

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006025.D
 Acq On : 11 Oct 2018 12:11
 Operator : VA/AP
 Sample : VW1012SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Quant Time: Oct 11 15:47:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109894	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	7.88	113	110730	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.33	98	424628	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	158918	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24468	20.38	ug/l	100
3) Chloromethane	2.21	50	29783	21.09	ug/l	97
4) Vinyl Chloride	2.37	62	45778	20.42	ug/l	97
5) Bromomethane	2.78	94	40765	23.04	ug/l	99
6) Chloroethane	2.92	64	32339	22.64	ug/l	95
7) Trichlorofluoromethane	3.25	101	36959	20.77	ug/l	96
8) Diethyl Ether	3.68	74	21680	19.80	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43372	19.31	ug/l	99
10) Methyl Iodide	4.27	142	68313	18.60	ug/l	99
11) Tert butyl alcohol	5.20	59	14705	84.37	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	39885	18.49	ug/l	97
13) Acrolein	3.90	56	13062	84.10	ug/l	97
14) Allyl chloride	4.66	41	56149	15.27	ug/l	95
15) Acrylonitrile	5.37	53	44745	93.88	ug/l	99
16) Acetone	4.14	43	50899	107.15	ug/l	94
17) Carbon Disulfide	4.38	76	102058	15.65	ug/l	98
18) Methyl Acetate	4.67	43	20094	16.76	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	63817	19.02	ug/l	100
20) Methylene Chloride	4.92	84	45072	18.94	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	44583	18.97	ug/l	98
22) Diisopropyl ether	6.31	45	119514	17.38	ug/l	98
23) Vinyl Acetate	6.26	43	366660	86.65	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76020	18.07	ug/l	99
25) 2-Butanone	7.18	43	66734	98.77	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50838	17.17	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51385	19.33	ug/l	96
28) Bromochloromethane	7.51	49	29060	18.71	ug/l	92
29) Tetrahydrofuran	7.54	42	38160	89.35	ug/l	96
30) Chloroform	7.68	83	81627	18.89	ug/l	100
31) Cyclohexane	7.95	56	70200	16.86	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68139	17.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63600	18.69	ug/l	100
37) Ethyl Acetate	7.26	43	26514	18.40	ug/l	100
38) Carbon Tetrachloride	8.07	117	65159	17.82	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82268	18.33	ug/l	96
40) Benzene	8.32	78	177138	19.02	ug/l	99
41) Methacrylonitrile	7.49	41	15246	16.90	ug/l	95
42) 1,2-Dichloroethane	8.40	62	53502	19.02	ug/l	99
43) Isopropyl Acetate	8.43	43	52763	17.53	ug/l	98
44) Trichloroethene	9.09	130	52656	19.49	ug/l	99
45) 1,2-Dichloropropane	9.37	63	42799	18.36	ug/l	99
46) Dibromomethane	9.46	93	24832	19.38	ug/l	96
47) Bromodichloromethane	9.65	83	57992	17.99	ug/l	99
48) Methyl methacrylate	9.44	41	24282	16.93	ug/l	94
49) 1,4-Dioxane	9.47	88	7886	405.23	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	138171	94.27	ug/l	99
52) Toluene	10.39	92	116849	19.10	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57428	17.05	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	67472	17.82	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	34589	19.49	ug/l	98
56) Ethyl methacrylate	10.65	69	45361	18.97	ug/l	94
57) 1,3-Dichloropropane	10.93	76	57693	19.33	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93197	95.77	ug/l	98
59) 2-Hexanone	10.98	43	103486	98.47	ug/l	97
60) Dibromochloromethane	11.13	129	41886	18.29	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34683	19.56	ug/l	99
64) Tetrachloroethene	10.87	164	46286	18.98	ug/l	99
65) Chlorobenzene	11.66	112	137219	19.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48471	18.85	ug/l	98
67) Ethyl Benzene	11.73	91	236014	19.05	ug/l	99
68) m/p-Xylenes	11.84	106	185307	38.28	ug/l	100
69) o-Xylene	12.17	106	89332	19.27	ug/l	97
70) Styrene	12.18	104	147256	19.15	ug/l	99
71) Bromoform	12.35	173	25559	16.69	ug/l #	100
73) Isopropylbenzene	12.47	105	249047	18.56	ug/l	100
74) N-amyl acetate	12.28	43	54050	16.96	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	41996	19.10	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	53118	32.37	ug/l #	100
77) Bromobenzene	12.75	156	61861	19.46	ug/l	95
78) n-propylbenzene	12.81	91	293237	18.58	ug/l	100
79) 2-Chlorotoluene	12.90	91	164788	18.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	209588	18.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10958	14.10	ug/l	93
82) 4-Chlorotoluene	12.99	91	175436	18.72	ug/l	99
83) tert-Butylbenzene	13.21	119	189473	18.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	217406	19.03	ug/l	100
85) sec-Butylbenzene	13.39	105	268500	18.99	ug/l	99
86) p-Isopropyltoluene	13.51	119	241960	19.03	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	124232	19.67	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125728	20.04	ug/l	99
89) n-Butylbenzene	13.83	91	227276	18.96	ug/l	99
90) Hexachloroethane	14.10	117	38404	16.06	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	111813	19.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7057	17.22	ug/l	99

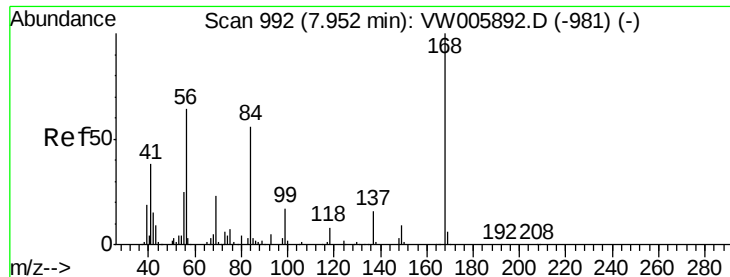
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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	86993	20.01	ug/l	100
94) Hexachlorobutadiene	15.24	225	51894	19.13	ug/l	100
95) Naphthalene	15.38	128	148508	19.82	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75132	19.96	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

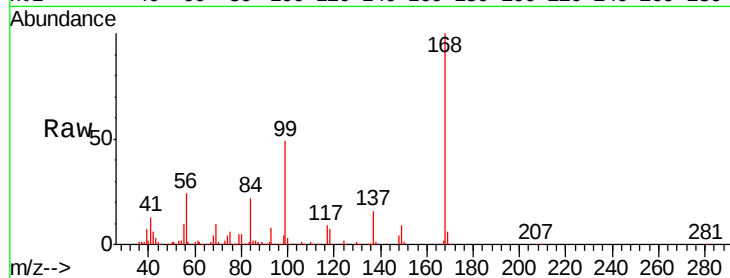
VW1012SBSD01

Tgt Ion:168 Resp: 244975

Ion Ratio Lower Upper

168 100

99 49.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

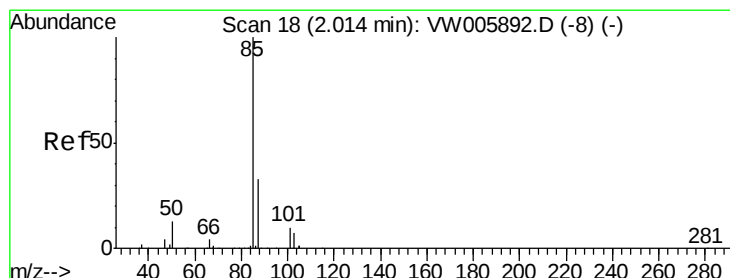
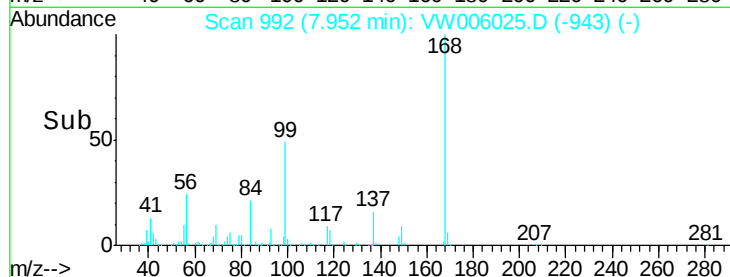
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.38 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006025.D

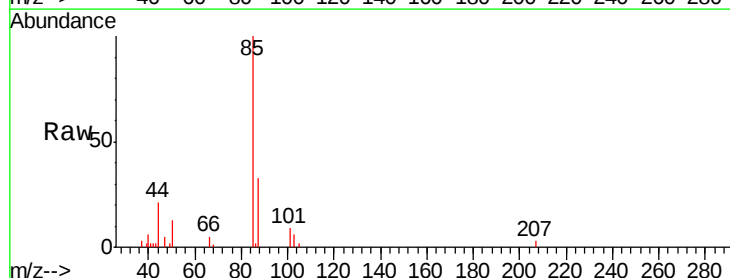
Acq: 11 Oct 2018 12:11

Tgt Ion: 85 Resp: 24468

Ion Ratio Lower Upper

85 100

87 33.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

4000

2000

0

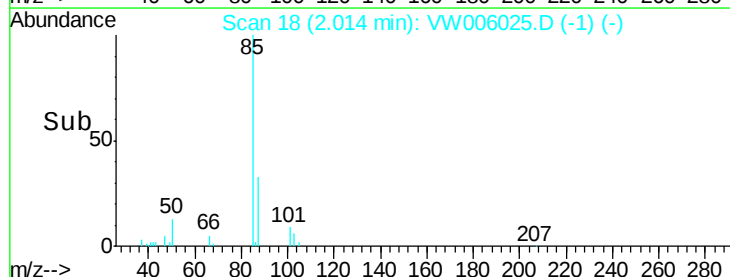
1.90

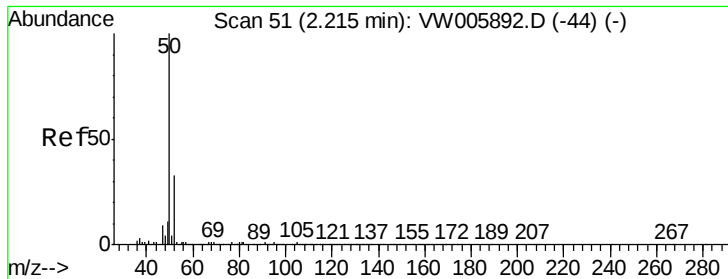
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.09 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

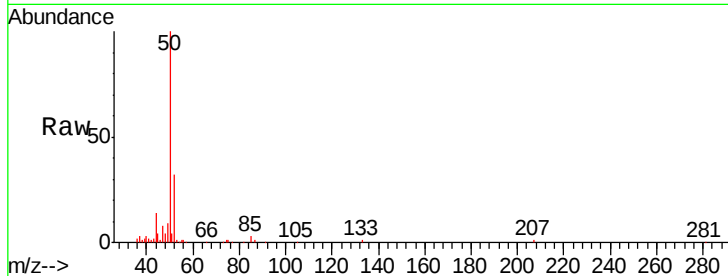
VW1012SBSD01

Tgt Ion: 50 Resp: 29783

Ion Ratio Lower Upper

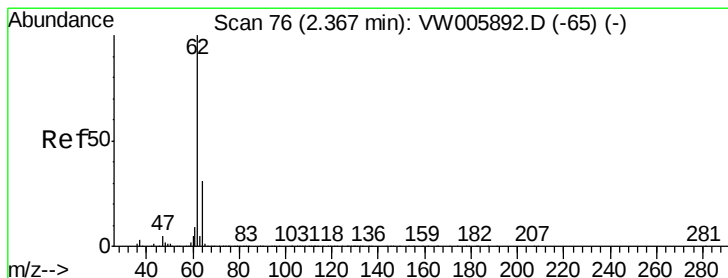
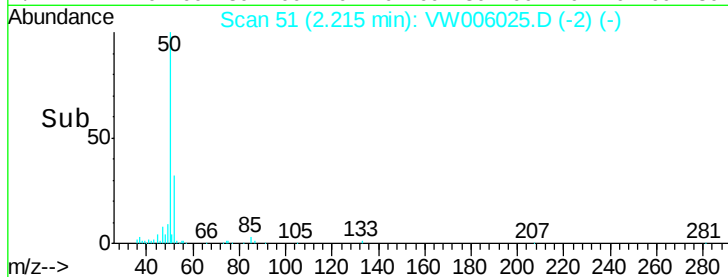
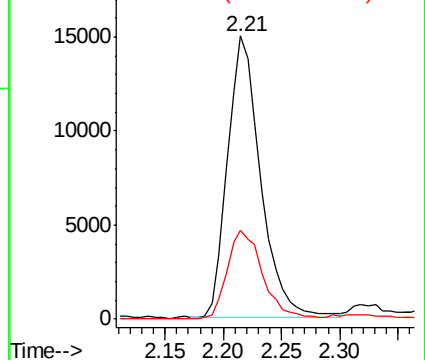
50 100

52 31.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.42 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW006025.D

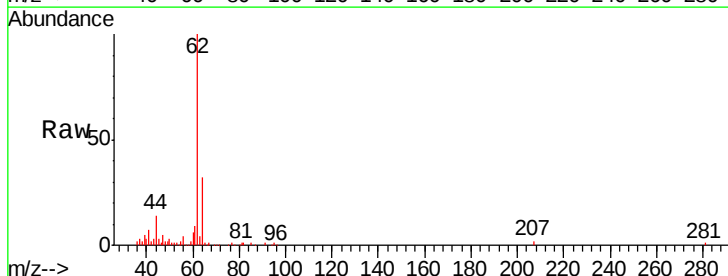
Acq: 11 Oct 2018 12:11

Tgt Ion: 62 Resp: 45778

Ion Ratio Lower Upper

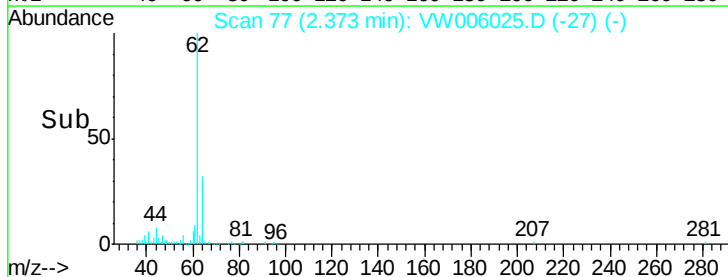
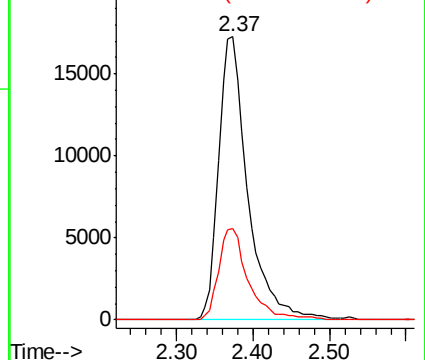
62 100

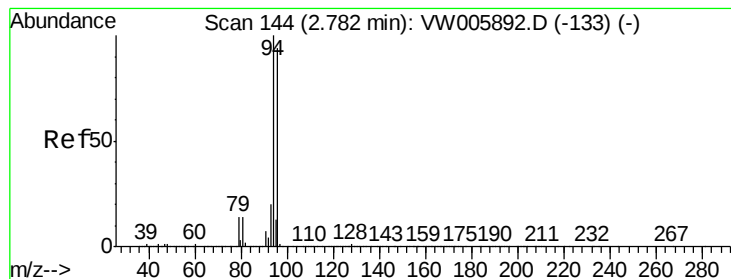
64 32.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.04 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

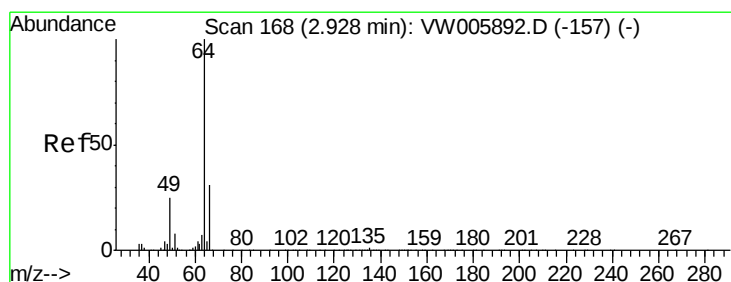
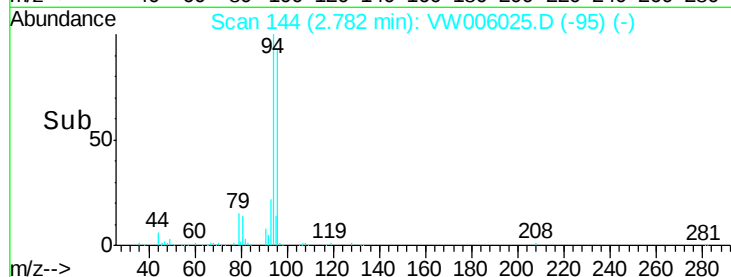
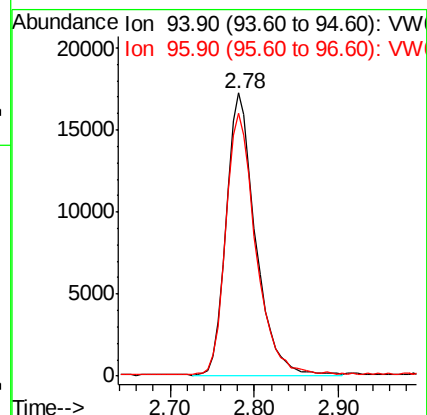
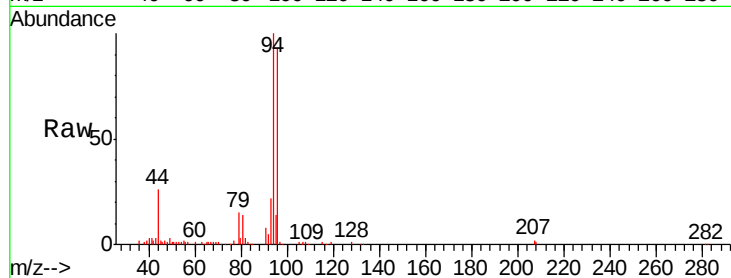
VW1012SBSD01

Tgt Ion: 94 Resp: 40765

Ion Ratio Lower Upper

94 100

96 92.7 75.0 112.4



#6

Chloroethane

Concen: 22.64 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006025.D

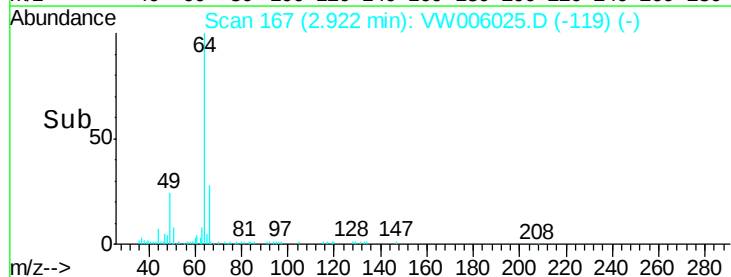
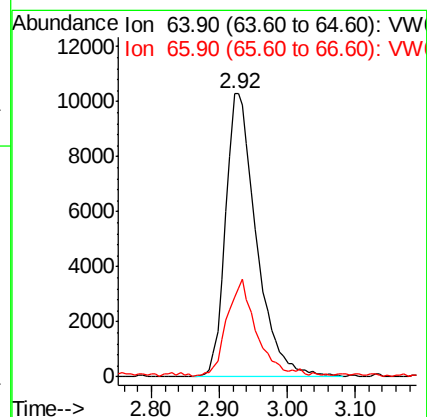
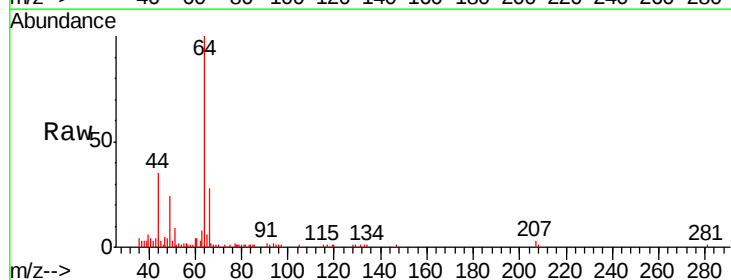
Acq: 11 Oct 2018 12:11

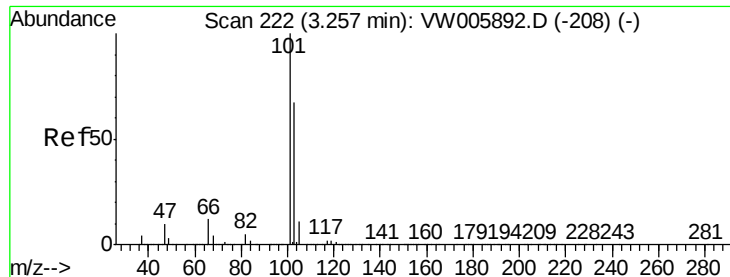
Tgt Ion: 64 Resp: 32339

Ion Ratio Lower Upper

64 100

66 28.2 25.0 37.4





#7

Trichlorofluoromethane

Concen: 20.77 ug/l

RT: 3.25 min Scan# 221

Delta R.T. -0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

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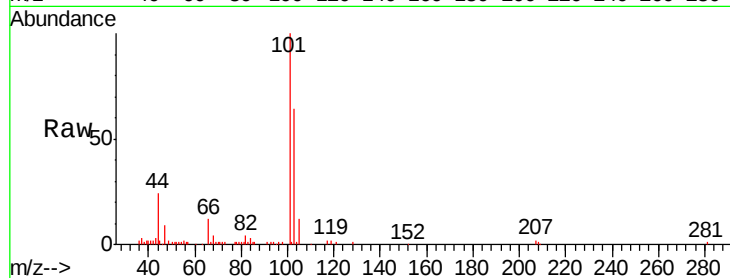
VW1012SBSD01

Tgt Ion:101 Resp: 36959

Ion Ratio Lower Upper

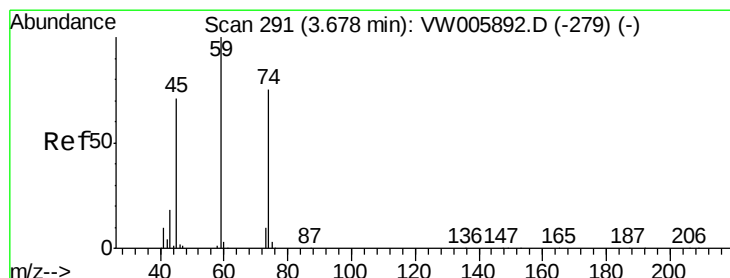
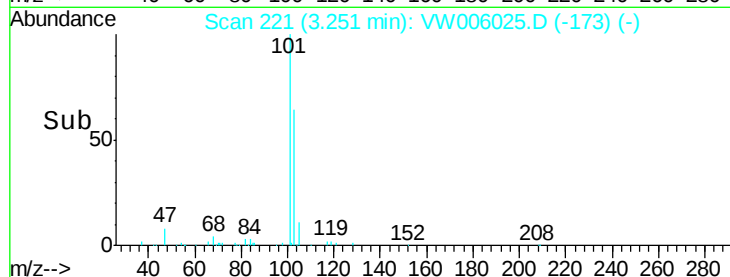
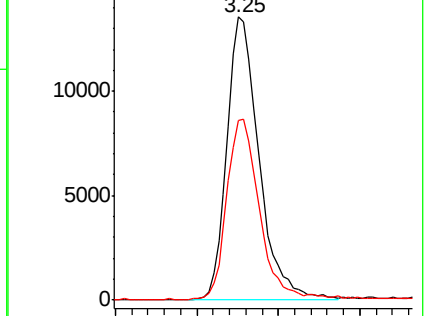
101 100

103 63.7 53.5 80.3



Abundance Ion 100.90 (100.60 to 101.60): VW

Ion 102.80 (102.50 to 103.50): VW



#8

Diethyl Ether

Concen: 19.80 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW006025.D

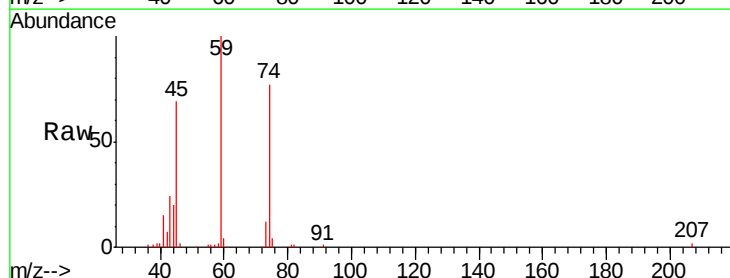
Acq: 11 Oct 2018 12:11

Tgt Ion: 74 Resp: 21680

Ion Ratio Lower Upper

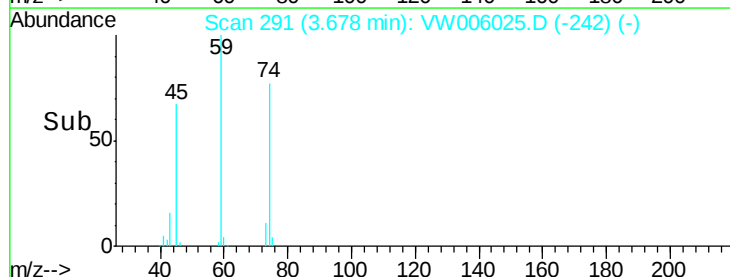
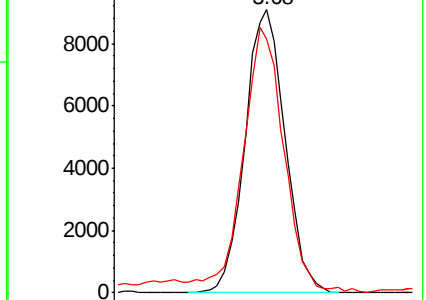
74 100

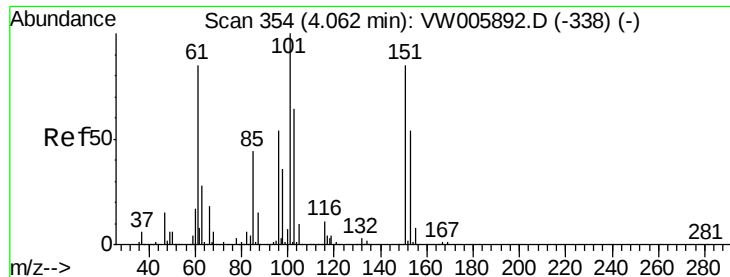
45 97.0 46.8 140.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.31 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006025.D

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ClientSampleId :

VW1012SBSD01

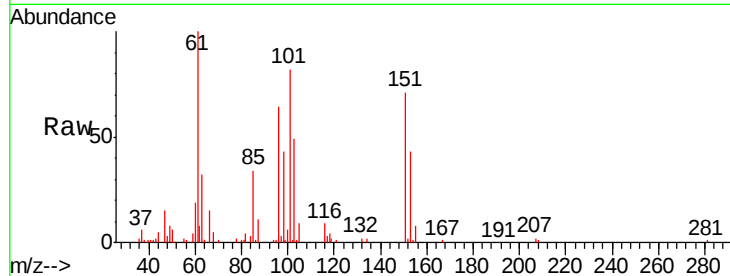
Tgt Ion:101 Resp: 43372

Ion Ratio Lower Upper

101 100

85 42.7 35.1 52.7

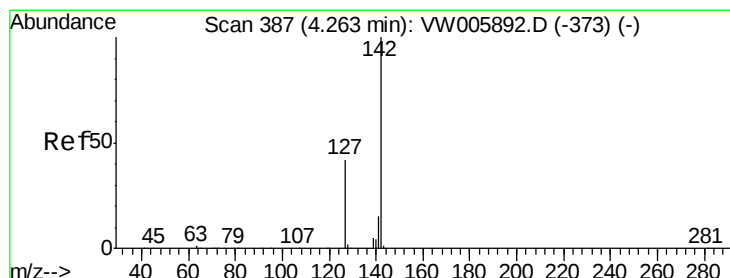
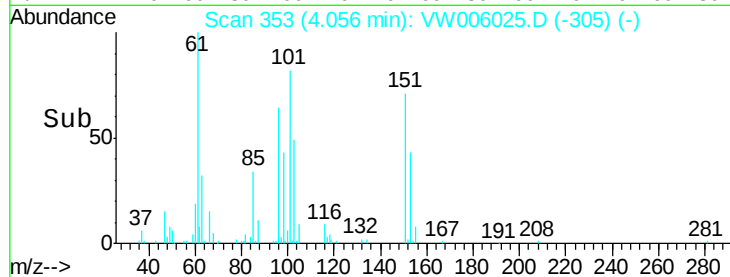
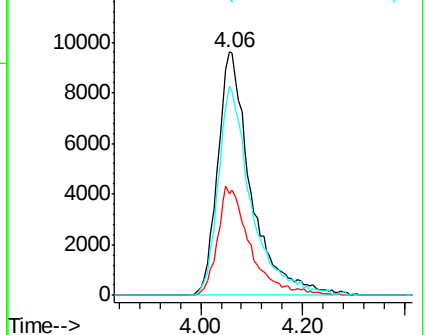
151 85.4 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.60 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

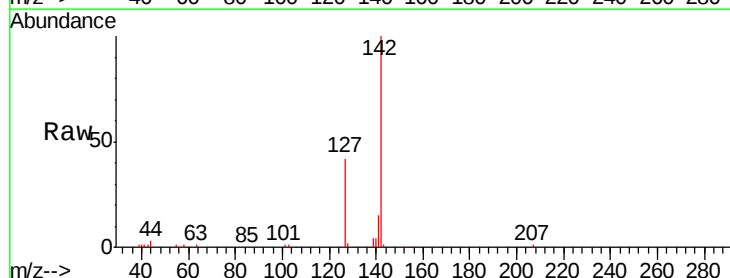
Tgt Ion:142 Resp: 68313

Ion Ratio Lower Upper

142 100

127 41.6 33.7 50.5

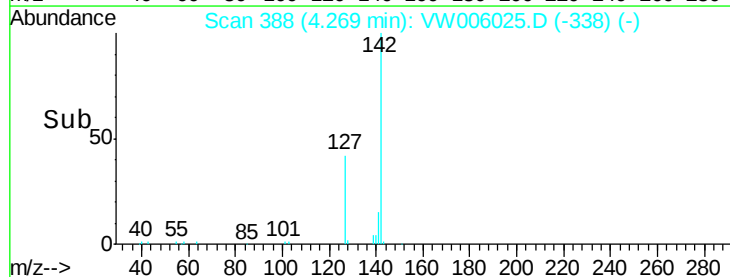
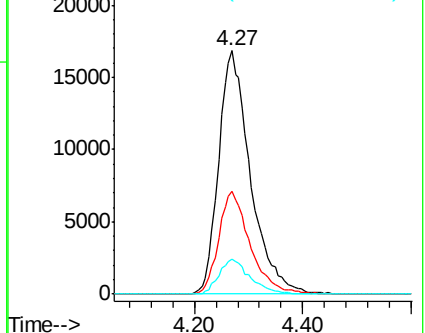
141 14.1 11.5 17.3

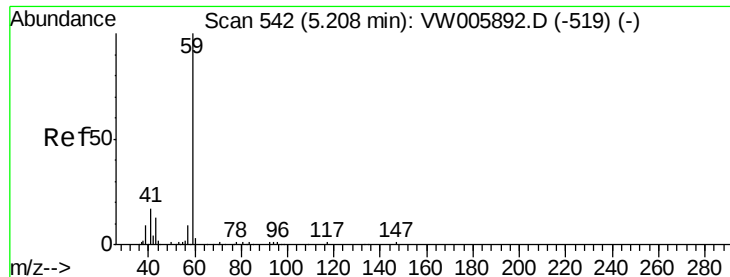


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.37 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

