

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103118\
 Data File : VW006495.D
 Acq On : 30 Oct 2018 12:25
 Operator : SY/AP
 Sample : VW1031SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBSD02

Quant Time: Oct 30 14:00:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88346	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	95020	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	10.32	98	346320	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.62	95	130734	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19245	18.28	ug/l	98
3) Chloromethane	2.21	50	26783	19.76	ug/l	96
4) Vinyl Chloride	2.37	62	40240	20.79	ug/l	97
5) Bromomethane	2.78	94	35245	20.02	ug/l	98
6) Chloroethane	2.93	64	29678	21.40	ug/l	91
7) Trichlorofluoromethane	3.26	101	39852	22.10	ug/l	100
8) Diethyl Ether	3.67	74	20234	21.12	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42062	22.26	ug/l	99
10) Methyl Iodide	4.26	142	67017	21.31	ug/l	98
11) Tert butyl alcohol	5.22	59	11844	99.85	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	39458	22.20	ug/l	92
13) Acrolein	3.89	56	12209	106.37	ug/l	97
14) Allyl chloride	4.66	41	51125	20.12	ug/l	99
15) Acrylonitrile	5.37	53	39541	115.06	ug/l	99
16) Acetone	4.14	43	47194	135.87	ug/l	100
17) Carbon Disulfide	4.38	76	96559	18.00	ug/l	99
18) Methyl Acetate	4.68	43	20264	22.83	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	57400	21.20	ug/l	99
20) Methylene Chloride	4.91	84	43923	22.65	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	44102	22.23	ug/l	96
22) Diisopropyl ether	6.31	45	105655	21.04	ug/l	96
23) Vinyl Acetate	6.26	43	305303	103.00	ug/l	99
24) 1,1-Dichloroethane	6.21	63	71162	21.96	ug/l	100
25) 2-Butanone	7.18	43	59889	125.69	ug/l	100
26) 2,2-Dichloropropane	7.17	77	49611	21.70	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49795	22.74	ug/l	98
28) Bromochloromethane	7.51	49	24934	19.93	ug/l	90
29) Tetrahydrofuran	7.54	42	31762	108.45	ug/l	96
30) Chloroform	7.68	83	81206	23.00	ug/l	97
31) Cyclohexane	7.96	56	64295	19.92	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	69369	21.78	ug/l	100
36) 1,1-Dichloropropene	8.08	75	63770	23.36	ug/l	99
37) Ethyl Acetate	7.26	43	23639	23.31	ug/l	100
38) Carbon Tetrachloride	8.07	117	66568	22.25	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78968	21.76	ug/l	98
40) Benzene	8.32	78	173835	23.22	ug/l	100
41) Methacrylonitrile	7.49	41	13239	21.65	ug/l	94
42) 1,2-Dichloroethane	8.40	62	51458	23.39	ug/l	99
43) Isopropyl Acetate	8.43	43	44368	21.40	ug/l	98
44) Trichloroethene	9.09	130	54474	23.71	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41135	22.96	ug/l	99
46) Dibromomethane	9.46	93	23982	23.48	ug/l	98
47) Bromodichloromethane	9.65	83	54841	22.15	ug/l	98
48) Methyl methacrylate	9.44	41	21386	21.76	ug/l	95
49) 1,4-Dioxane	9.48	88	7196	457.74	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	119994	115.50	ug/l	98
52) Toluene	10.39	92	115983	23.11	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53783	21.80	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	63268	22.35	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34802	24.35	ug/l	97
56) Ethyl methacrylate	10.65	69	39518	22.56	ug/l	96
57) 1,3-Dichloropropane	10.93	76	55958	23.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	82126	122.68	ug/l	98
59) 2-Hexanone	10.98	43	90225	121.66	ug/l	98
60) Dibromochloromethane	11.13	129	40021	22.48	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34203	23.95	ug/l	100
64) Tetrachloroethene	10.87	164	49619	23.55	ug/l	95
65) Chlorobenzene	11.66	112	138810	23.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47703	23.10	ug/l	100
67) Ethyl Benzene	11.73	91	233176	23.16	ug/l	100
68) m/p-Xylenes	11.84	106	185944	46.72	ug/l	99
69) o-Xylene	12.17	106	86631	22.84	ug/l	99
70) Styrene	12.18	104	140865	22.84	ug/l	99
71) Bromoform	12.35	173	24939	21.66	ug/l #	99
73) Isopropylbenzene	12.47	105	245508	22.51	ug/l	99
74) N-amyl acetate	12.28	43	43578	20.57	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	39592	23.86	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49358	41.85	ug/l #	100
77) Bromobenzene	12.75	156	62216	23.29	ug/l	97
78) n-propylbenzene	12.81	91	288667	22.75	ug/l	99
79) 2-Chlorotoluene	12.90	91	161523	22.65	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	204732	22.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	10223	20.72	ug/l	97
82) 4-Chlorotoluene	12.99	91	170490	22.83	ug/l	100
83) tert-Butylbenzene	13.21	119	185456	22.54	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	210344	22.60	ug/l	100
85) sec-Butylbenzene	13.39	105	266484	22.93	ug/l	100
86) p-Isopropyltoluene	13.51	119	241420	22.96	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125202	23.55	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	123628	23.35	ug/l	100
89) n-Butylbenzene	13.83	91	218057	22.68	ug/l	99
90) Hexachloroethane	14.10	117	38199	21.45	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	110017	23.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6375	21.46	ug/l	94

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QLast Update : Thu Oct 18 17:01:24 2018
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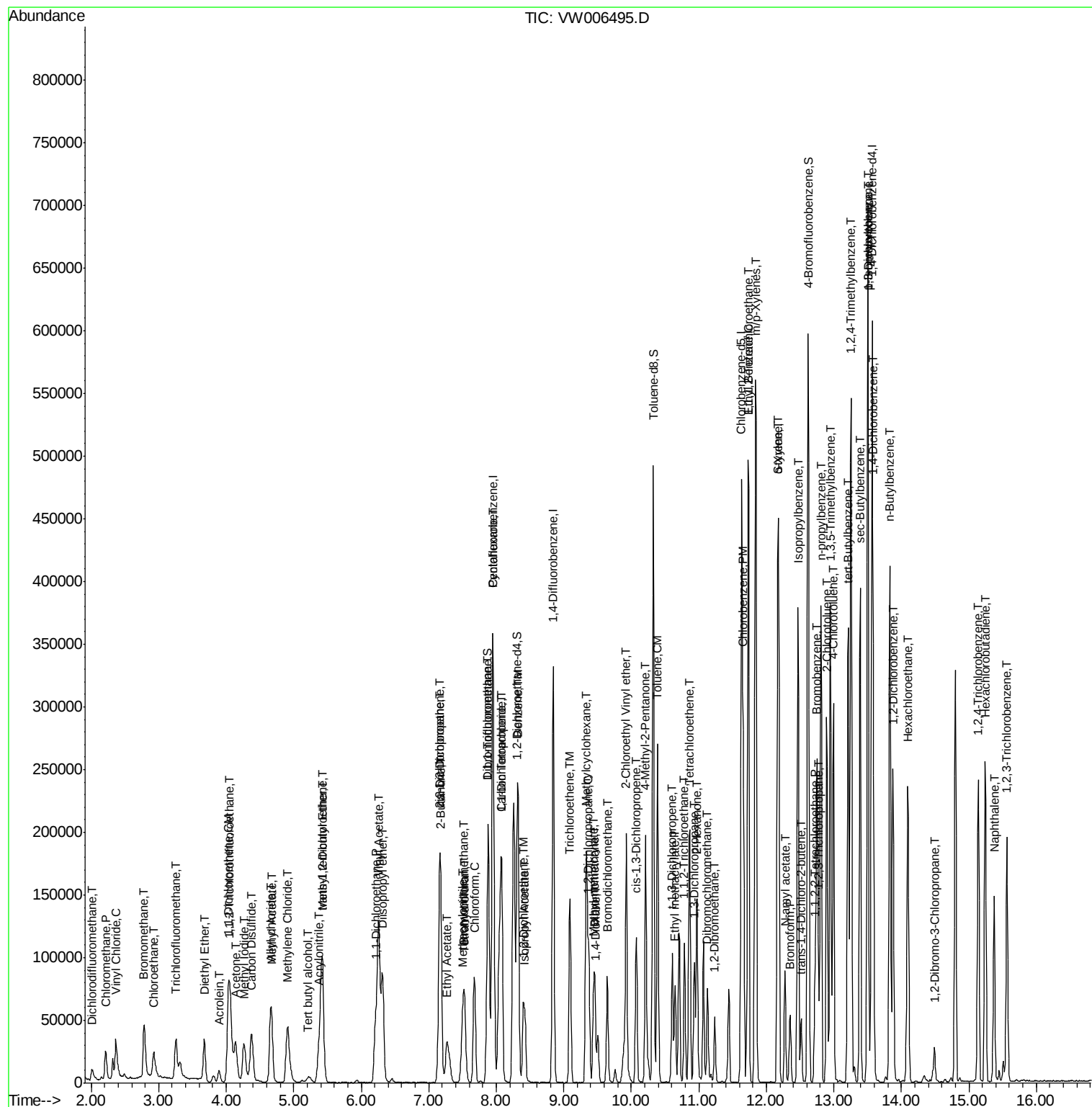
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	85032	23.30	ug/l	100
94) Hexachlorobutadiene	15.24	225	53753	23.45	ug/l	100
95) Naphthalene	15.38	128	134217	22.11	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74036	23.45	ug/l	100

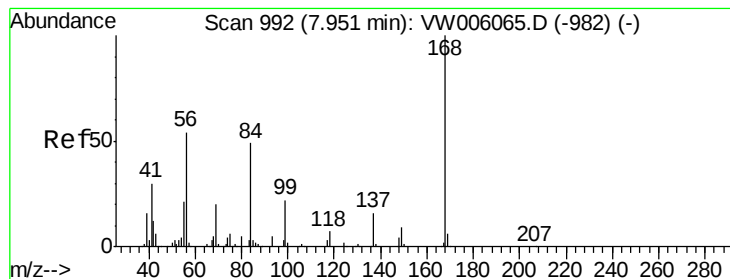
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

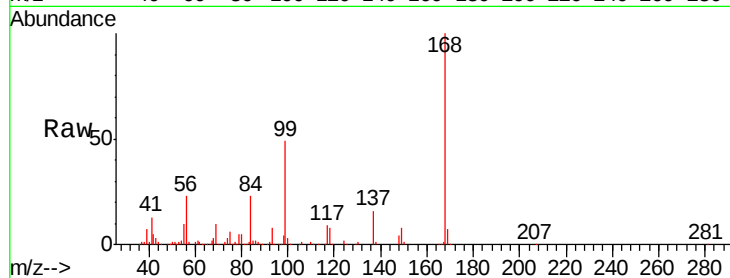
VW1031SBS02

Tgt Ion:168 Resp: 212741

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

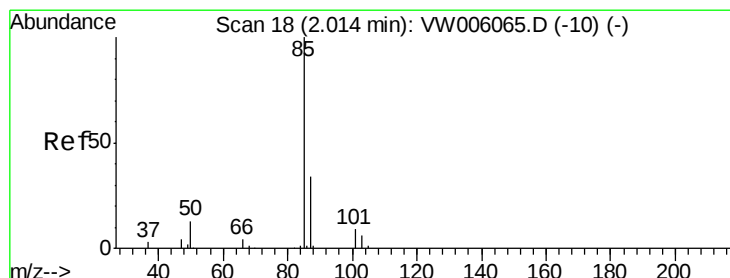
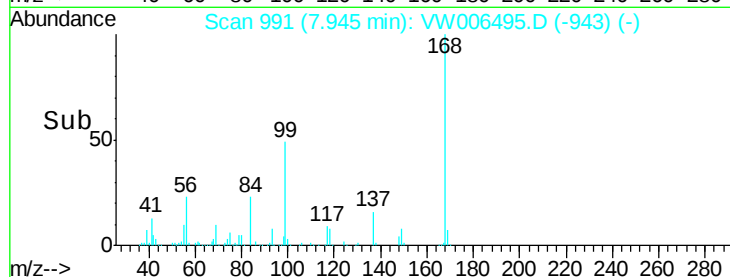
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.28 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006495.D

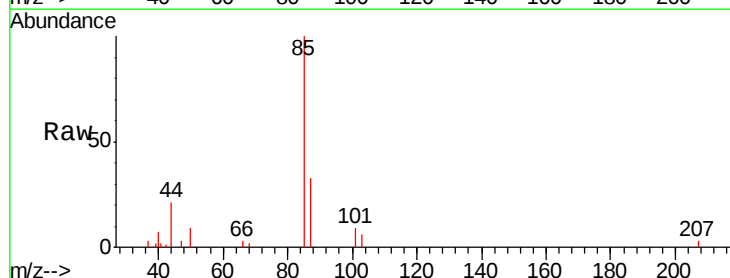
Acq: 30 Oct 2018 12:25

Tgt Ion: 85 Resp: 19245

Ion Ratio Lower Upper

85 100

87 32.5 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

2000

1000

0

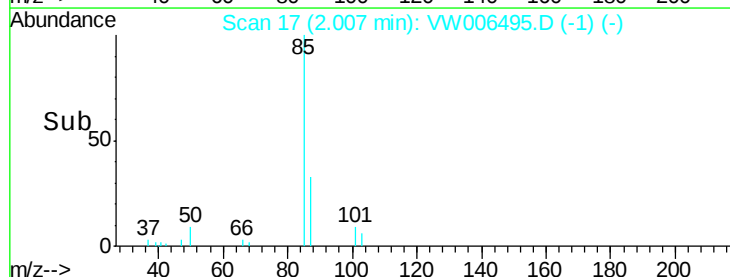
1.90

2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.76 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

