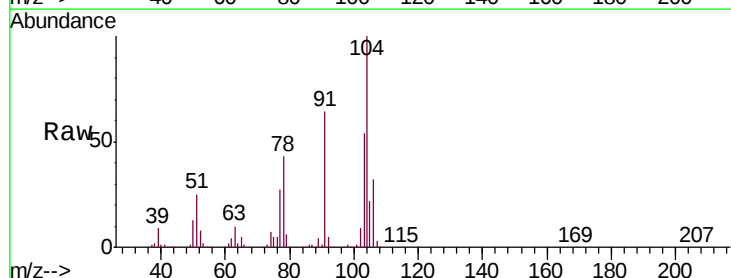
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

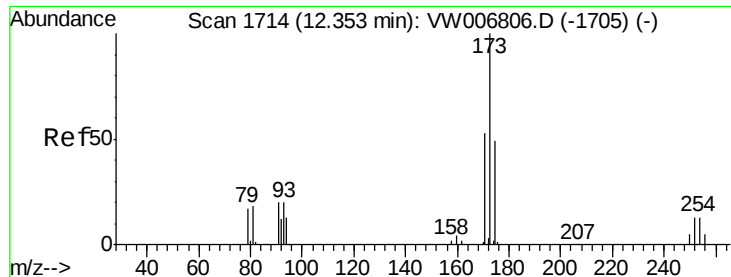
Tgt Ion:106 Resp: 112921
Ion Ratio Lower Upper
106 100
91 206.7 101.9 305.7



#70
Styrene
Concen: 19.569 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion:104 Resp: 180286
Ion Ratio Lower Upper
104 100
78 47.2 37.3 55.9
103 56.2 44.6 66.8





#71

Bromoform

Concen: 19.553 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

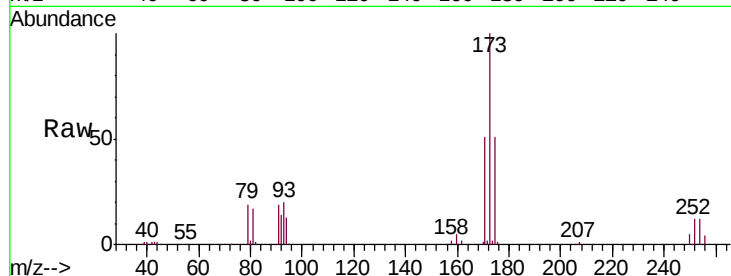
Tgt Ion:173 Resp: 30702

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

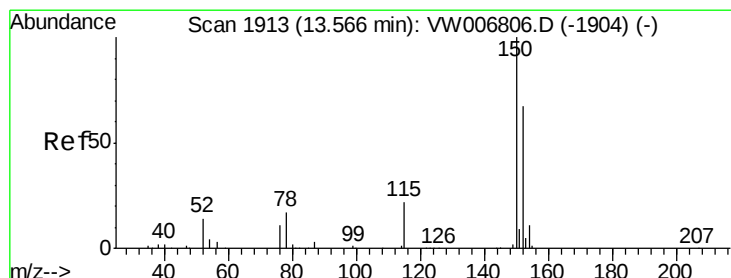
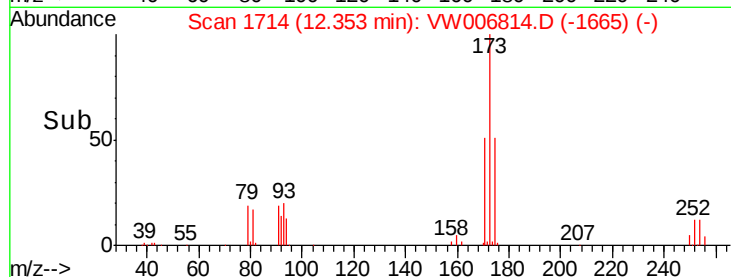
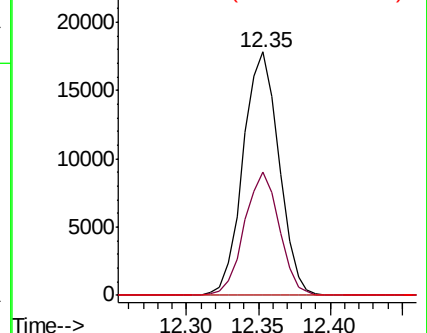
254 0.0 0.1 0.1#



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

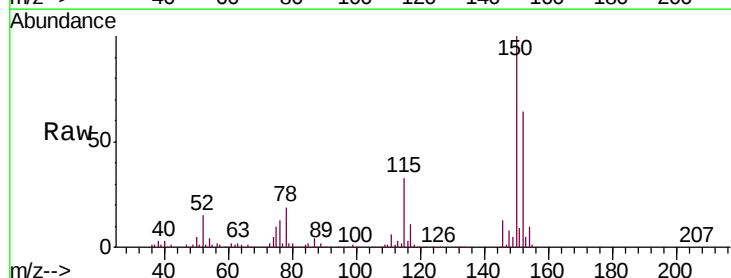
Tgt Ion:152 Resp: 228453

Ion Ratio Lower Upper

152 100

115 53.3 27.3 81.8

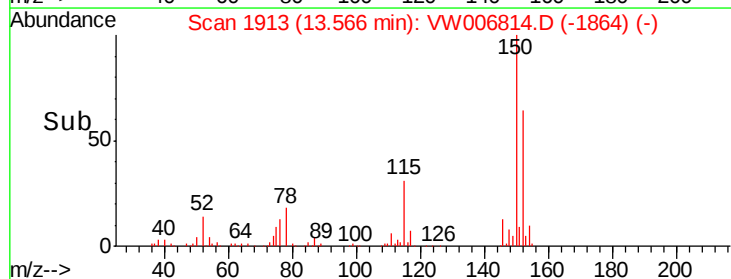
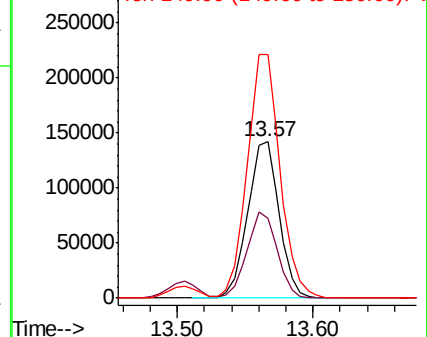
150 163.3 0.0 353.0

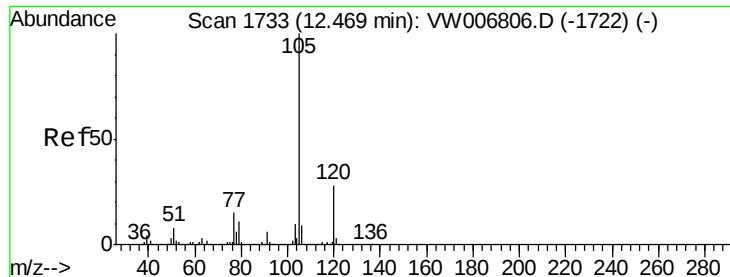


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.588 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

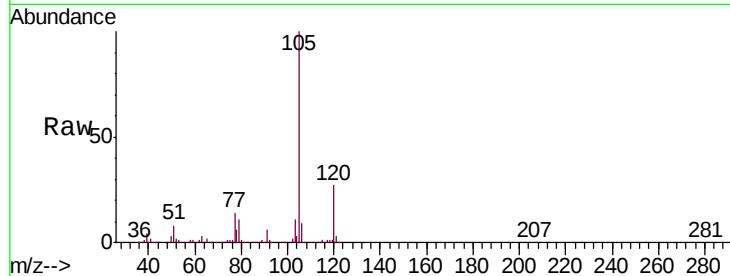
VW1112SBSD01

Tgt Ion:105 Resp: 310623

Ion Ratio Lower Upper

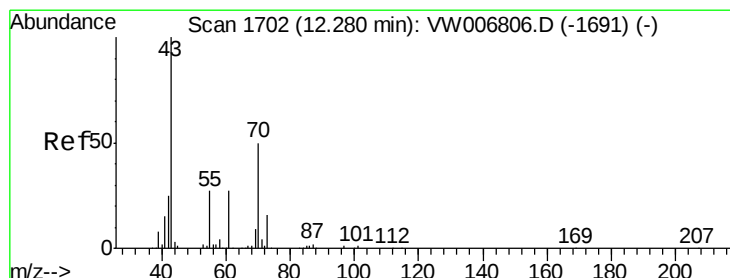
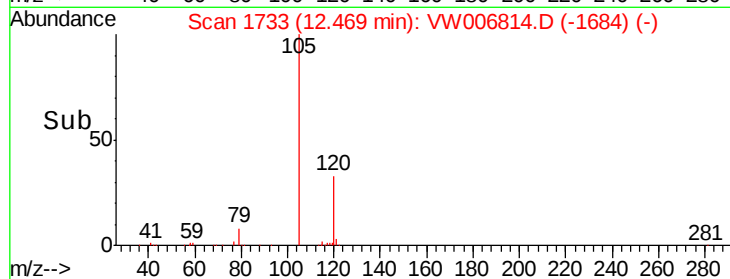
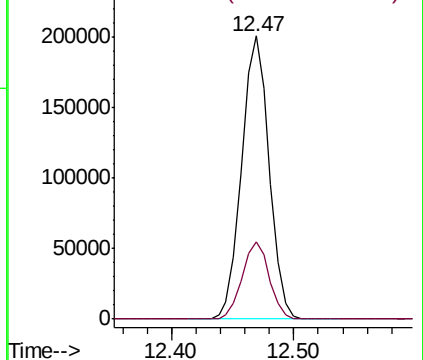
105 100