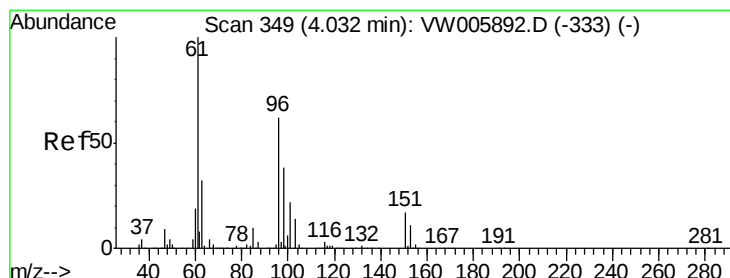
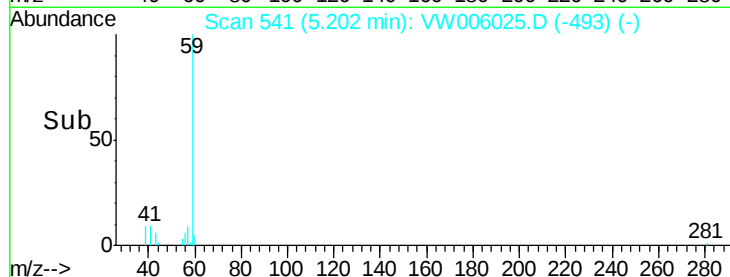
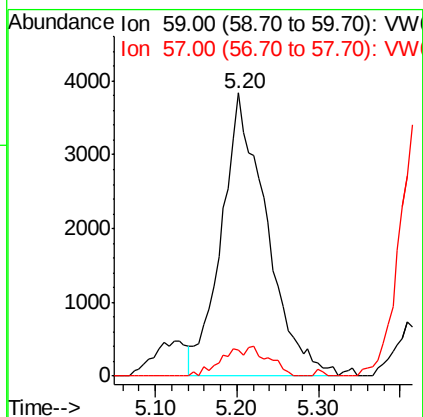
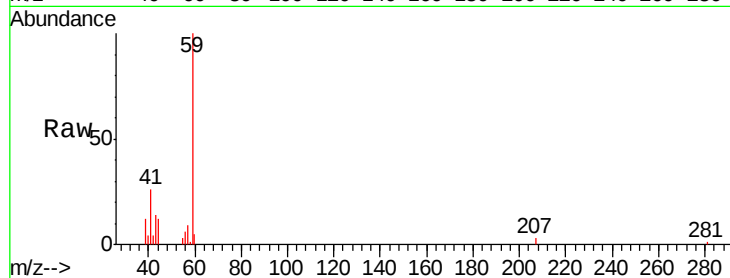
VW1012SBSD01

Tgt Ion: 59 Resp: 14705

Ion Ratio Lower Upper

59 100

57 5.4 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 18.49 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

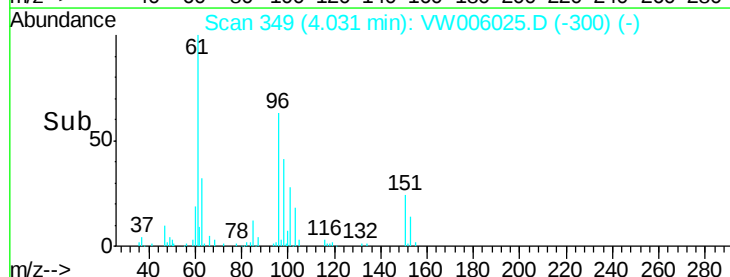
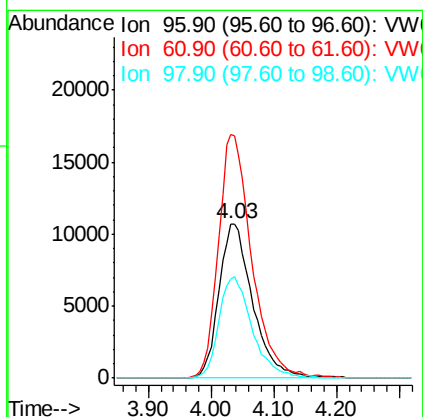
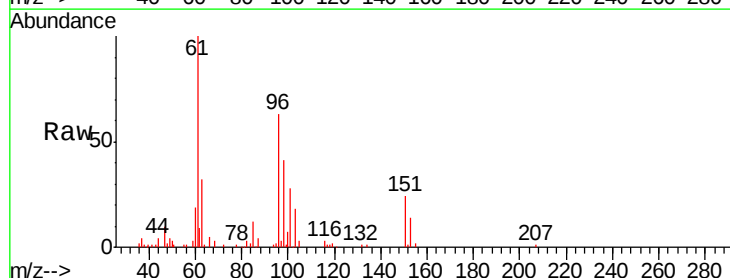
Tgt Ion: 96 Resp: 39885

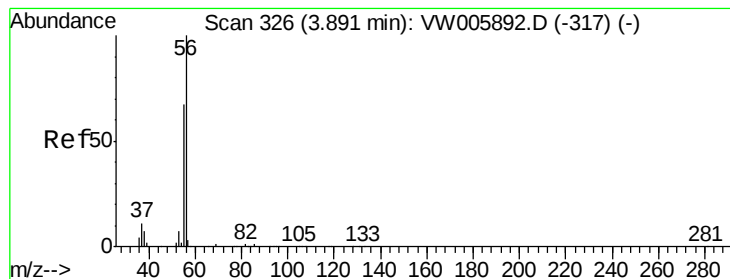
Ion Ratio Lower Upper

96 100

61 157.7 128.6 193.0

98 64.5 49.4 74.0





#13

Acrolein

Concen: 84.10 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

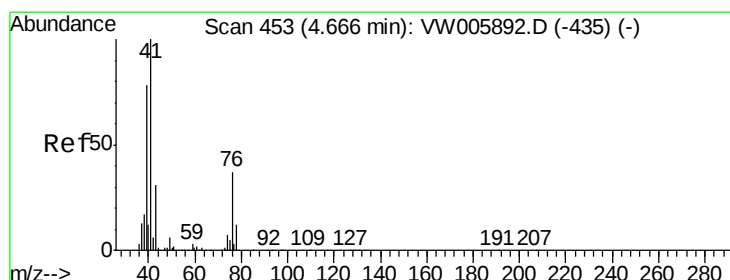
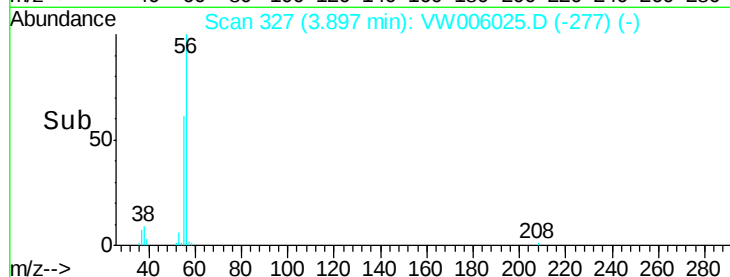
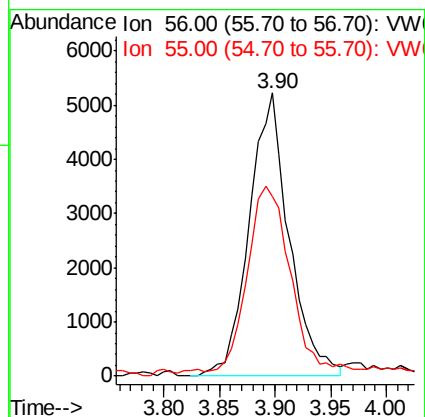
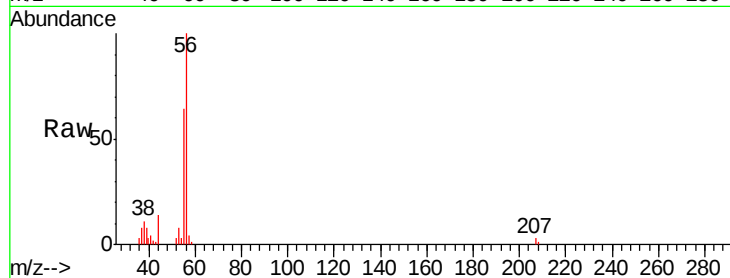
VW1012SBSD01

Tgt Ion: 56 Resp: 13062

Ion Ratio Lower Upper

56 100

55 70.8 54.6 82.0



#14

Allyl chloride

Concen: 15.27 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

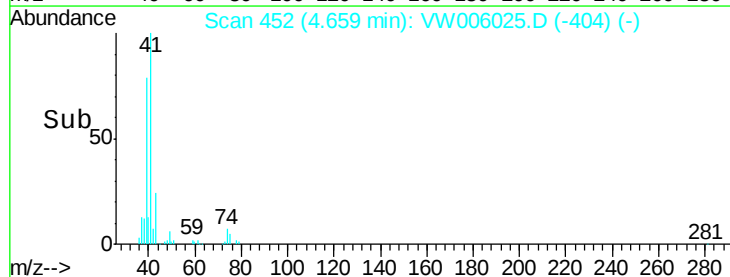
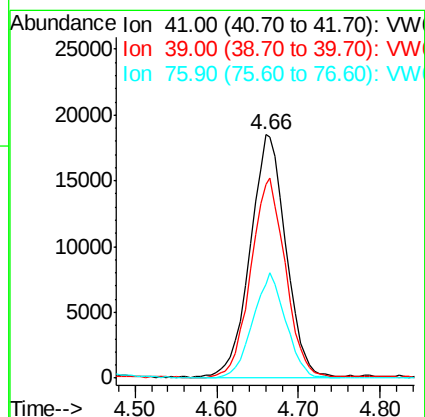
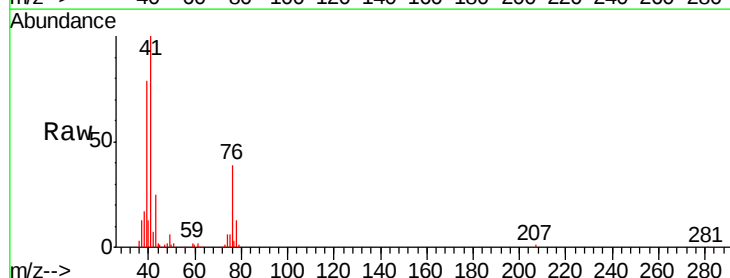
Tgt Ion: 41 Resp: 56149

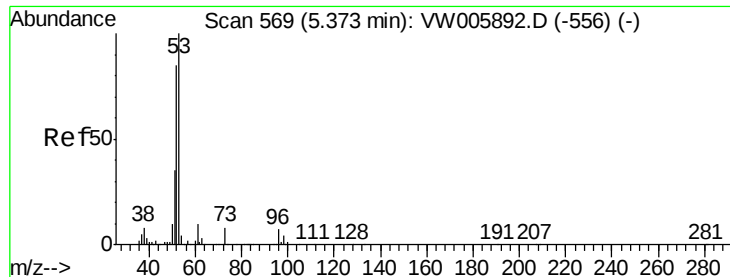
Ion Ratio Lower Upper

41 100

39 80.5 60.8 91.2

76 40.1 29.6 44.4





#15

Acrylonitrile

Concen: 93.88 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

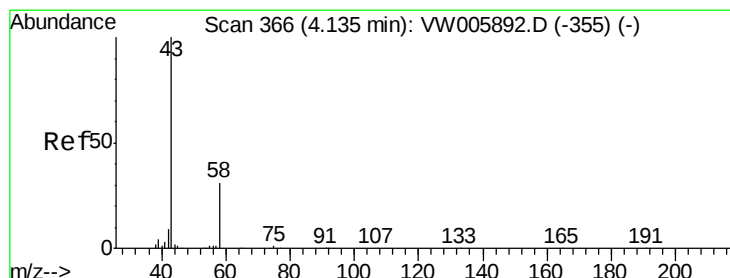
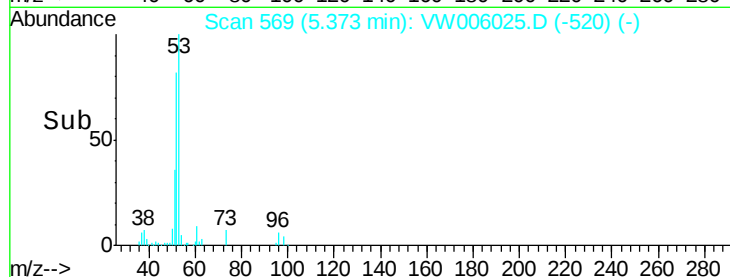
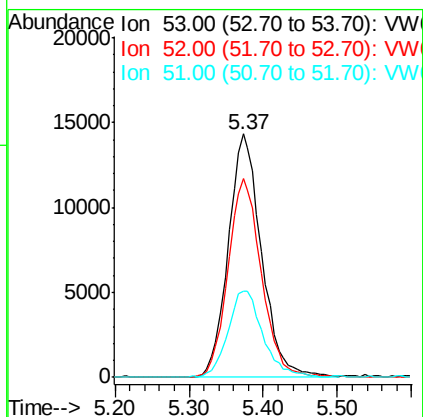
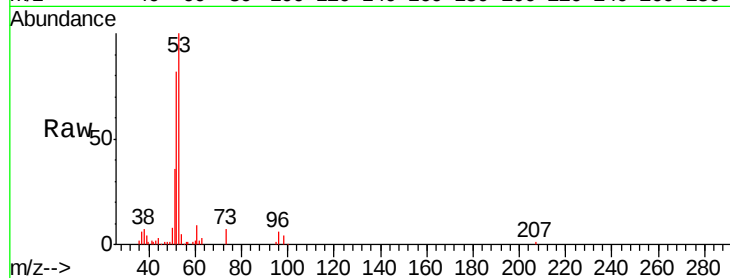
Tgt Ion: 53 Resp: 44745

Ion Ratio Lower Upper

53 100

52 81.9 66.8 100.2

51 37.4 29.8 44.6



#16

Acetone

Concen: 107.15 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006025.D

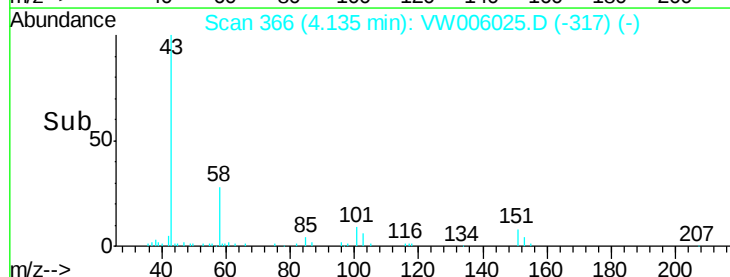
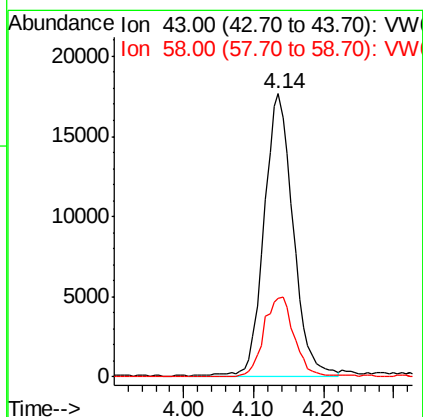
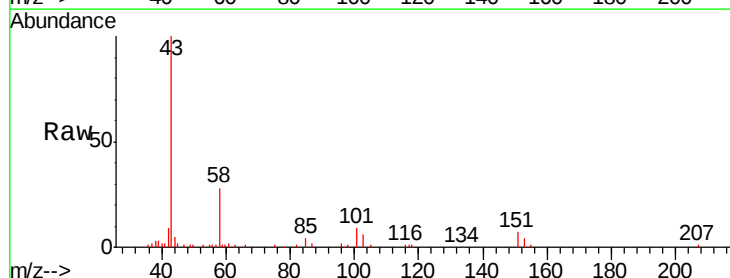
Acq: 11 Oct 2018 12:11

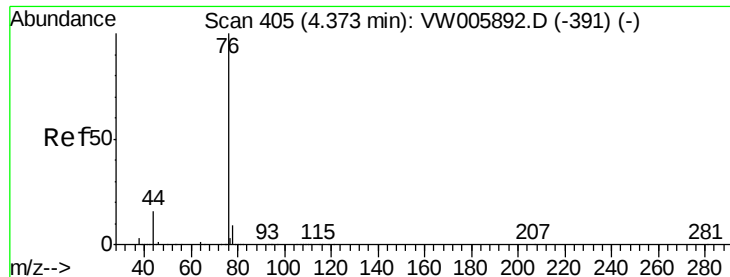
Tgt Ion: 43 Resp: 50899

Ion Ratio Lower Upper

43 100

58 27.9 24.7 37.1

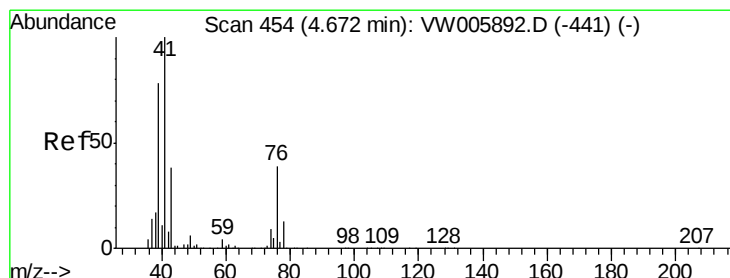
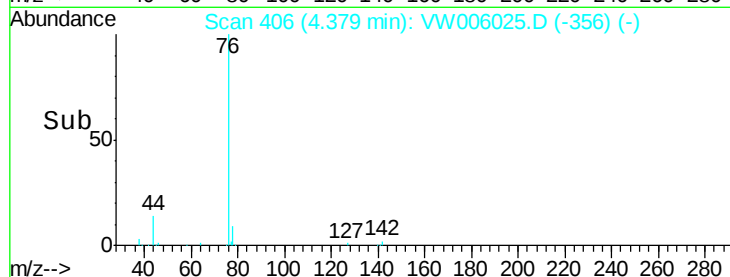
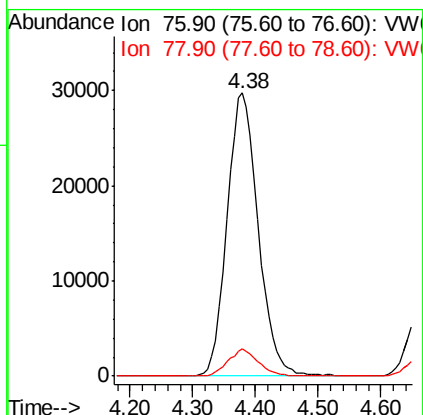
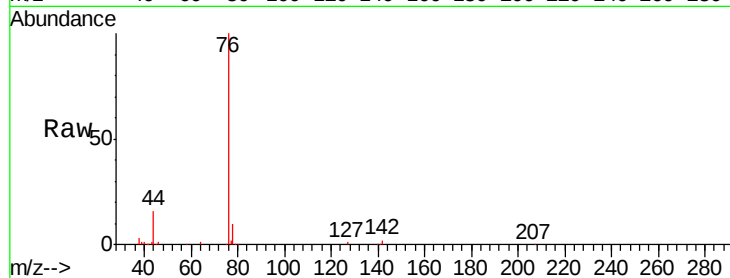




#17
Carbon Disulfide
Concen: 15.65 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

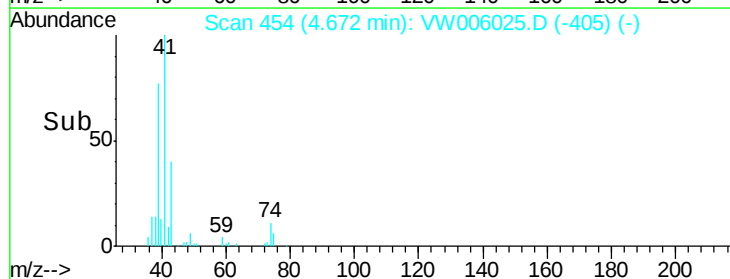
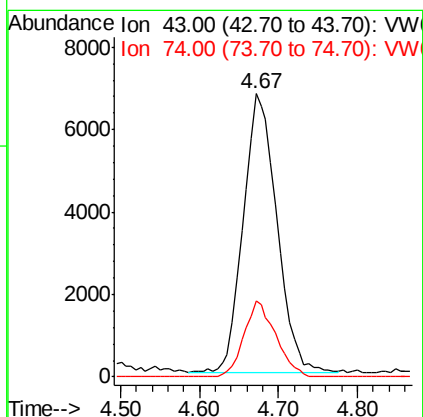
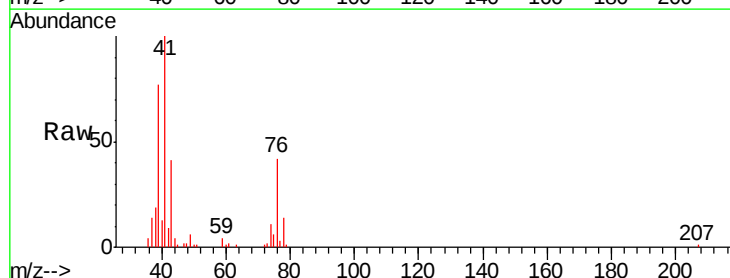
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

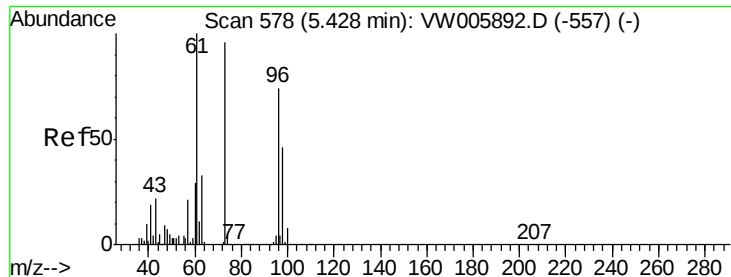
Tgt Ion: 76 Resp: 102058
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 16.76 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 43 Resp: 20094
Ion Ratio Lower Upper
43 100
74 25.6 19.2 28.8



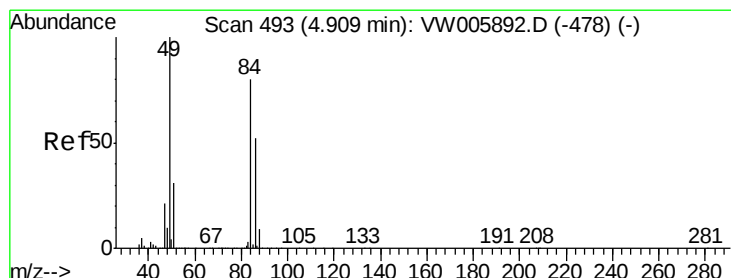
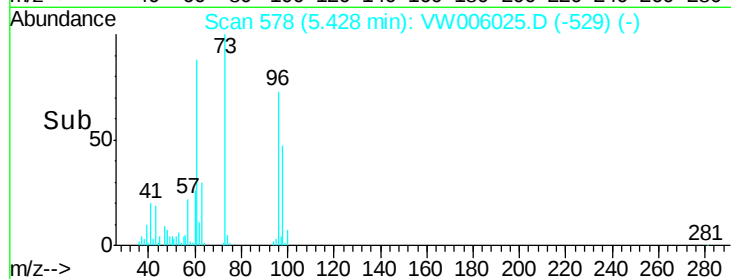
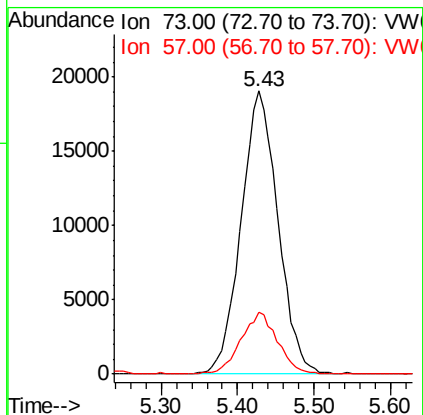
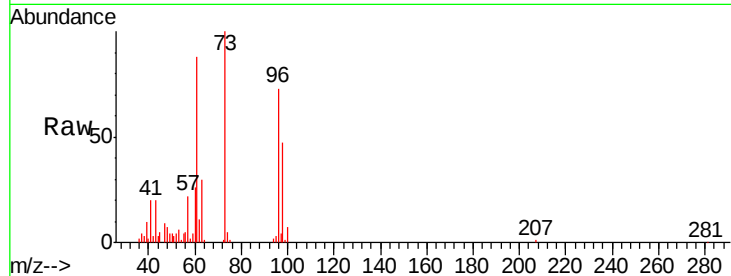


#19

Methyl tert-butyl Ether
 Concen: 19.02 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

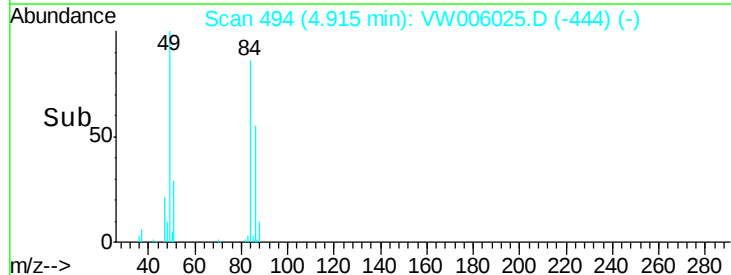
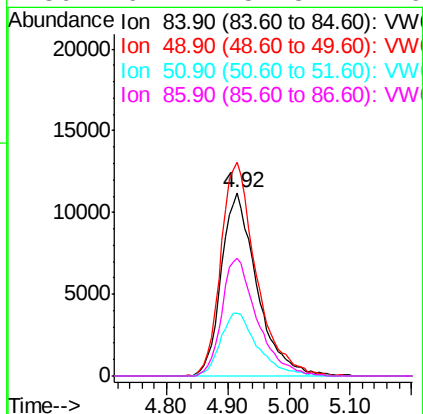
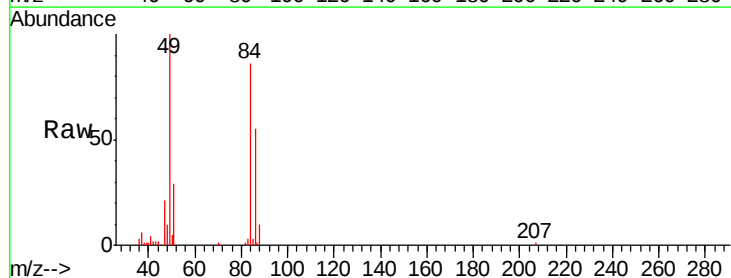
Tgt Ion: 73 Resp: 63817
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.7 26.5

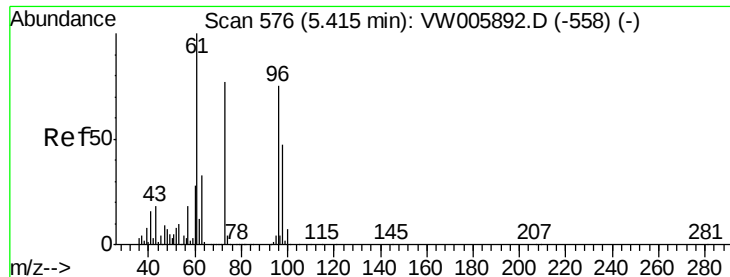


#20

Methylene Chloride
 Concen: 18.94 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 84 Resp: 45072
 Ion Ratio Lower Upper
 84 100
 49 115.9 99.9 149.9
 51 34.2 31.1 46.7
 86 64.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.97 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

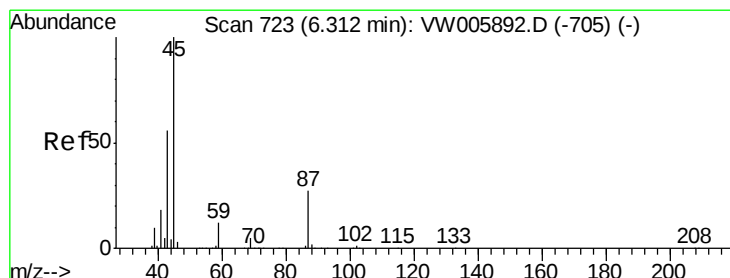
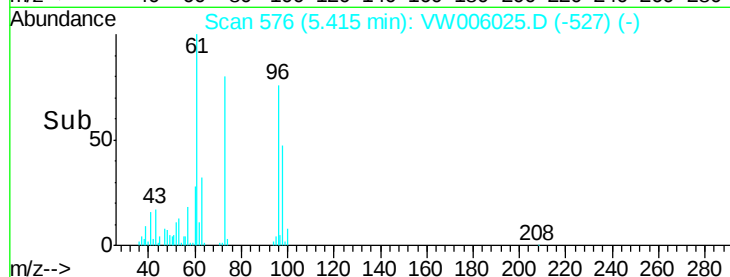
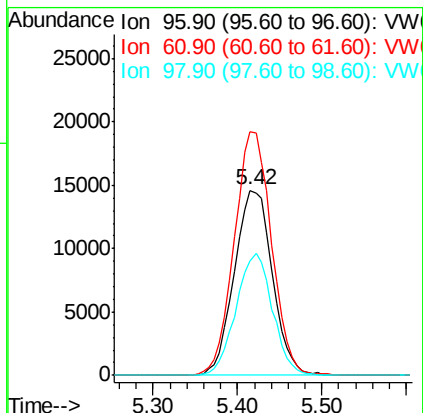
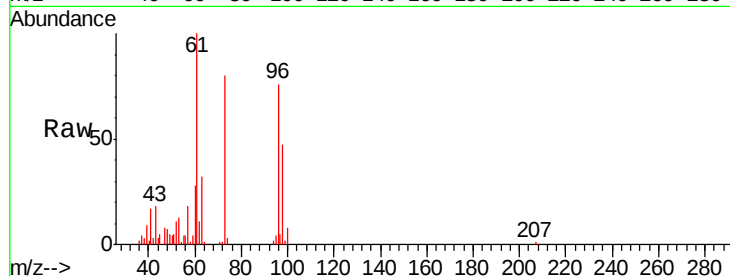
Tgt Ion: 96 Resp: 44583

Ion Ratio Lower Upper

96 100

61 131.6 107.4 161.0

98 62.0 50.8 76.2



#22

Diisopropyl ether

Concen: 17.38 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion: 45 Resp: 119514

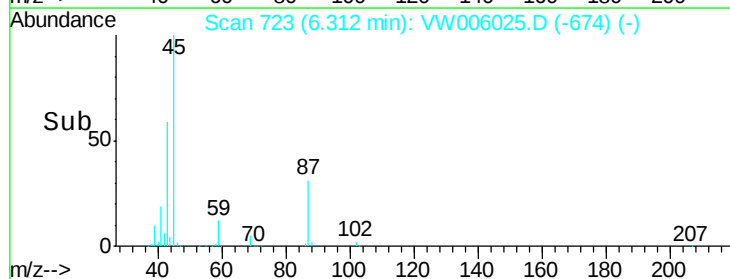
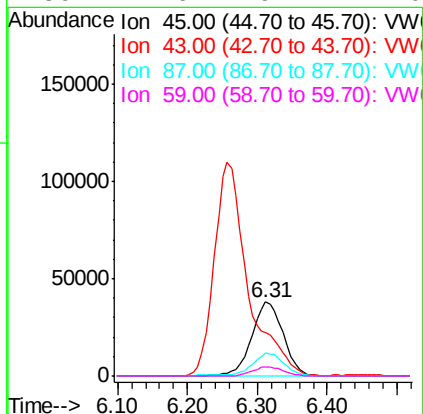
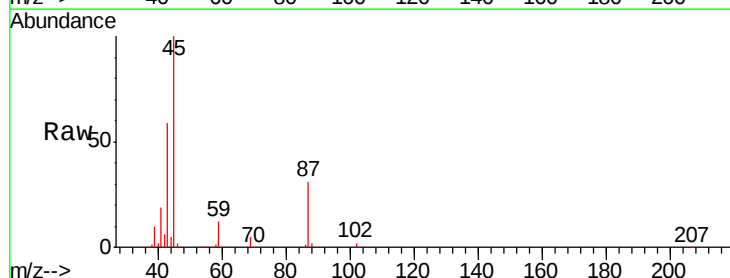
Ion Ratio Lower Upper

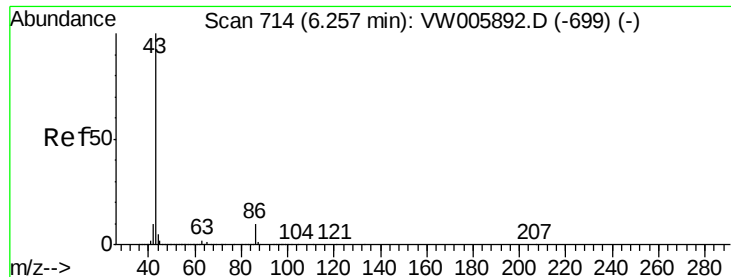
45 100

43 57.6 45.9 68.9

87 31.1 22.2 33.4

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 86.65 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