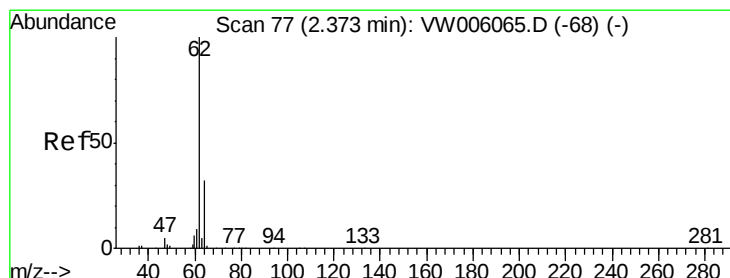
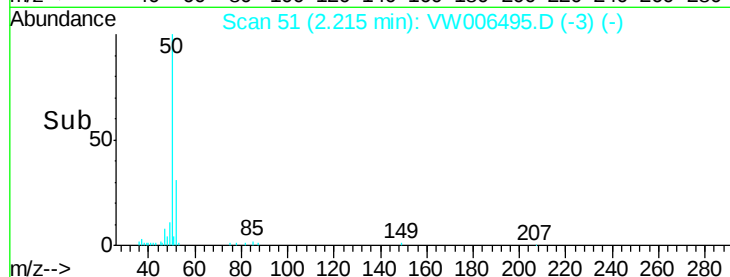
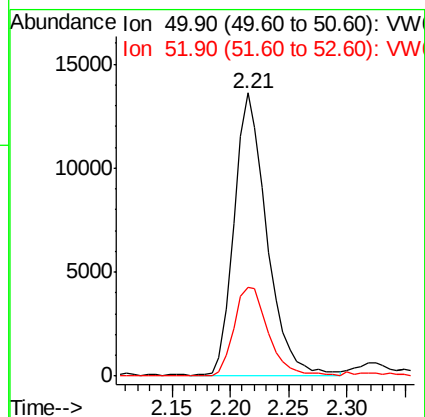
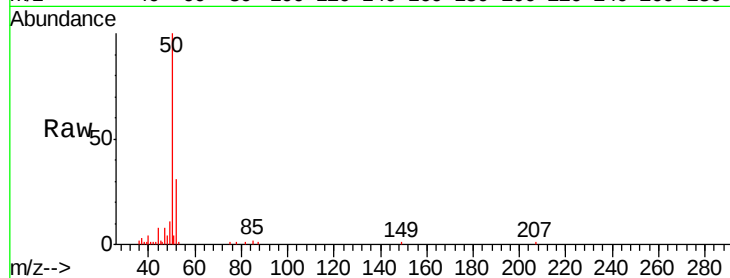
VW1031SBSD02

Tgt Ion: 50 Resp: 26783

Ion Ratio Lower Upper

50 100

52 31.4 26.8 40.2



#4

Vinyl Chloride

Concen: 20.79 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006495.D

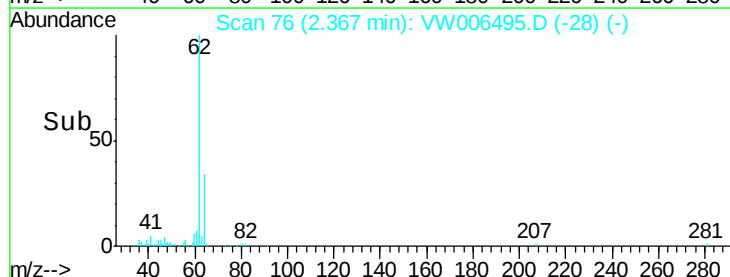
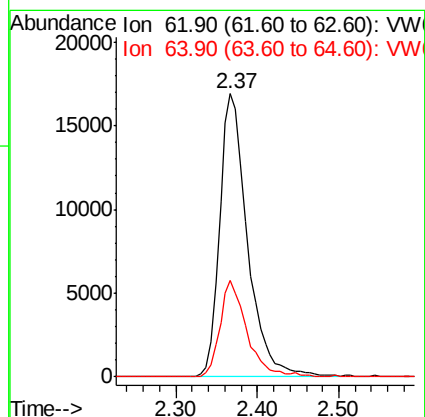
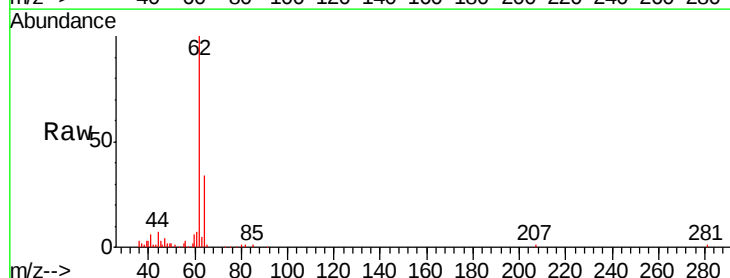
Acq: 30 Oct 2018 12:25

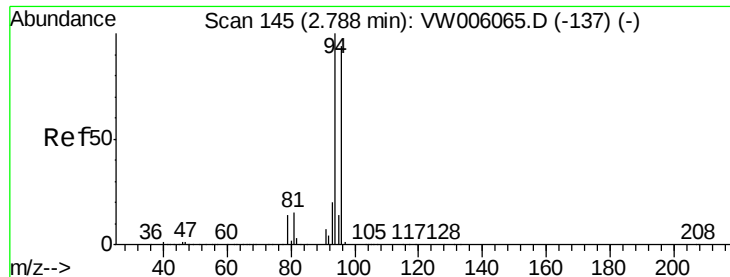
Tgt Ion: 62 Resp: 40240

Ion Ratio Lower Upper

62 100

64 34.3 25.9 38.9





#5

Bromomethane

Concen: 20.02 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

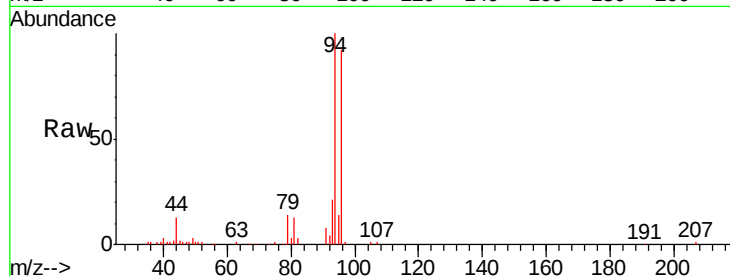
VW1031SBSD02

Tgt Ion: 94 Resp: 35245

Ion Ratio Lower Upper

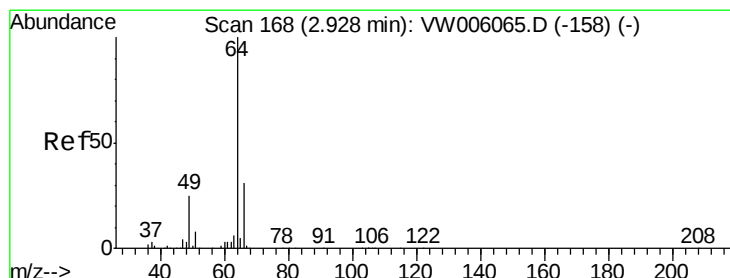
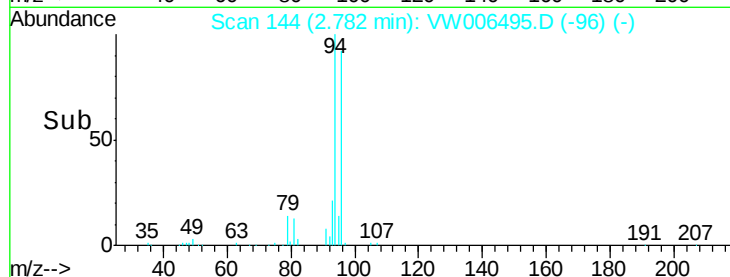
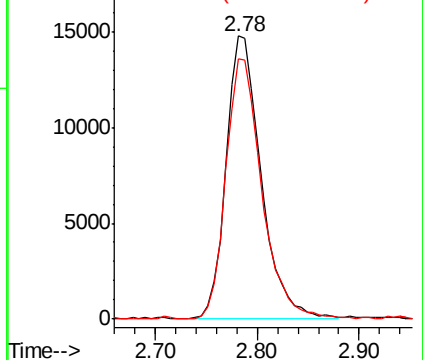
94 100

96 91.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.40 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006495.D

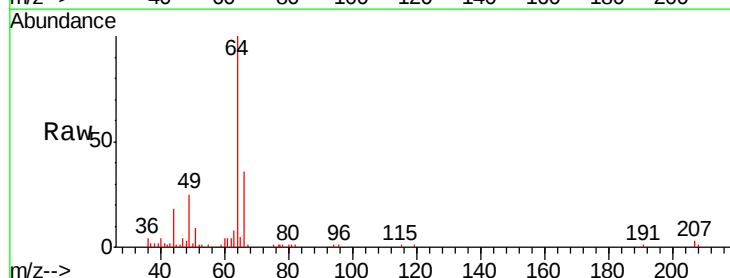
Acq: 30 Oct 2018 12:25

Tgt Ion: 64 Resp: 29678

Ion Ratio Lower Upper

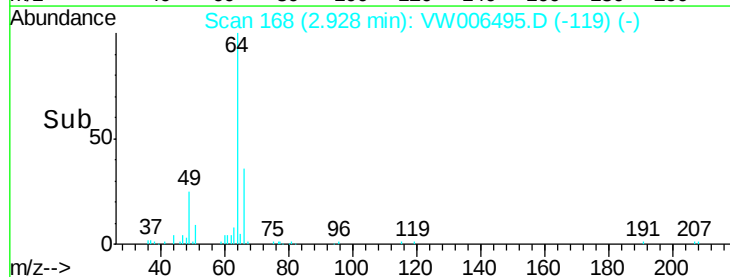
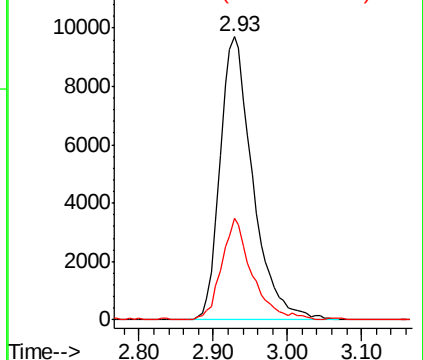
64 100

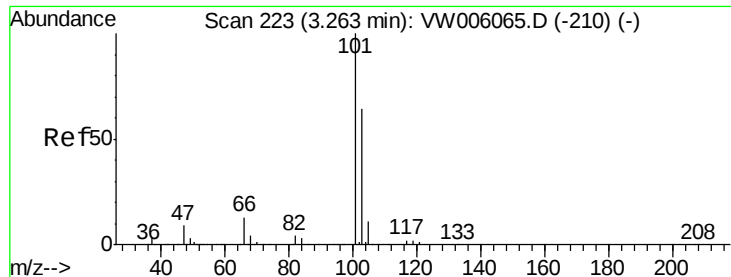
66 36.0 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

Trichlorofluoromethane

Concen: 22.10 ug/l

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW006495.D

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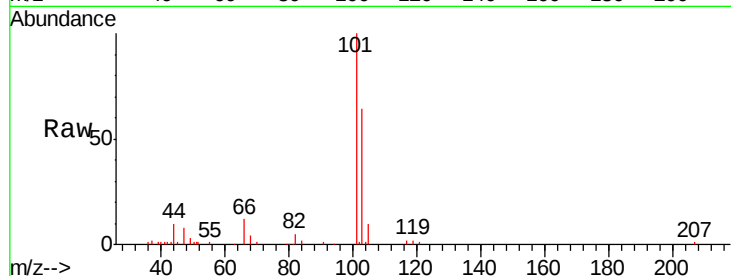
VW1031SBSD02

Tgt Ion:101 Resp: 39852

Ion Ratio Lower Upper

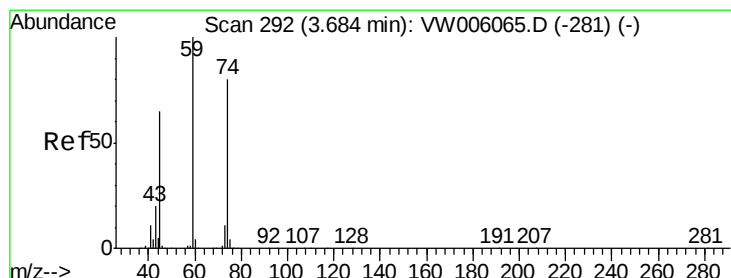
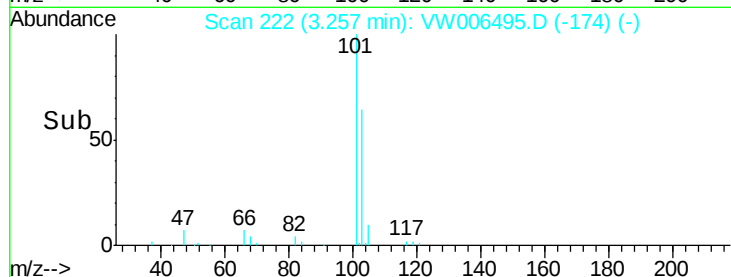
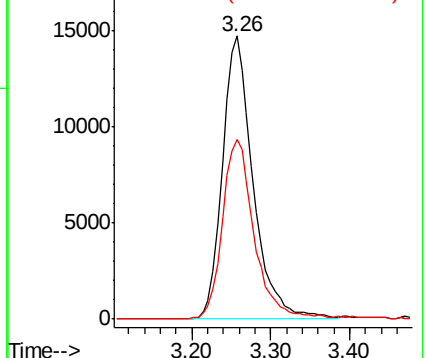
101 100