120 27.3 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.199 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion: 43 Resp: 48433

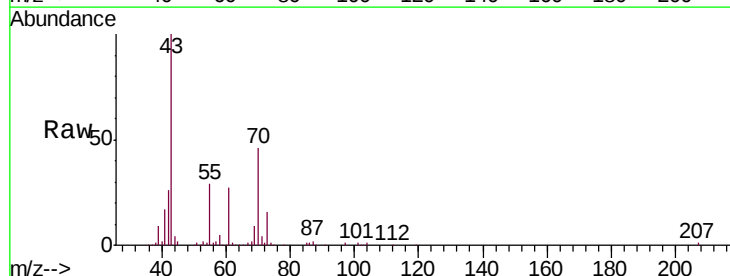
Ion Ratio Lower Upper

43 100

70 47.6 39.0 58.4

55 28.7 22.1 33.1

61 25.6 21.1 31.7

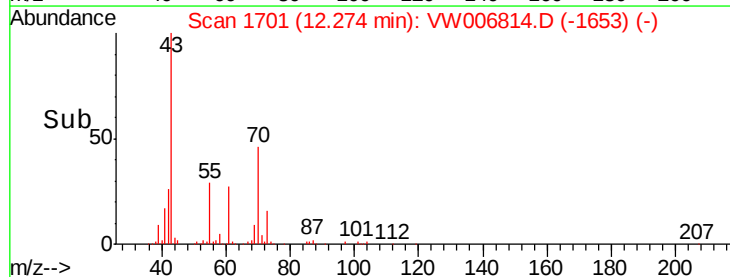
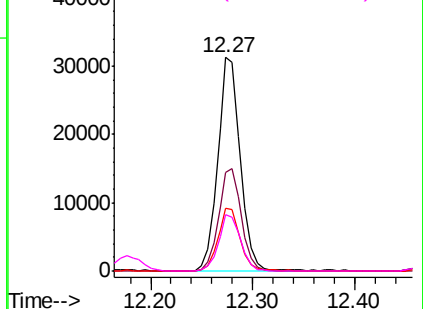


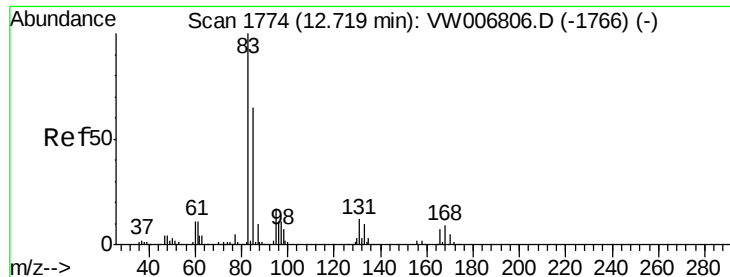
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.705 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

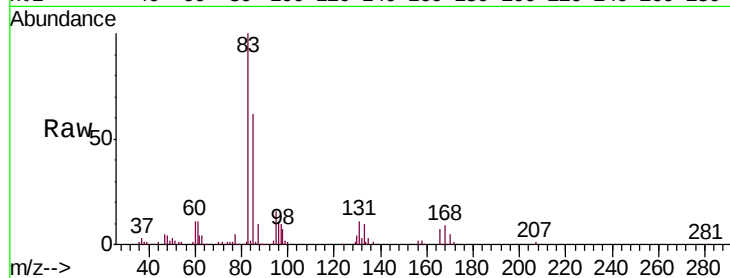
Tgt Ion: 83 Resp: 45421

Ion Ratio Lower Upper

83 100

131 12.3 6.1 18.3

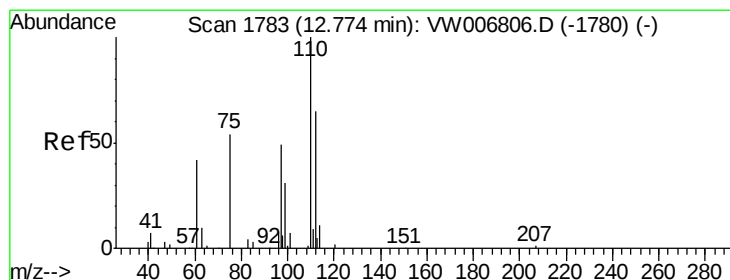
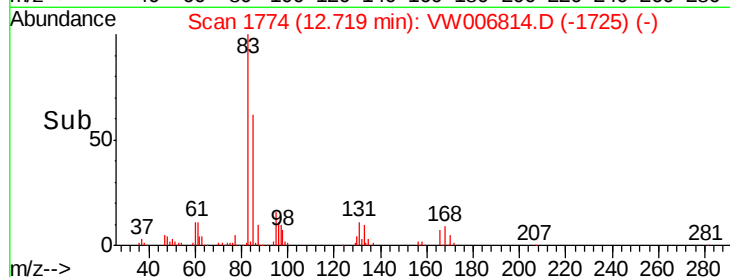
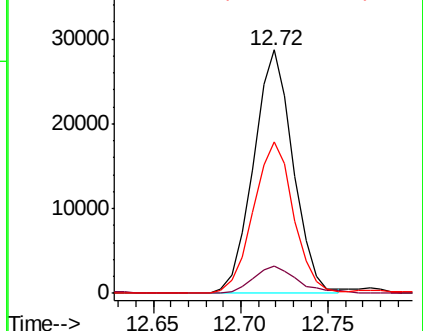
85 63.5 32.4 97.0



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: 35.524 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006814.D

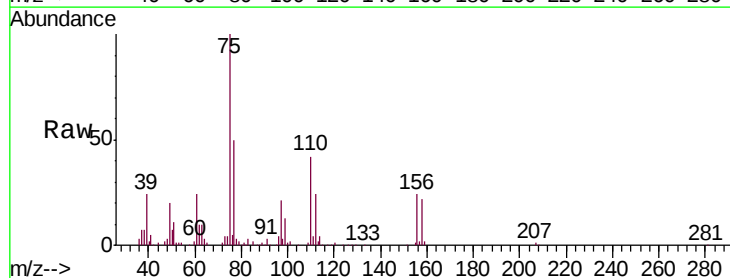
Acq: 12 Nov 2018 18:39

Tgt Ion: 75 Resp: 58486

Ion Ratio Lower Upper

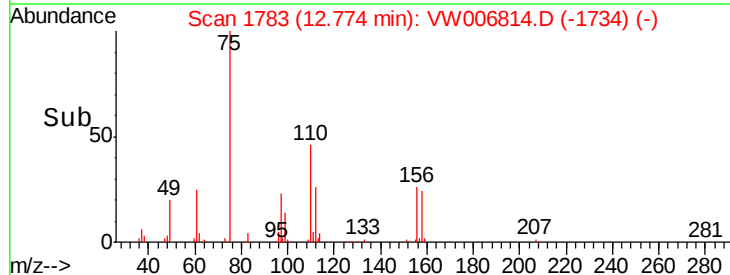
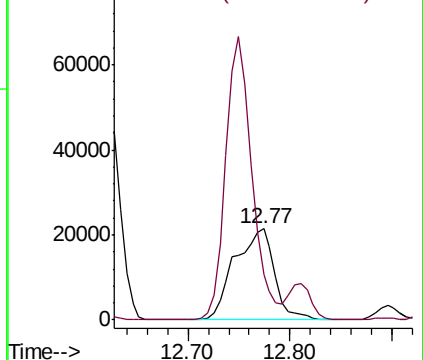
75 100