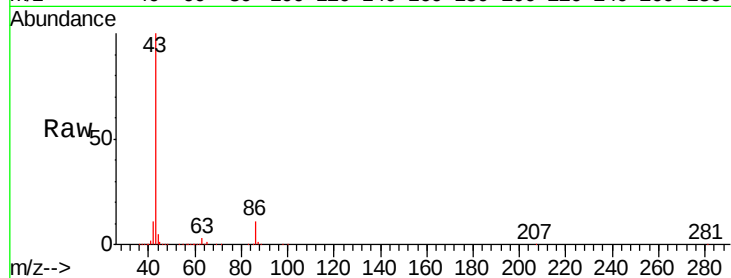
VW1012SBSD01

Tgt Ion: 43 Resp: 366660

Ion Ratio Lower Upper

43 100

86 11.0 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

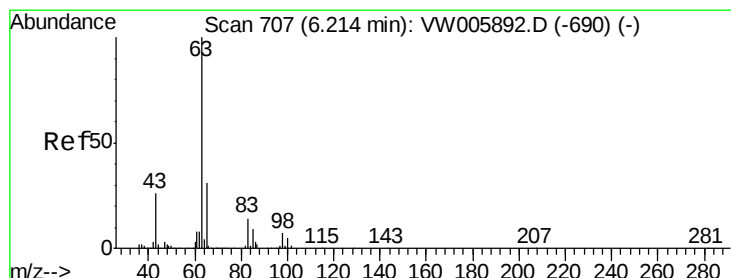
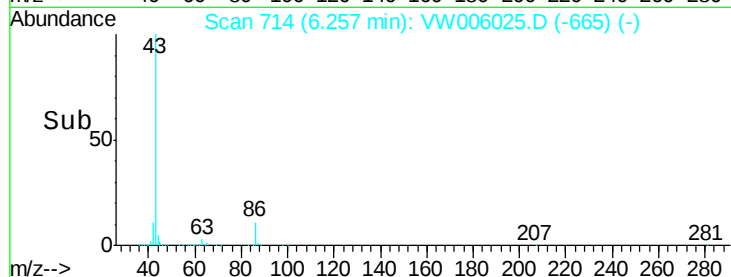
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.07 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

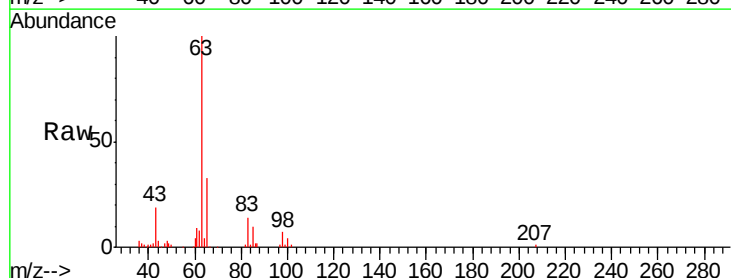
Tgt Ion: 63 Resp: 76020

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

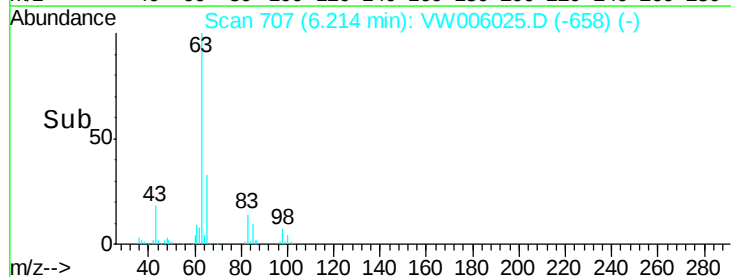
30000

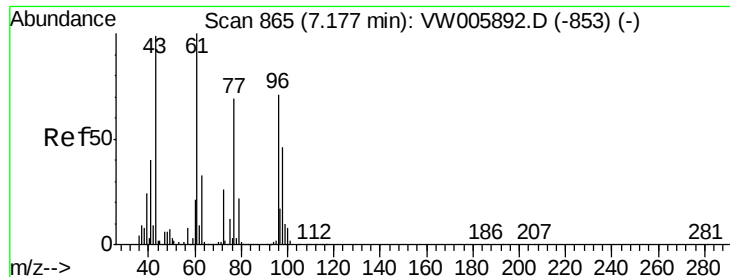
20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.77 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

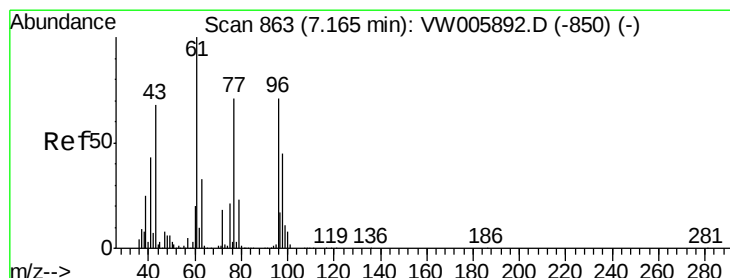
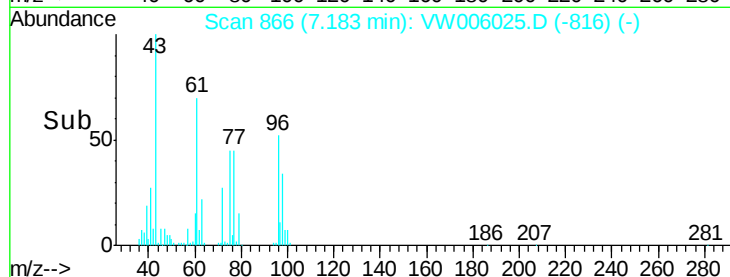
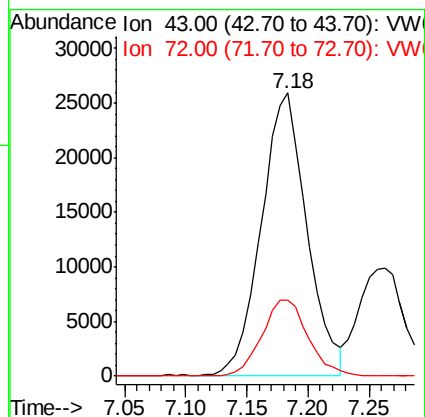
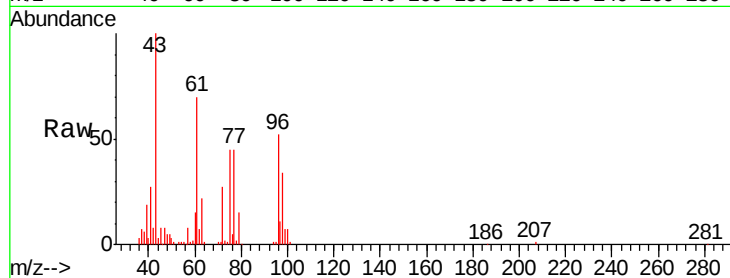
VW1012SBS01

Tgt Ion: 43 Resp: 66734

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 17.17 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW006025.D

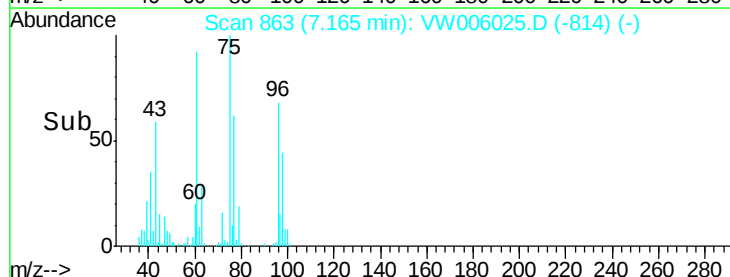
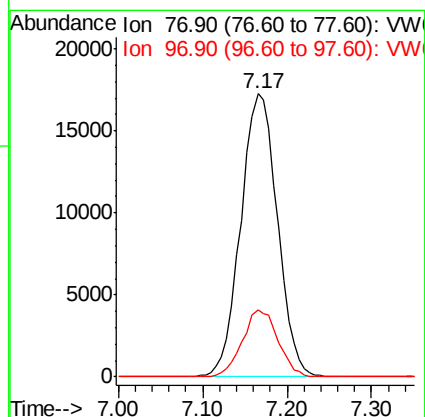
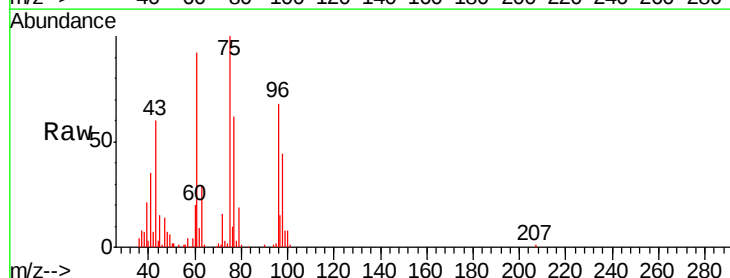
Acq: 11 Oct 2018 12:11

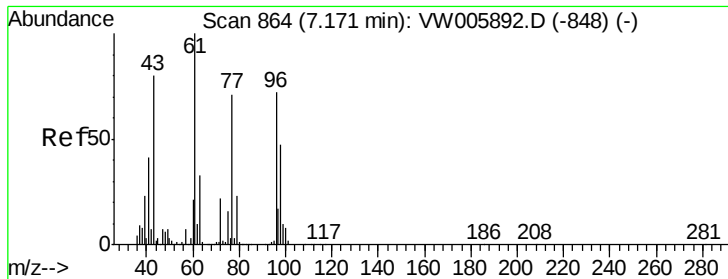
Tgt Ion: 77 Resp: 50838

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.7



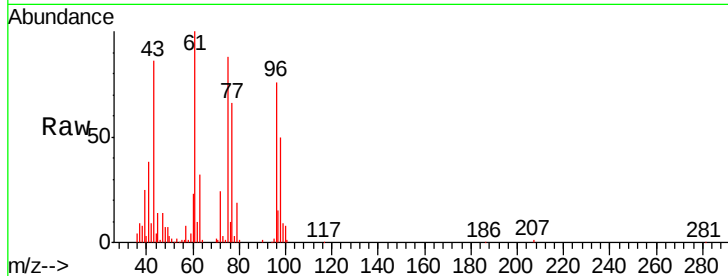


#27

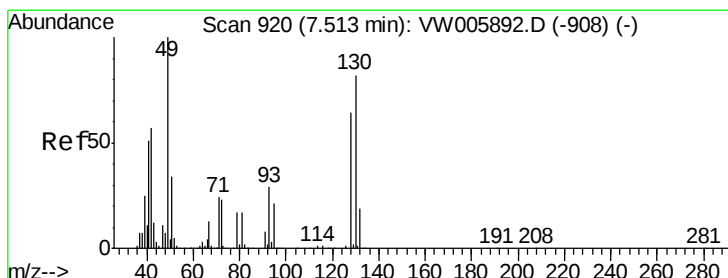
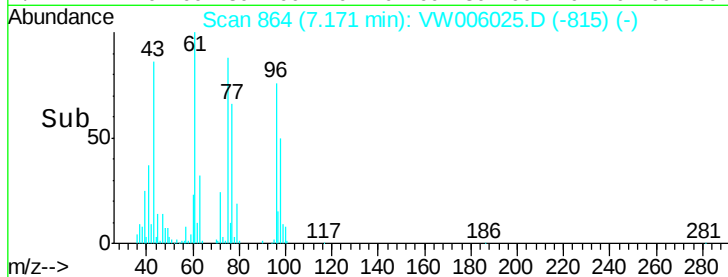
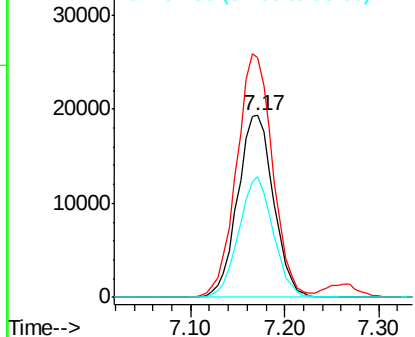
cis-1,2-Dichloroethene
 Concen: 19.33 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

Tgt Ion: 96 Resp: 51385
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 284.0
 98 63.7 0.0 129.8



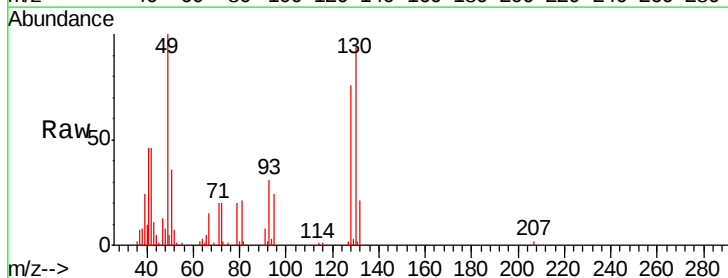
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



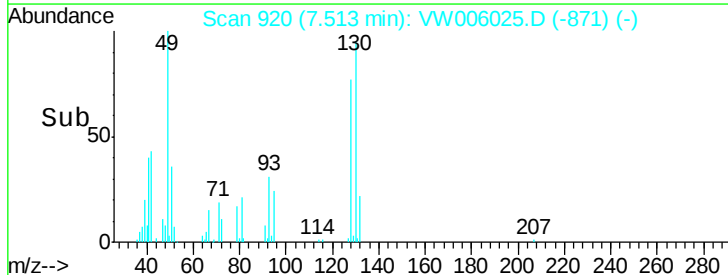
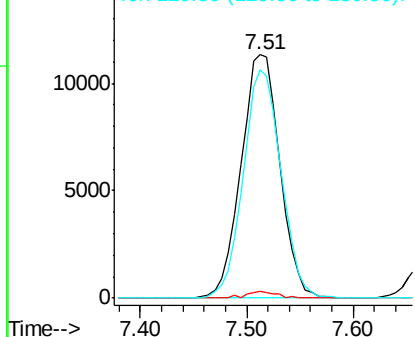
#28

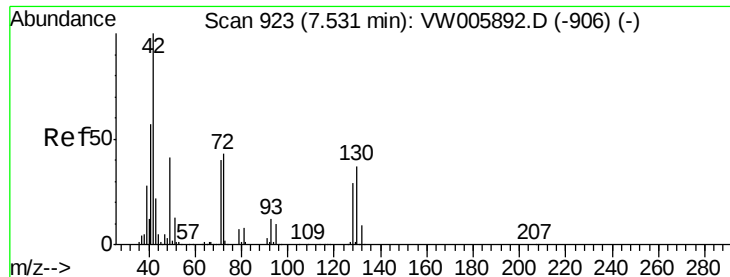
Bromochloromethane
 Concen: 18.71 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 49 Resp: 29060
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.0
 130 91.3 66.9 100.3



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

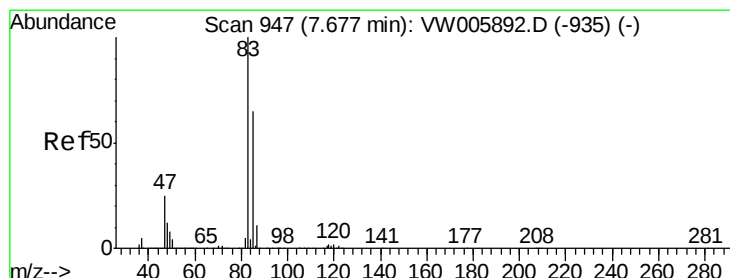
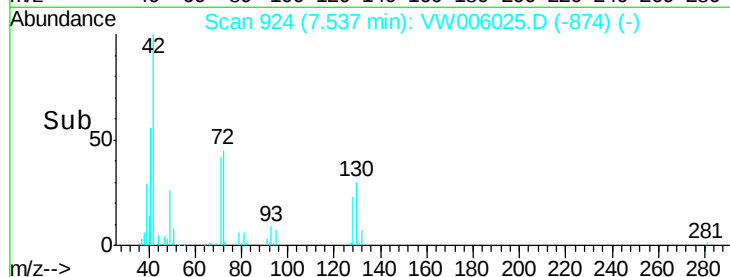
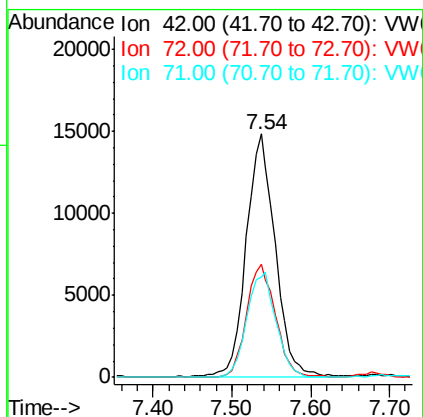
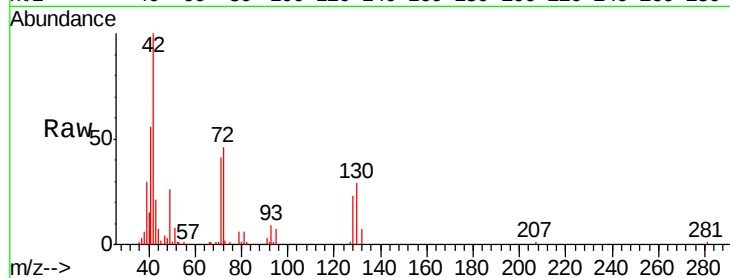




#29
Tetrahydrofuran
Concen: 89.35 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

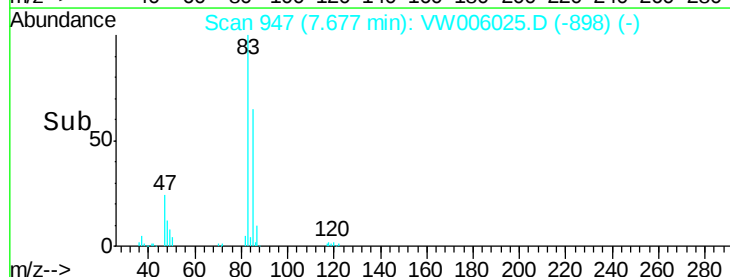
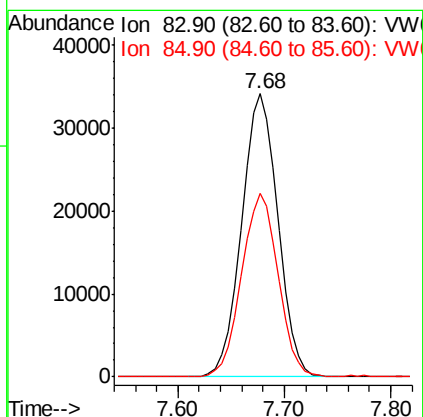
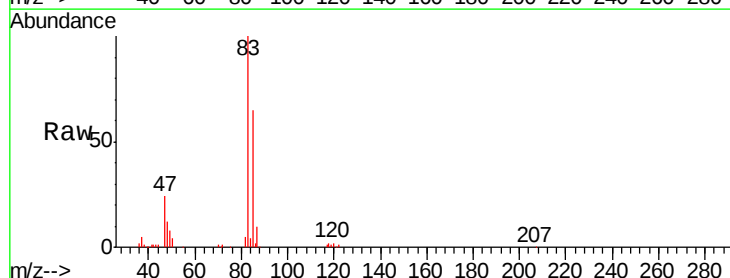
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

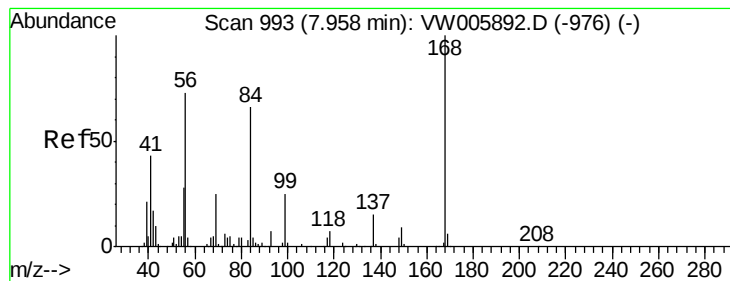
Tgt Ion: 42 Resp: 38160
Ion Ratio Lower Upper
42 100
72 46.1 34.6 51.8
71 43.2 32.6 49.0



#30
Chloroform
Concen: 18.89 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 83 Resp: 81627
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4





#31

Cyclohexane

Concen: 16.86 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

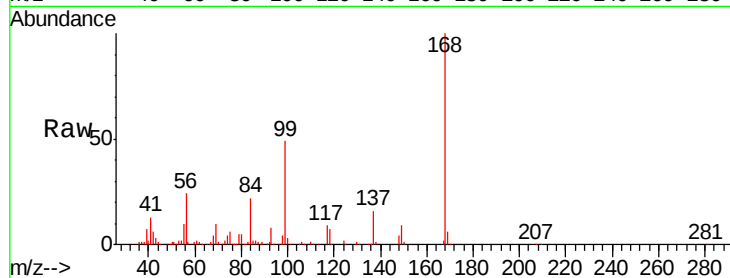
Tgt Ion: 56 Resp: 70200

Ion Ratio Lower Upper

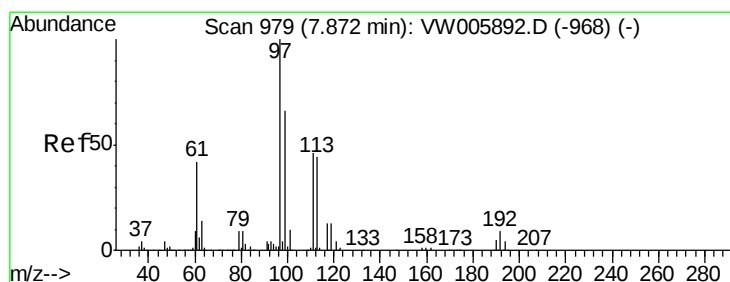
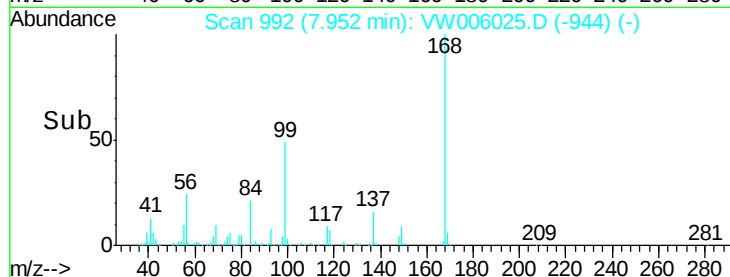
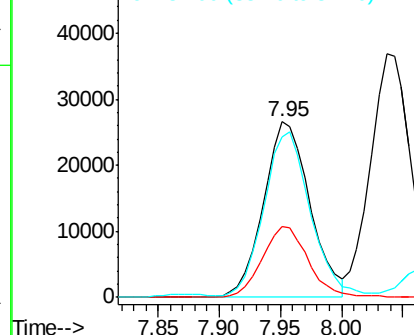
56 100

69 40.6 27.9 41.9

84 89.6 72.3 108.5



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: 17.71 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

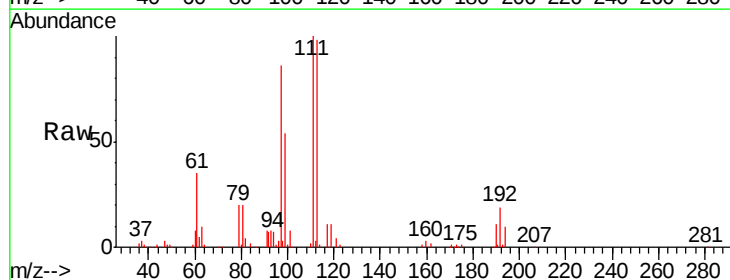
Tgt Ion: 97 Resp: 68139

Ion Ratio Lower Upper

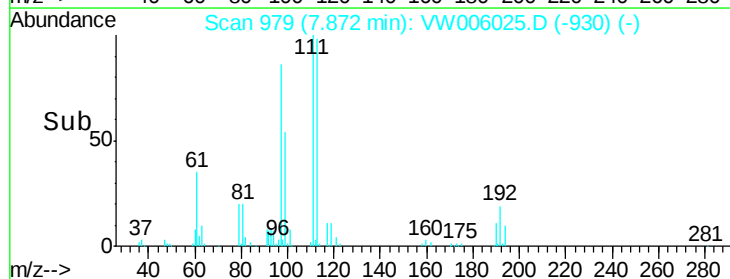
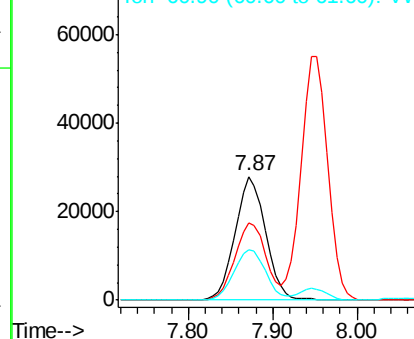
97 100

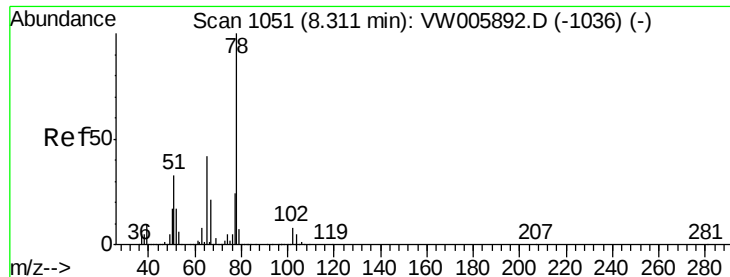
99 64.0 51.6 77.4

61 42.6 34.5 51.7



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

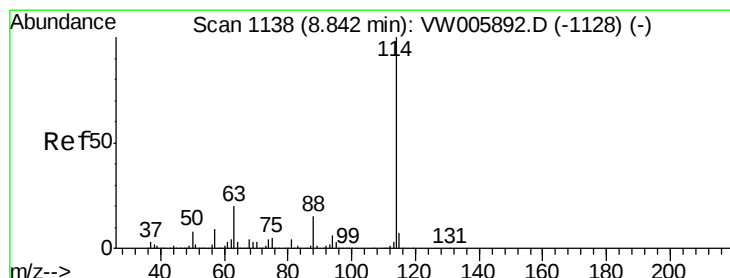
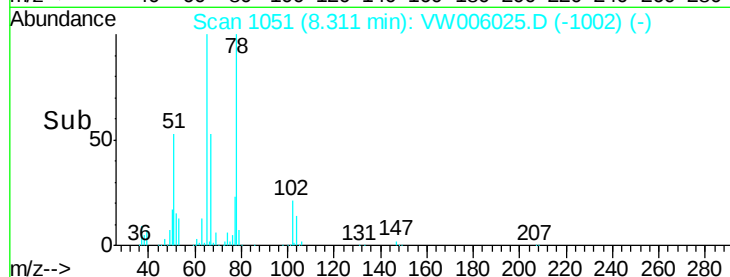
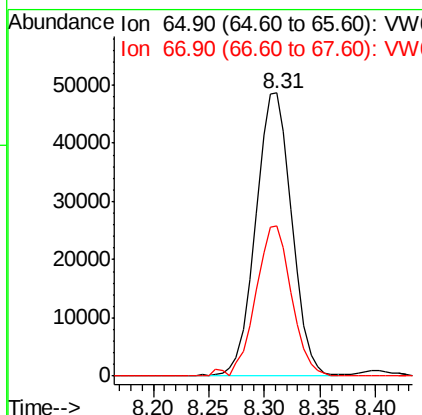
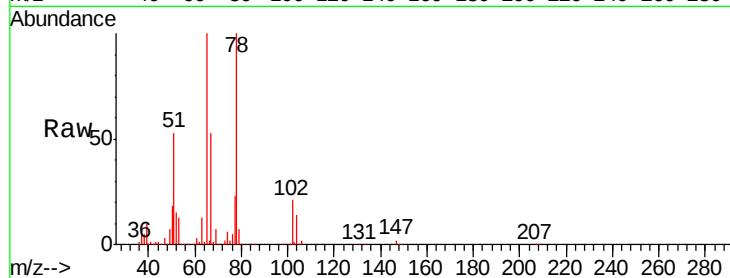




#33
 1,2-Dichloroethane-d4
 Concen: 46.21 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

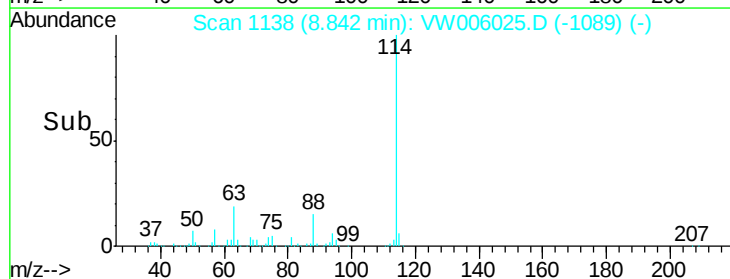
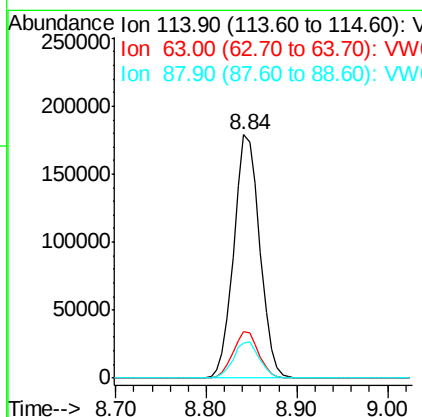
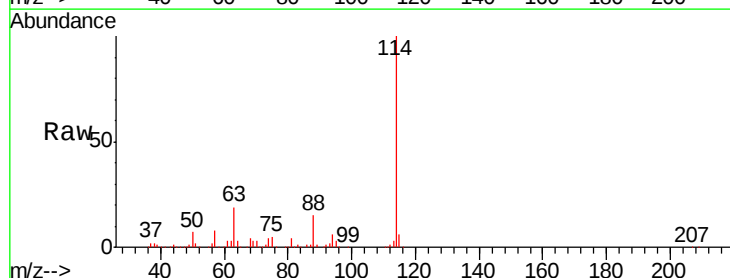
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

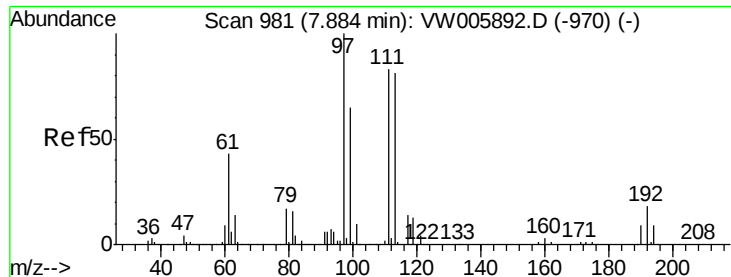
Tgt Ion: 65 Resp: 109894
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 114 Resp: 355106
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 14.6 0.0 30.8

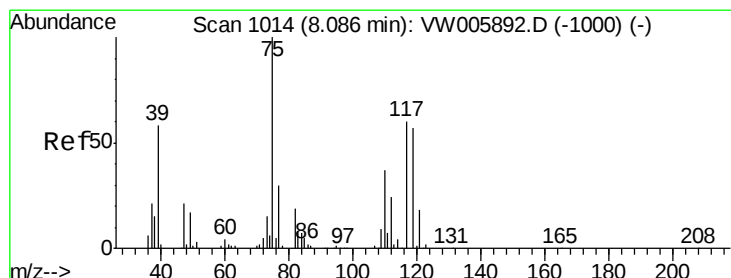
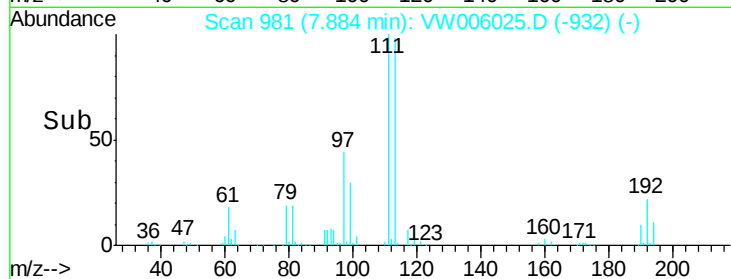
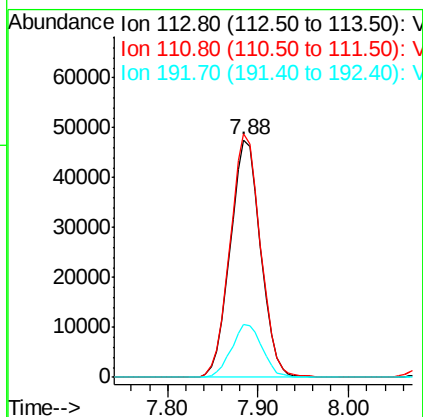
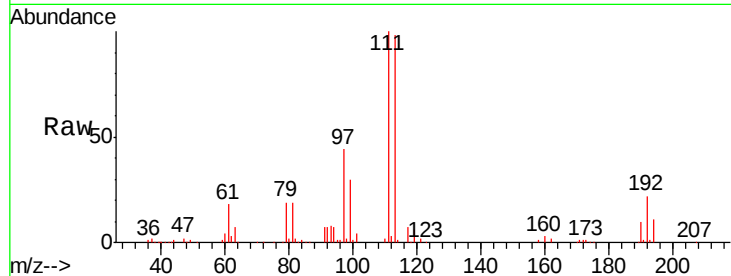