103 63.6 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.12 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006495.D

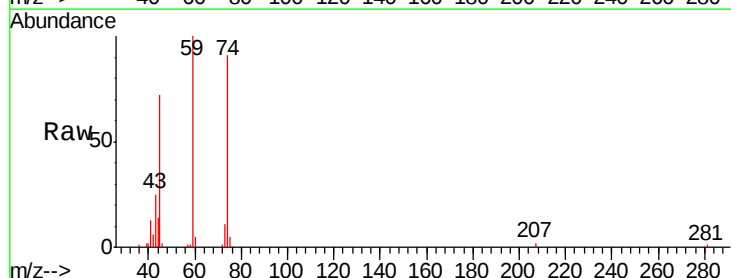
Acq: 30 Oct 2018 12:25

Tgt Ion: 74 Resp: 20234

Ion Ratio Lower Upper

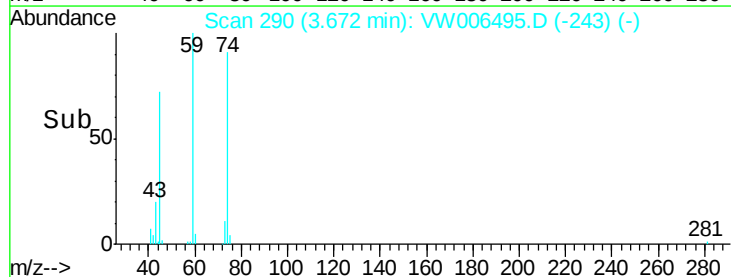
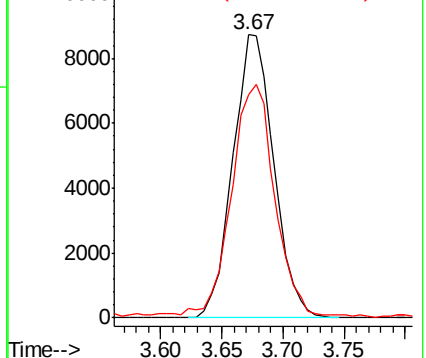
74 100

45 84.9 42.8 128.3



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: 22.26 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

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VW1031SBS02

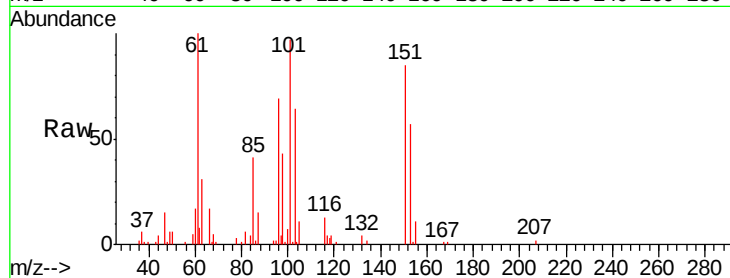
Tgt Ion:101 Resp: 42062

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

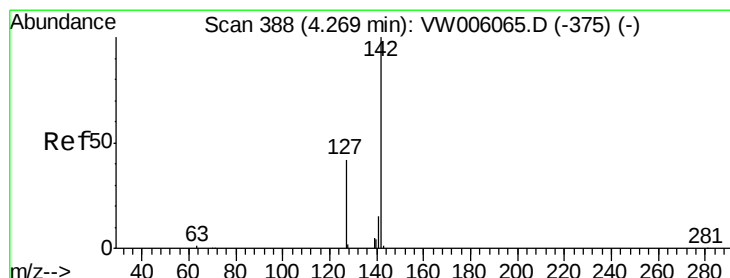
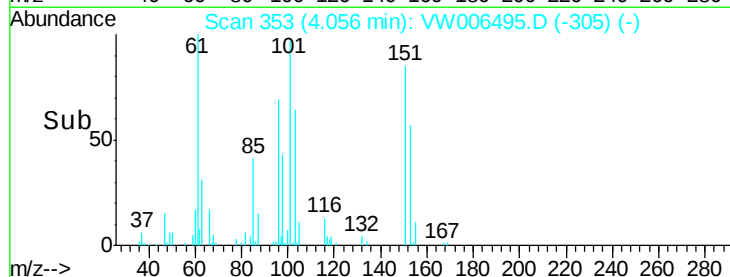
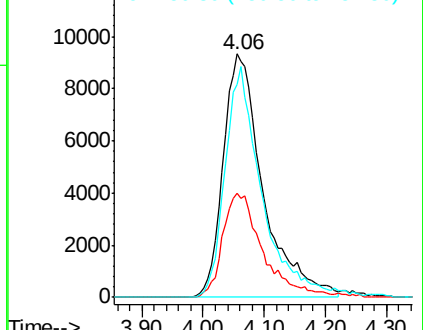
151 86.6 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.31 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

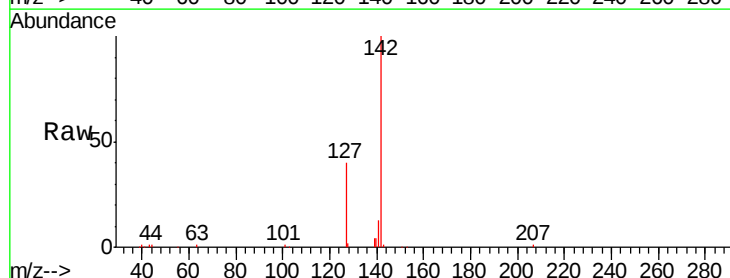
Tgt Ion:142 Resp: 67017

Ion Ratio Lower Upper

142 100

127 41.0 33.6 50.4

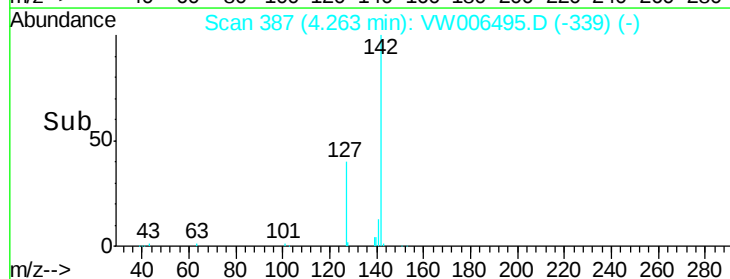
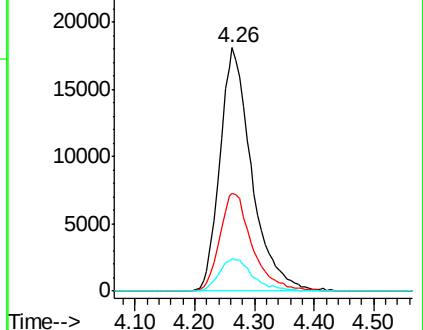
141 13.9 11.6 17.4

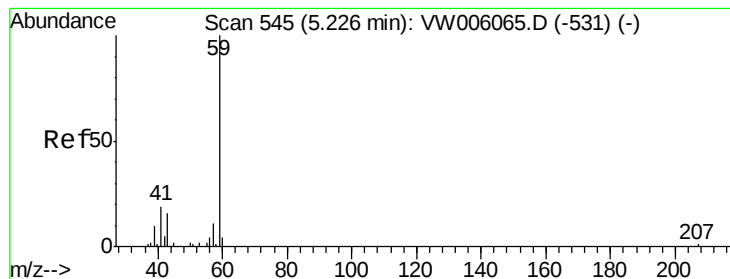


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.85 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

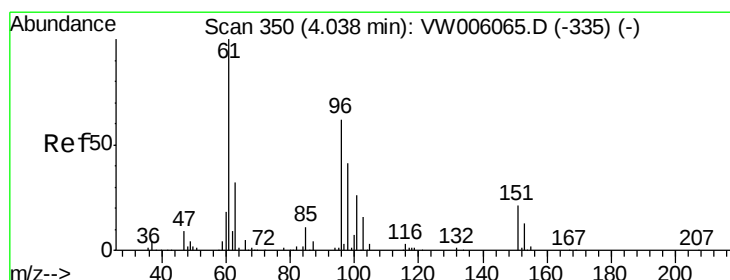
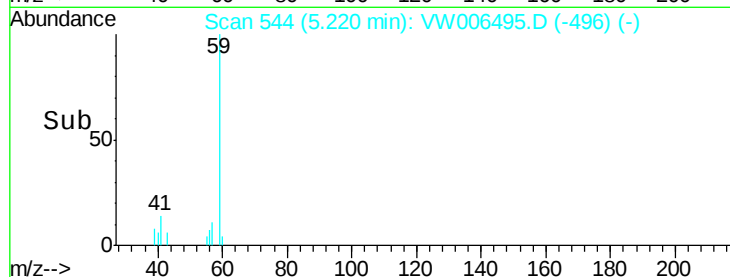
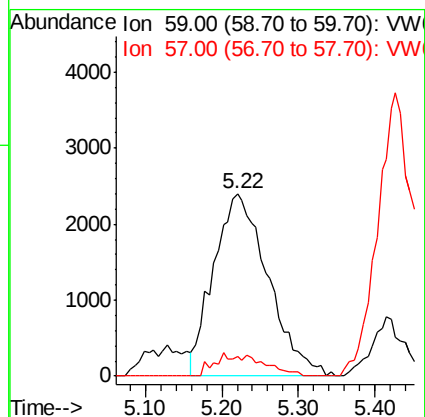
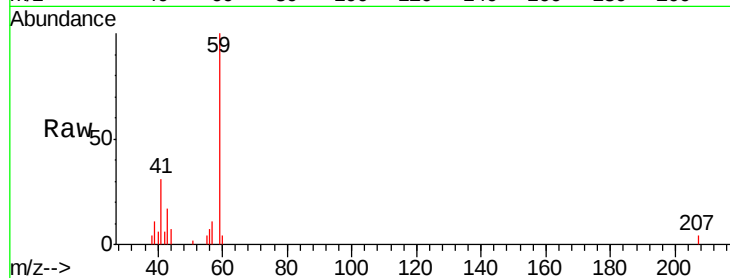
VW1031SBS02

Tgt Ion: 59 Resp: 11844

Ion Ratio Lower Upper

59 100

57 4.2 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 22.20 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

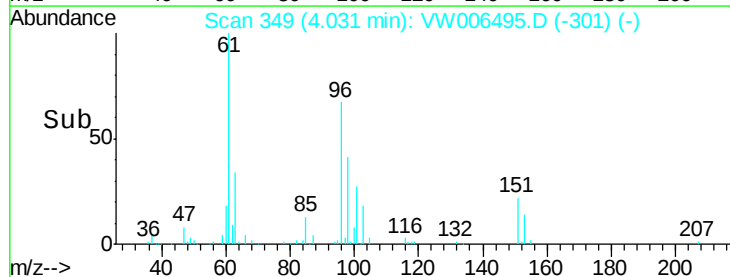
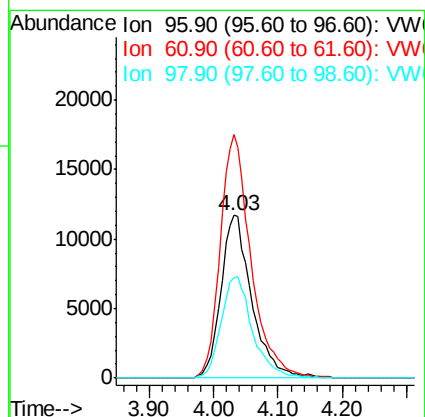
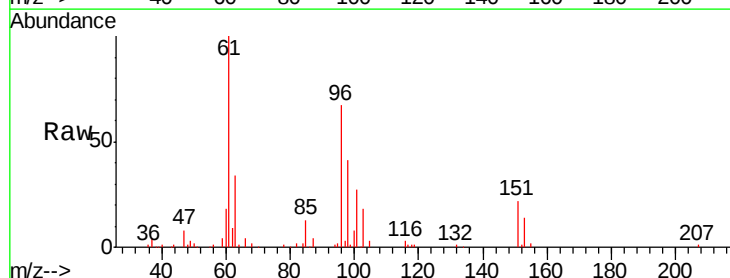
Tgt Ion: 96 Resp: 39458