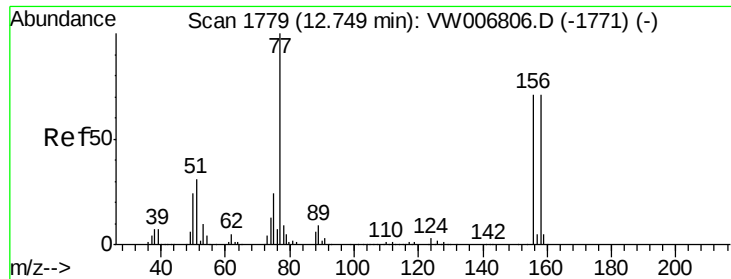
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

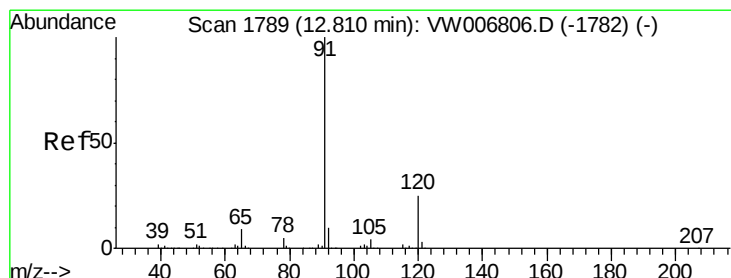
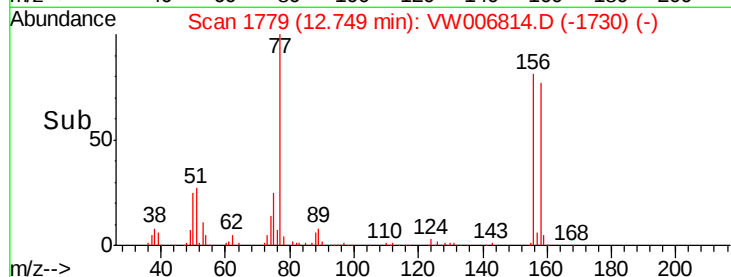
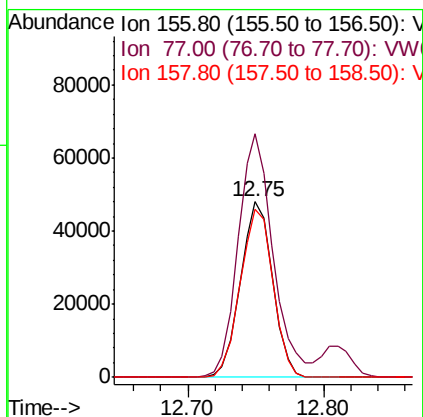
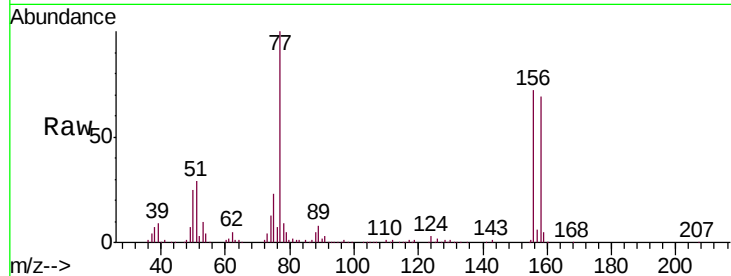




#77
Bromobenzene
Concen: 19.835 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

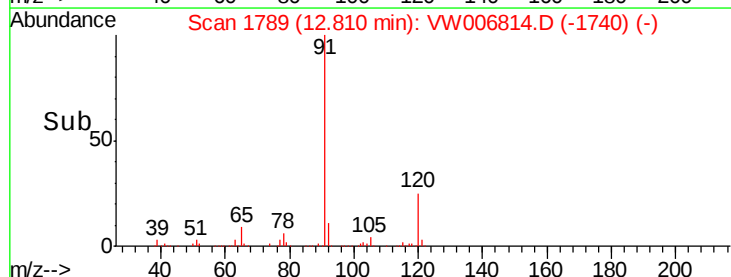
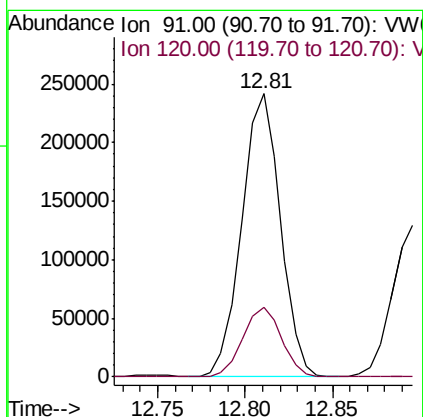
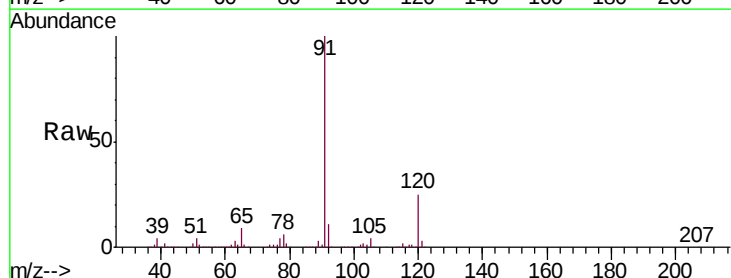
Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

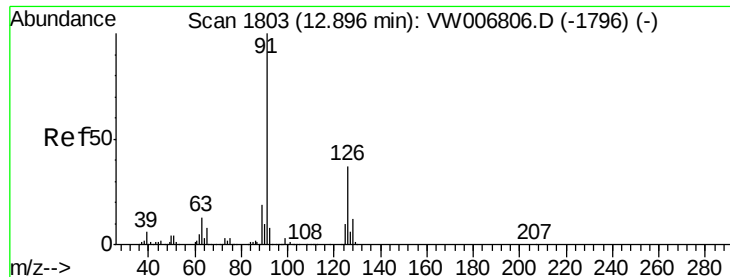
Tgt Ion: 156 Resp: 79301
Ion Ratio Lower Upper
156 100
77 151.0 75.3 225.7
158 97.8 49.2 147.6



#78
n-propylbenzene
Concen: 19.775 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 91 Resp: 370107
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.4





#79

2-Chlorotoluene

Concen: 19.692 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

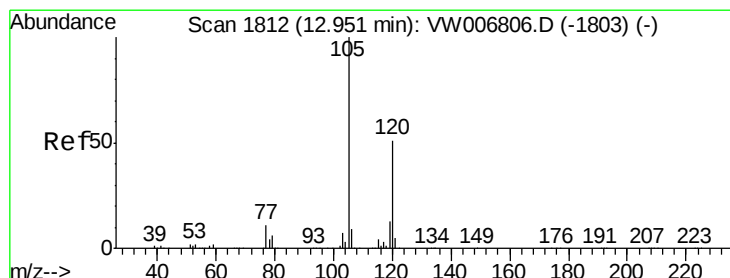
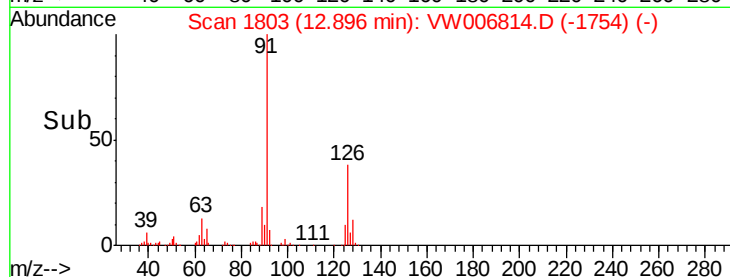
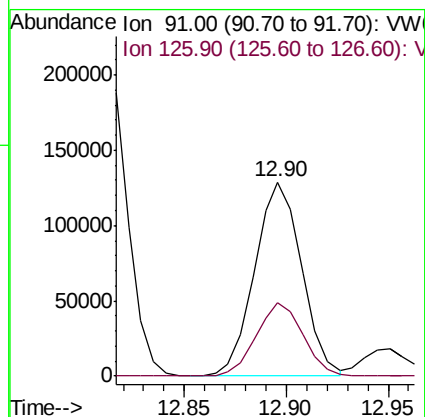
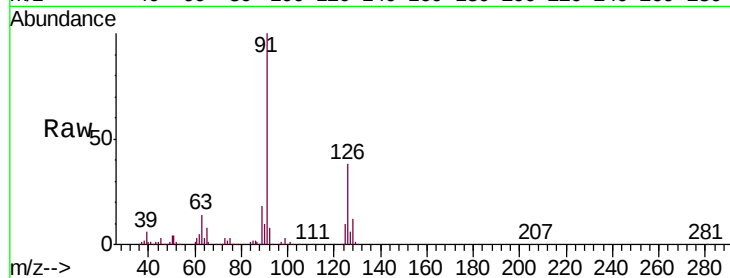
VW1112SBSD01

Tgt Ion: 91 Resp: 206776

Ion Ratio Lower Upper

91 100

126 37.7 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 19.730 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006814.D