#35
 Dibromofluoromethane
 Concen: 48.84 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

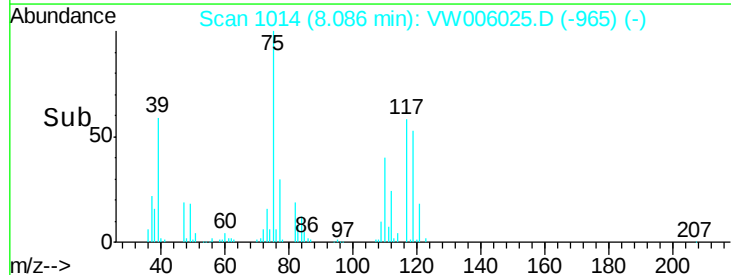
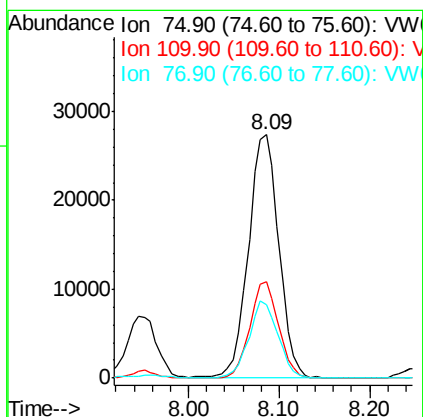
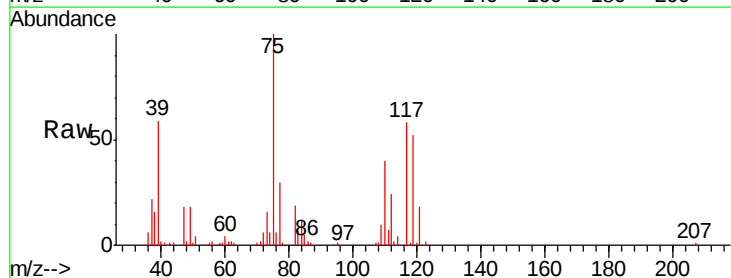
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

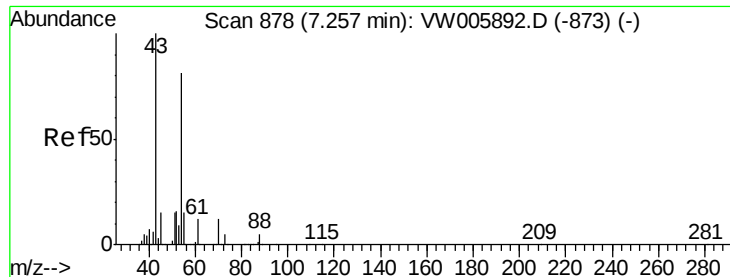
Tgt Ion: 113 Resp: 110730
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 22.4 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 18.69 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 75 Resp: 63600
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.6 56.0
 77 30.5 24.7 37.1

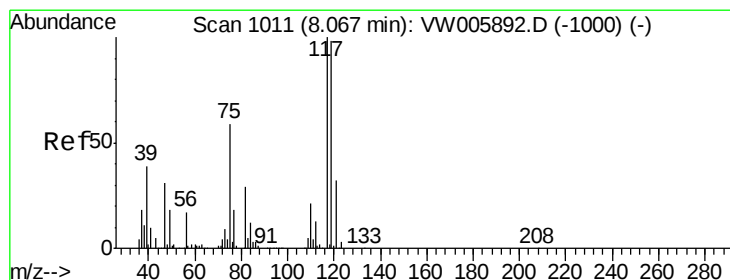
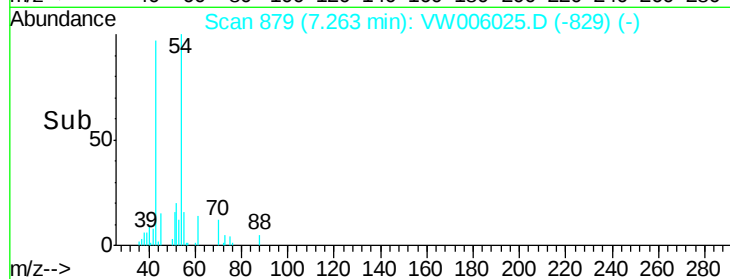
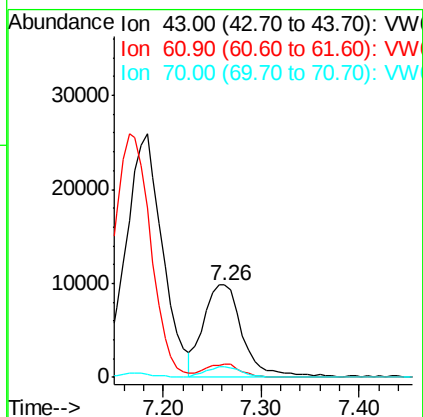
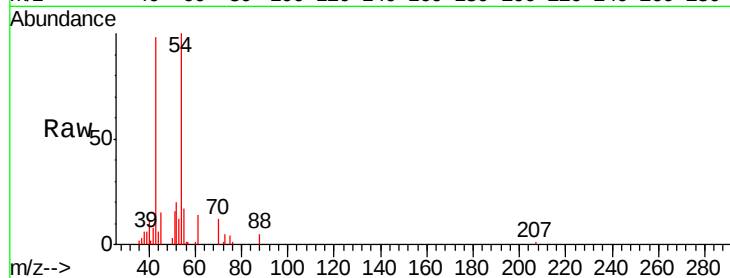




#37
Ethyl Acetate
Concen: 18.40 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

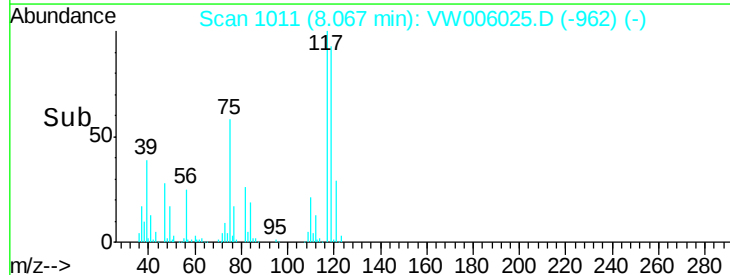
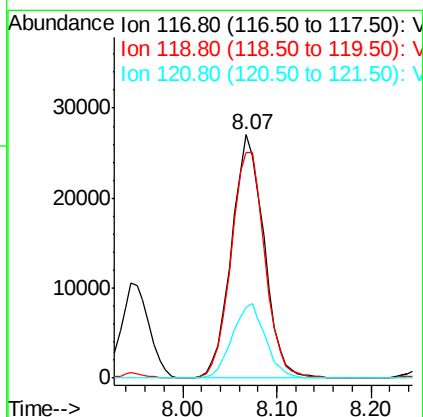
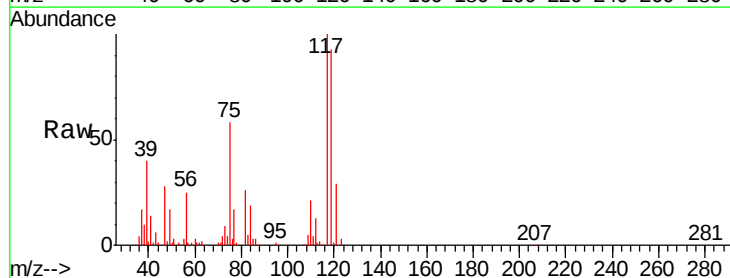
Instrument :
MSVOA_W
ClientSampled :
VW1012SBSD01

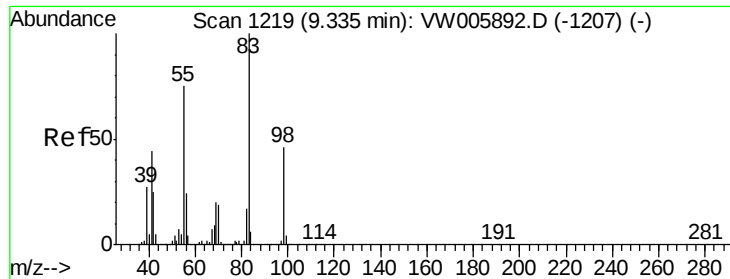
Tgt Ion: 43 Resp: 26514
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 17.82 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 117 Resp: 65159
Ion Ratio Lower Upper
117 100
119 92.8 78.6 117.8
121 29.1 25.3 37.9

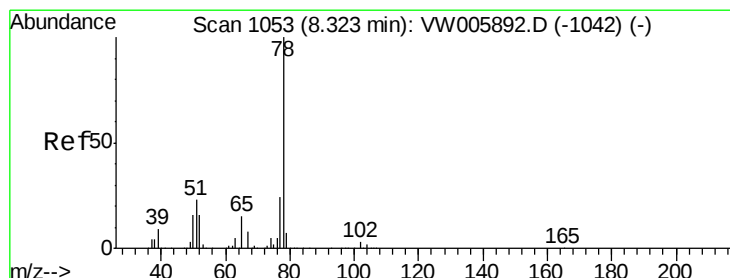
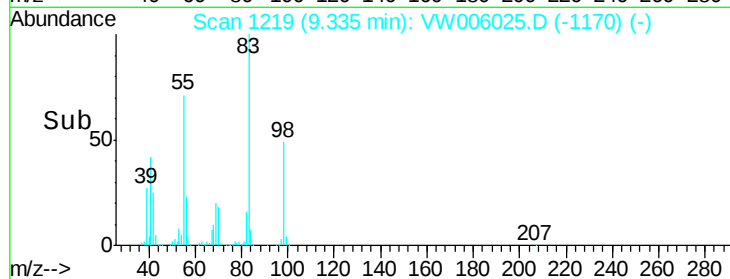
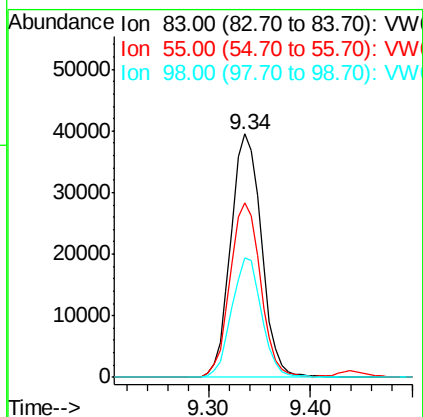
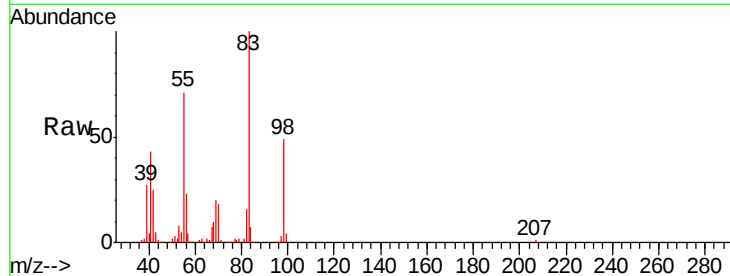




#39
Methylcyclohexane
Concen: 18.33 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

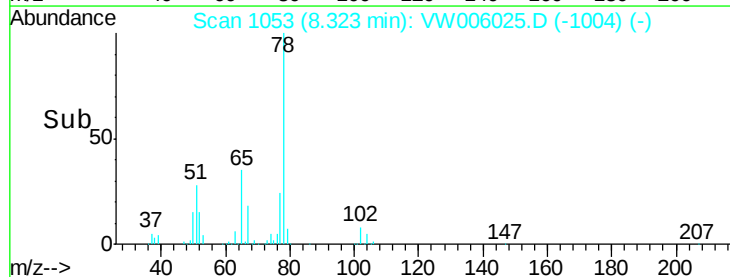
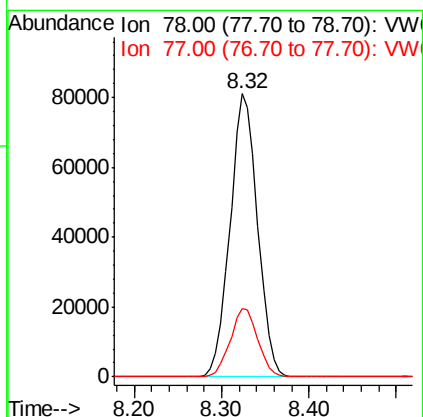
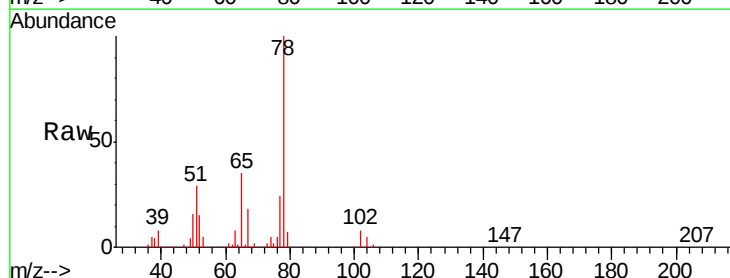
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

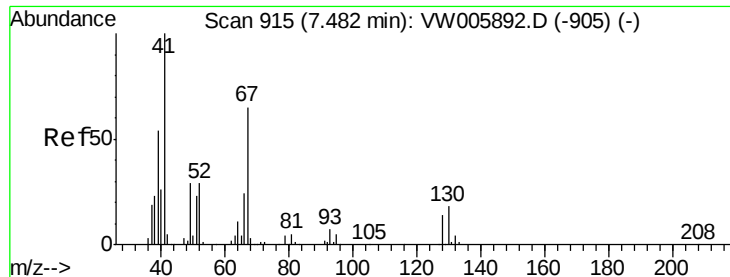
Tgt Ion: 83 Resp: 82268
Ion Ratio Lower Upper
83 100
55 71.3 59.8 89.6
98 49.2 37.1 55.7



#40
Benzene
Concen: 19.02 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 78 Resp: 177138
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

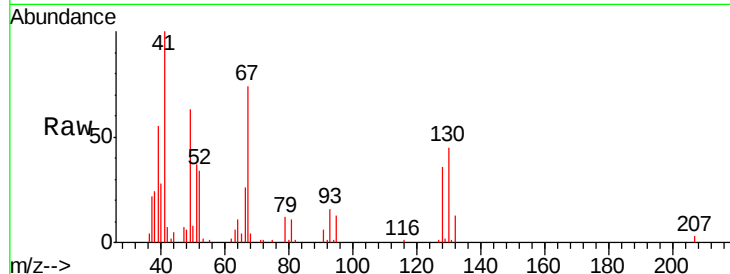




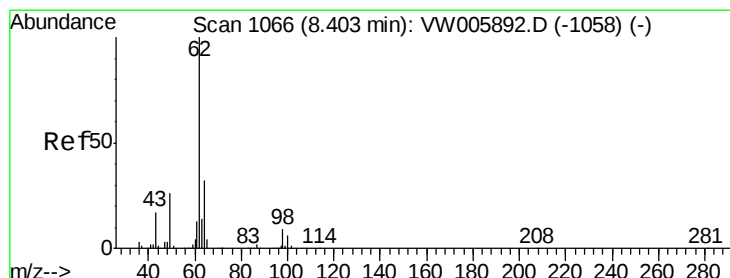
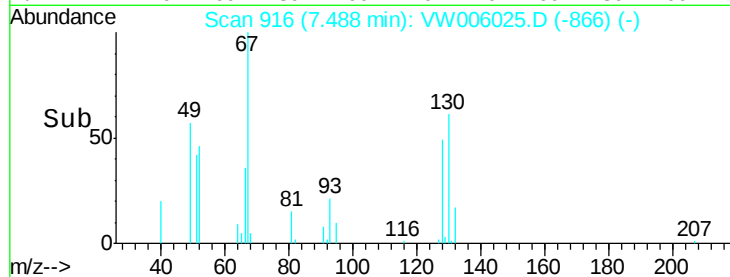
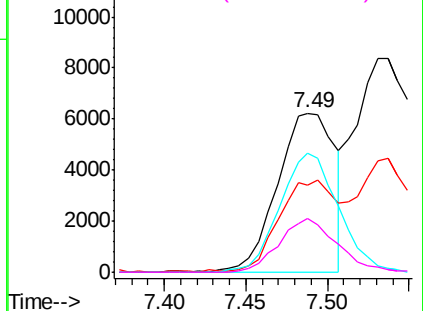
#41
Methacrylonitrile
Concen: 16.90 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion:	41	Resp:	15246
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.0	67.4
67	76.1	55.8	83.8
52	34.2	25.3	37.9

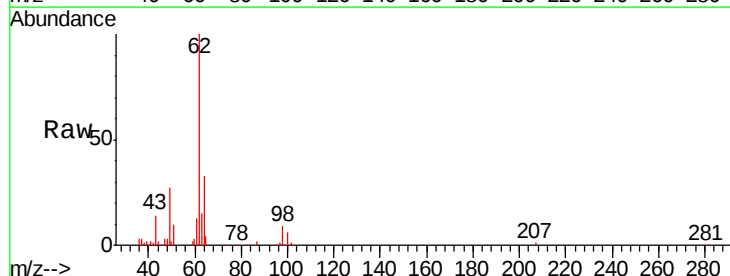


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

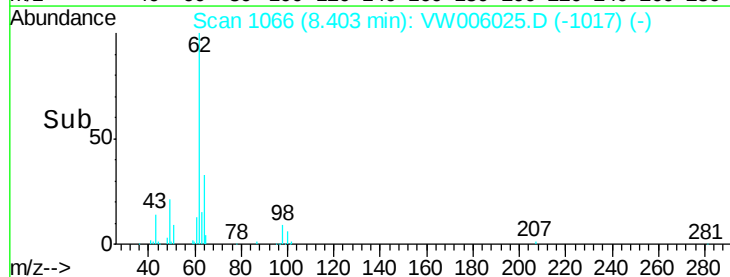
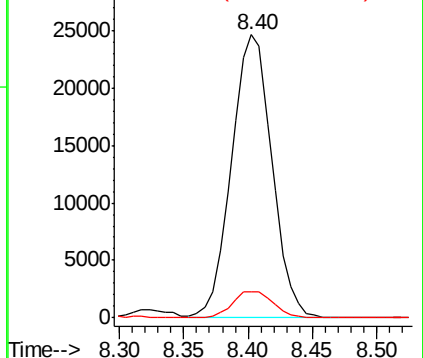


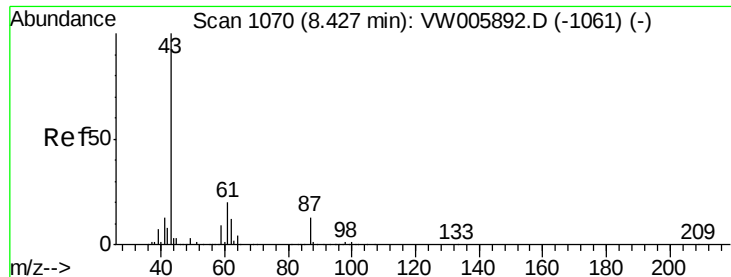
#42
1,2-Dichloroethane
Concen: 19.02 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion:	62	Resp:	53502
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 17.53 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

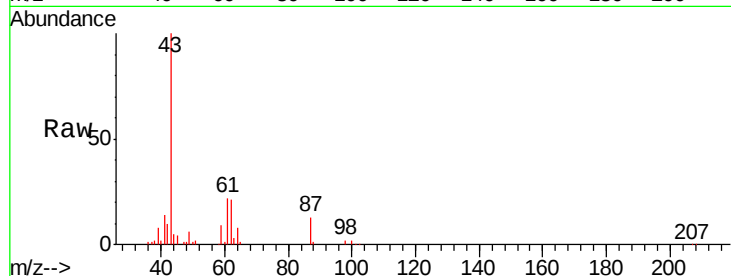
Tgt Ion: 43 Resp: 52763

Ion Ratio Lower Upper

43 100

61 30.4 23.1 34.7

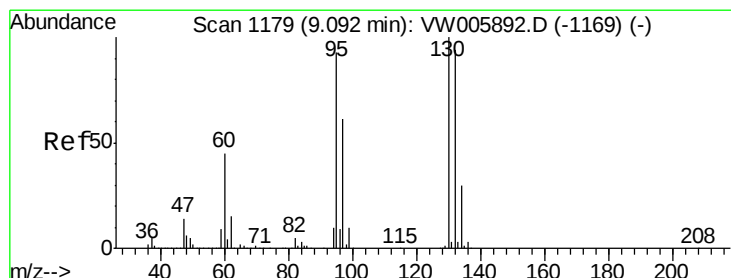
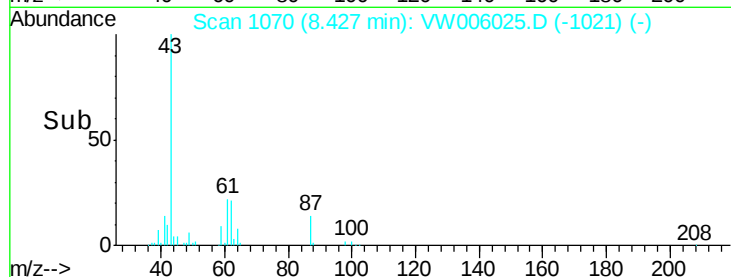
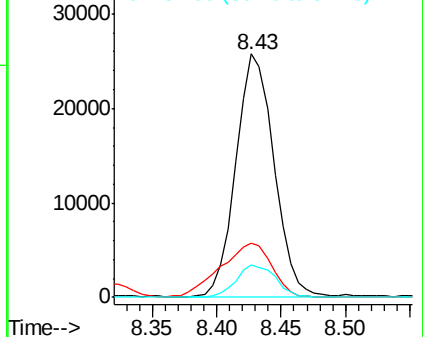
87 13.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.49 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006025.D

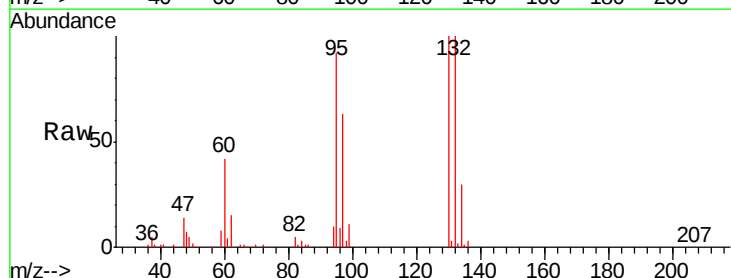
Acq: 11 Oct 2018 12:11

Tgt Ion: 130 Resp: 52656

Ion Ratio Lower Upper

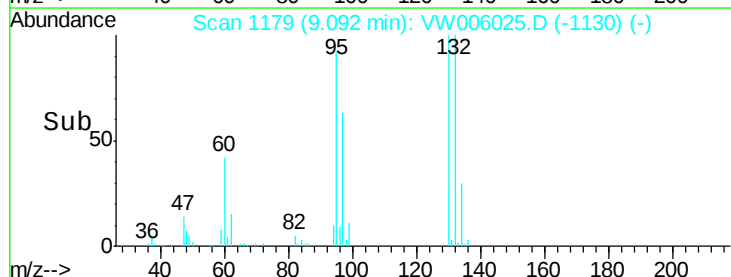
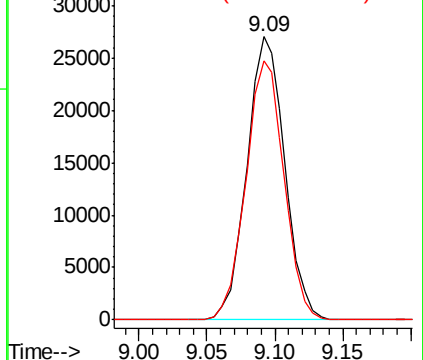
130 100

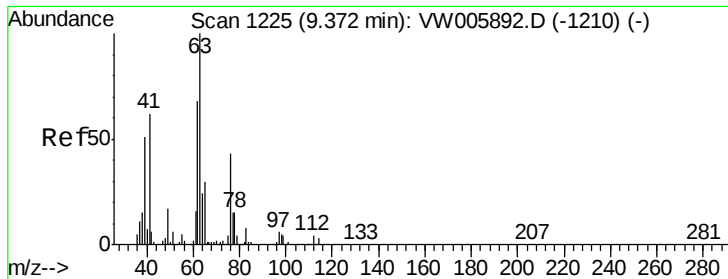
95 91.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

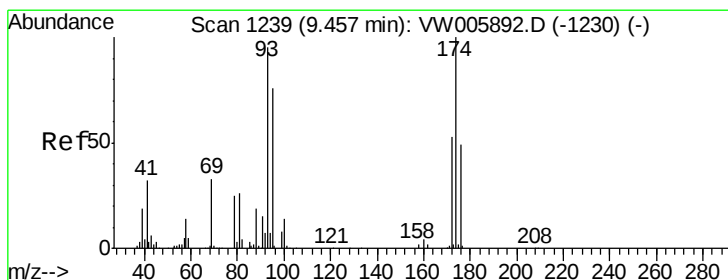
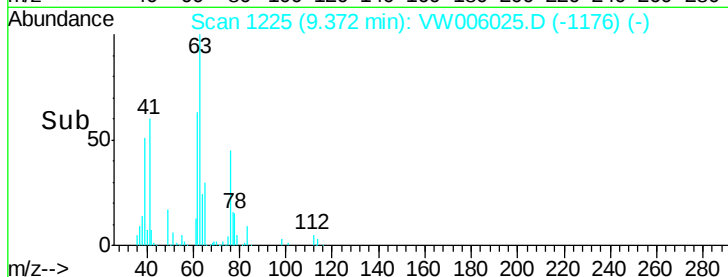
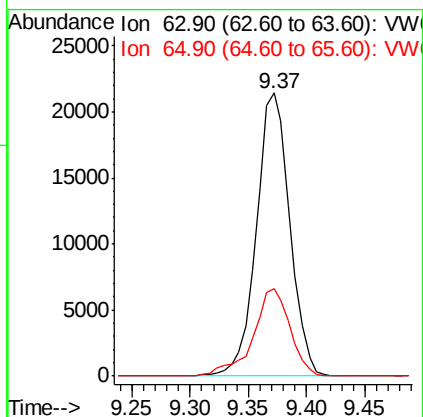
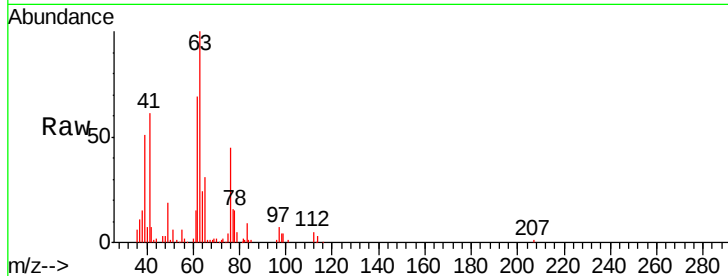




#45
 1,2-Dichloropropane
 Concen: 18.36 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

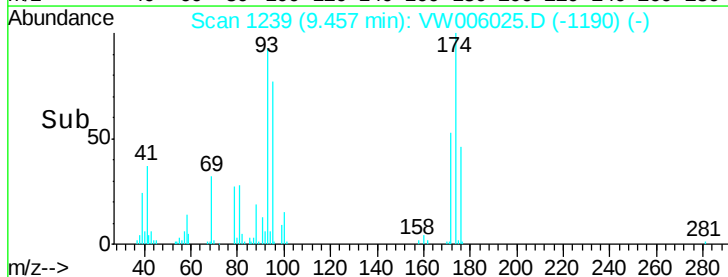
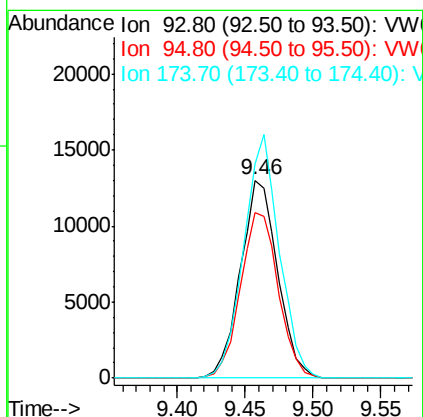
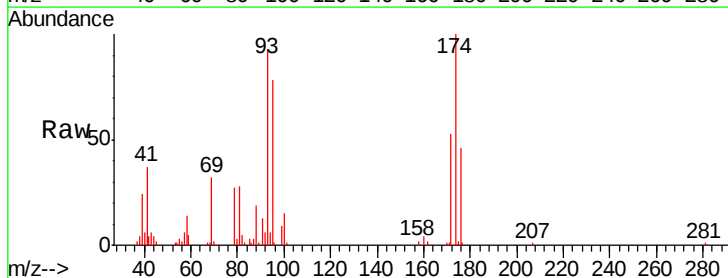
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

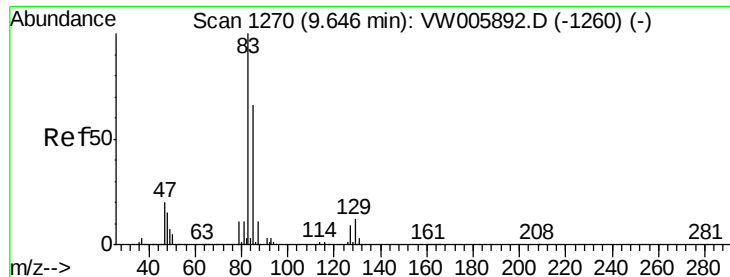
Tgt Ion: 63 Resp: 42799
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 19.38 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 93 Resp: 24832
 Ion Ratio Lower Upper
 93 100
 95 85.5 66.6 99.8
 174 117.9 90.4 135.6





#47

Bromodichloromethane

Concen: 17.99 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

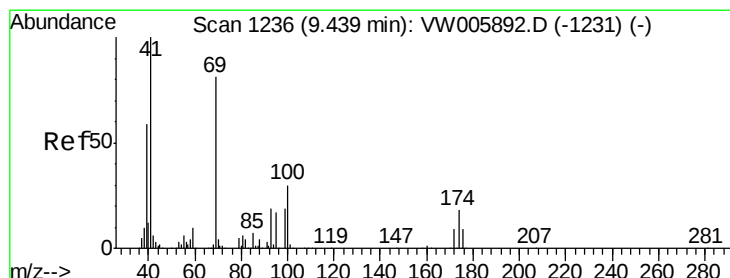
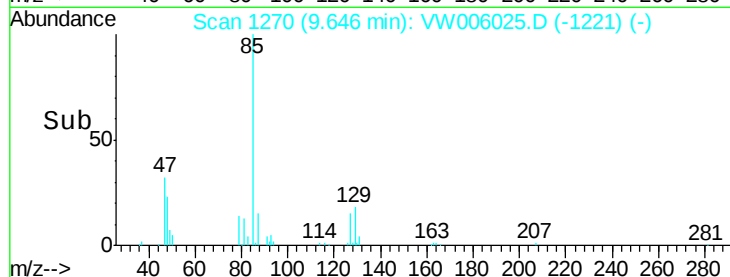
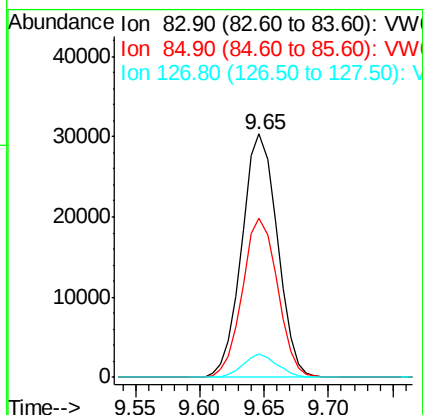
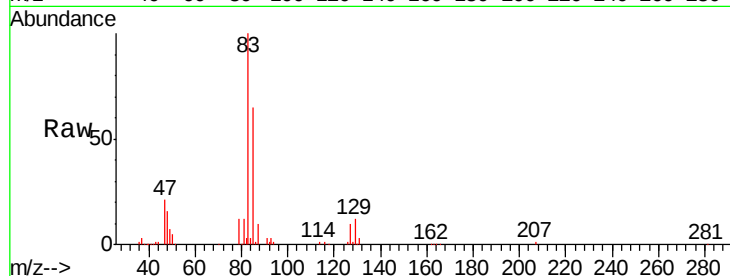
Tgt Ion: 83 Resp: 57992