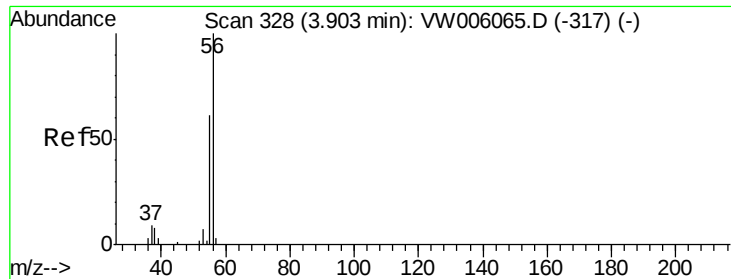
Ion Ratio Lower Upper

96 100

61 149.6 129.3 193.9

98 61.9 53.1 79.7





#13

Acrolein

Concen: 106.37 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

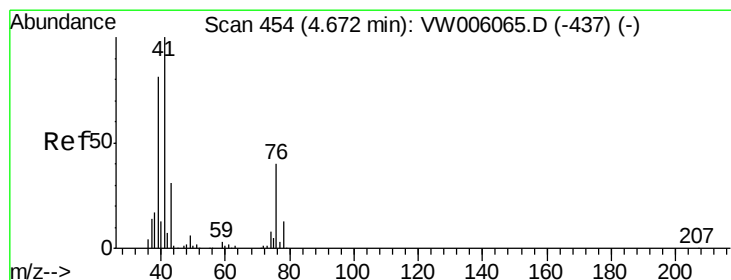
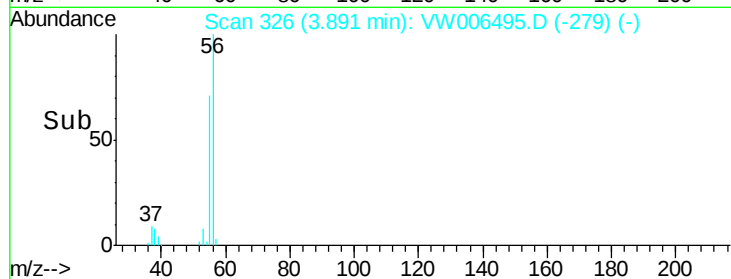
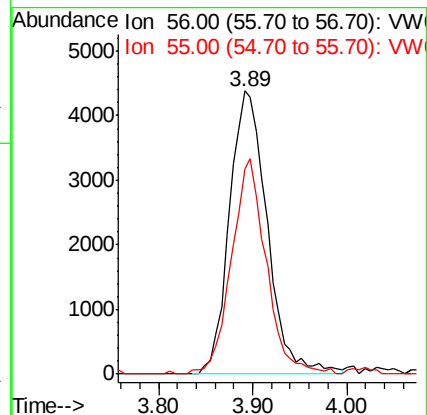
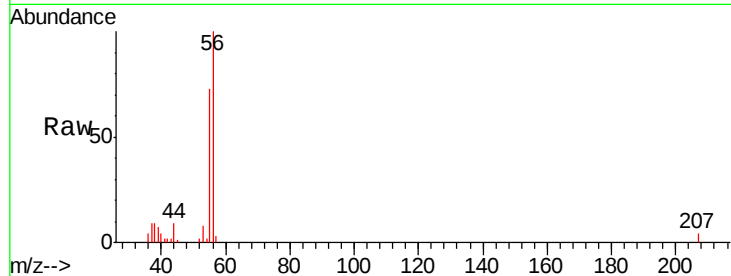
VW1031SBSD02

Tgt Ion: 56 Resp: 12209

Ion Ratio Lower Upper

56 100

55 70.4 54.5 81.7



#14

Allyl chloride

Concen: 20.12 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

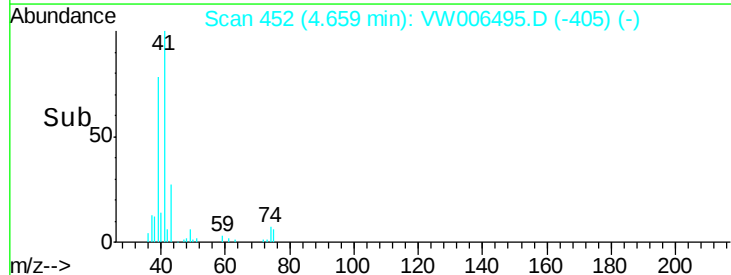
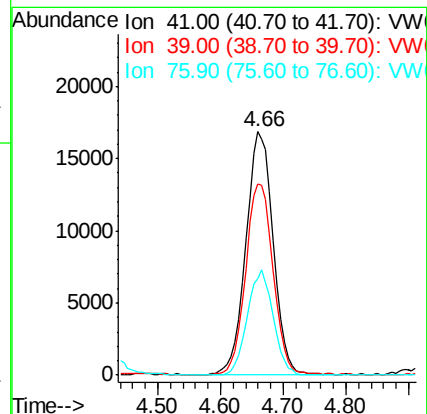
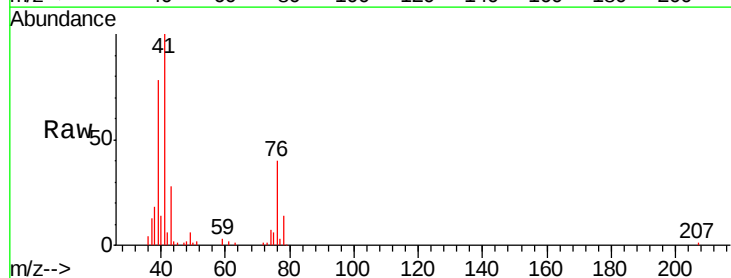
Tgt Ion: 41 Resp: 51125

Ion Ratio Lower Upper

41 100

39 78.8 64.1 96.1

76 40.6 32.2 48.4





#15

Acrylonitrile

Concen: 115.06 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBSD02

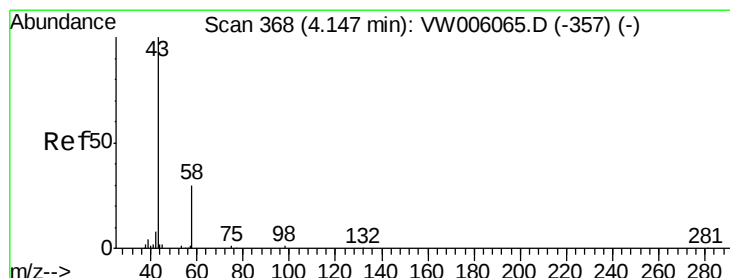
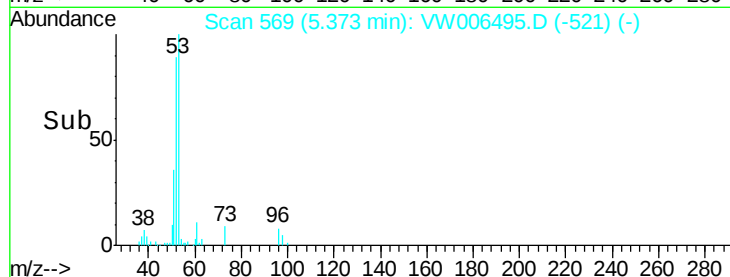
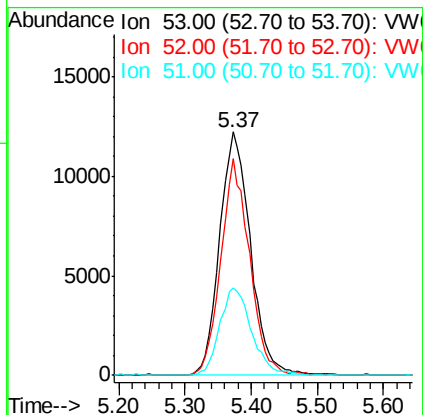
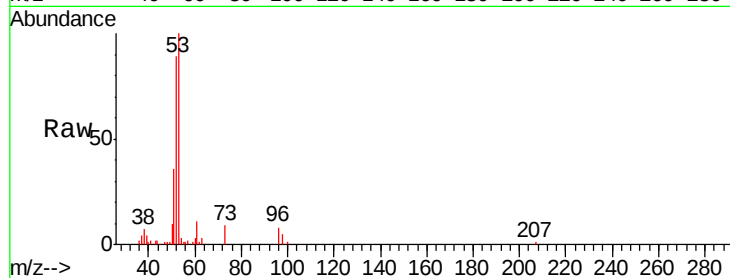
Tgt Ion: 53 Resp: 39541

Ion Ratio Lower Upper

53 100

52 82.3 66.9 100.3

51 37.2 30.1 45.1



#16

Acetone

Concen: 135.87 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006495.D

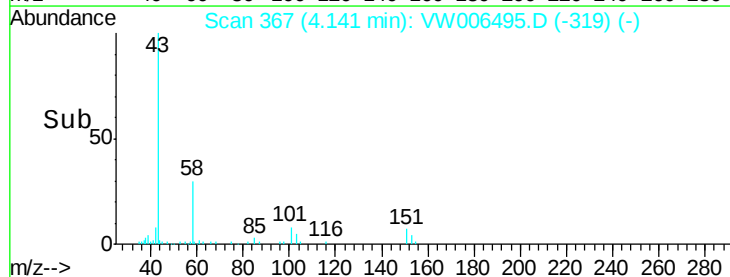
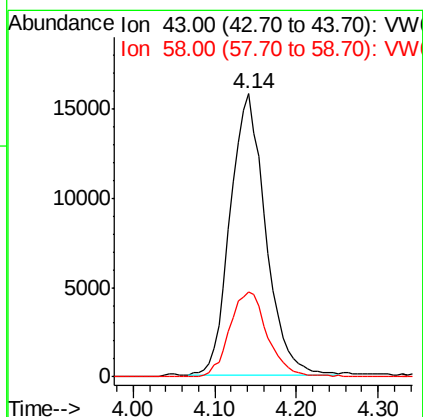
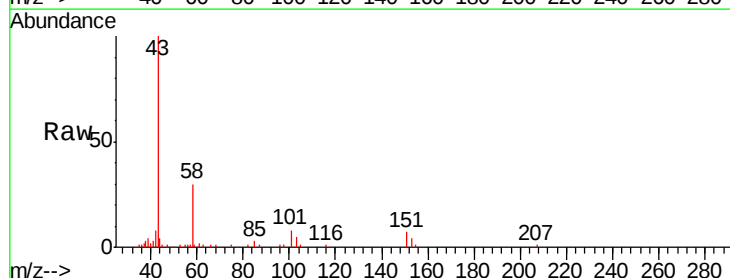
Acq: 30 Oct 2018 12:25

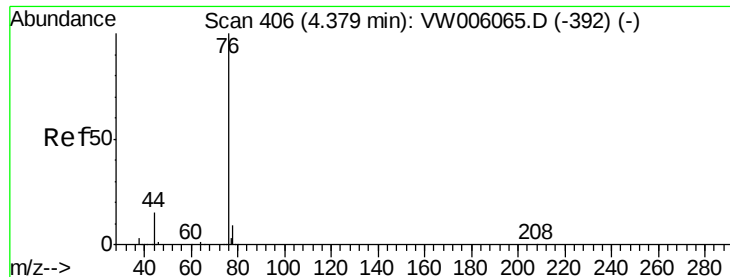
Tgt Ion: 43 Resp: 47194

Ion Ratio Lower Upper

43 100

58 30.2 24.0 36.0





#17

Carbon Disulfide

Concen: 18.00 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

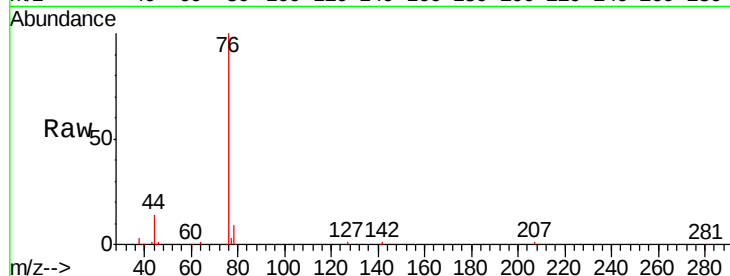
VW1031SBSD02

Tgt Ion: 76 Resp: 96559

Ion Ratio Lower Upper

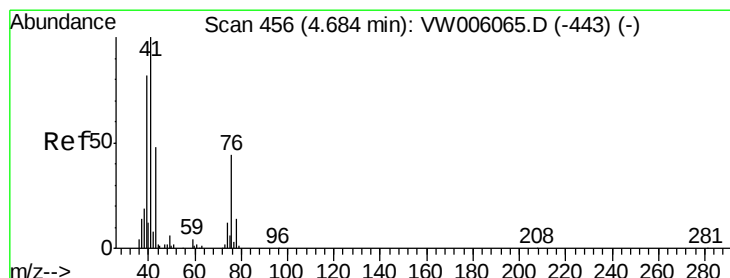
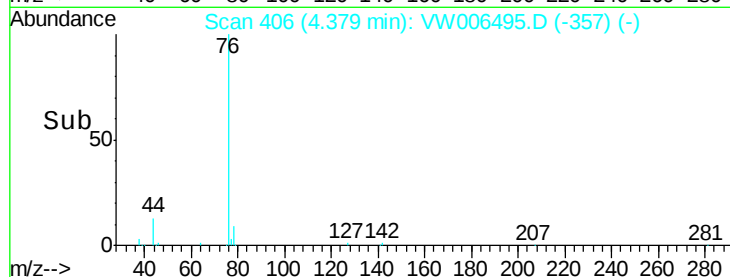
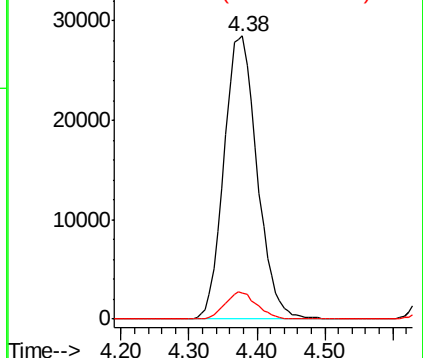
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 22.83 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW006495.D