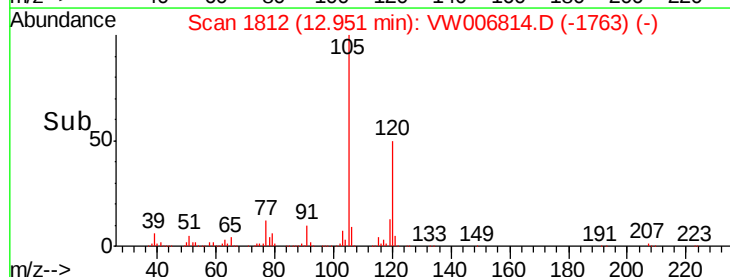
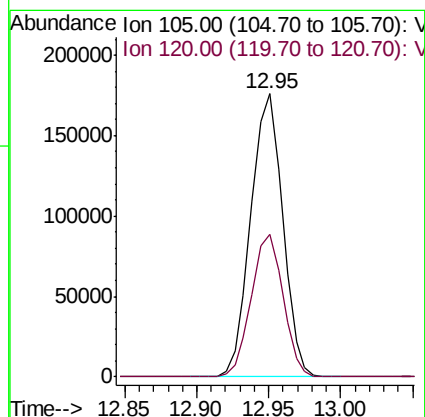
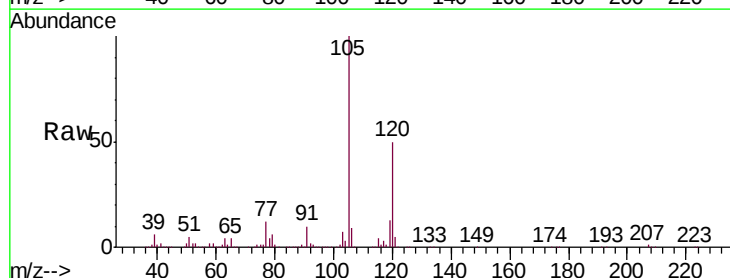
Acq: 12 Nov 2018 18:39

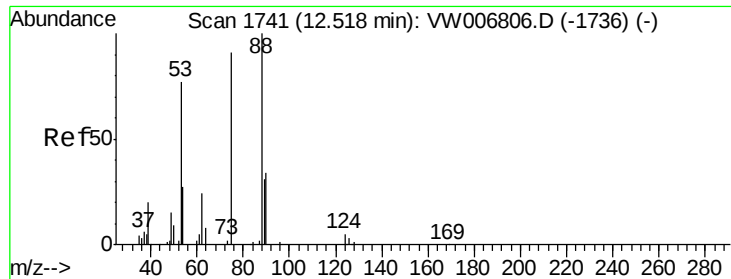
Tgt Ion: 105 Resp: 268968

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.710 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

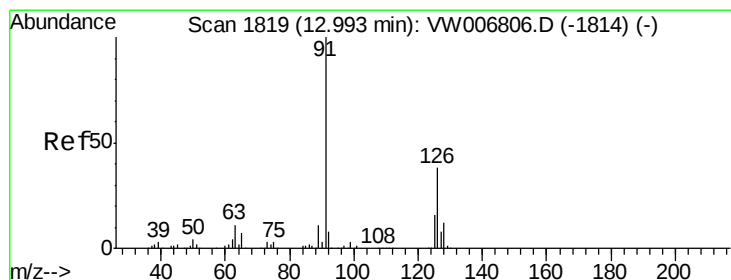
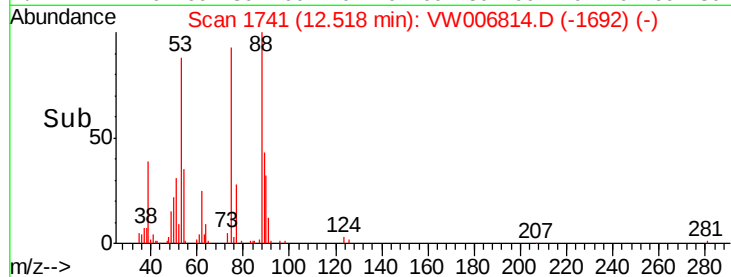
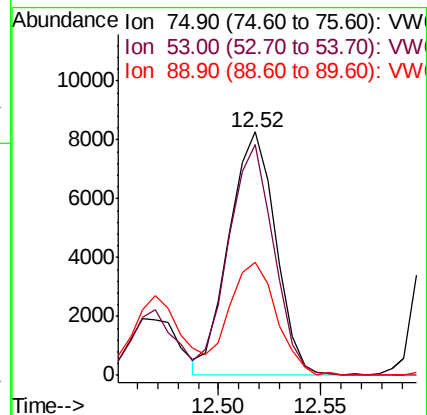
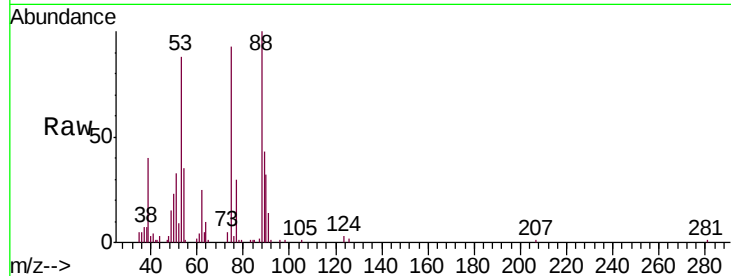
Tgt Ion: 75 Resp: 13119

Ion Ratio Lower Upper

75 100

53 92.3 72.9 109.3

89 46.8 38.7 58.1



#82

4-Chlorotoluene

Concen: 19.704 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006814.D

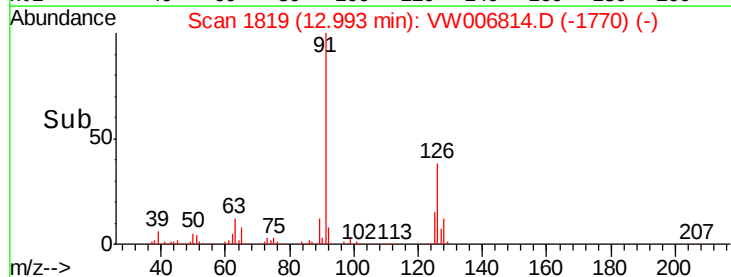
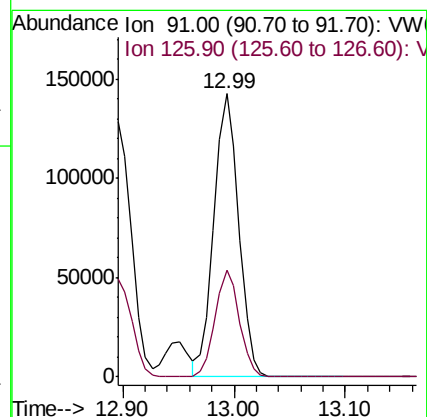
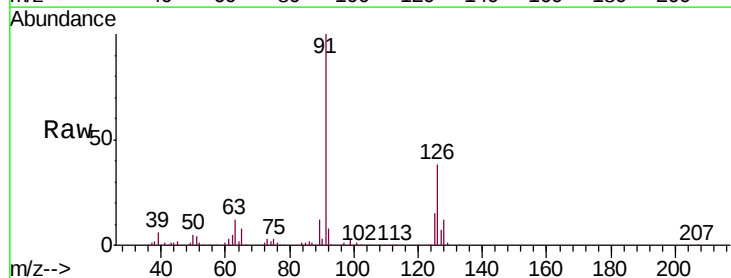
Acq: 12 Nov 2018 18:39

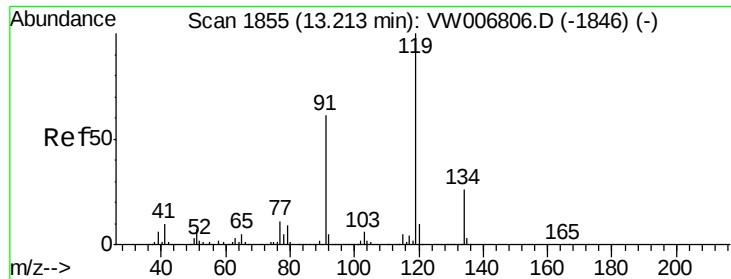
Tgt Ion: 91 Resp: 220749

Ion Ratio Lower Upper

91 100

126 36.9 18.4 55.2

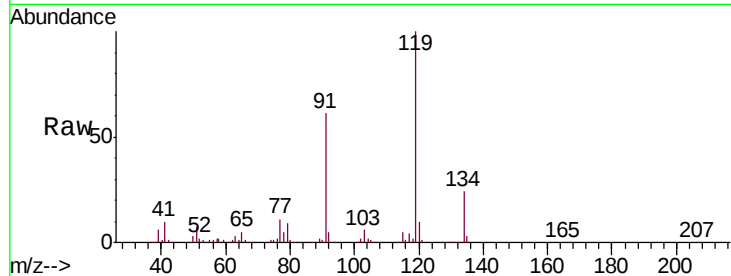




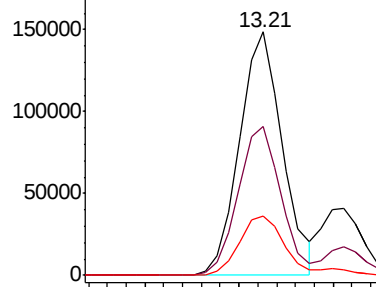
#83
 tert-Butylbenzene
 Concen: 19.509 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