Ion Ratio Lower Upper

83 100

85 65.5 53.0 79.6

127 9.7 7.4 11.0



#48

Methyl methacrylate

Concen: 16.93 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

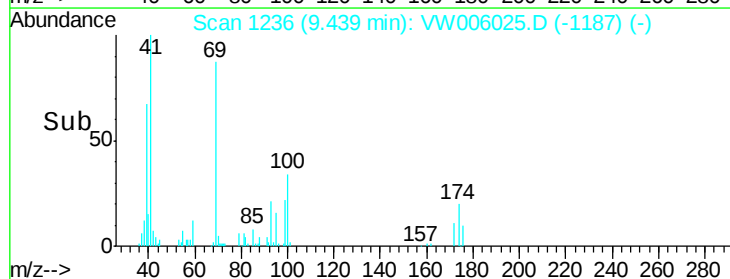
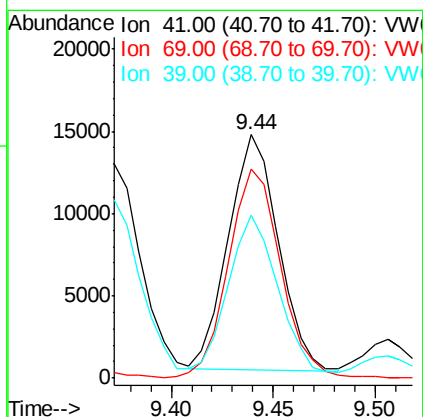
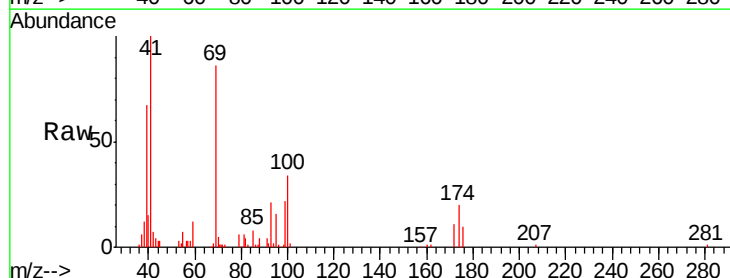
Tgt Ion: 41 Resp: 24282

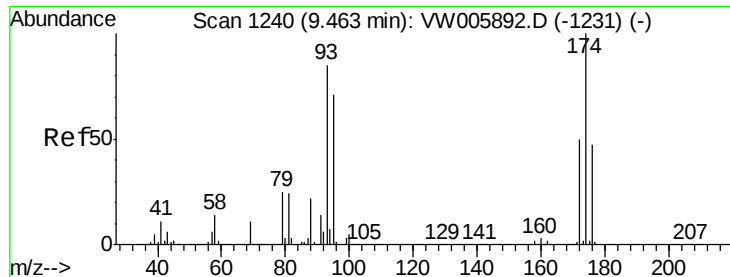
Ion Ratio Lower Upper

41 100

69 93.7 68.7 103.1

39 65.2 50.0 75.0

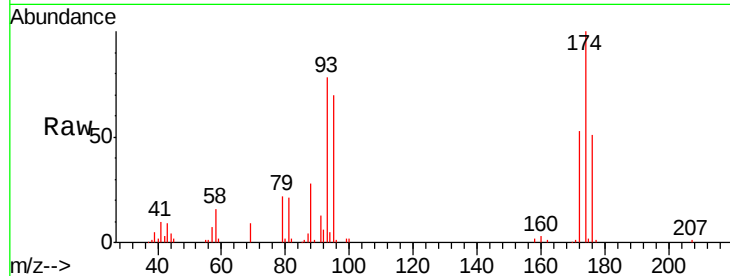




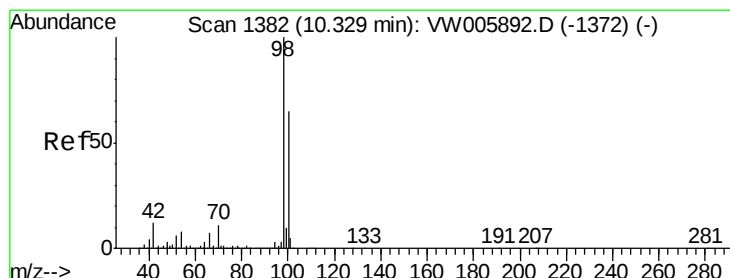
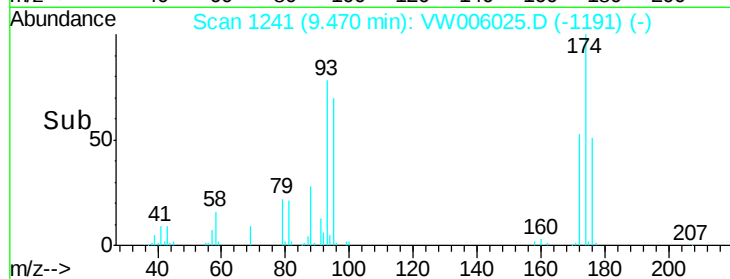
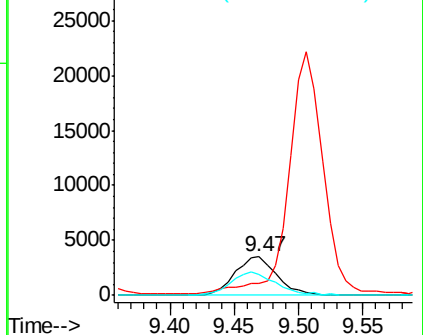
#49
1,4-Dioxane
Concen: 405.23 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion: 88 Resp: 7886
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 65.5 57.7 86.5

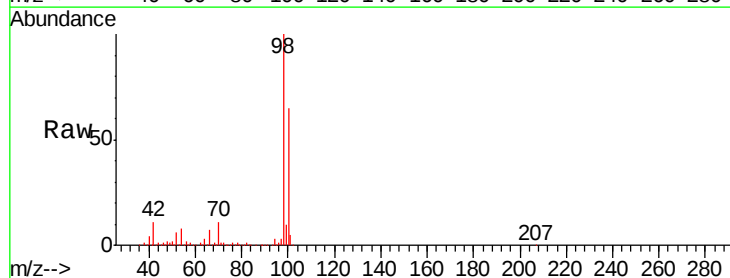


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

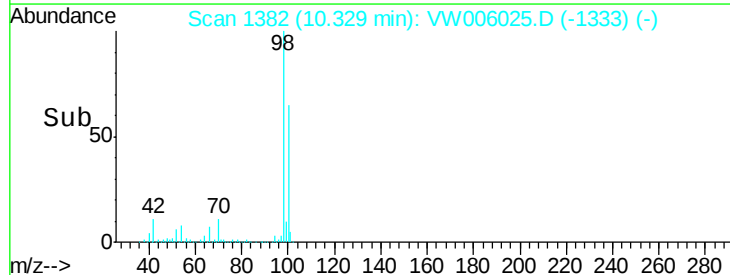
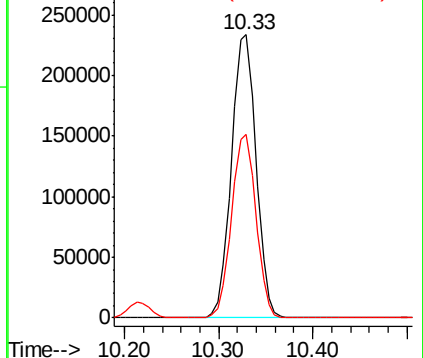


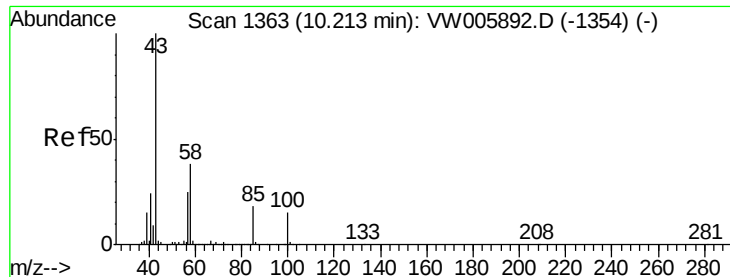
#50
Toluene-d8
Concen: 48.68 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 98 Resp: 424628
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



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

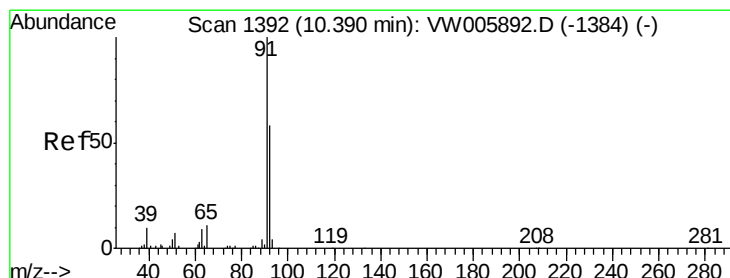
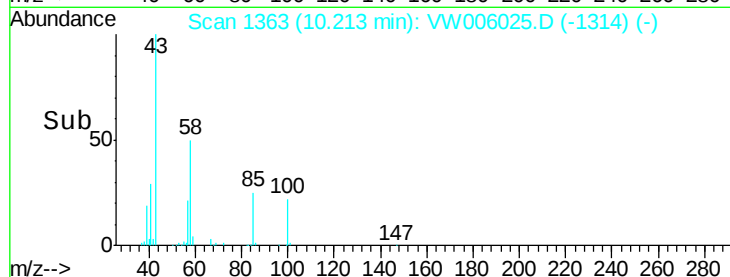
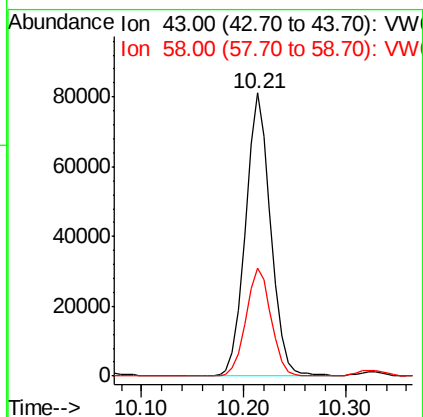
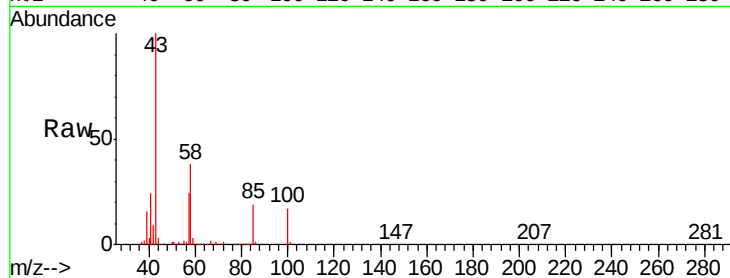




#51
 4-Methyl-2-Pentanone
 Concen: 94.27 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

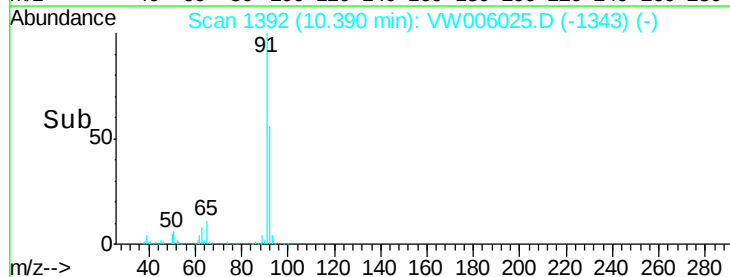
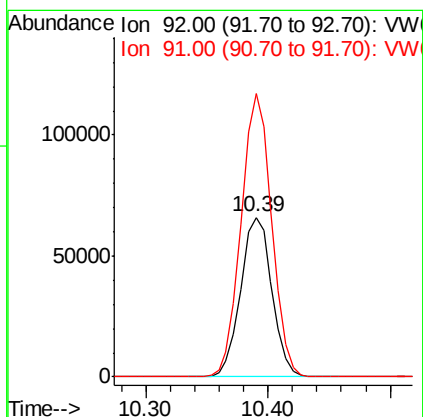
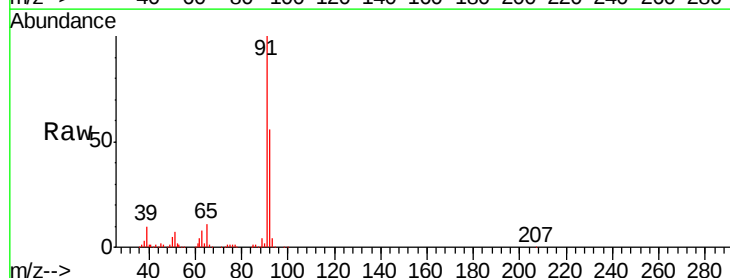
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

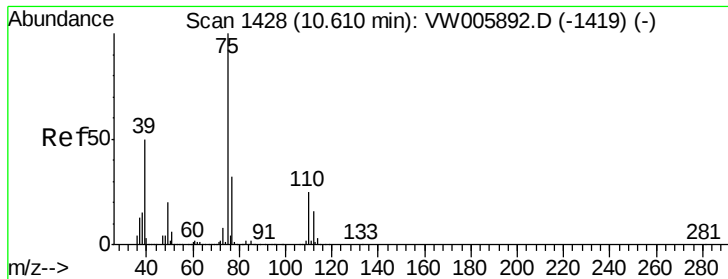
Tgt Ion: 43 Resp: 138171
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.2 45.4



#52
 Toluene
 Concen: 19.10 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 92 Resp: 116849
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.05 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

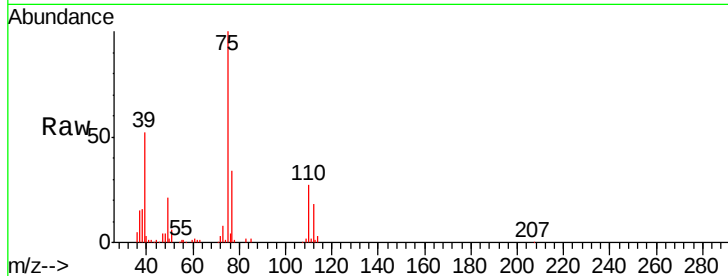
VW1012SBSD01

Tgt Ion: 75 Resp: 57428

Ion Ratio Lower Upper

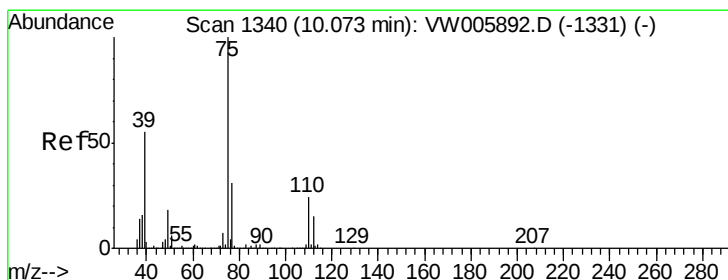
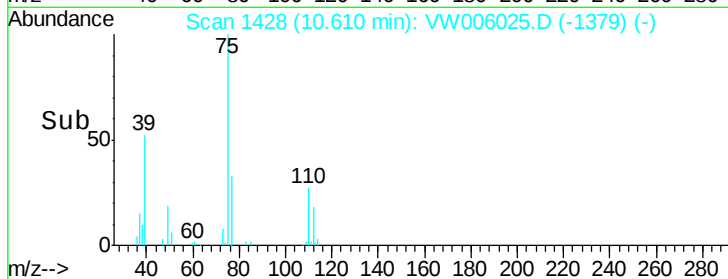
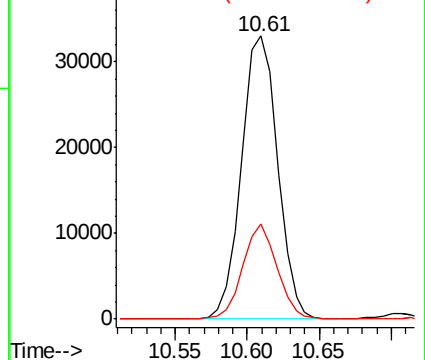
75 100

77 33.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 17.82 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

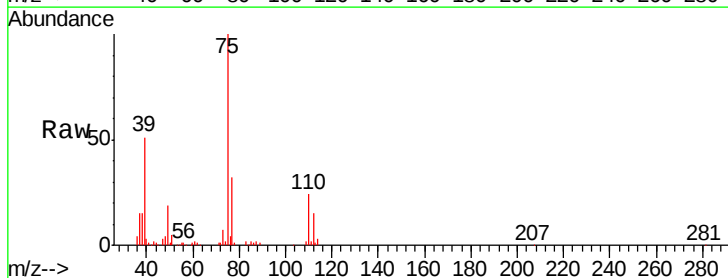
Tgt Ion: 75 Resp: 67472

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

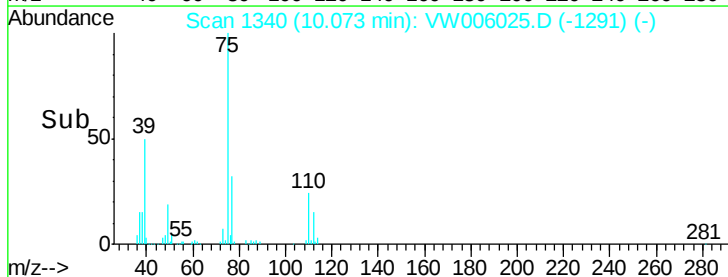
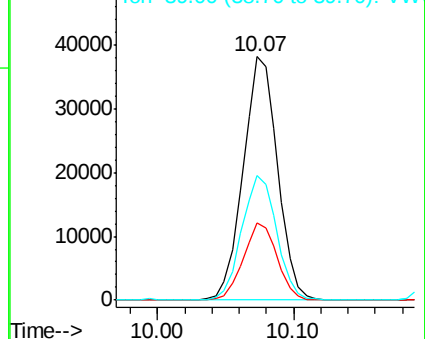
39 50.7 44.2 66.4

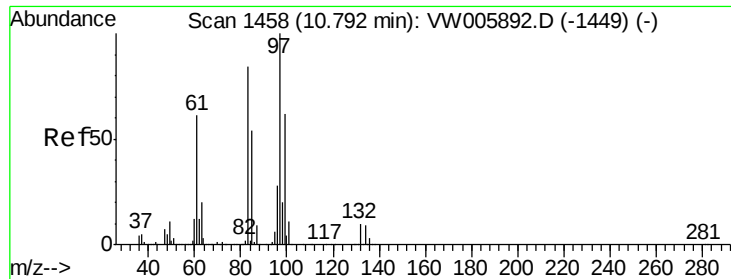


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

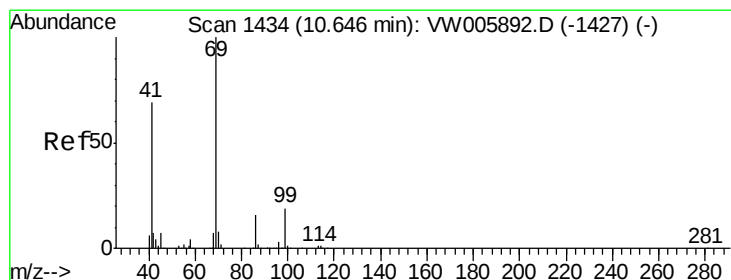
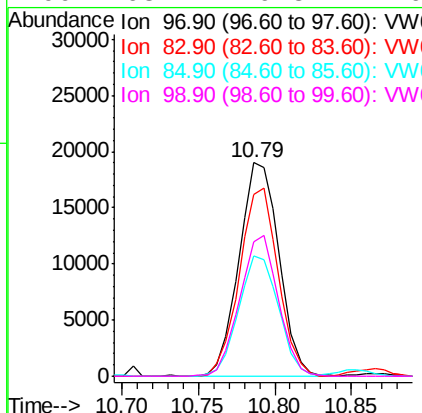
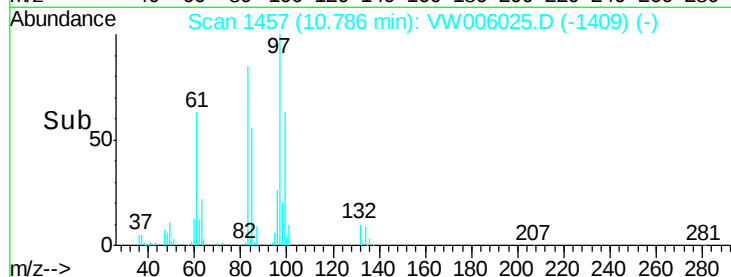
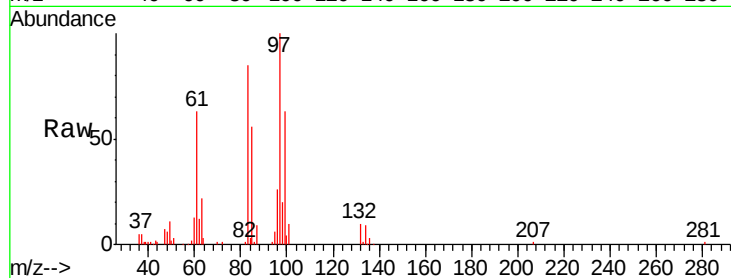




#55
 1,1,2-Trichloroethane
 Concen: 19.49 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

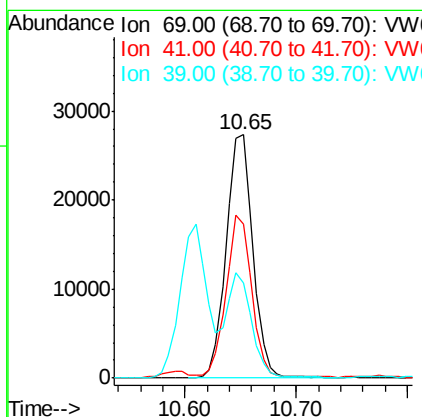
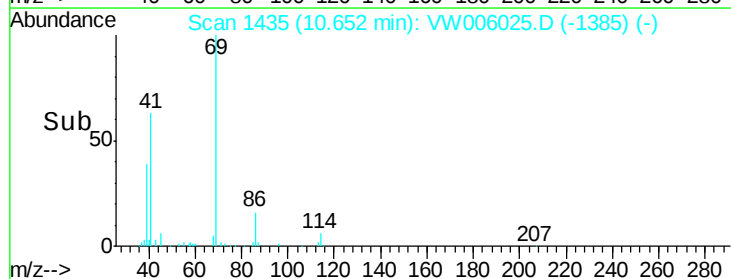
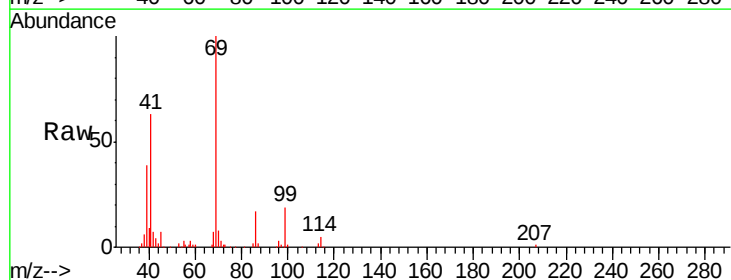
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

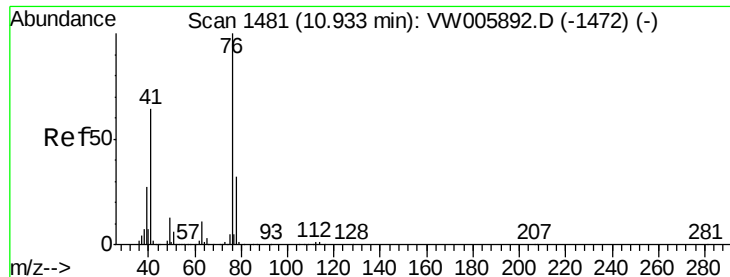
Tgt Ion:	97	Resp:	34589
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.9	100.3
85	56.1	43.4	65.0
99	63.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.97 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion:	69	Resp:	45361
Ion	Ratio	Lower	Upper
69	100		
41	63.9	56.0	84.0
39	40.3	33.5	50.3

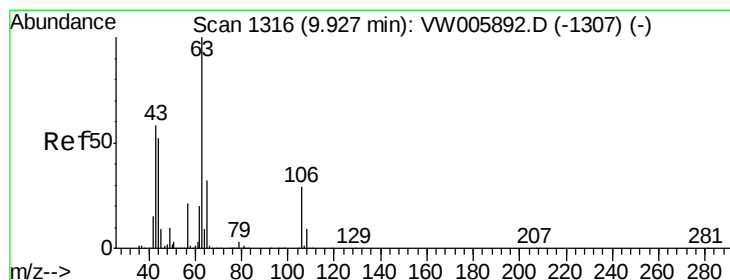
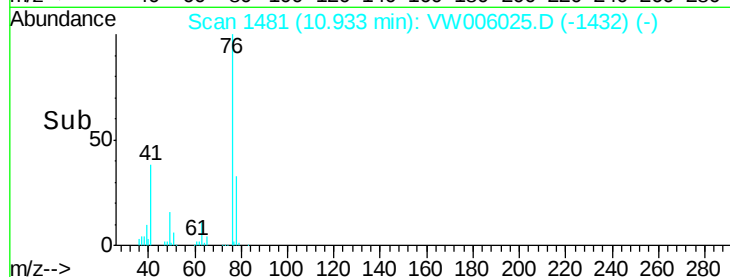
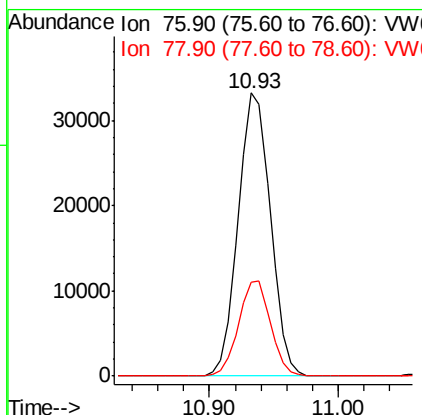
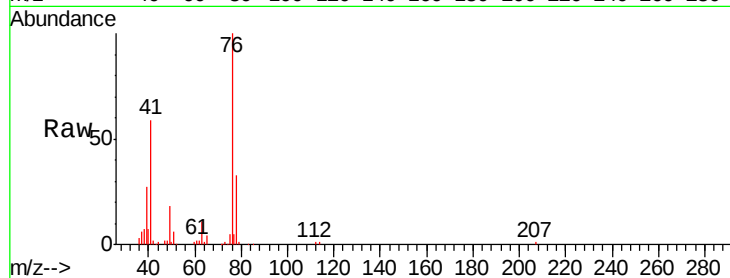




#57
 1,3-Dichloropropane
 Concen: 19.33 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

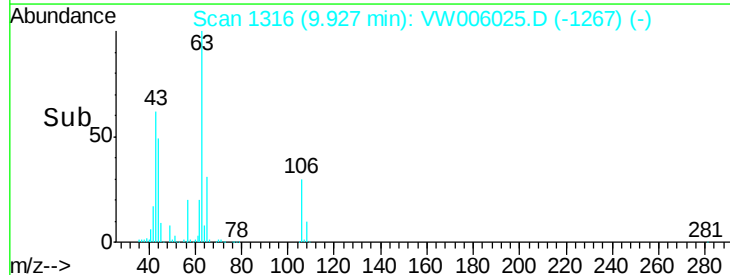
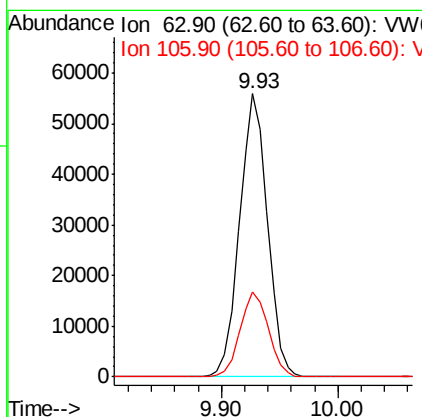
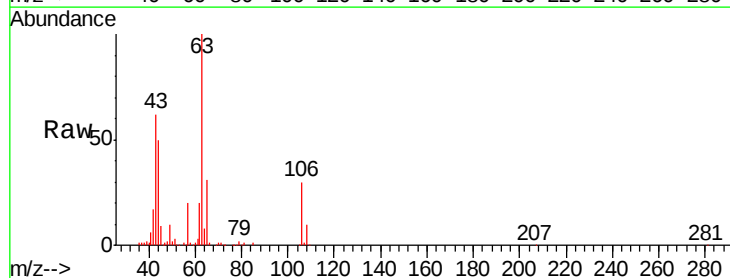
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

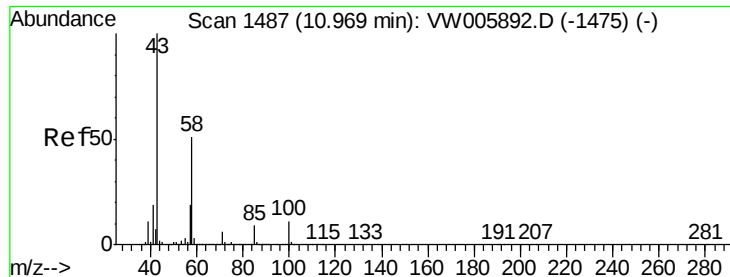
Tgt Ion: 76 Resp: 57693
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.77 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 63 Resp: 93197
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.6 35.4

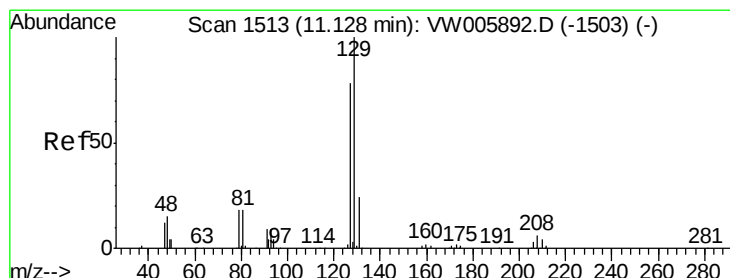
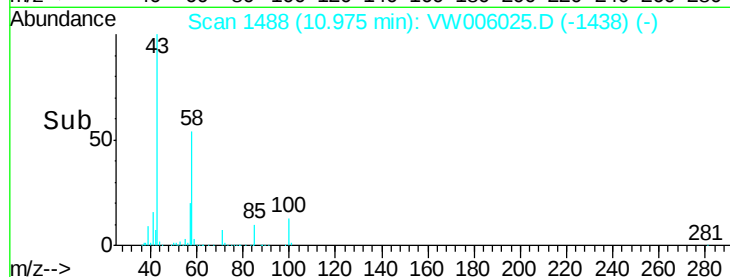
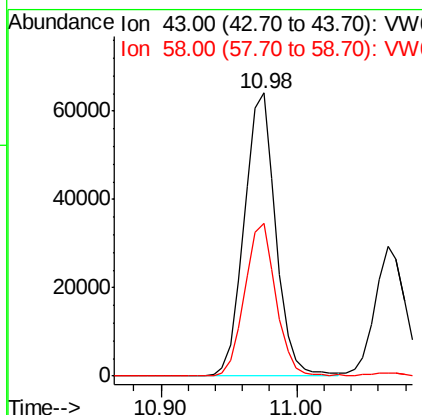
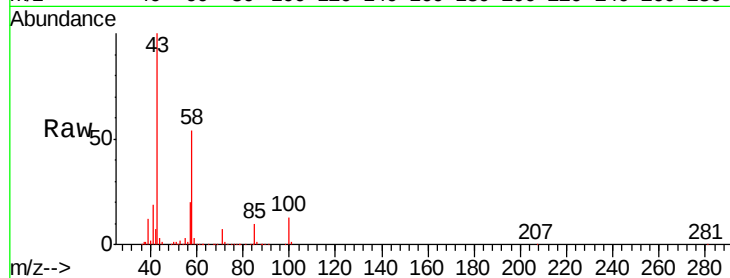