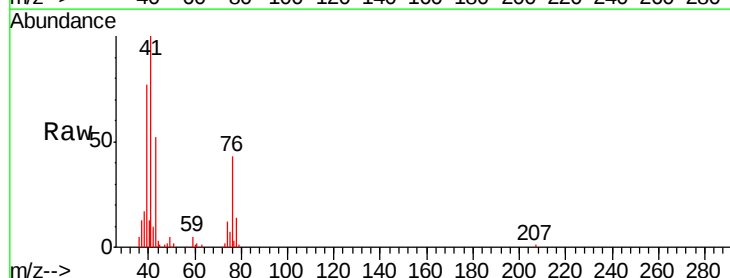
Acq: 30 Oct 2018 12:25

Tgt Ion: 43 Resp: 20264

Ion Ratio Lower Upper

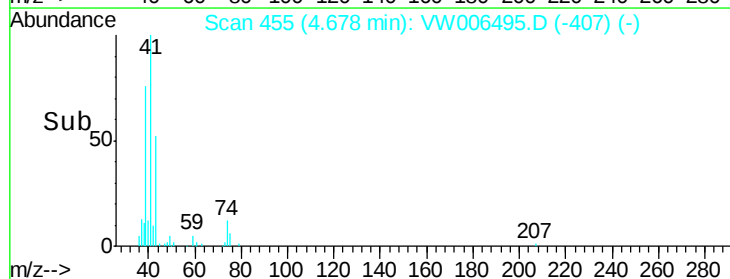
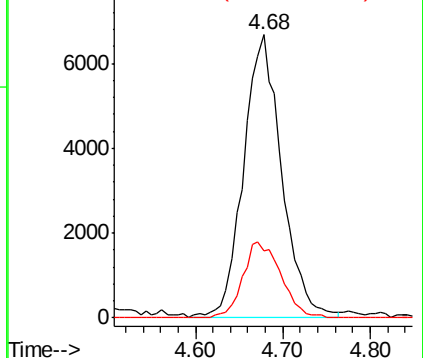
43 100

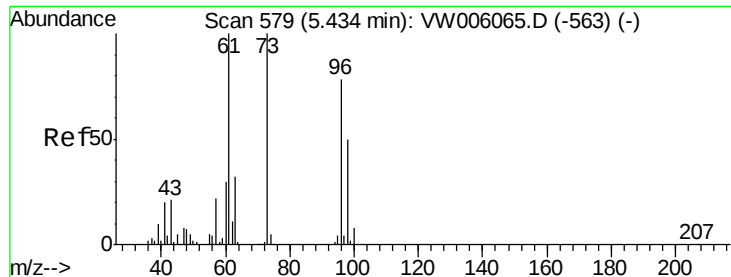
74 26.8 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 21.20 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

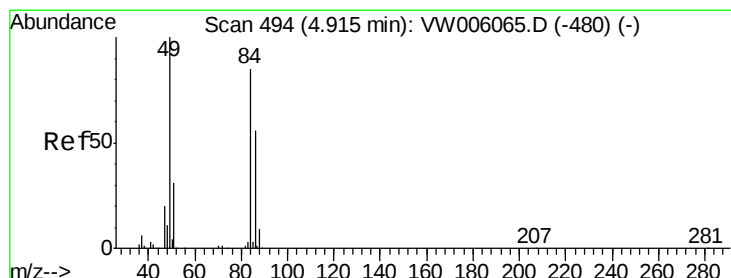
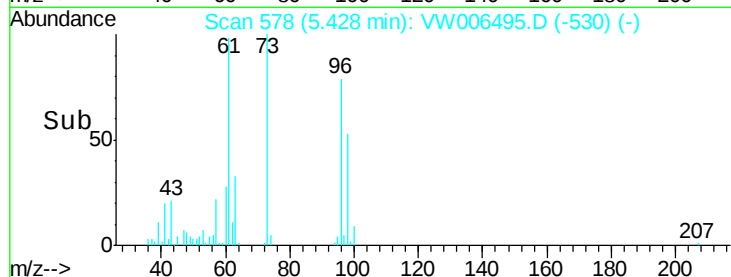
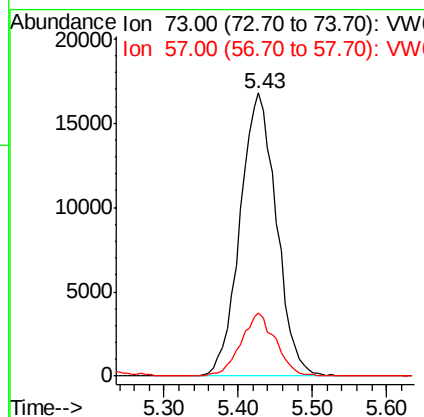
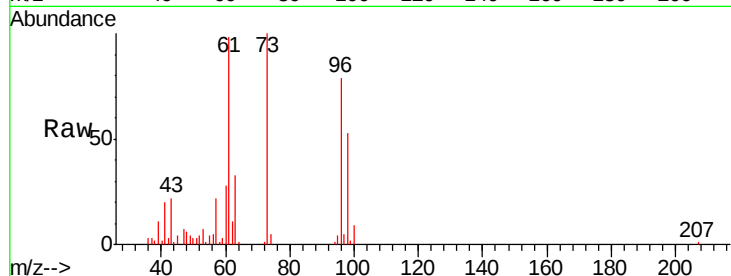
VW1031SBS02

Tgt Ion: 73 Resp: 57400

Ion Ratio Lower Upper

73 100

57 22.2 17.4 26.2



#20

Methylene Chloride

Concen: 22.65 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Tgt Ion: 84 Resp: 43923

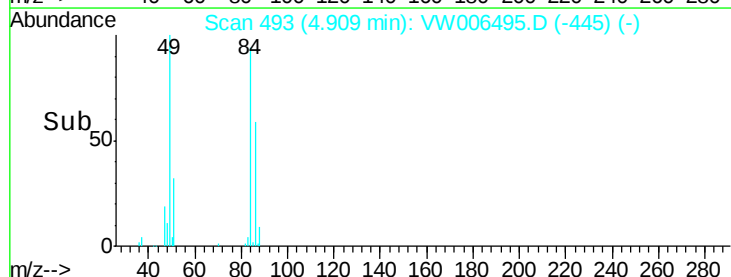
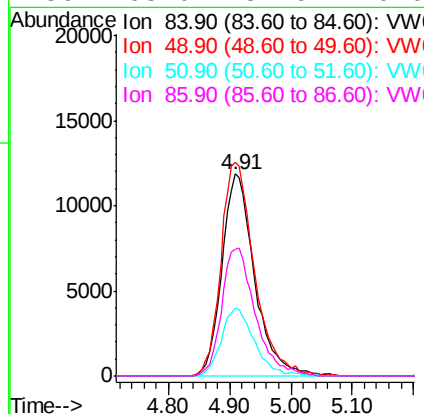
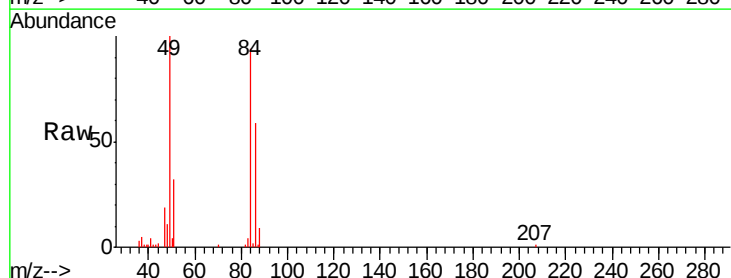
Ion Ratio Lower Upper

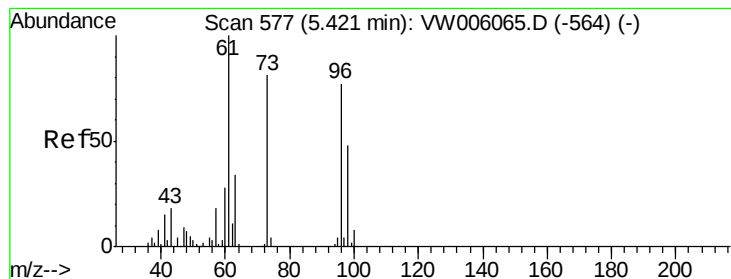
84 100

49 105.9 93.6 140.4

51 33.5 29.0 43.4

86 63.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 22.23 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBSD02

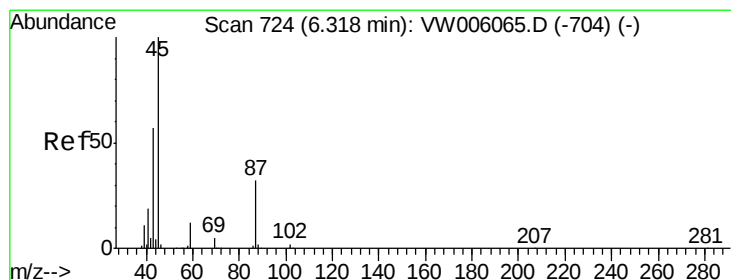
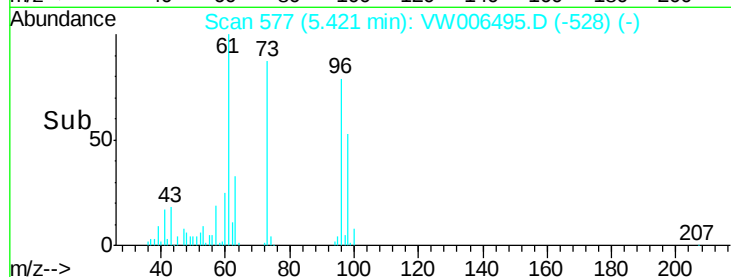
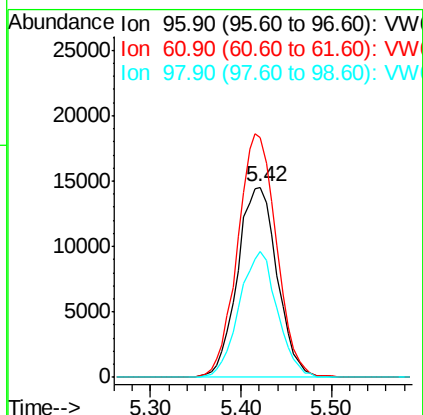
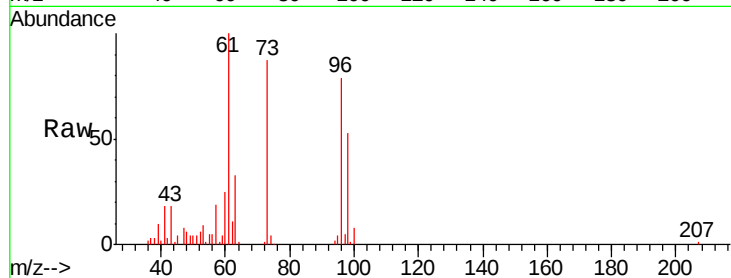
Tgt Ion: 96 Resp: 44102

Ion Ratio Lower Upper

96 100

61 126.4 104.5 156.7

98 66.5 50.6 75.8



#22

Diisopropyl ether

Concen: 21.04 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Tgt Ion: 45 Resp: 105655

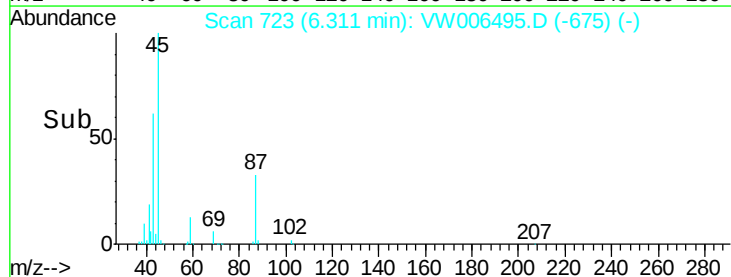
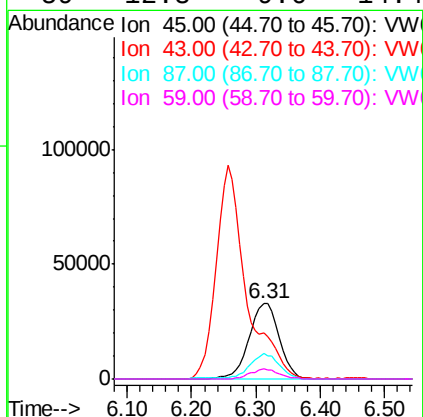
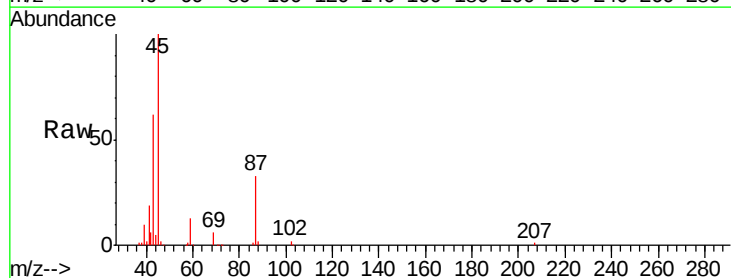
Ion Ratio Lower Upper