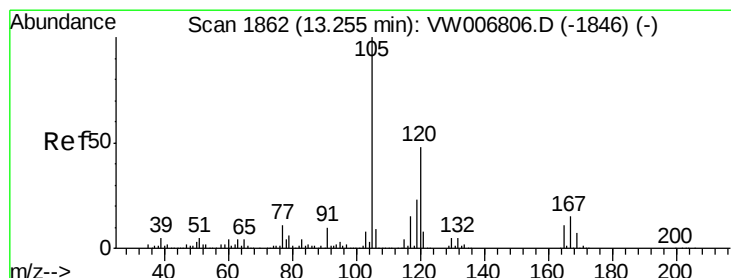
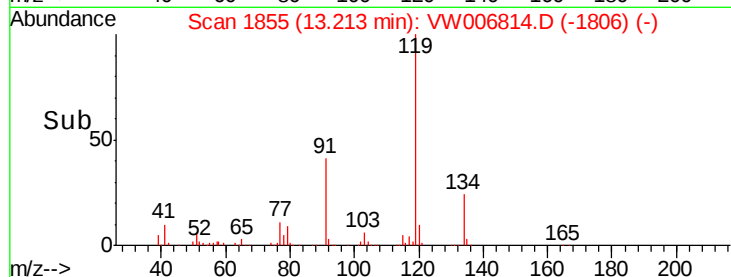
Tgt Ion:119 Resp: 235082
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.0 90.1
 134 27.2 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V
 200000 Ion 91.00 (90.70 to 91.70): VW
 Ion 134.00 (133.70 to 134.70): V

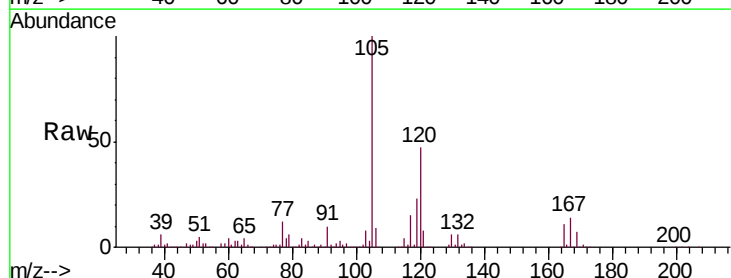


Time-->

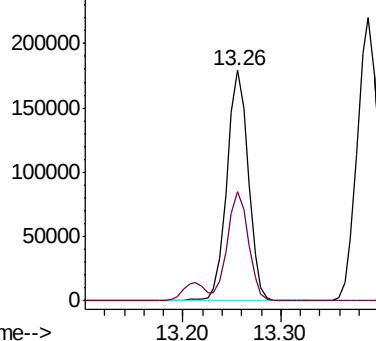


#84
 1,2,4-Trimethylbenzene
 Concen: 19.742 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

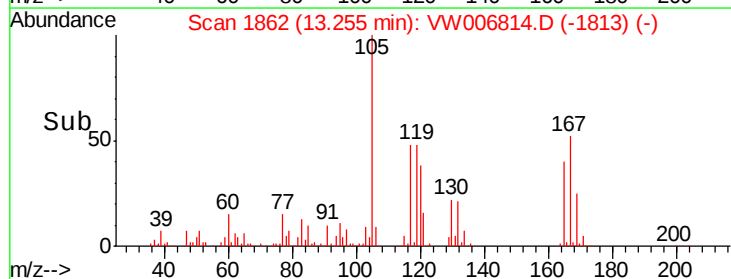
Tgt Ion:105 Resp: 273883
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.0

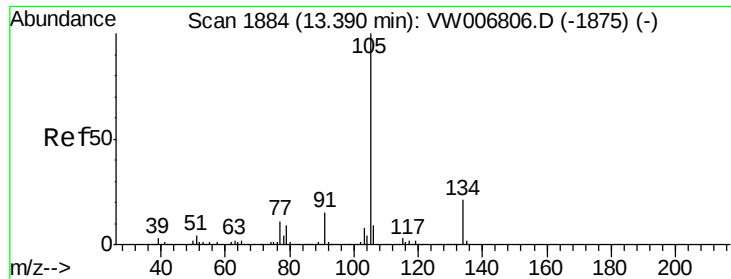


Abundance Ion 105.00 (104.70 to 105.70): V
 250000 Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 19.590 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

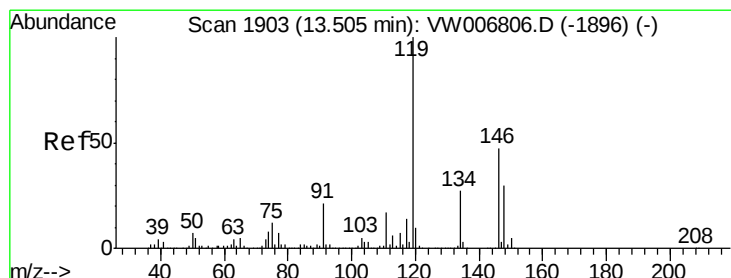
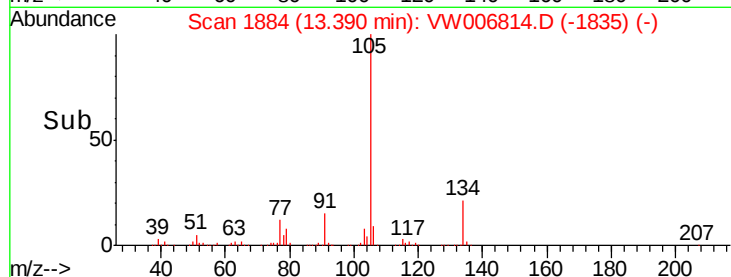
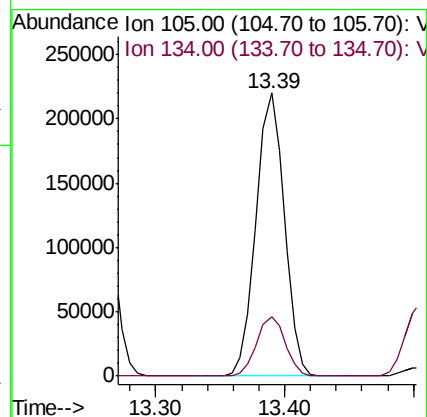
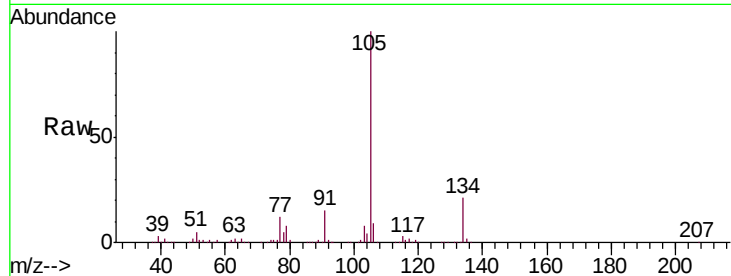
VW1112SBSD01

Tgt Ion:105 Resp: 334514

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.767 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