#59
2-Hexanone
Concen: 98.47 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

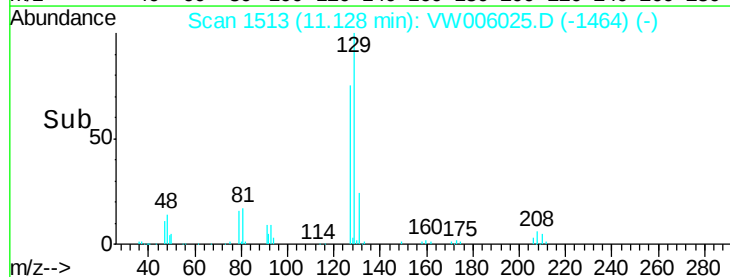
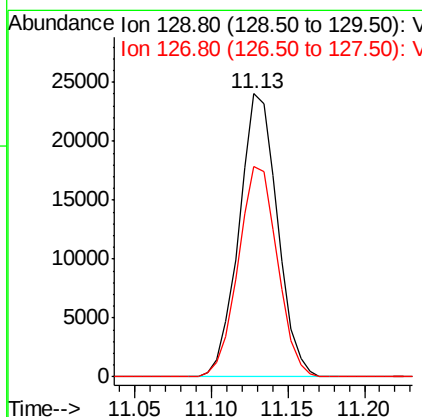
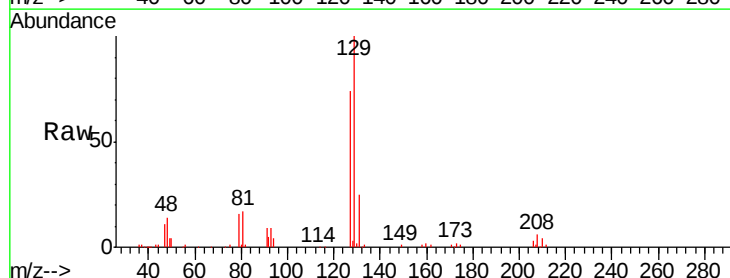
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

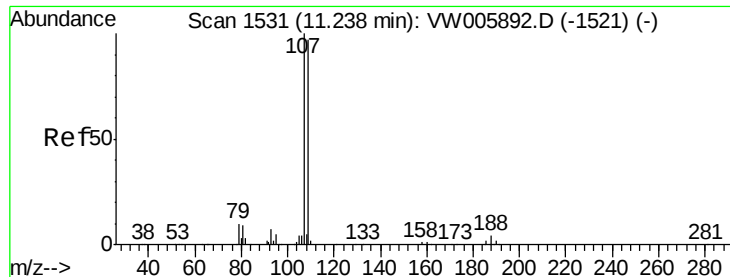
Tgt Ion: 43 Resp: 103486
Ion Ratio Lower Upper
43 100
58 53.6 25.7 77.1



#60
Dibromochloromethane
Concen: 18.29 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 129 Resp: 41886
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

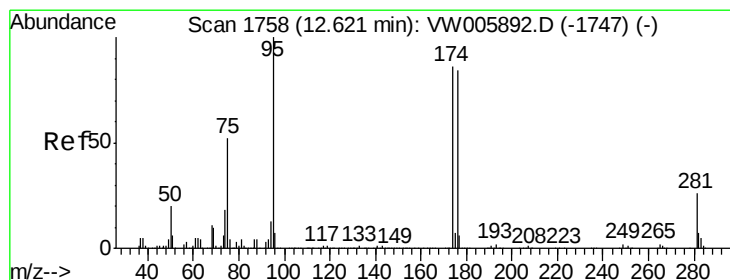
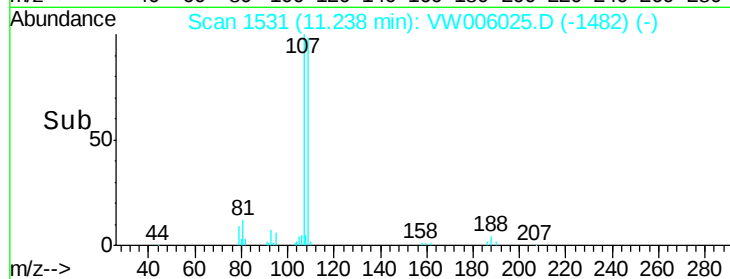
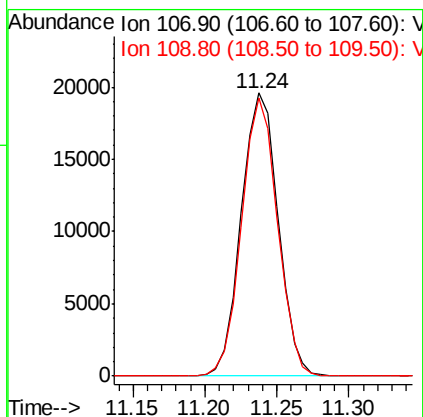
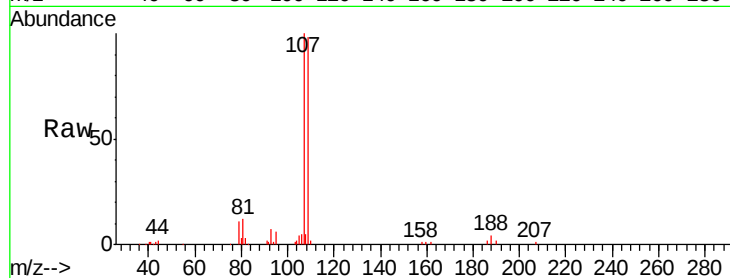




#61
 1,2-Dibromoethane
 Concen: 19.56 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

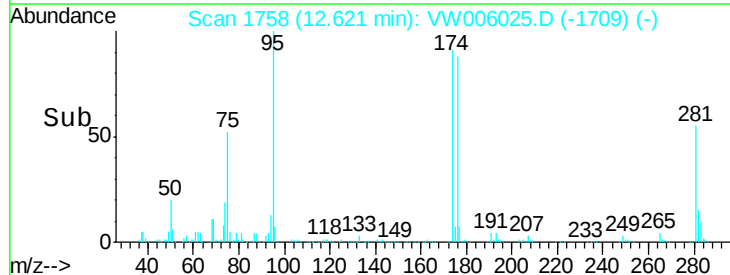
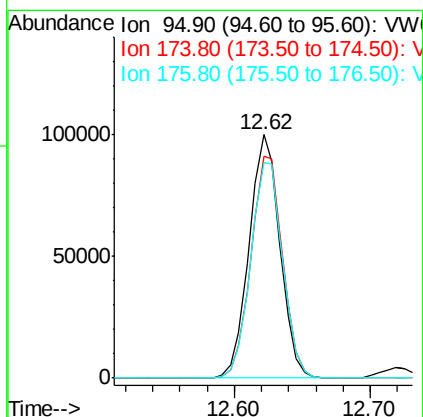
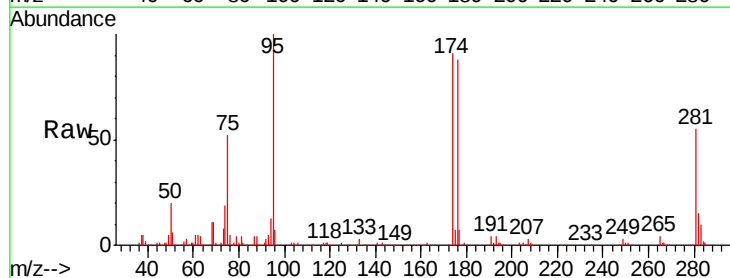
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

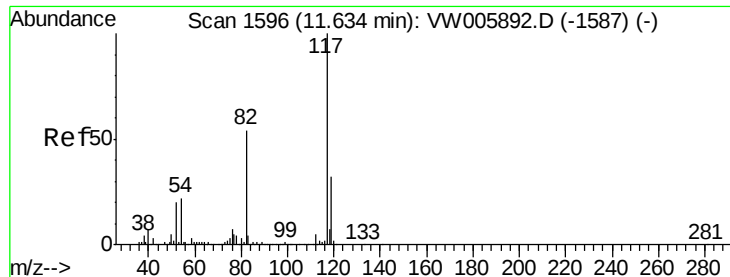
Tgt Ion: 107 Resp: 34683
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.89 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion: 95 Resp: 158918
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 176.4
 176 91.6 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

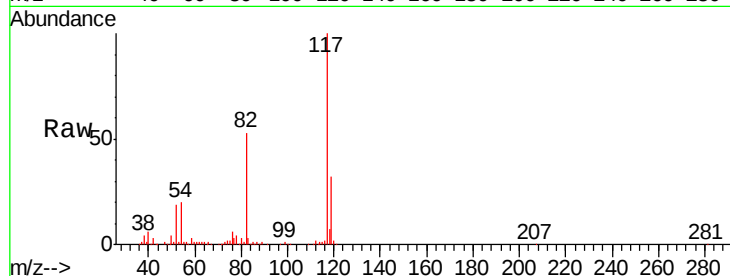
Tgt Ion:117 Resp: 327438

Ion Ratio Lower Upper

117 100

82 53.0 43.5 65.3

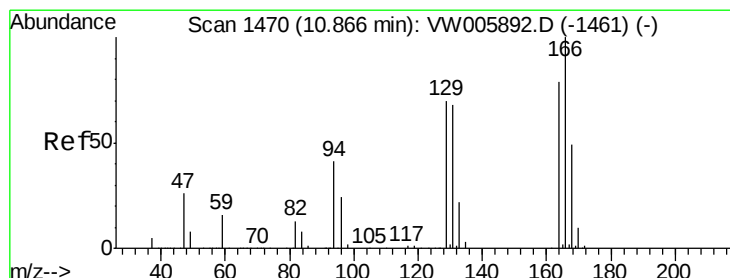
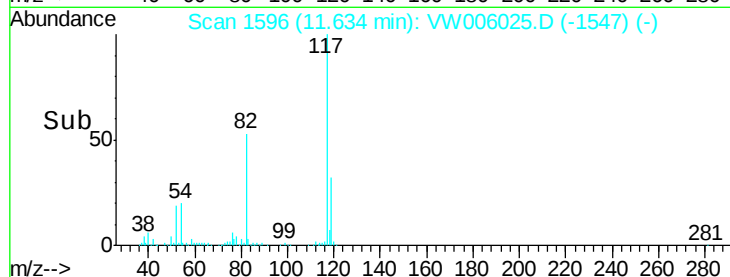
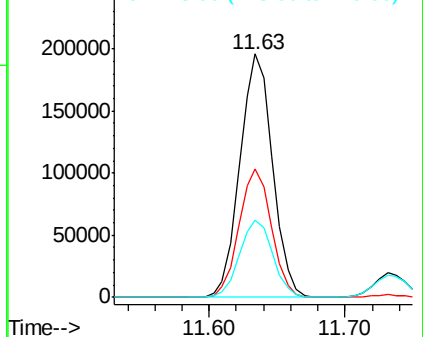
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.98 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion:164 Resp: 46286

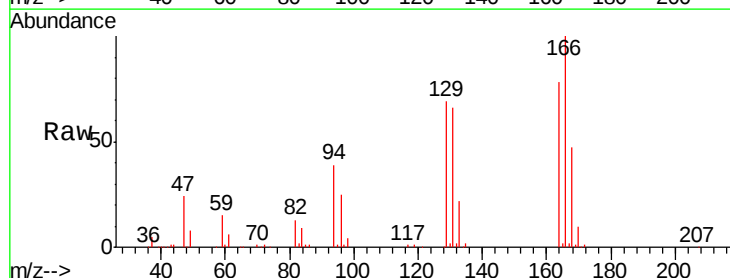
Ion Ratio Lower Upper

164 100

166 128.6 101.5 152.3

129 88.2 71.1 106.7

131 84.8 69.1 103.7

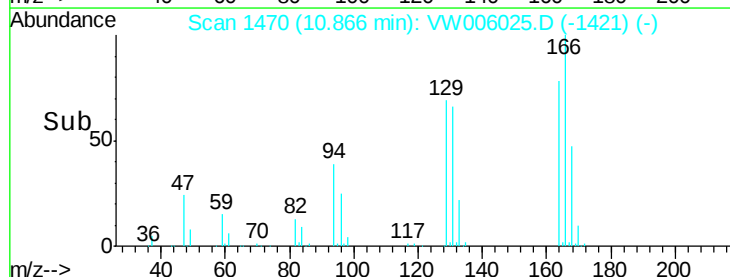
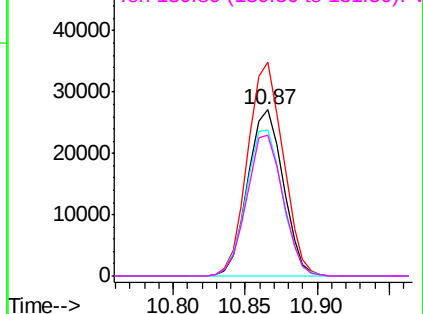


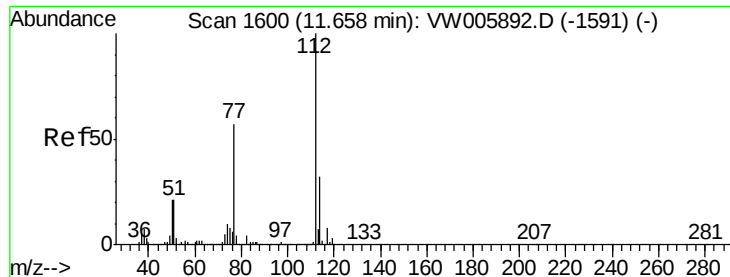
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

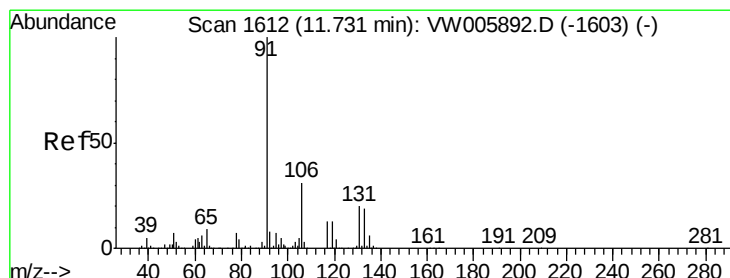
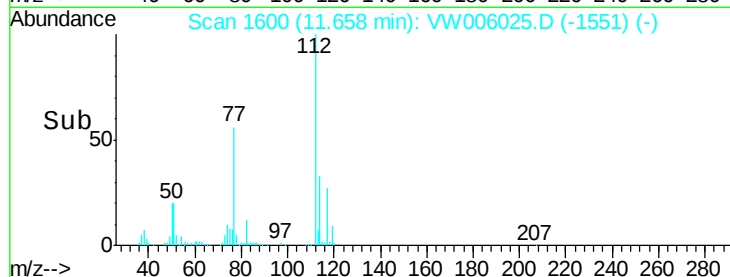
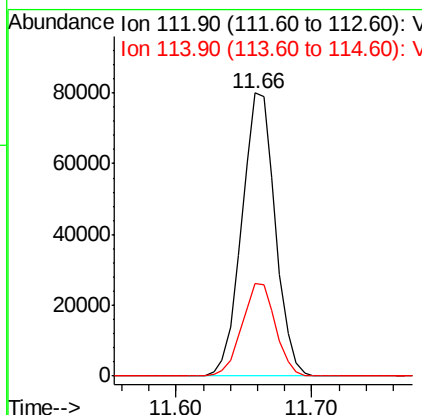
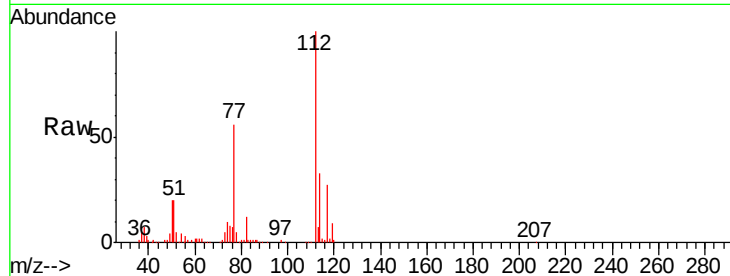




#65
Chlorobenzene
Concen: 19.56 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

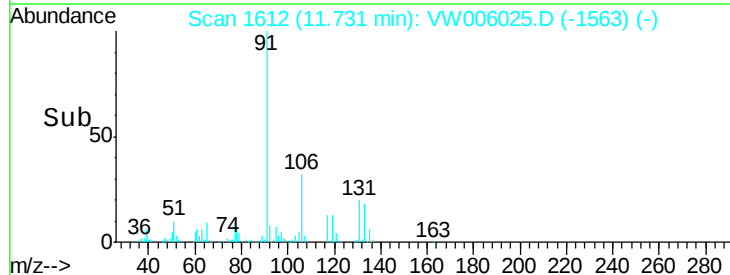
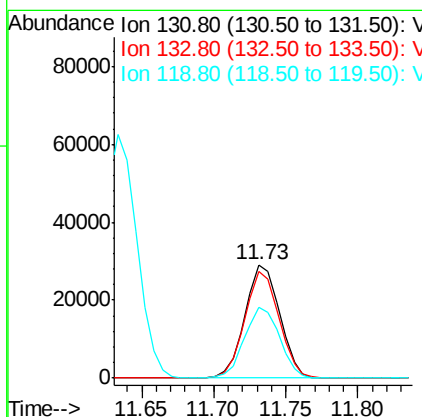
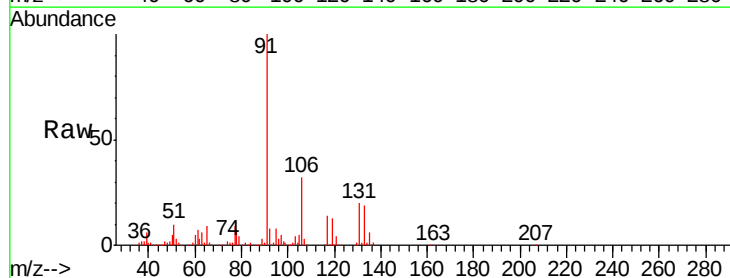
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

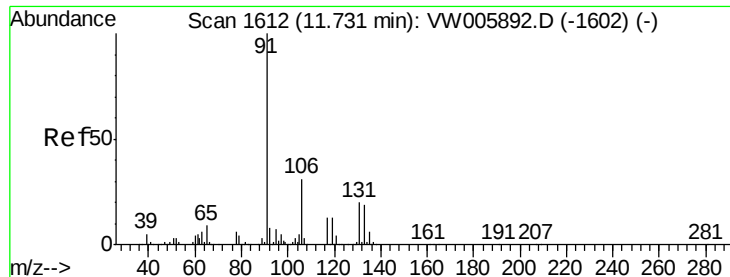
Tgt Ion:112 Resp: 137219
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.85 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion:131 Resp: 48471
Ion Ratio Lower Upper
131 100
133 93.7 48.2 144.6
119 63.4 32.5 97.5

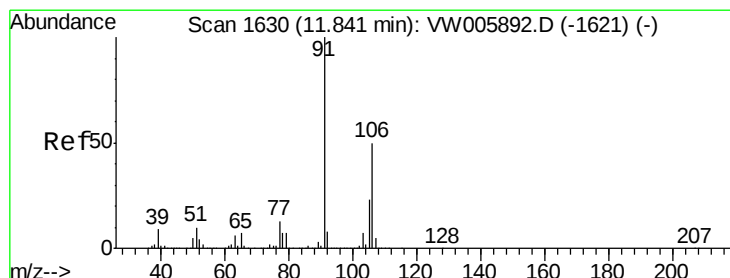
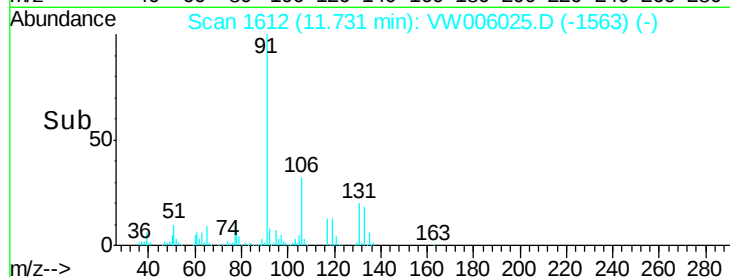
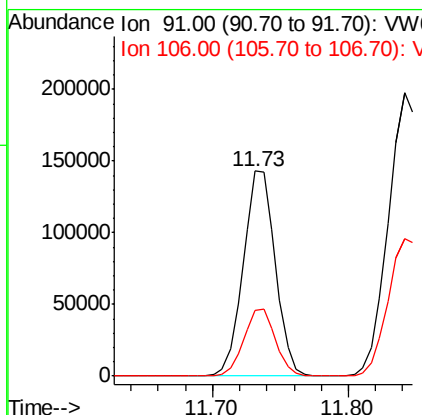
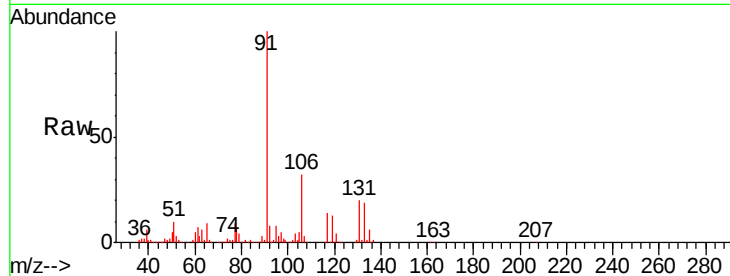




#67
Ethyl Benzene
Concen: 19.05 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

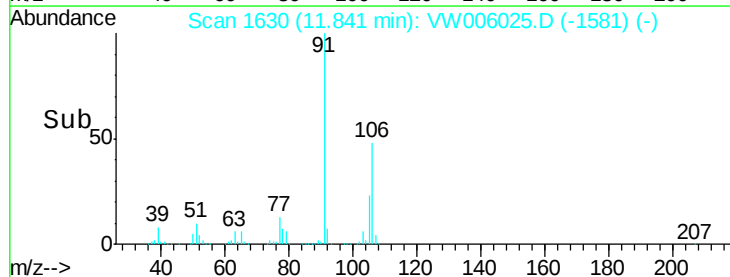
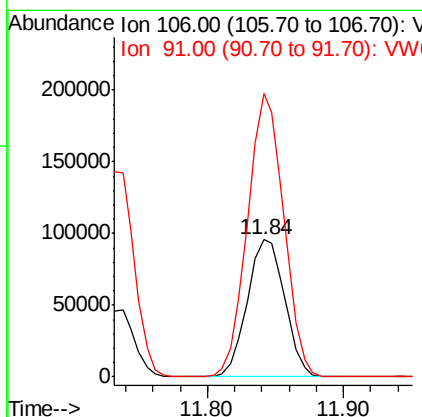
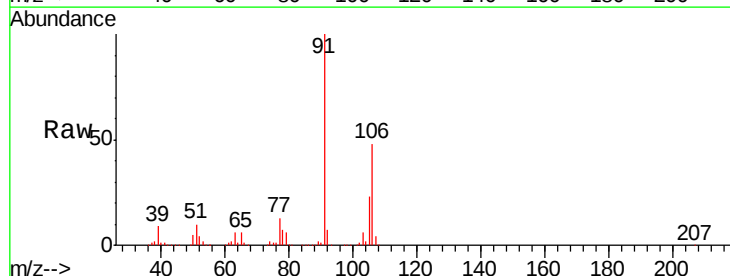
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

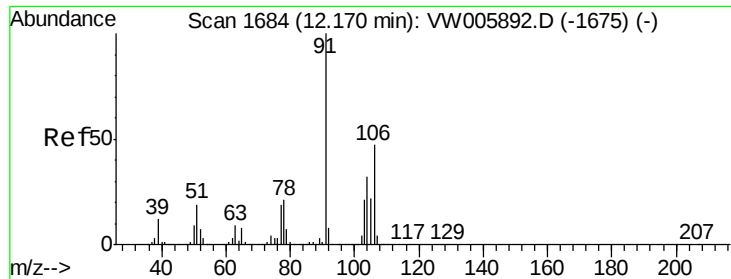
Tgt Ion: 91 Resp: 236014
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6



#68
m/p-Xylenes
Concen: 38.28 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 106 Resp: 185307
Ion Ratio Lower Upper
106 100
91 200.0 160.2 240.2

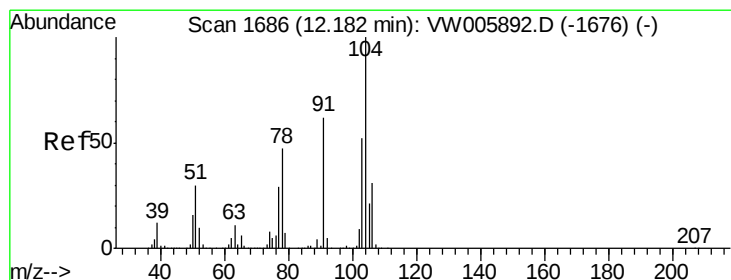
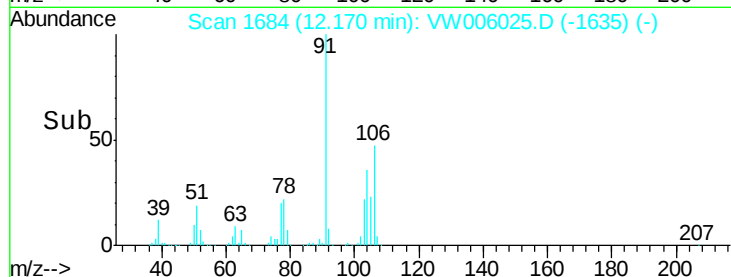
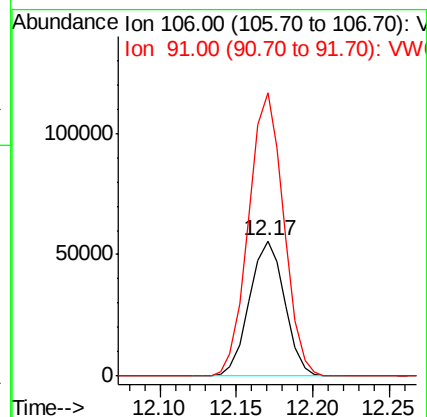
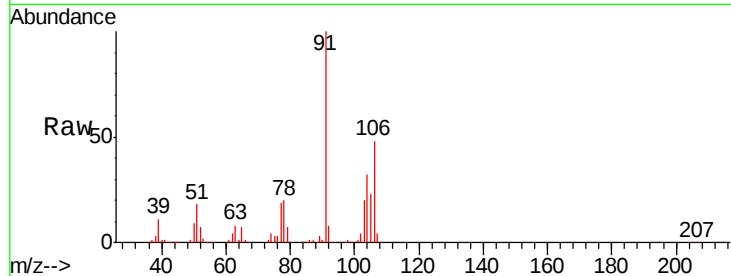




#69
o-Xylene
Concen: 19.27 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

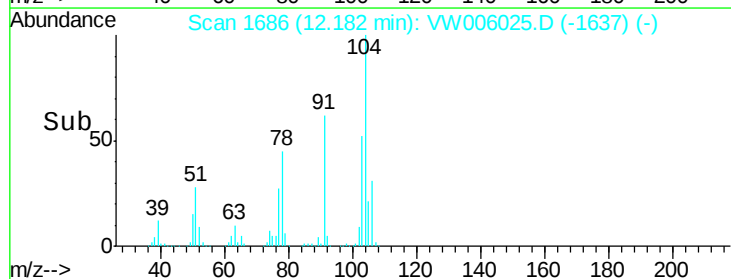
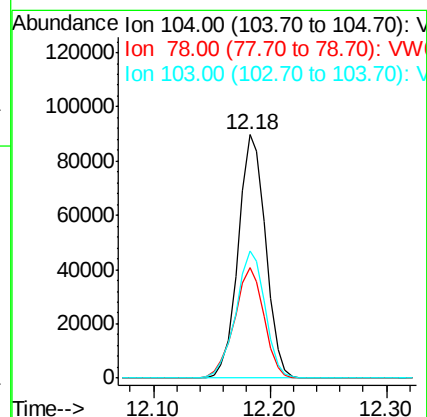
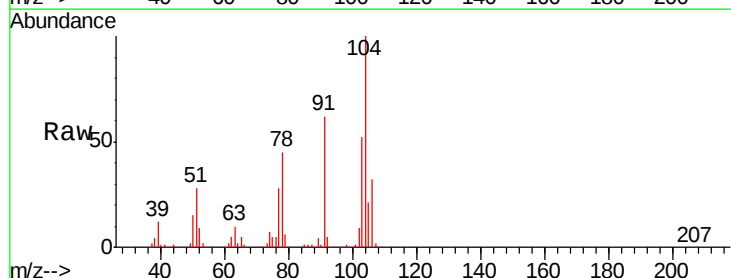
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

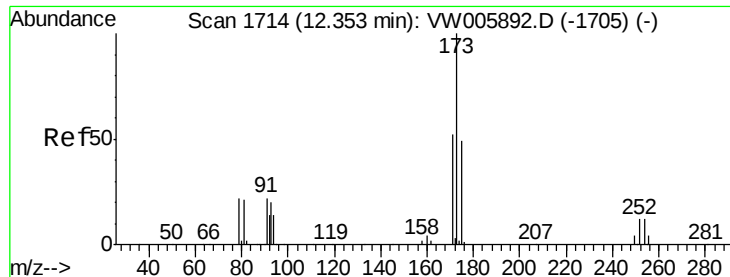
Tgt Ion:106 Resp: 89332
Ion Ratio Lower Upper
106 100
91 208.2 106.2 318.5



#70
Styrene
Concen: 19.15 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion:104 Resp: 147256
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 55.5 44.2 66.2





#71

Bromoform

Concen: 16.69 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

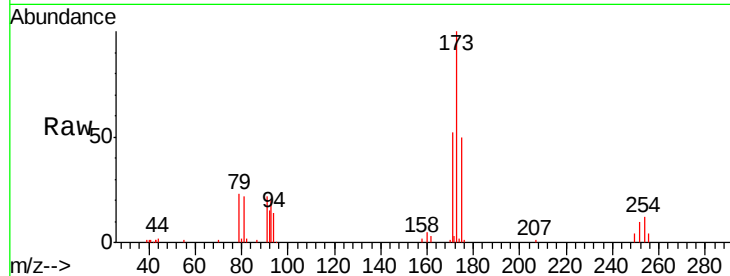
Tgt Ion:173 Resp: 25559

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

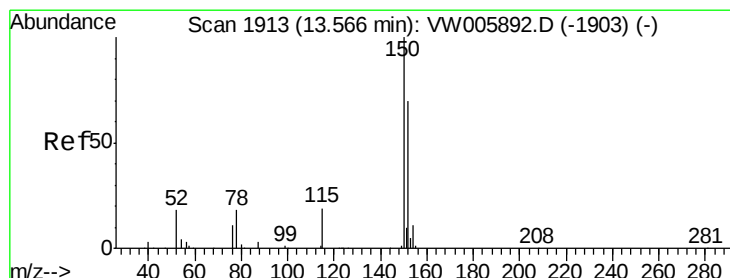
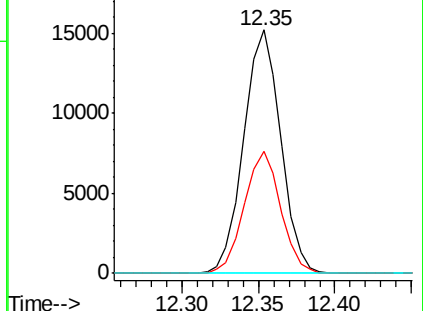
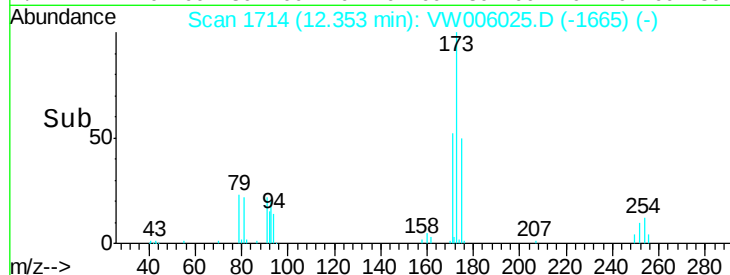
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