45 100

43 61.1 45.7 68.5

87 33.5 25.9 38.9

59 12.8 9.6 14.4





#23

Vinyl Acetate

Concen: 103.00 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

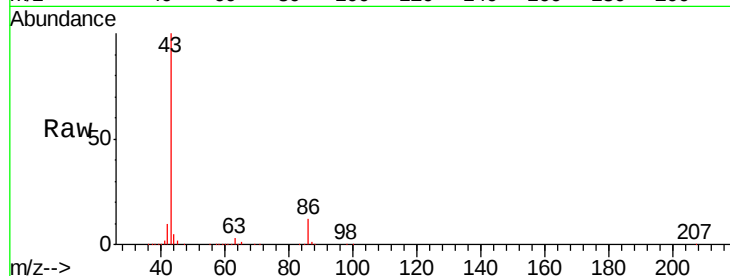
VW1031SBSD02

Tgt Ion: 43 Resp: 305303

Ion Ratio Lower Upper

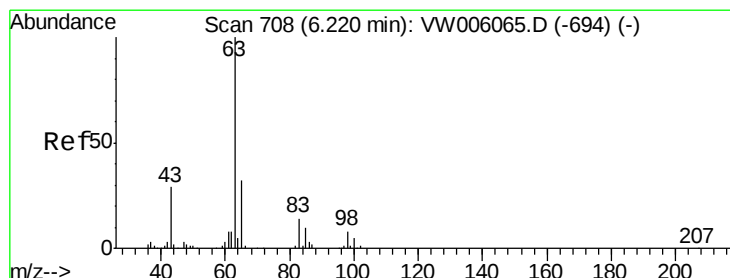
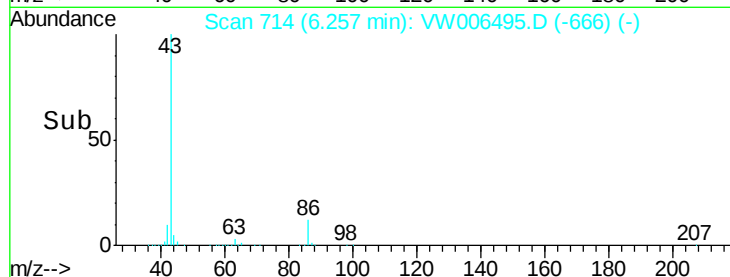
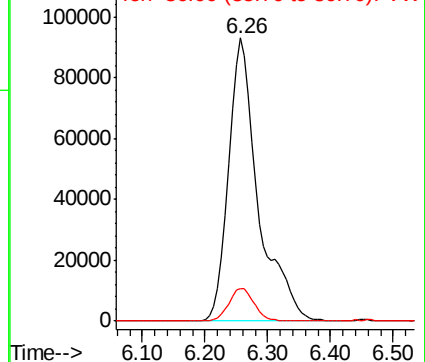
43 100

86 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.96 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

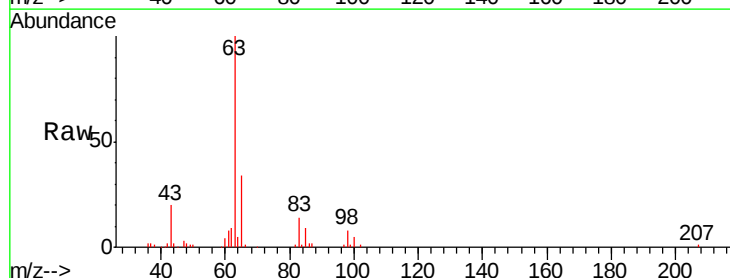
Tgt Ion: 63 Resp: 71162

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

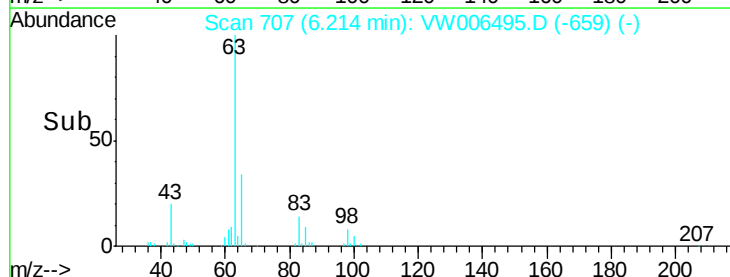
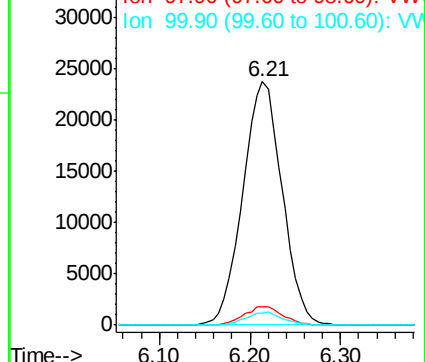
100 5.1 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 125.69 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

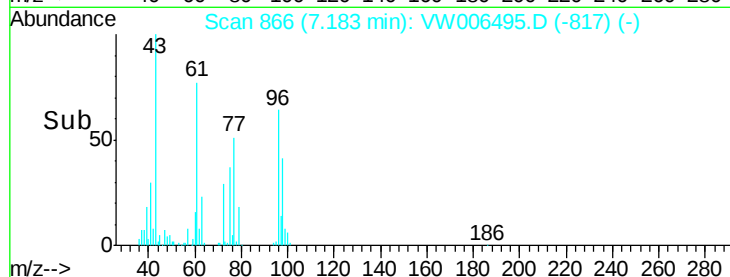
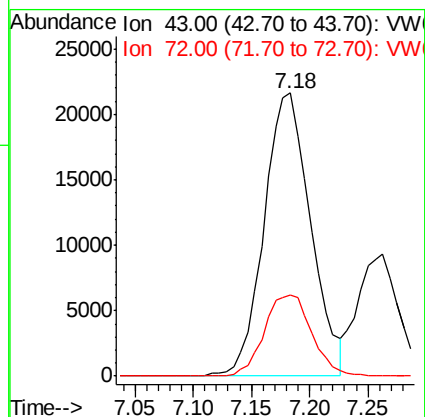
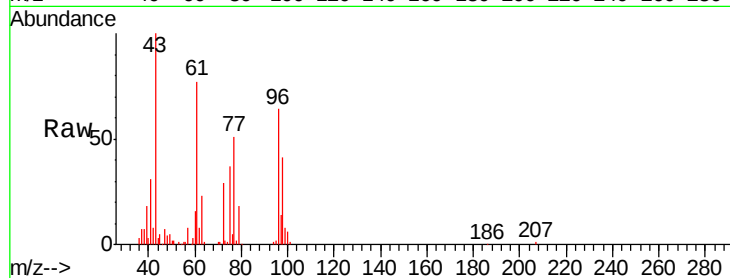
VW1031SBS02

Tgt Ion: 43 Resp: 59889

Ion Ratio Lower Upper

43 100

72 28.6 22.8 34.2



#26

2,2-Dichloropropane

Concen: 21.70 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006495.D

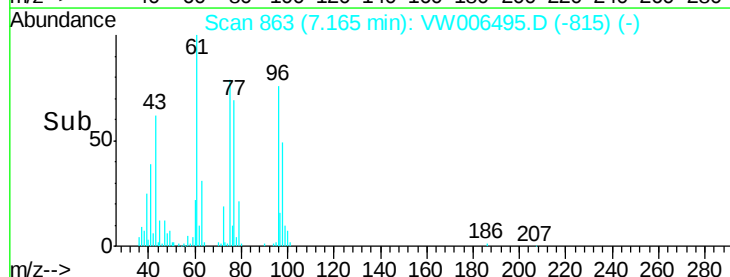
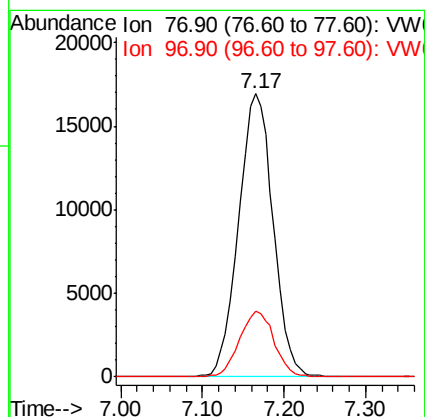
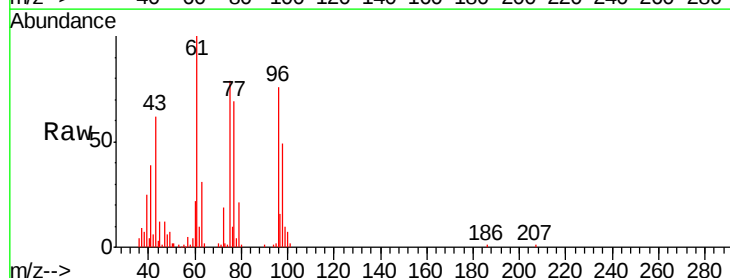
Acq: 30 Oct 2018 12:25

Tgt Ion: 77 Resp: 49611

Ion Ratio Lower Upper

77 100

97 23.1 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 22.74 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

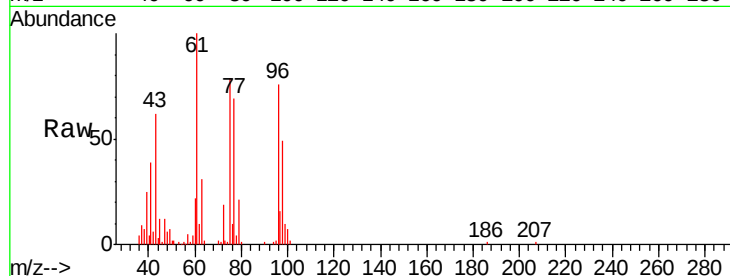
Tgt Ion: 96 Resp: 49795

Ion Ratio Lower Upper

96 100

61 131.1 0.0 267.2

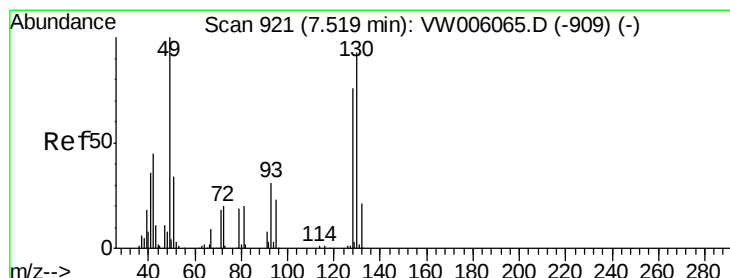
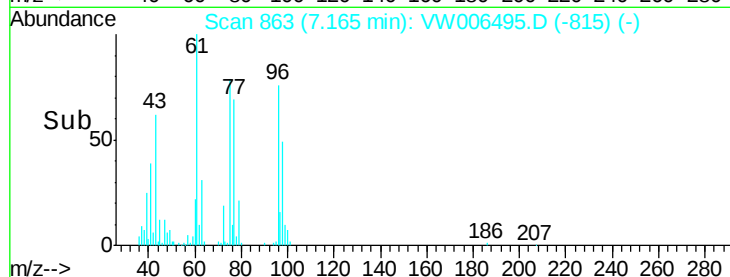
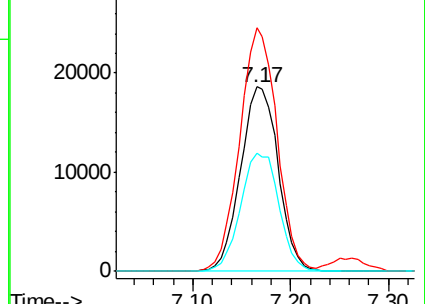
98 65.2 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 19.93 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

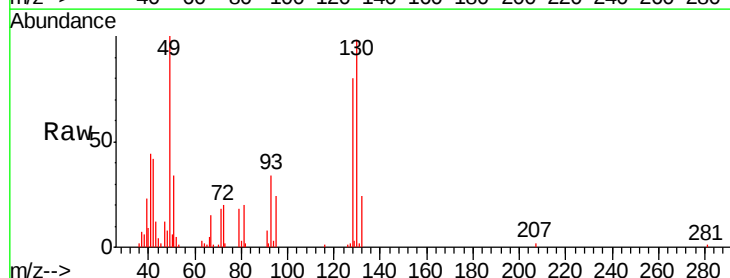
Tgt Ion: 49 Resp: 24934

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

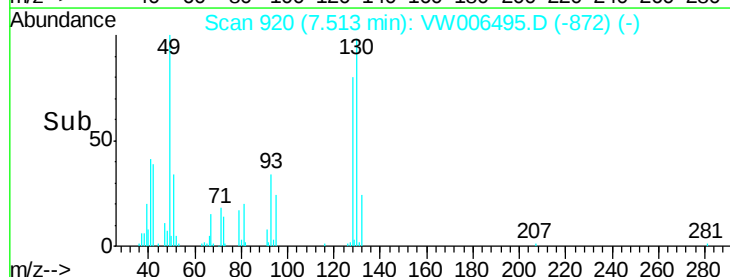
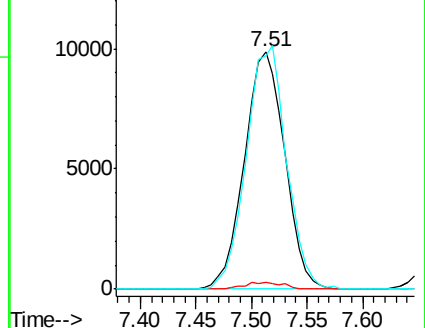
130 102.0 73.8 110.8



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: 108.45 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

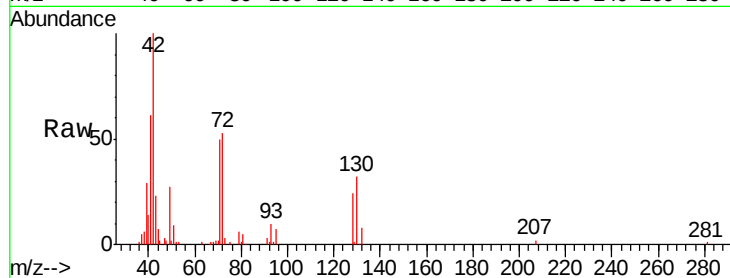
Tgt Ion: 42 Resp: 31762

Ion Ratio Lower Upper

42 100

72 50.0 38.0 57.0

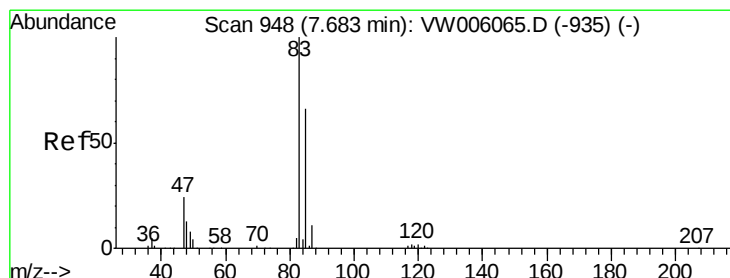
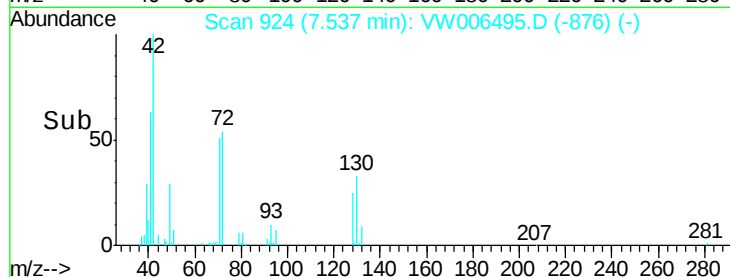
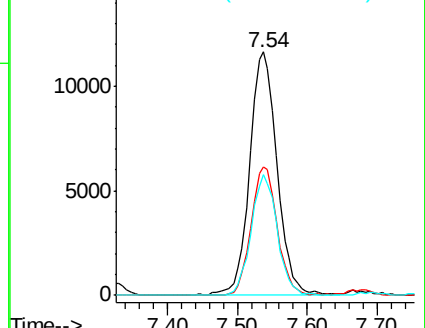
71 46.8 35.3 52.9