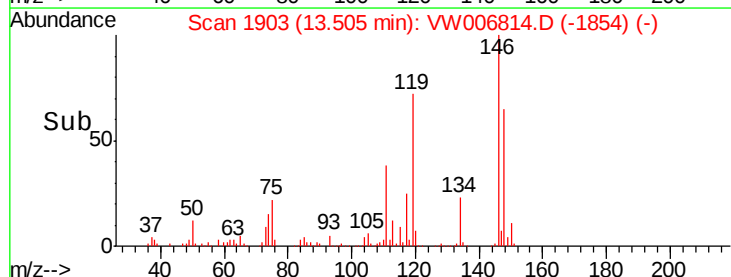
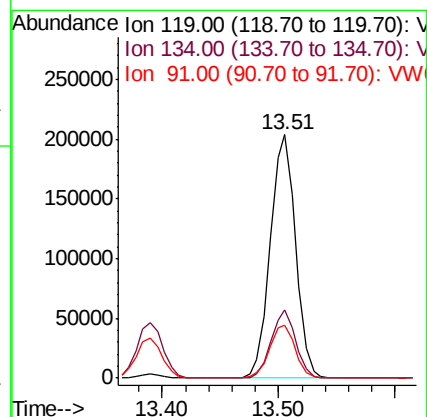
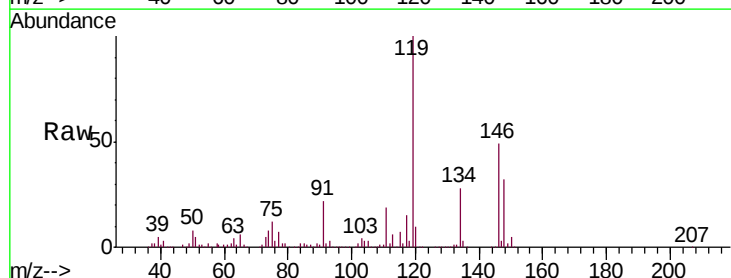
Tgt Ion:119 Resp: 307019

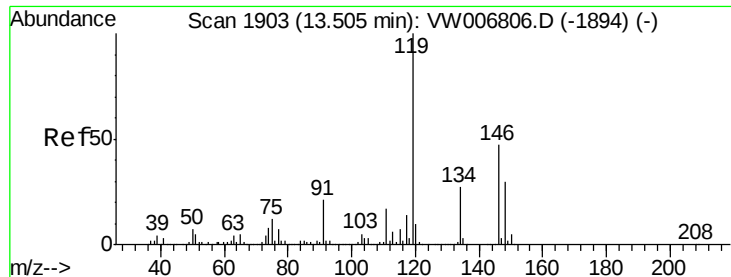
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.0 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 19.702 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

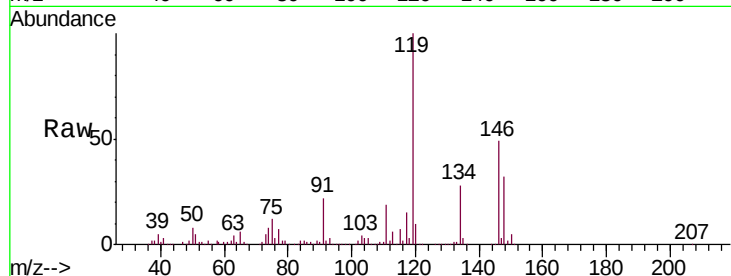
Tgt Ion:146 Resp: 160535

Ion Ratio Lower Upper

146 100

111 36.7 18.3 54.9

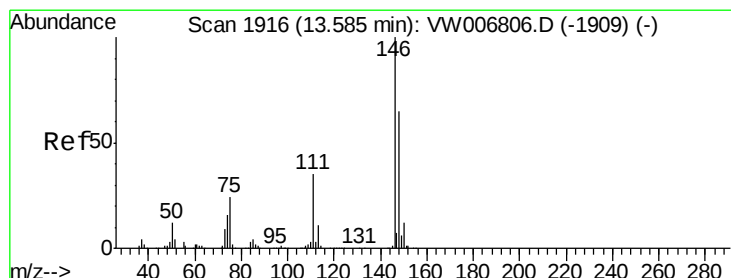
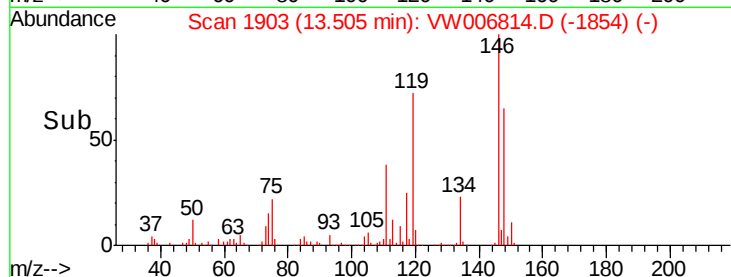
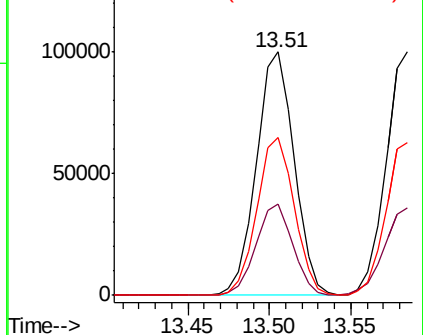
148 64.5 31.9 95.9



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: 19.933 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

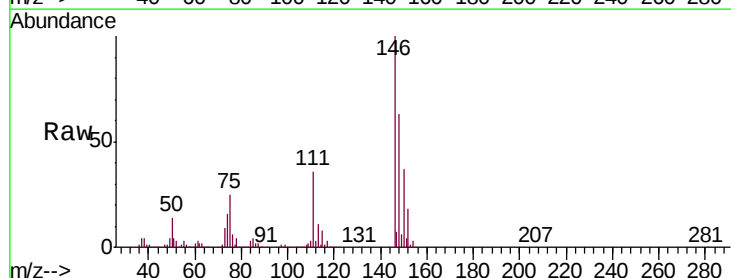
Tgt Ion:146 Resp: 160695

Ion Ratio Lower Upper

146 100

111 37.1 17.8 53.3

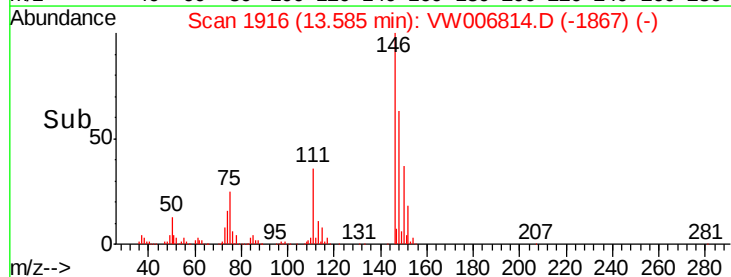
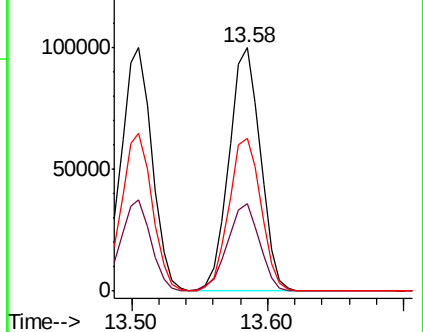
148 64.3 32.0 96.0

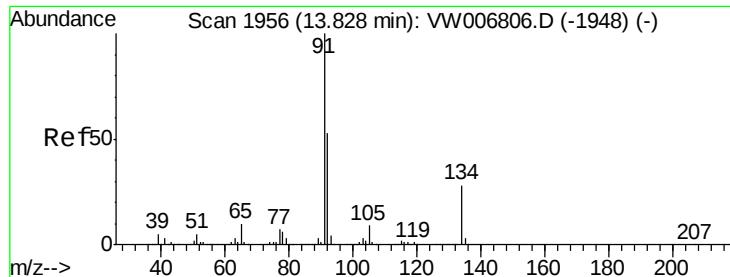


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.715 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

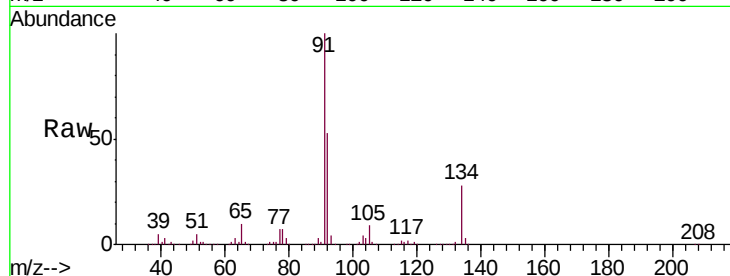
Tgt Ion: 91 Resp: 279842

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.4

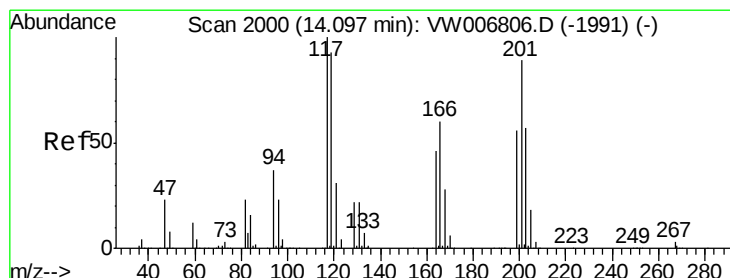
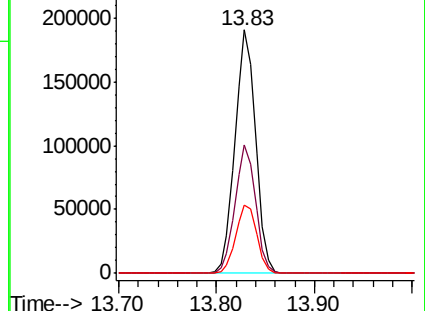
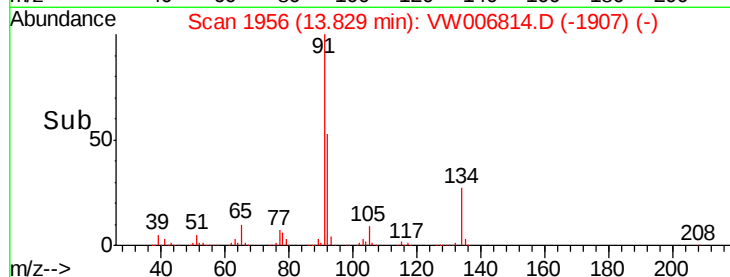
134 28.8 14.4 43.2