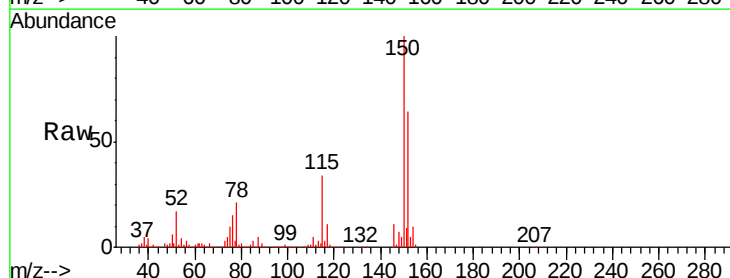
Tgt Ion:152 Resp: 183689

Ion Ratio Lower Upper

152 100

115 54.8 28.3 85.0

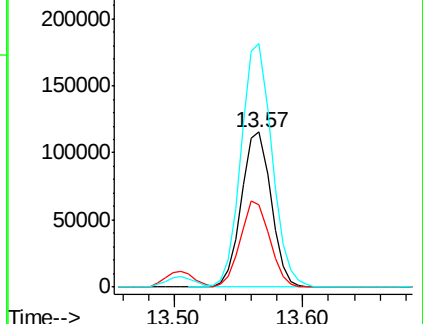
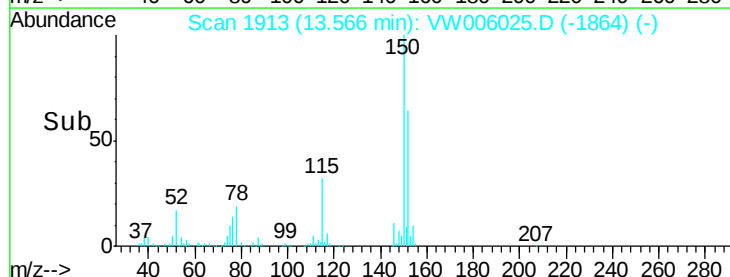
150 163.5 0.0 349.2

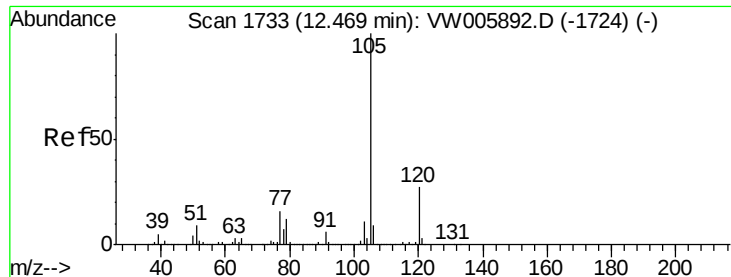


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.56 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

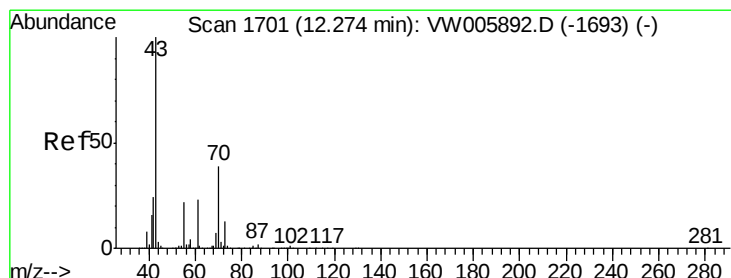
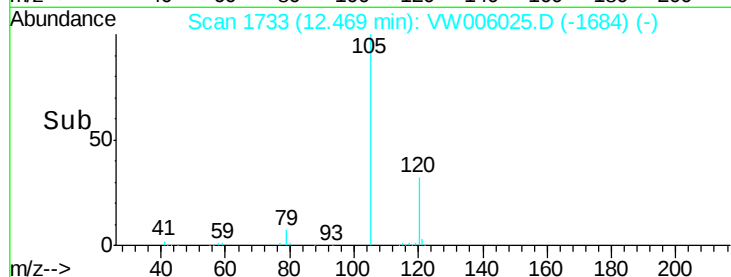
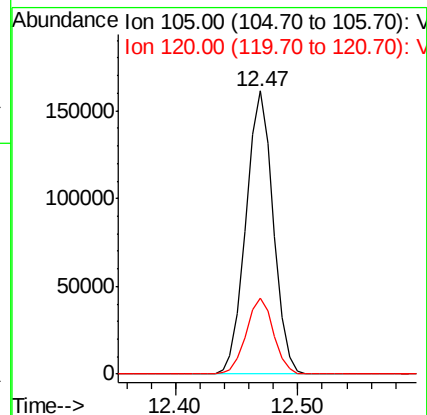
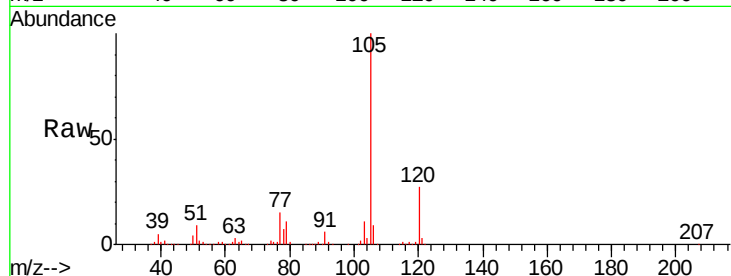
VW1012SBSD01

Tgt Ion:105 Resp: 249047

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.8



#74

N-ethyl acetate

Concen: 16.96 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Tgt Ion: 43 Resp: 54050

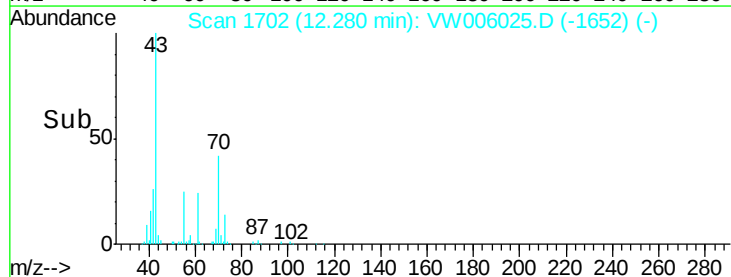
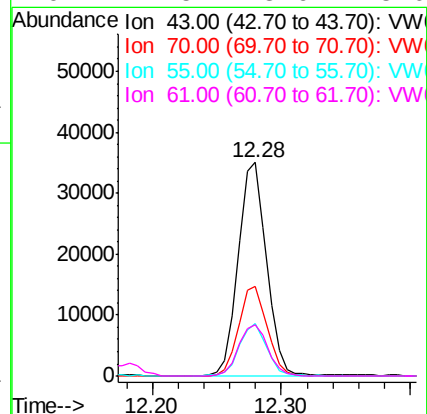
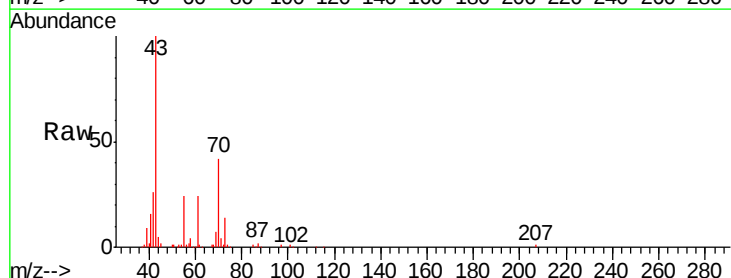
Ion Ratio Lower Upper

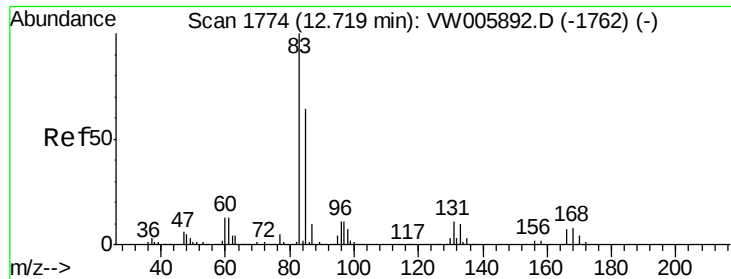
43 100

70 42.2 31.6 47.4

55 23.9 17.9 26.9

61 24.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.10 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampled :

VW1012SBSD01

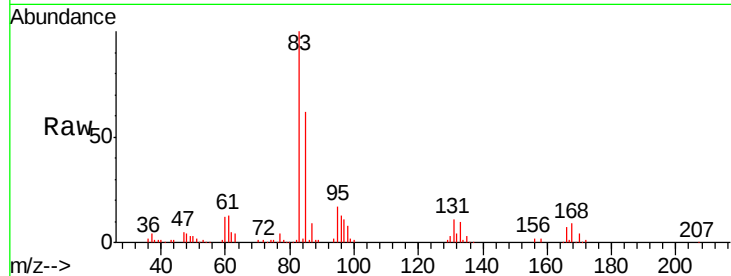
Tgt Ion: 83 Resp: 41996

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.3

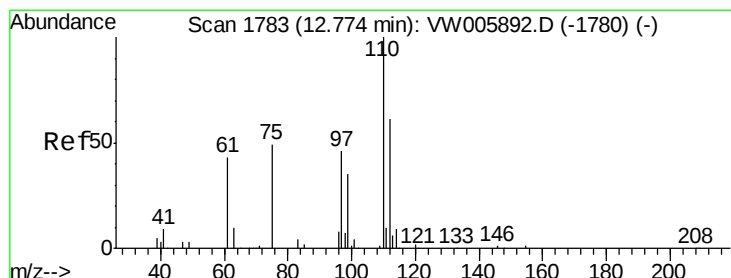
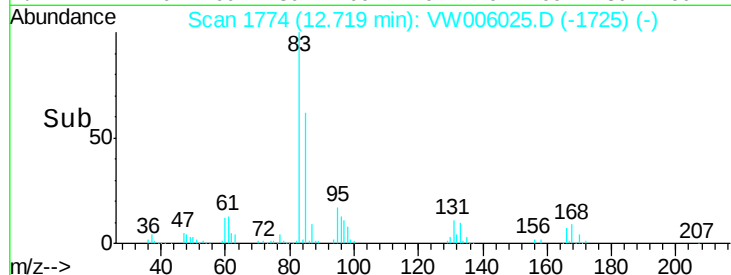
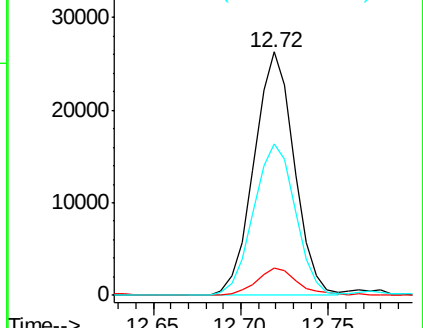
85 64.9 32.4 97.0



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: 32.37 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006025.D

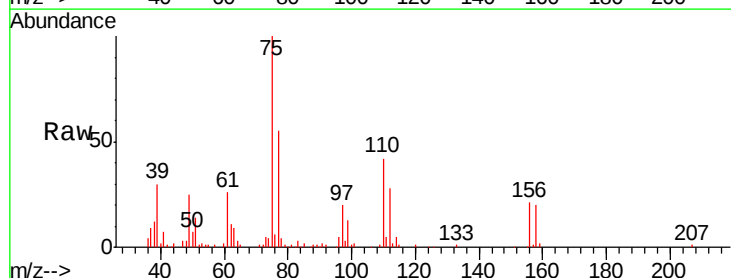
Acq: 11 Oct 2018 12:11

Tgt Ion: 75 Resp: 53118

Ion Ratio Lower Upper

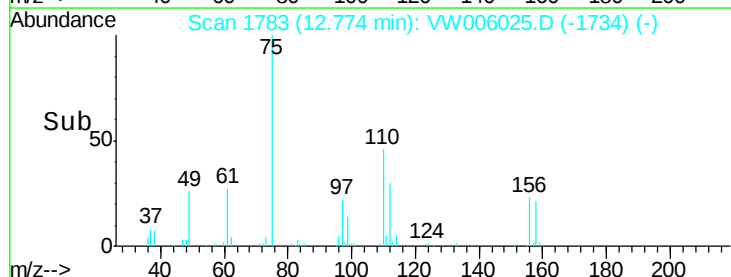
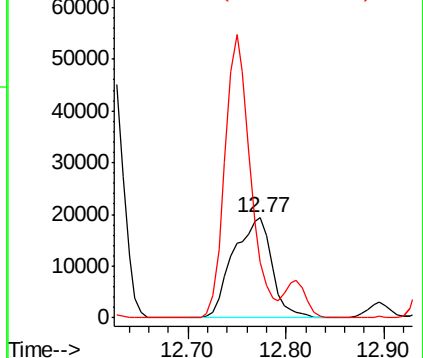
75 100

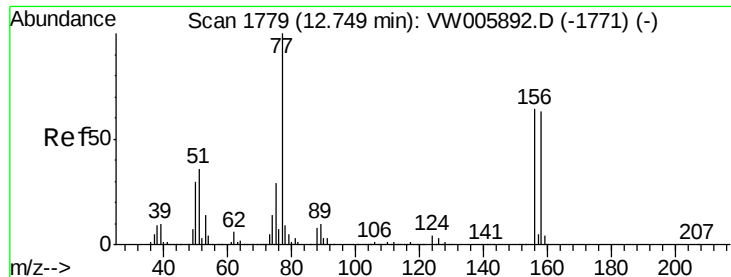
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.46 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

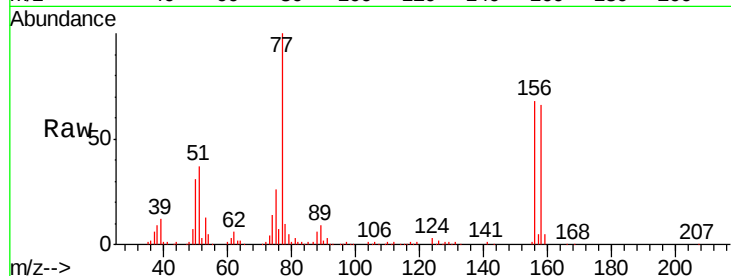
Tgt Ion:156 Resp: 61861

Ion Ratio Lower Upper

156 100

77 161.4 85.8 257.4

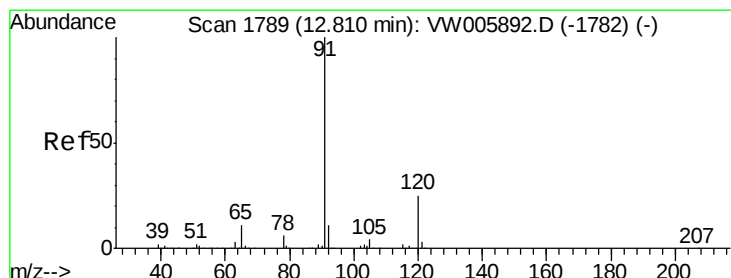
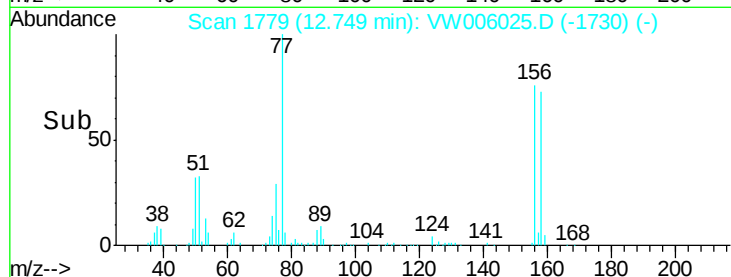
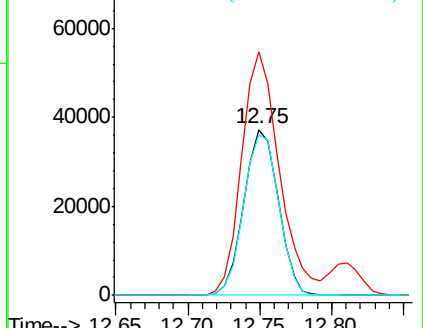
158 98.4 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.58 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006025.D

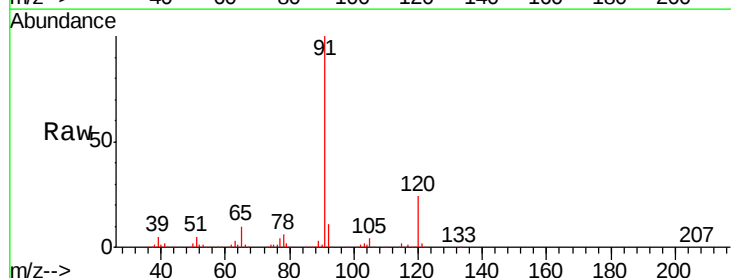
Acq: 11 Oct 2018 12:11

Tgt Ion: 91 Resp: 293237

Ion Ratio Lower Upper

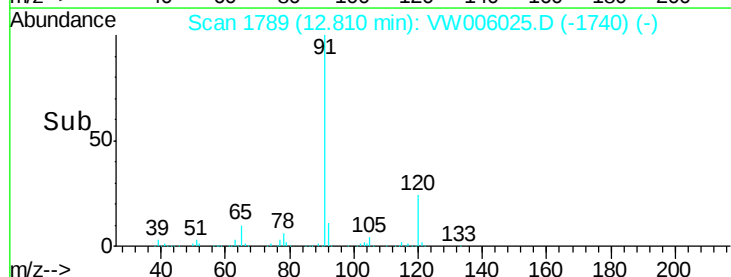
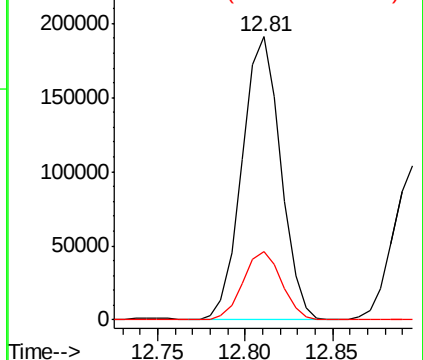
91 100

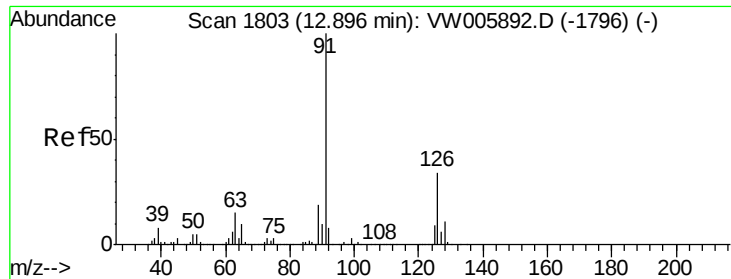
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.50 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

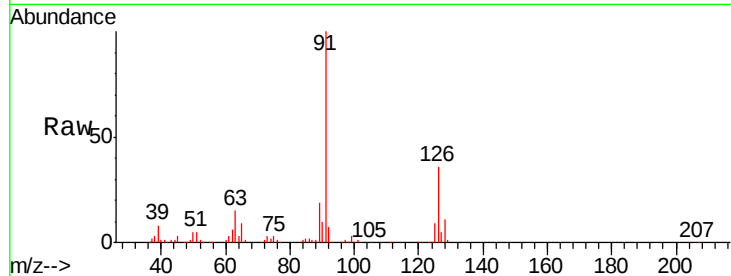
VW1012SBSD01

Tgt Ion: 91 Resp: 164788

Ion Ratio Lower Upper

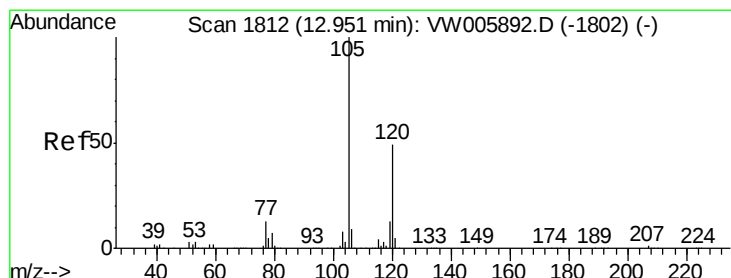
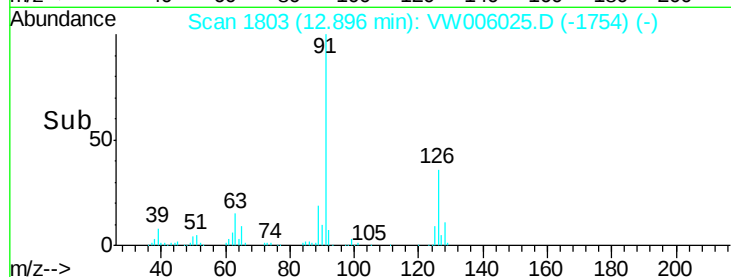
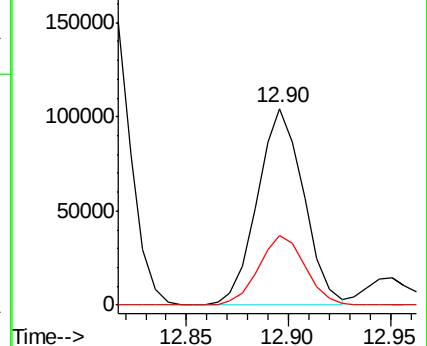
91 100

126 35.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.51 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006025.D

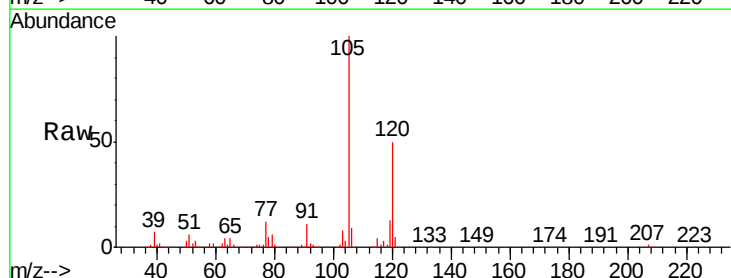
Acq: 11 Oct 2018 12:11

Tgt Ion: 105 Resp: 209588

Ion Ratio Lower Upper

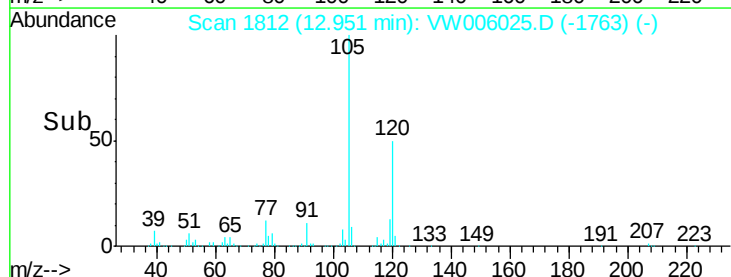
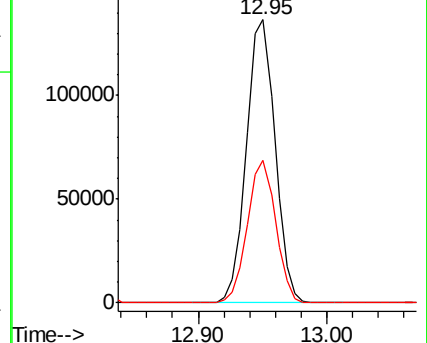
105 100

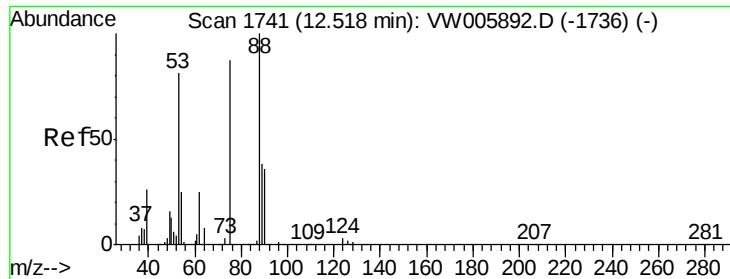
120 49.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

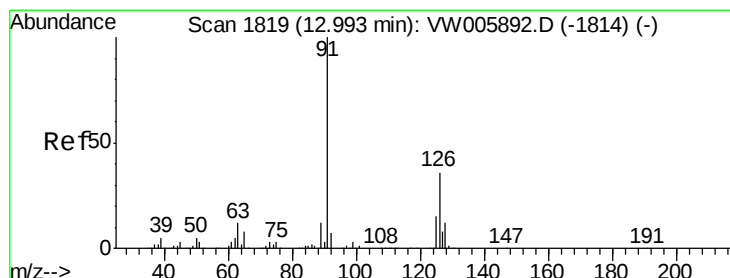
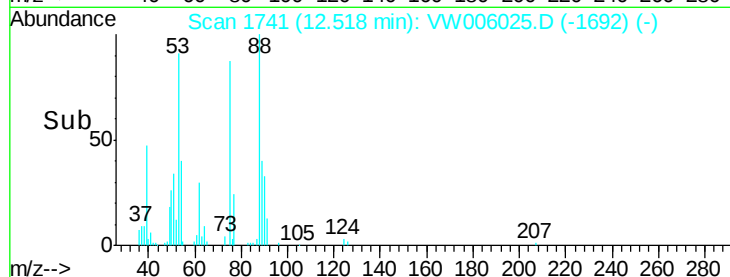
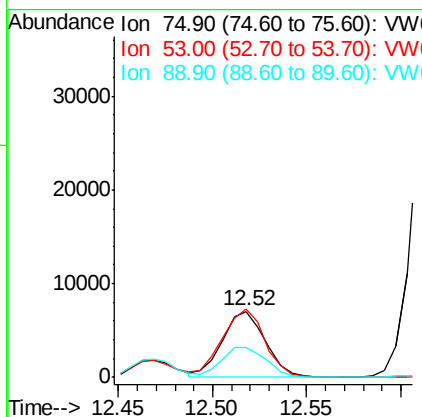
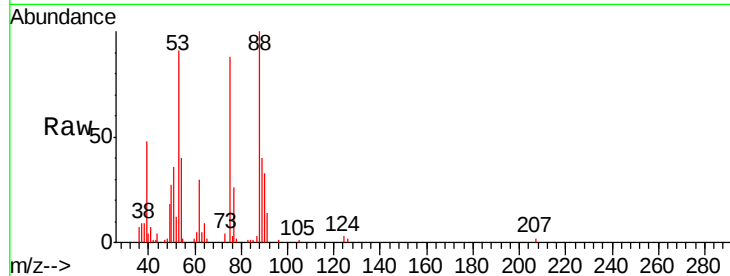




#81
trans-1,4-Dichloro-2-butene
Concen: 14.10 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

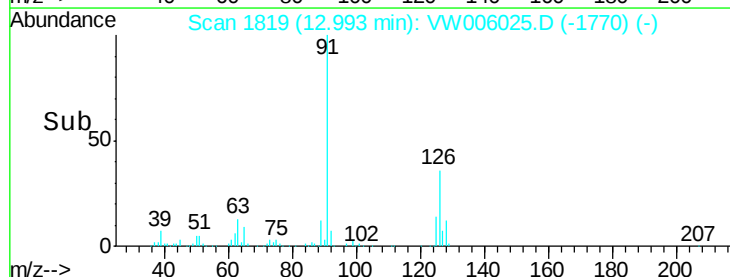
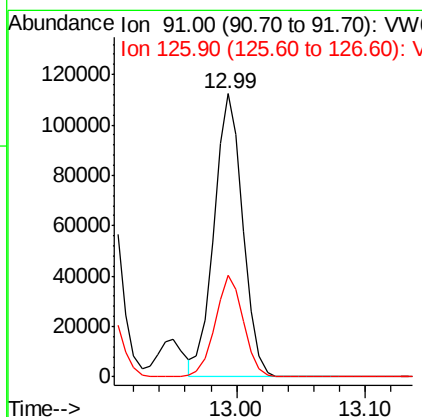
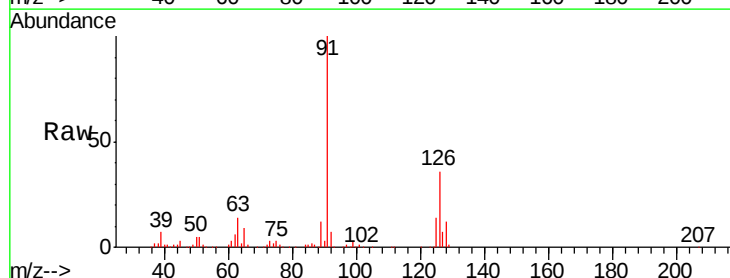
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

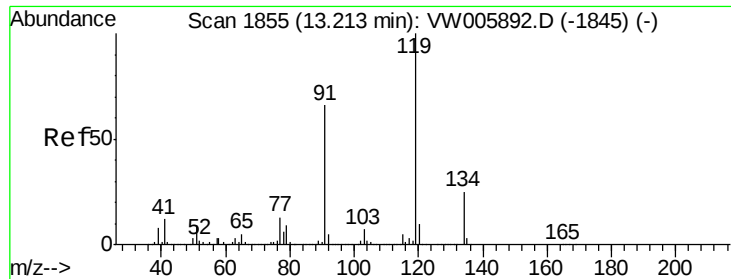
Tgt Ion: 75 Resp: 10958
Ion Ratio Lower Upper
75 100
53 105.0 76.5 114.7
89 47.9 37.6 56.4



#82
4-Chlorotoluene
Concen: 18.72 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion: 91 Resp: 175436
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2

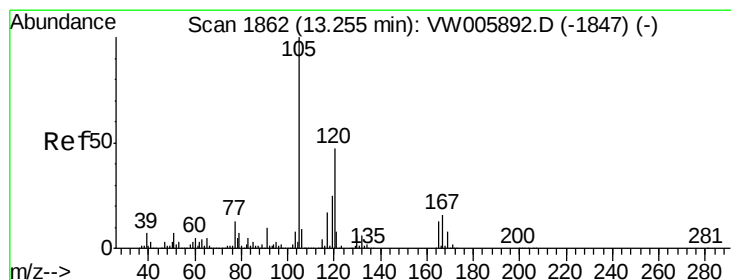
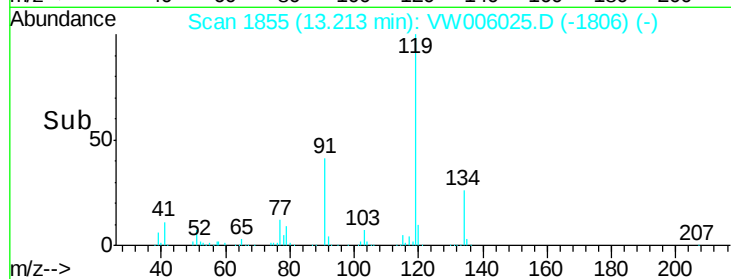
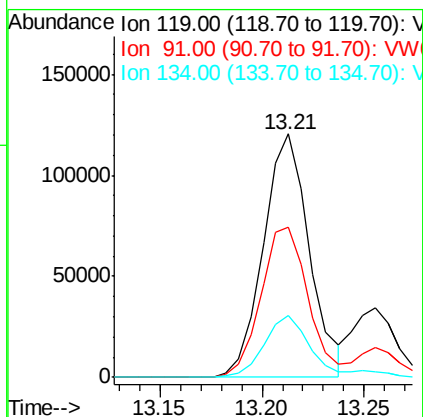
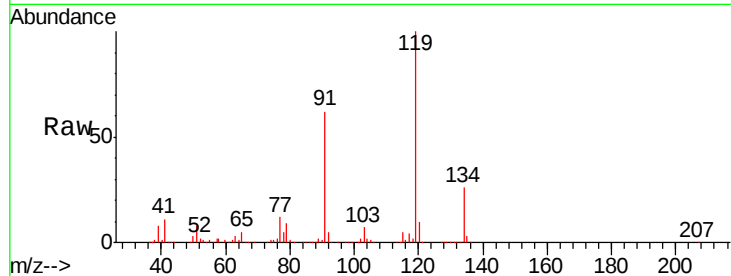




#83
 tert-Butylbenzene
 Concen: 18.81 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