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 23.00 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006495.D

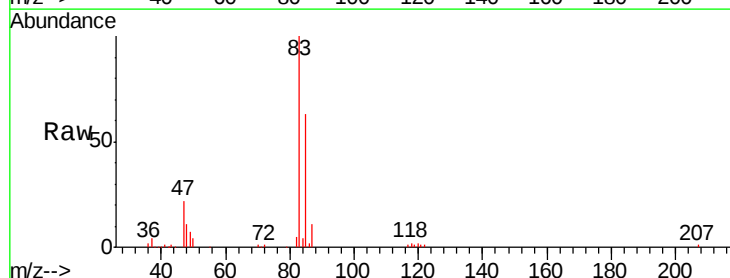
Acq: 30 Oct 2018 12:25

Tgt Ion: 83 Resp: 81206

Ion Ratio Lower Upper

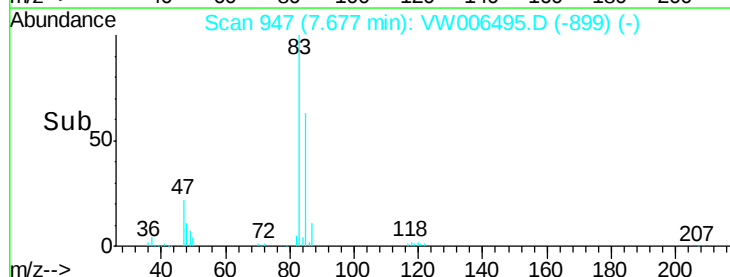
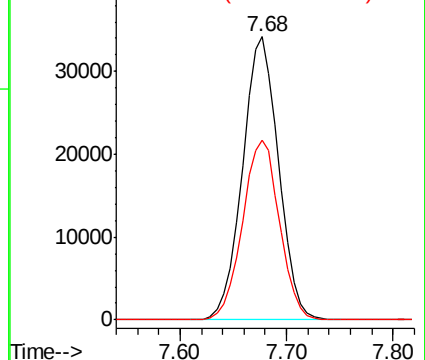
83 100

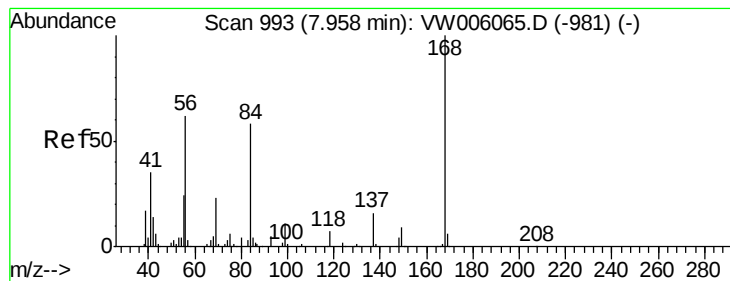
85 63.3 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 19.92 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

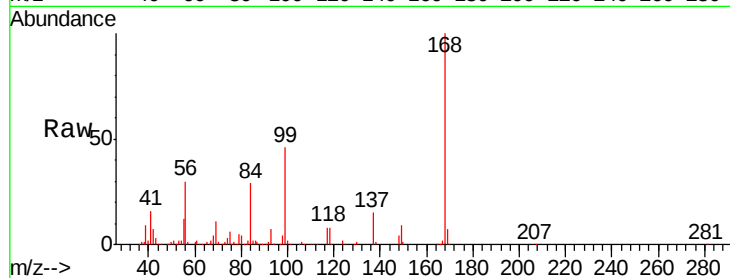
Tgt Ion: 56 Resp: 64295

Ion Ratio Lower Upper

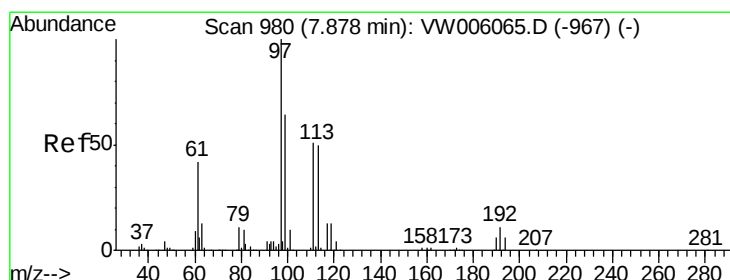
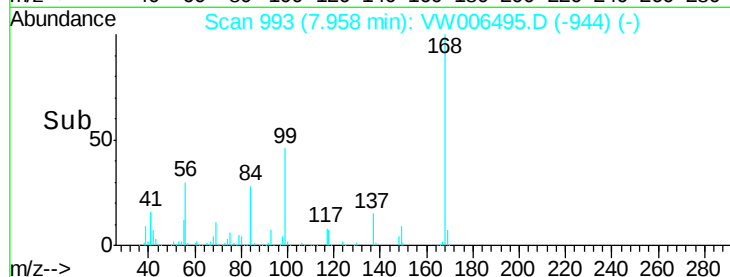
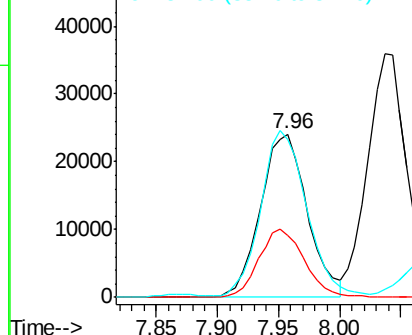
56 100

69 37.6 29.4 44.0

84 94.9 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 21.78 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

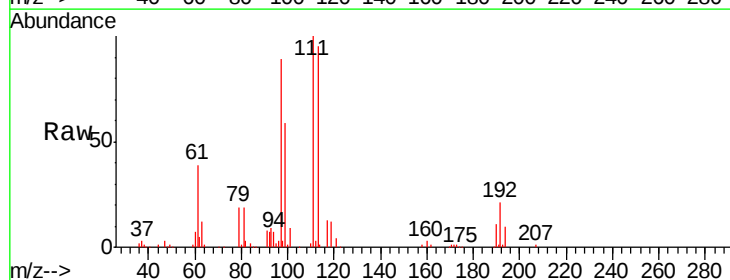
Tgt Ion: 97 Resp: 69369

Ion Ratio Lower Upper

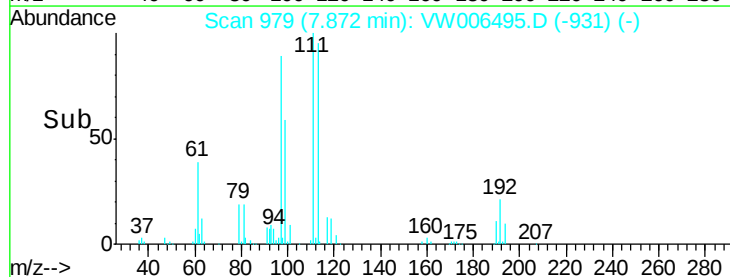
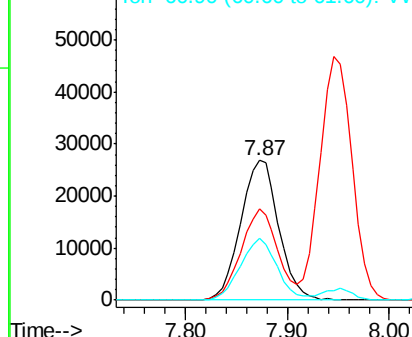
97 100

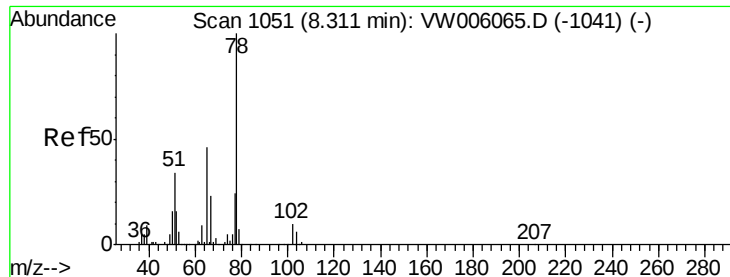
99 63.1 50.9 76.3

61 42.1 33.7 50.5



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

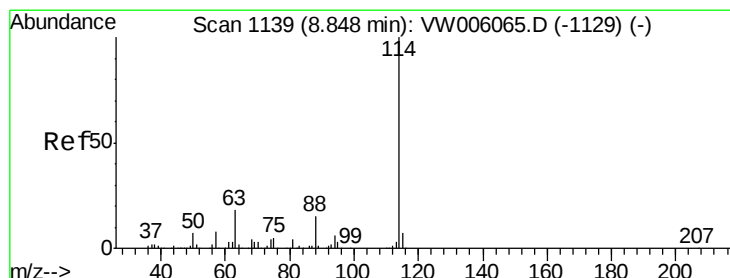
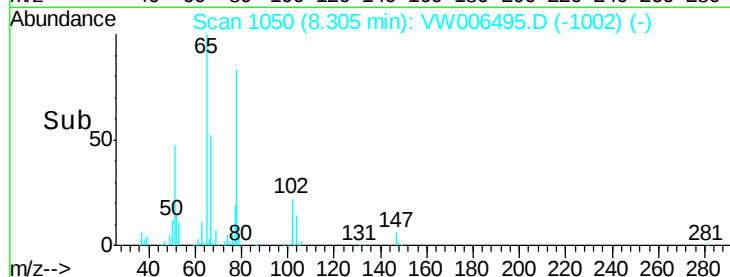
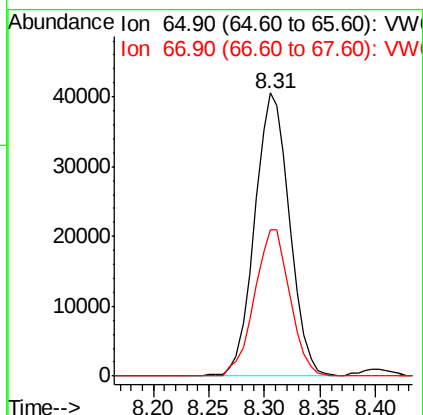
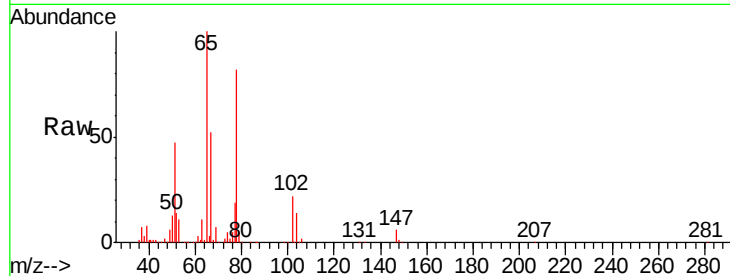




#33
 1,2-Dichloroethane-d4
 Concen: 50.09 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

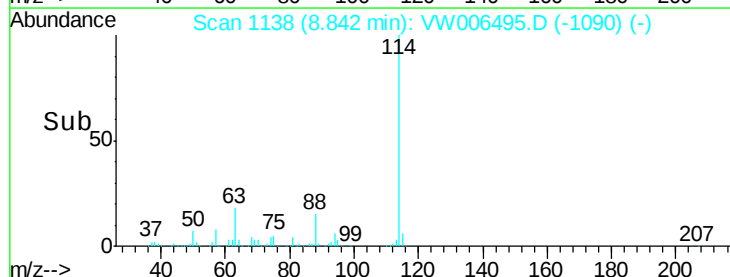
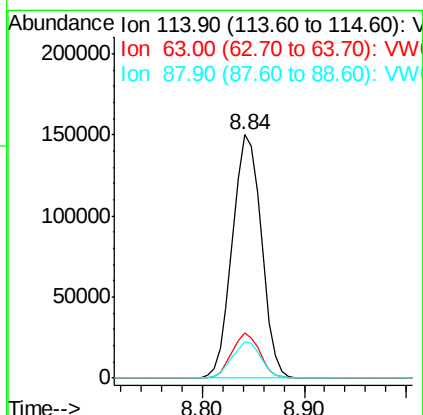
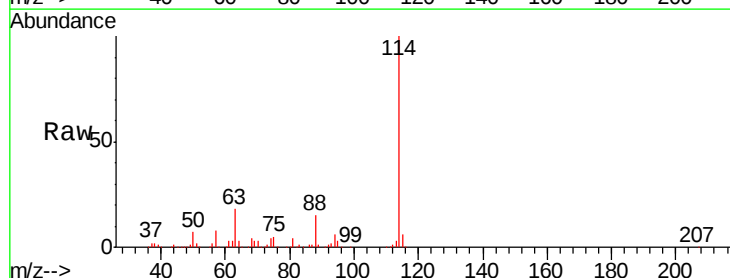
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBSD02