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: 19.058 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006814.D

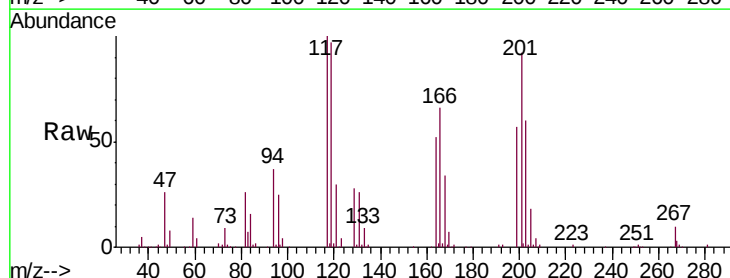
Acq: 12 Nov 2018 18:39

Tgt Ion: 117 Resp: 47365

Ion Ratio Lower Upper

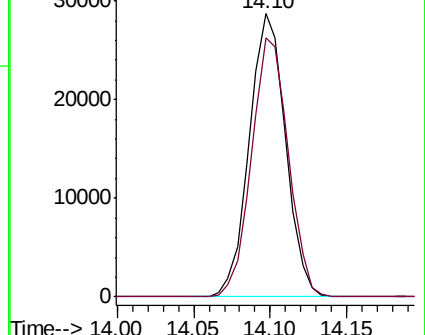
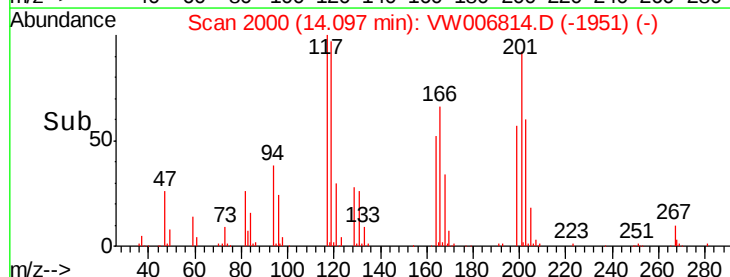
117 100

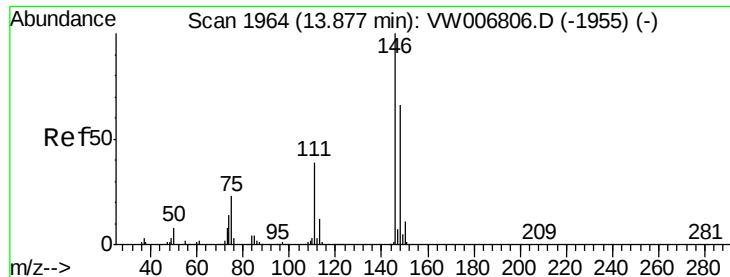
201 92.7 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.919 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

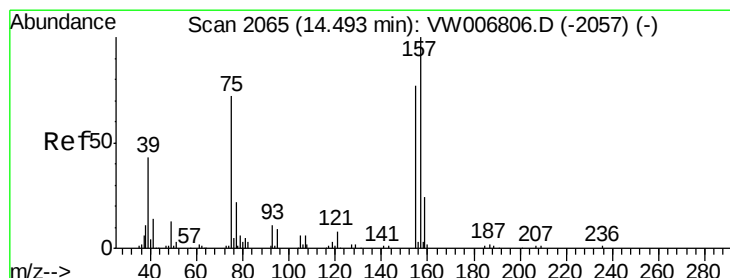
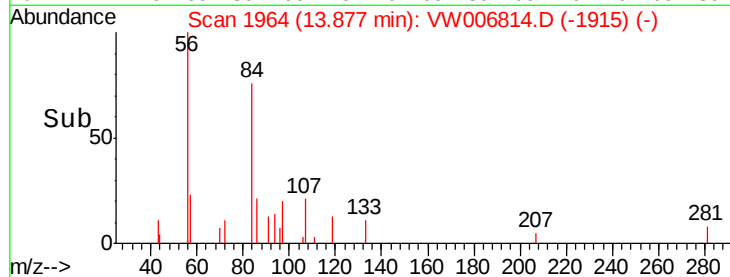
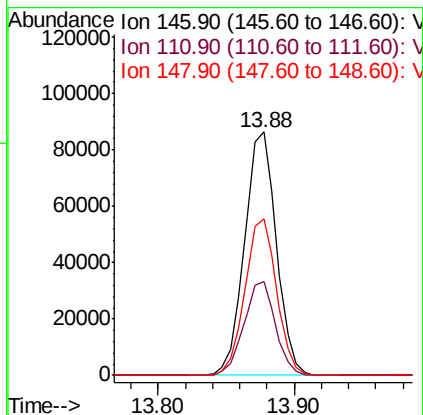
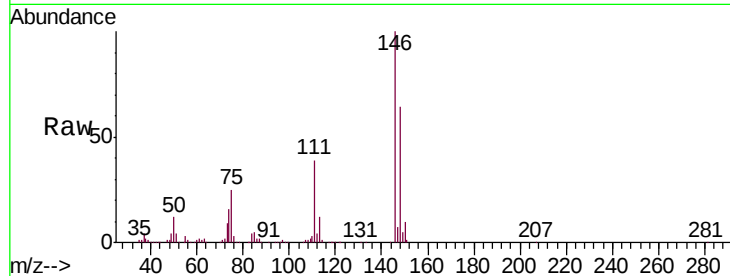
Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion:	146	Resp:	141349
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	64.1	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.114 ug/l

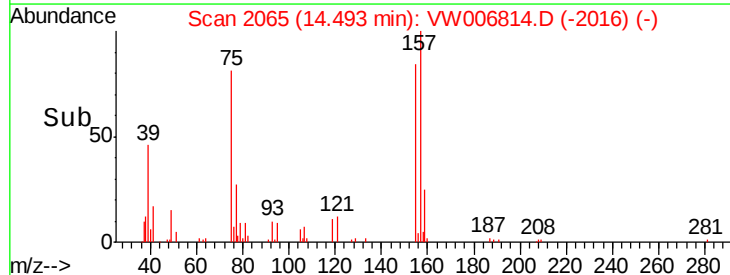
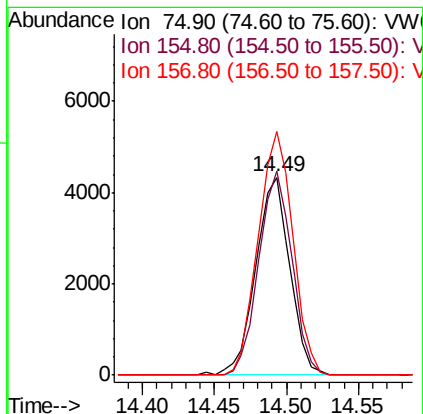
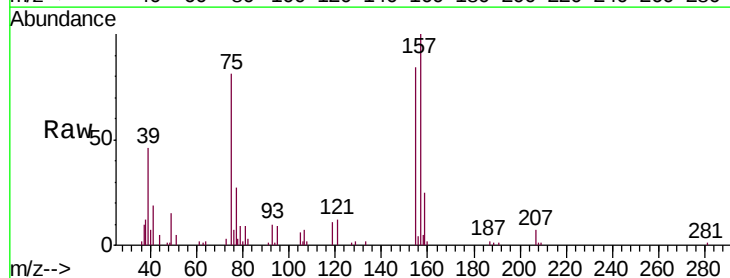
RT: 14.49 min Scan# 2065