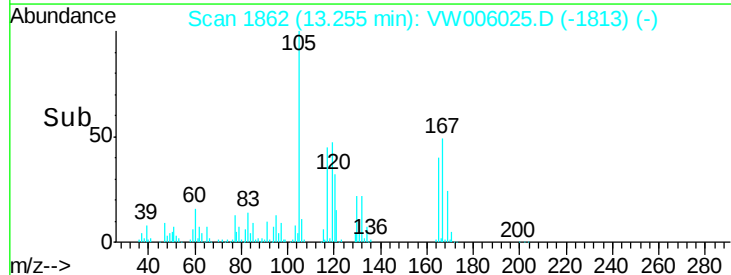
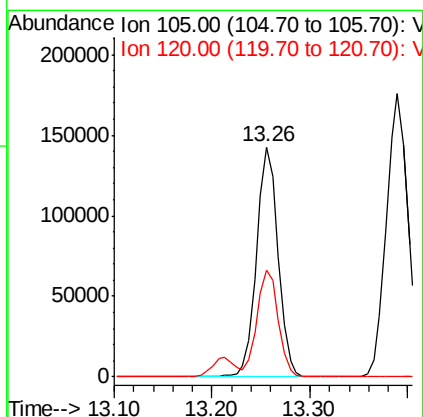
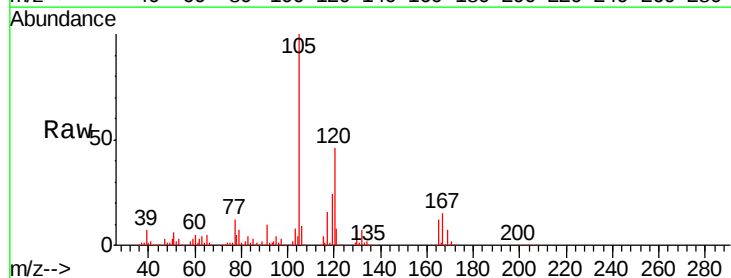
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

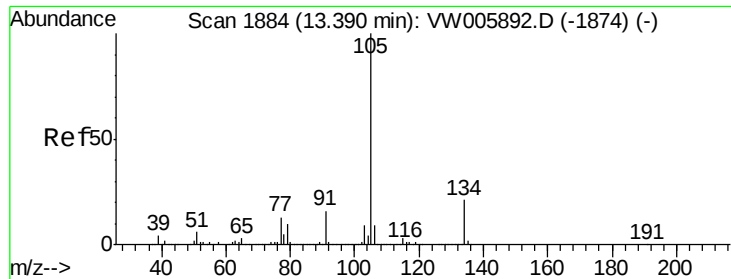
Tgt Ion:119 Resp: 189473
 Ion Ratio Lower Upper
 119 100
 91 62.9 32.4 97.0
 134 27.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.03 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion:105 Resp: 217406
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3

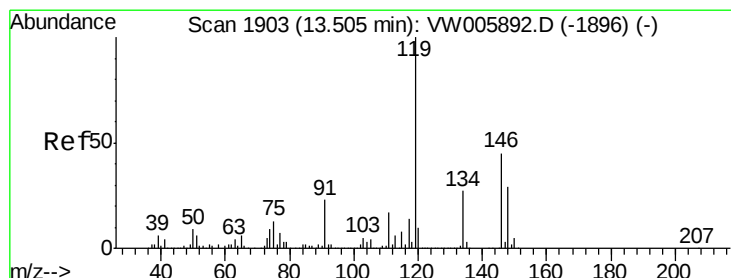
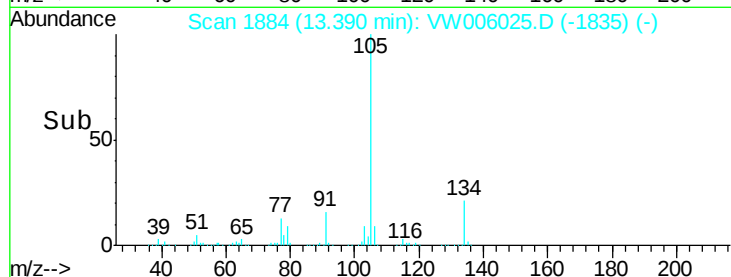
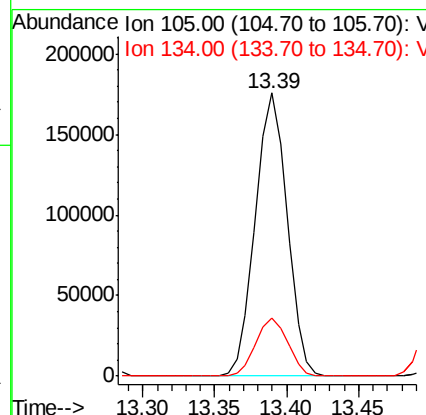
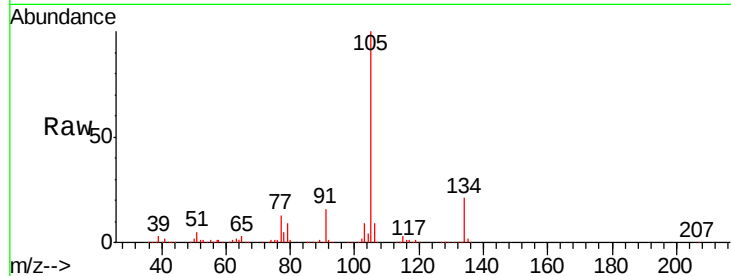




#85
 sec-Butylbenzene
 Concen: 18.99 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

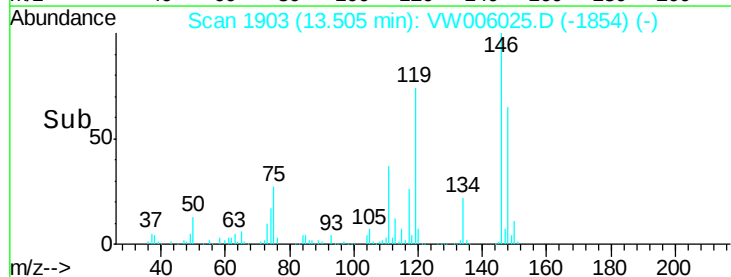
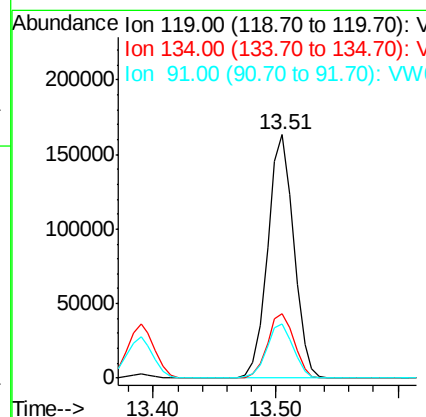
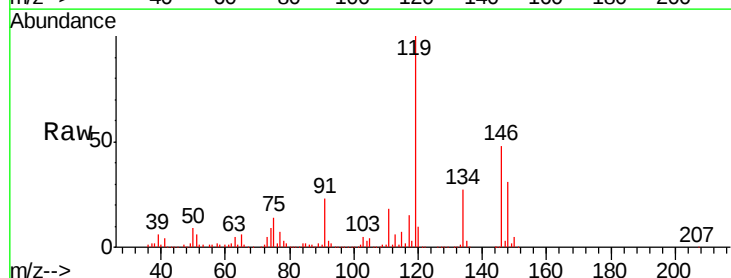
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

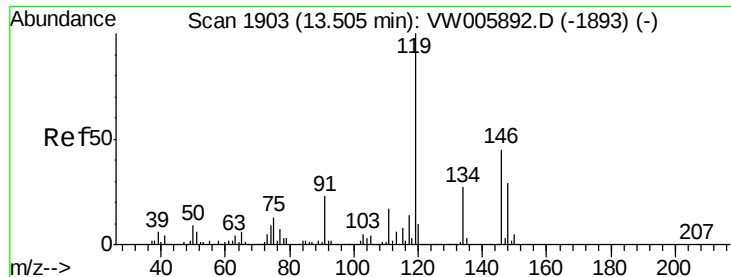
Tgt Ion:105 Resp: 268500
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.03 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion:119 Resp: 241960
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 22.7 11.9 35.5

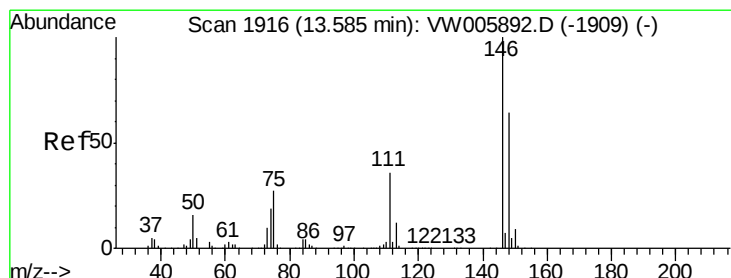
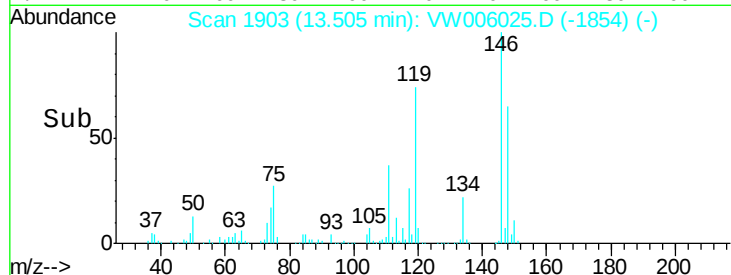
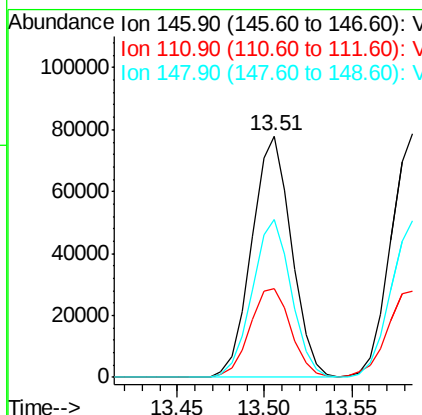
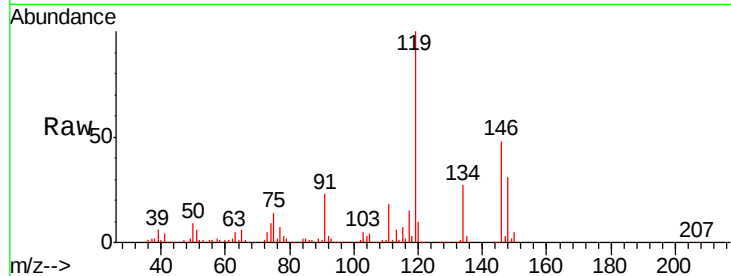




#87
 1,3-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

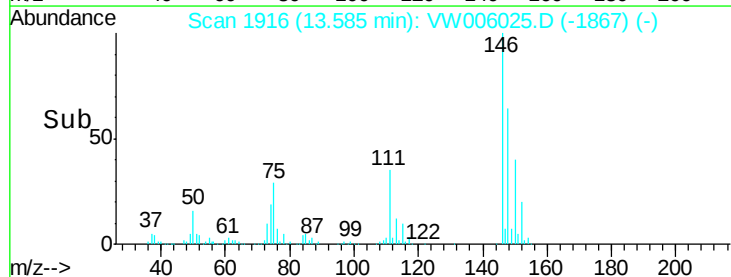
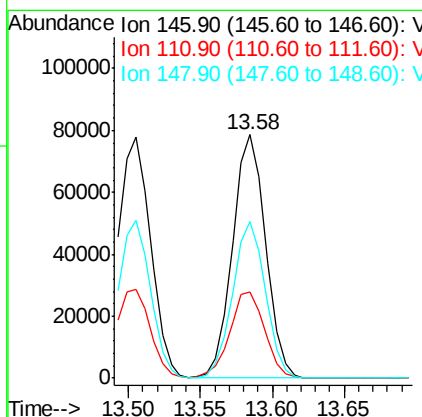
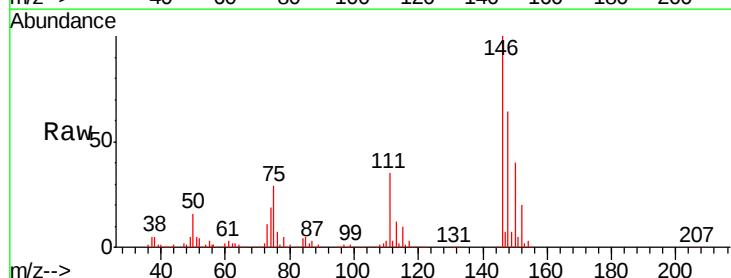
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

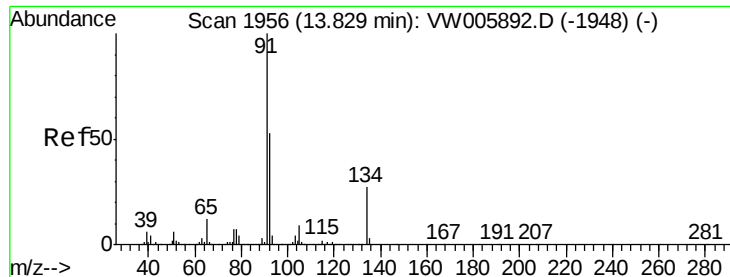
Tgt Ion:146 Resp: 124232
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.5 58.5
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.04 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion:146 Resp: 125728
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.0 57.0
 148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 18.96 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006025.D

Acq: 11 Oct 2018 12:11

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBSD01

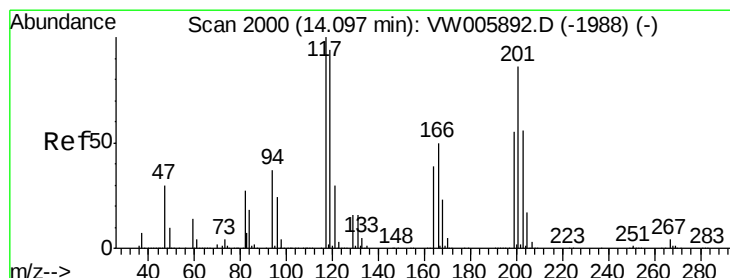
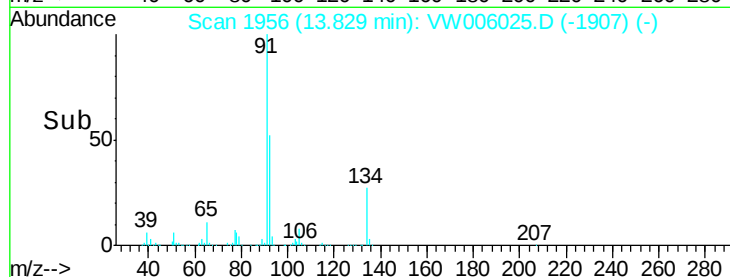
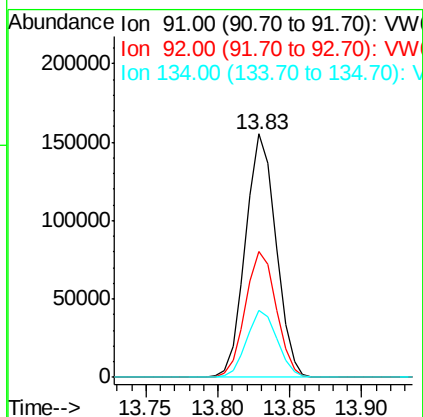
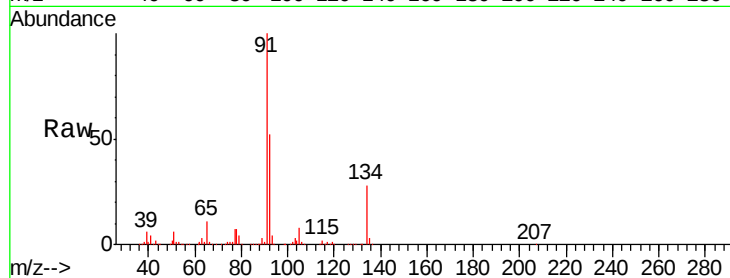
Tgt Ion: 91 Resp: 227276

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.8

134 27.7 13.8 41.4



#90

Hexachloroethane

Concen: 16.06 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006025.D

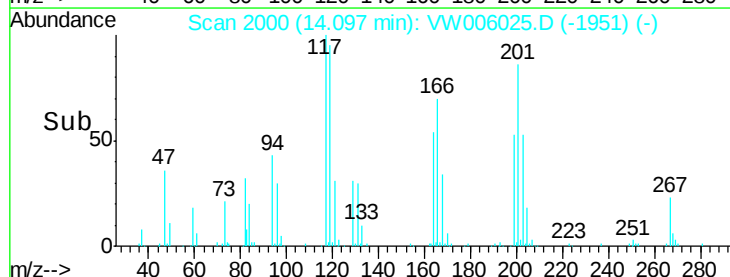
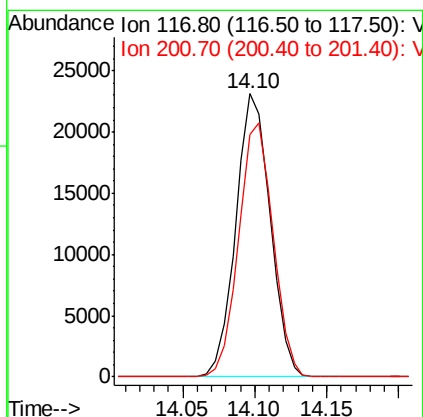
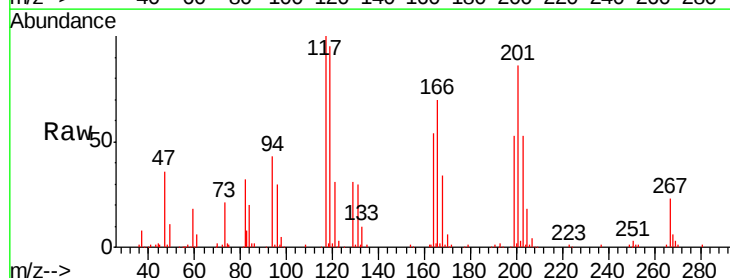
Acq: 11 Oct 2018 12:11

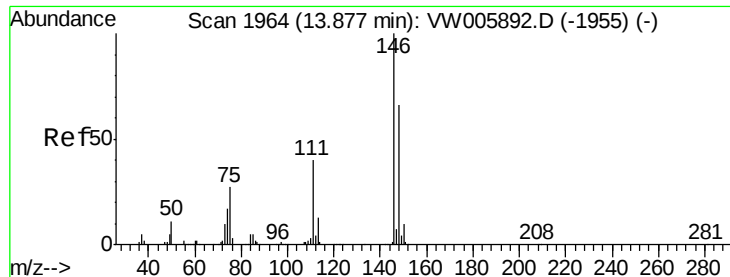
Tgt Ion: 117 Resp: 38404

Ion Ratio Lower Upper

117 100

201 89.5 44.5 133.5

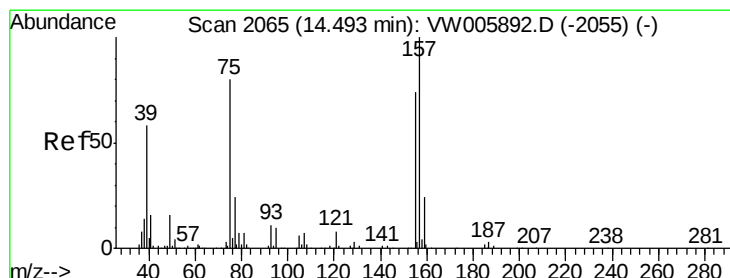
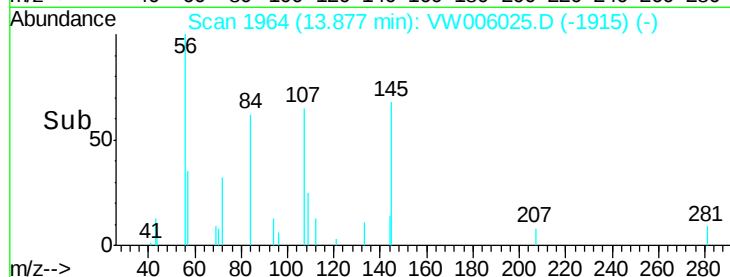
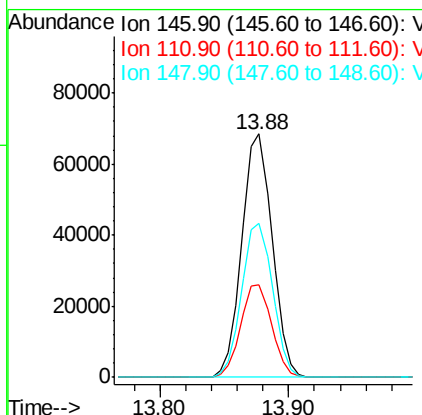
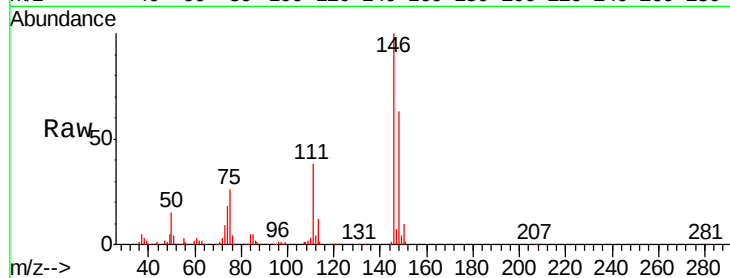




#91
 1,2-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

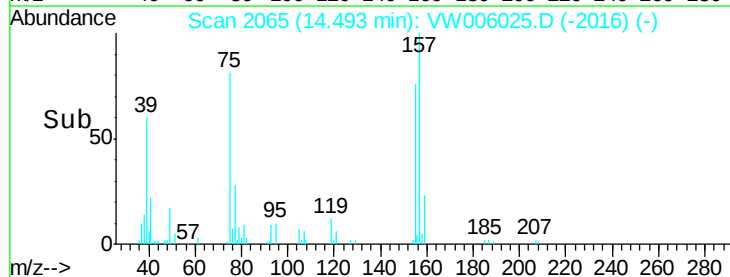
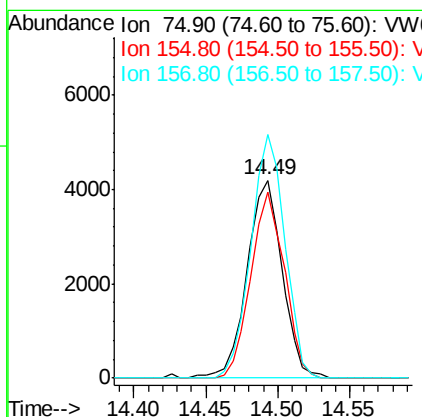
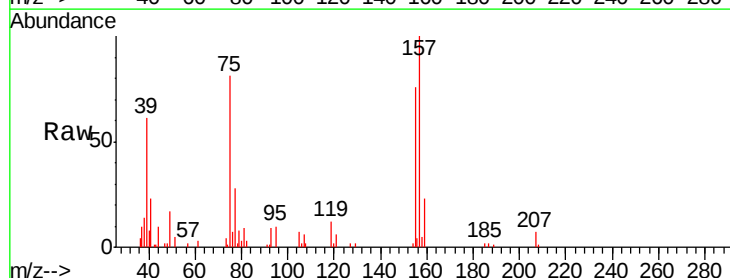
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

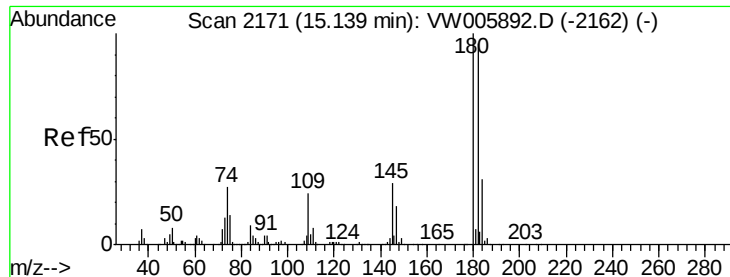
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	61.0
148	64.4	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.22 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	44.8	134.3
157	119.3	58.9	176.6

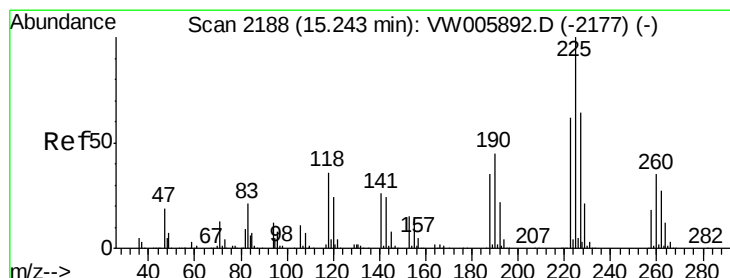
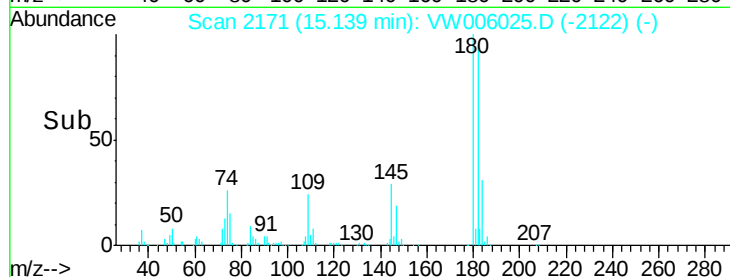
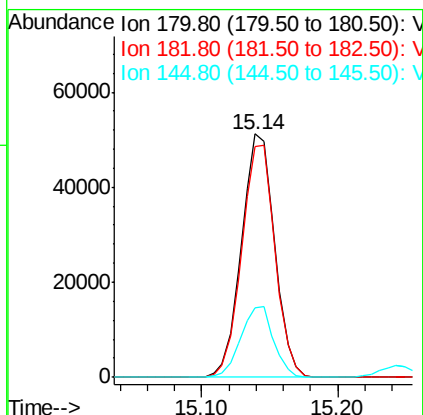
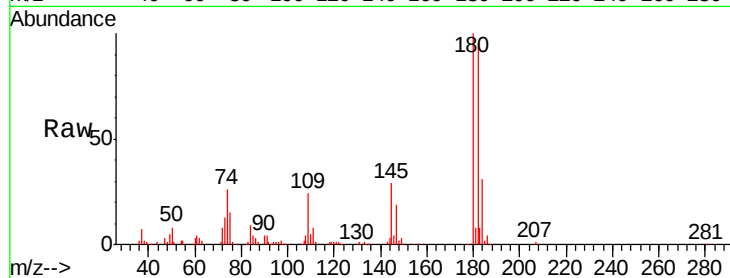




#93
 1,2,4-Trichlorobenzene
 Concen: 20.01 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

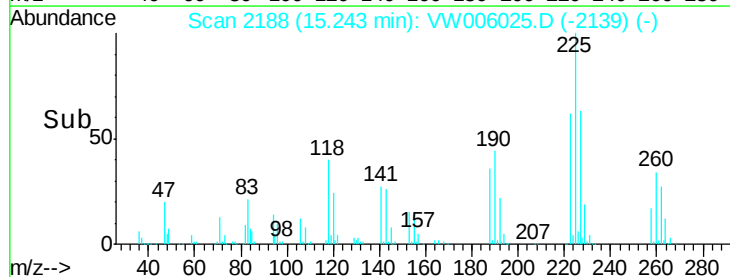
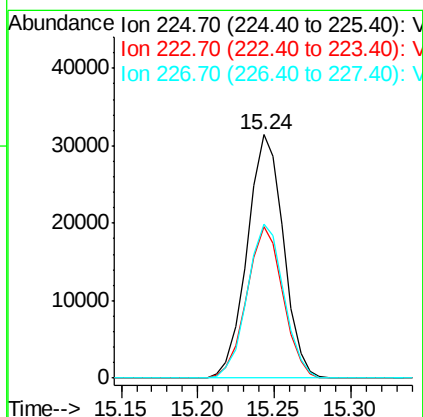
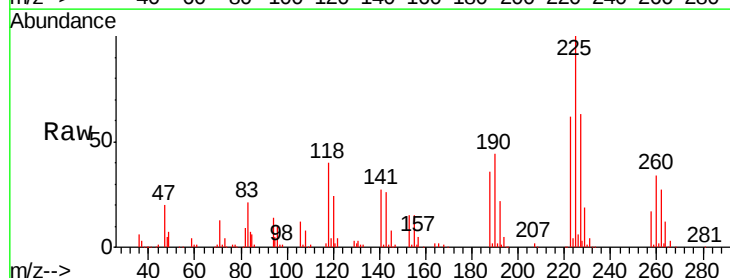
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBSD01

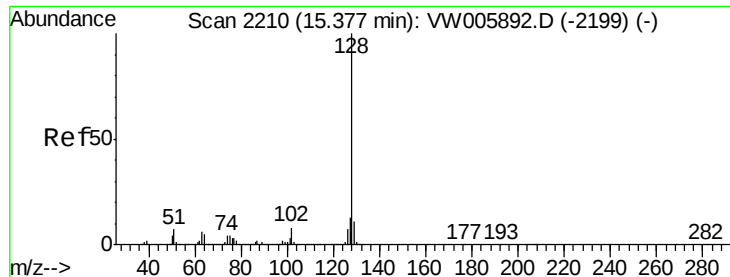
Tgt Ion:180 Resp: 86993
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.3
 145 28.8 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 19.13 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006025.D
 Acq: 11 Oct 2018 12:11

Tgt Ion:225 Resp: 51894
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.2 93.6
 227 63.8 31.9 95.9

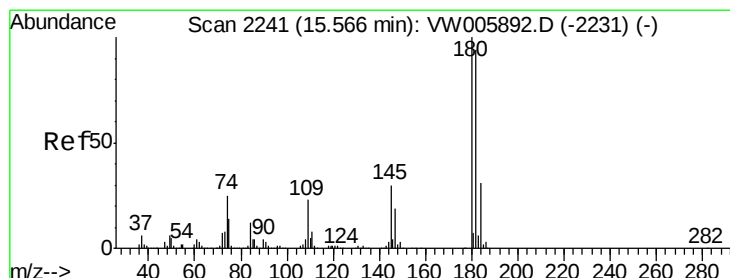
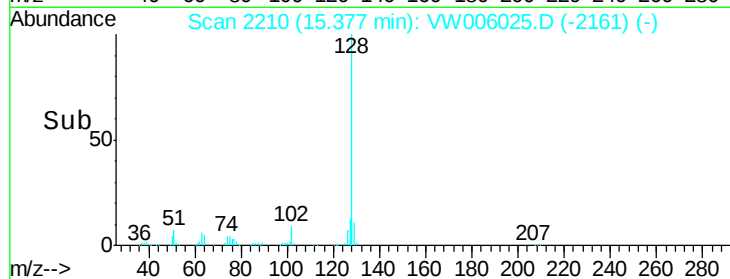
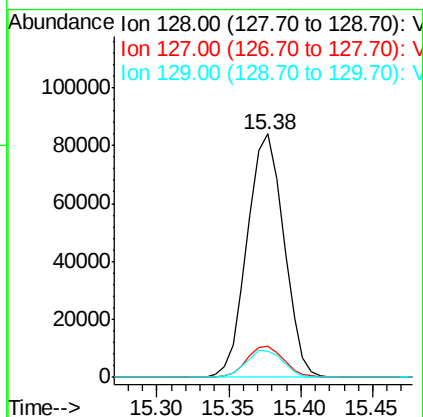
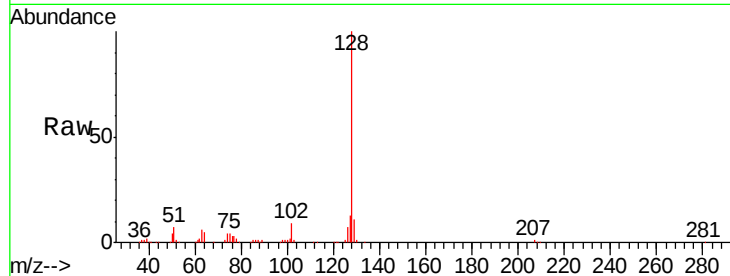




#95
Naphthalene
Concen: 19.82 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Instrument :
MSVOA_W
ClientSampleId :
VW1012SBSD01

Tgt Ion:128 Resp: 148508
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.96 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006025.D
Acq: 11 Oct 2018 12:11

Tgt Ion:180 Resp: 75132
Ion Ratio Lower Upper
180 100
182 96.7 47.6 142.8
145 30.9 15.3 45.9