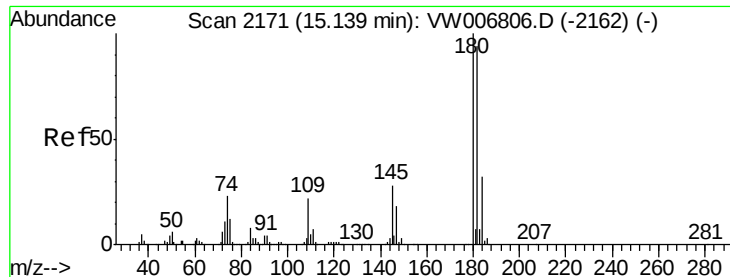
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	75	Resp:	7064
Ion	Ratio	Lower	Upper
75	100		
155	100.6	51.0	153.1
157	125.7	67.4	202.2

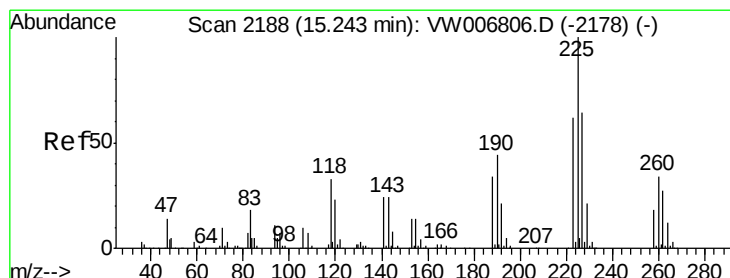
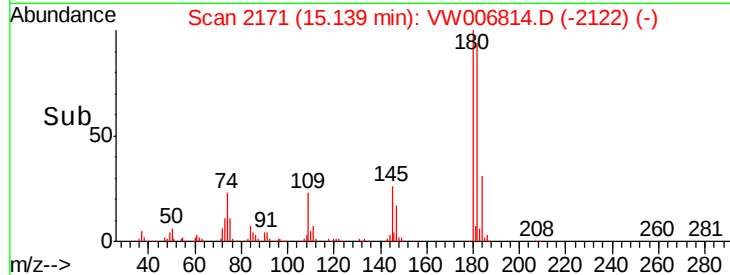
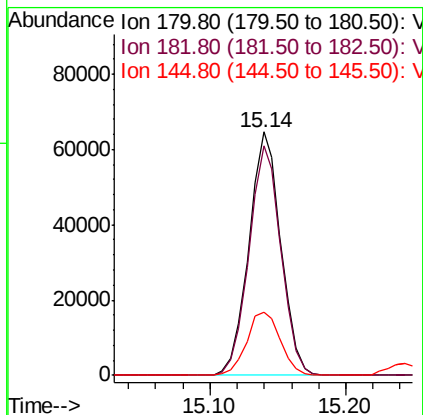
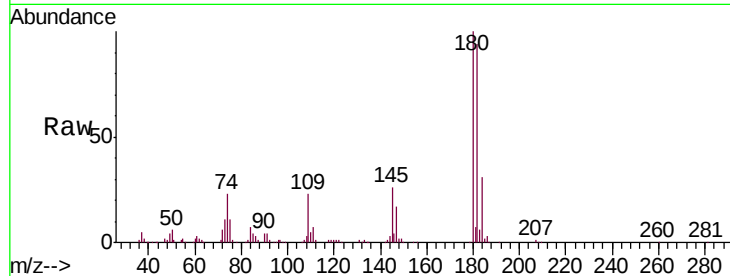




#93
 1,2,4-Trichlorobenzene
 Concen: 19.795 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

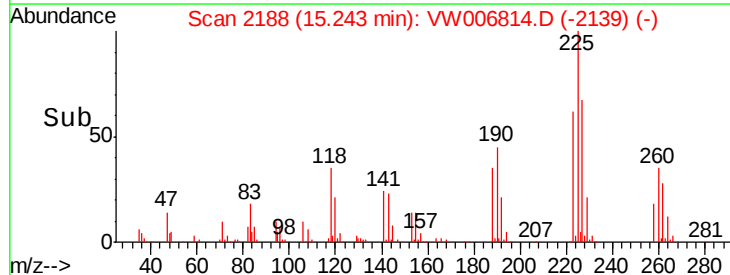
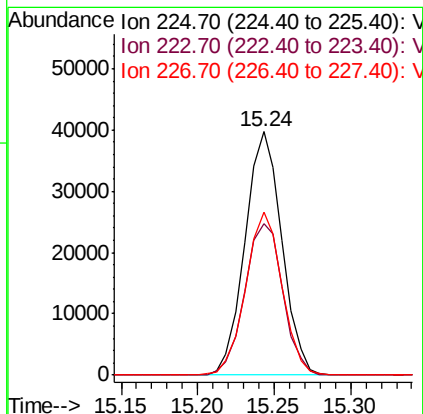
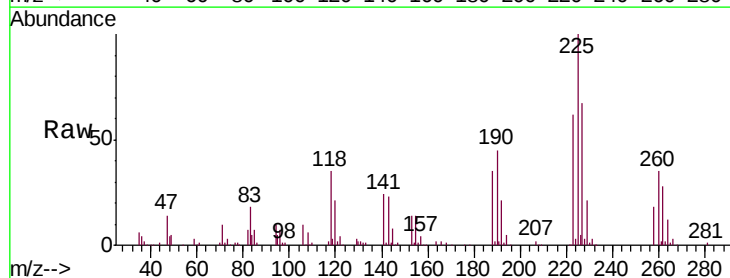
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

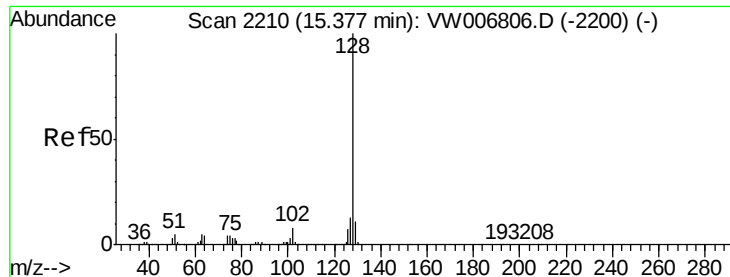
Tgt Ion:180 Resp: 106053
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.5 142.5
 145 27.4 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 19.610 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion:225 Resp: 66571
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.2 93.6
 227 65.6 32.3 96.9

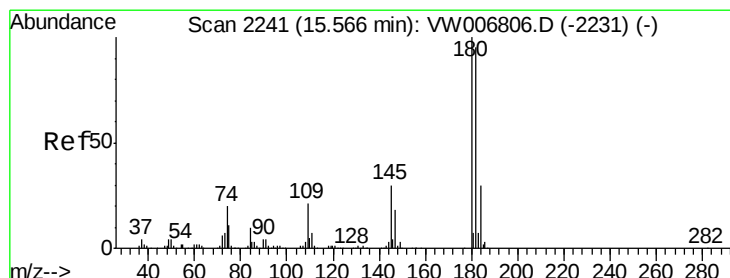
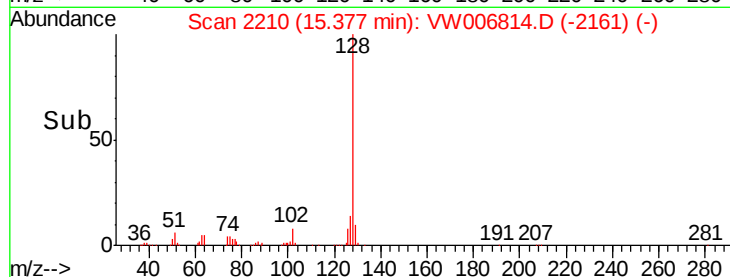
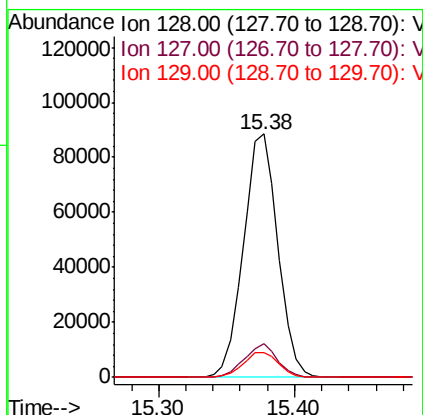
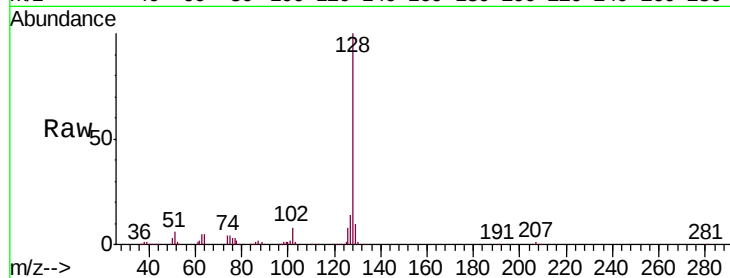




#95
Naphthalene
Concen: 19.510 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.478 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.6
145	29.7	15.2	45.5