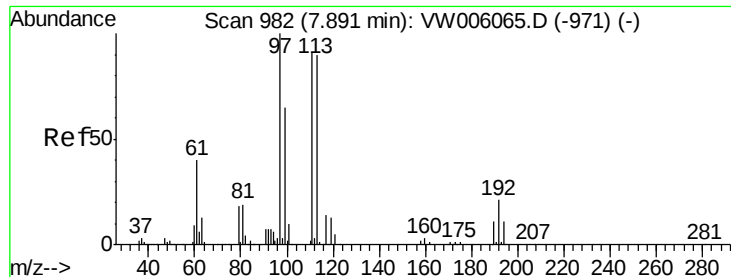
Tgt Ion: 65 Resp: 88346
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion: 114 Resp: 296142
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.30 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBSD02

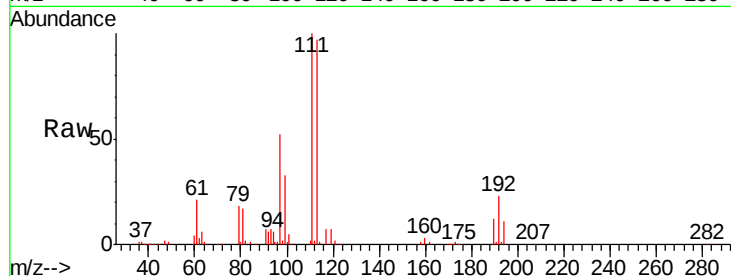
Tgt Ion:113 Resp: 95020

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

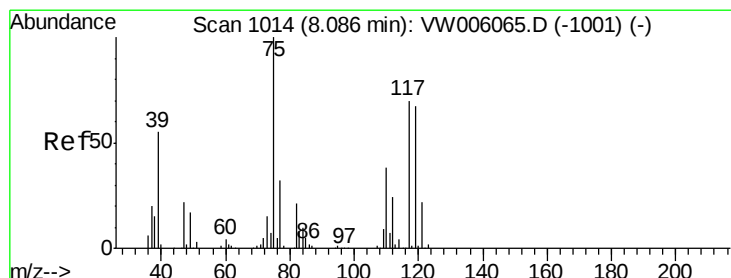
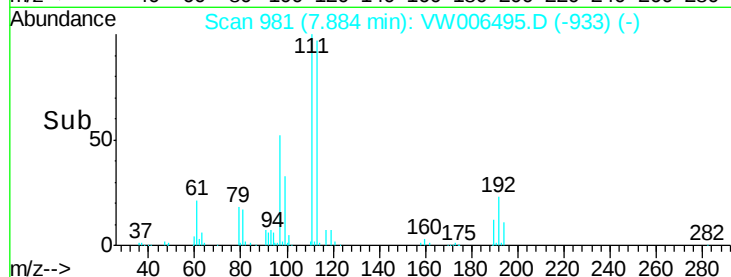
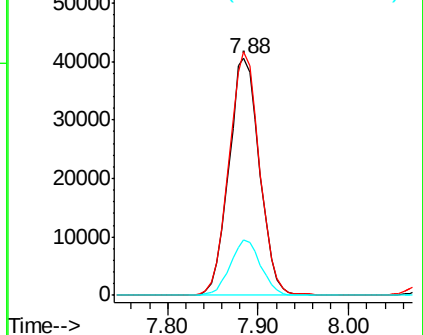
192 23.3 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 23.36 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

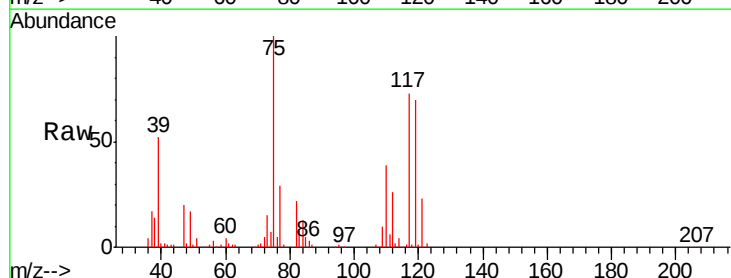
Tgt Ion: 75 Resp: 63770

Ion Ratio Lower Upper

75 100

110 38.8 19.1 57.1

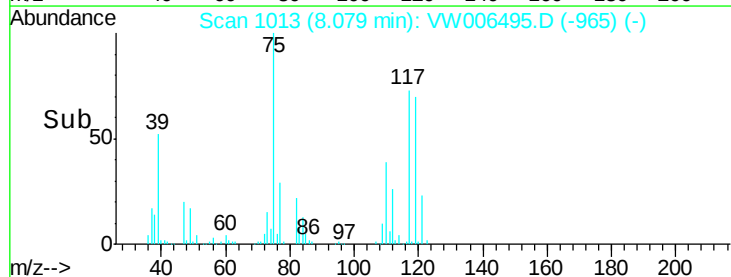
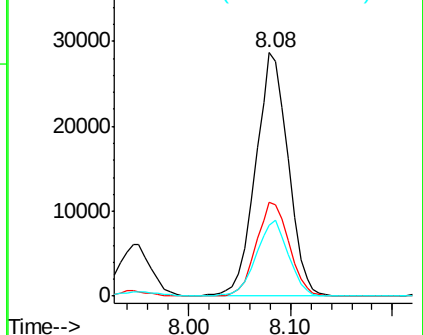
77 30.8 25.0 37.4

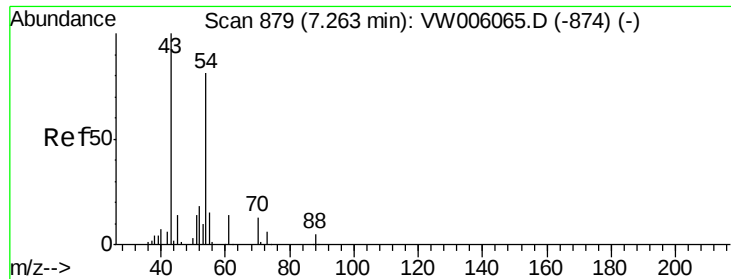


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

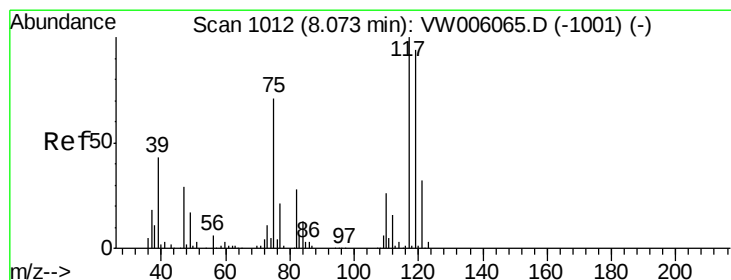
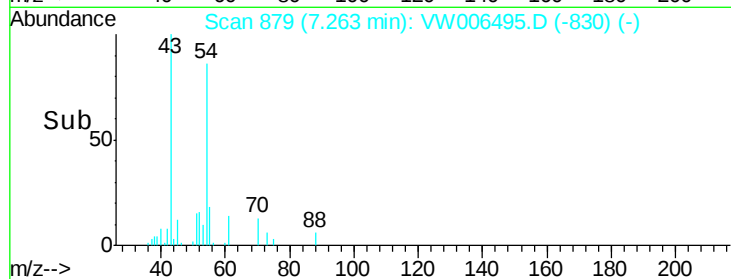
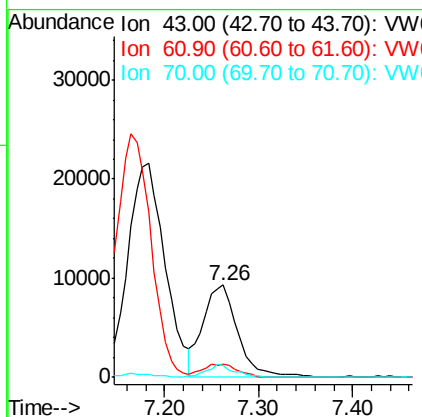
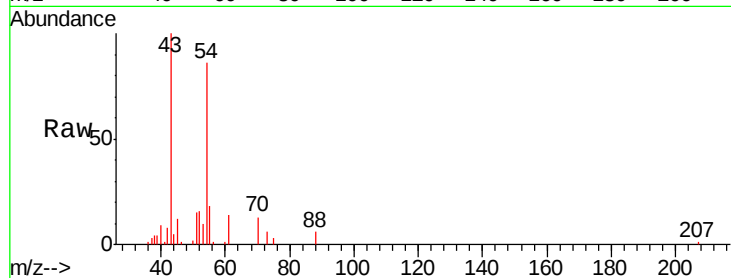




#37
Ethyl Acetate
Concen: 23.31 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

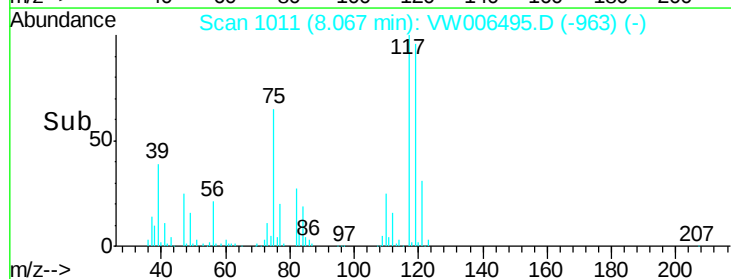
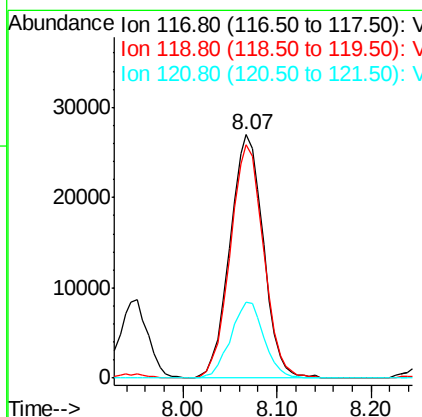
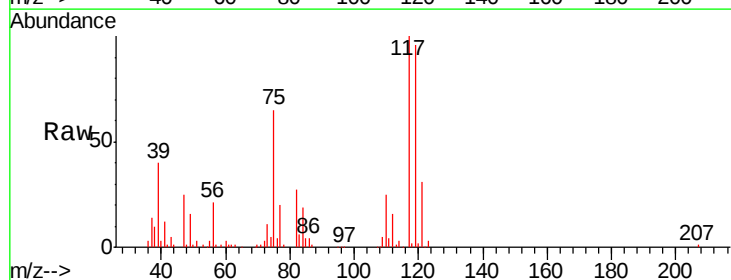
Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS02

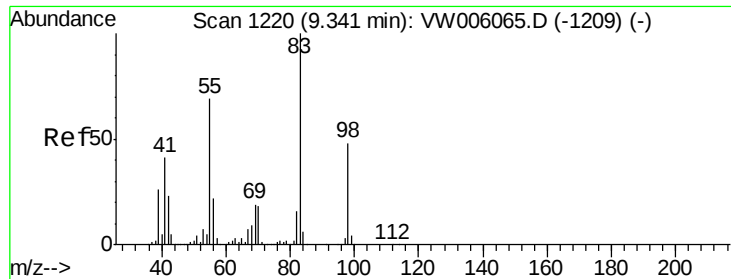
Tgt Ion: 43 Resp: 23639
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 22.25 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion: 117 Resp: 66568
Ion Ratio Lower Upper
117 100
119 95.8 75.2 112.8
121 31.2 25.3 37.9

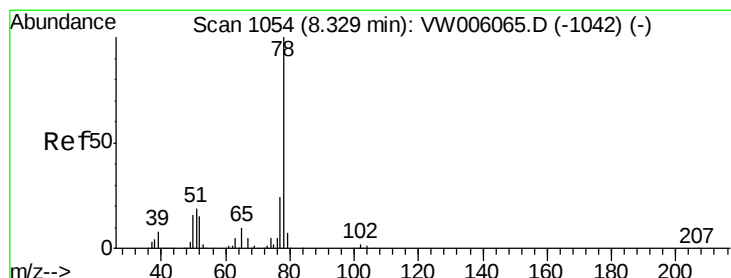
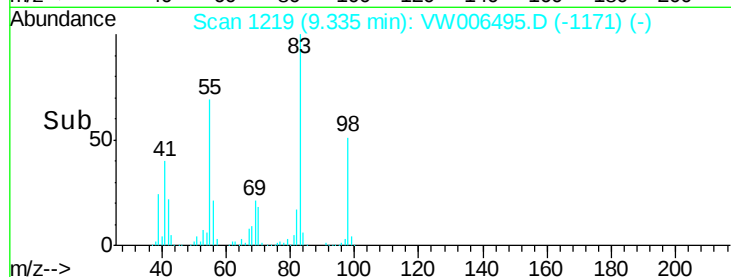
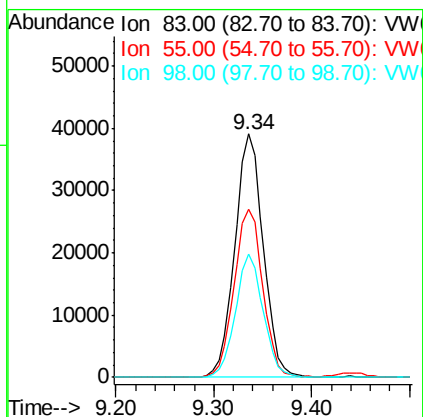
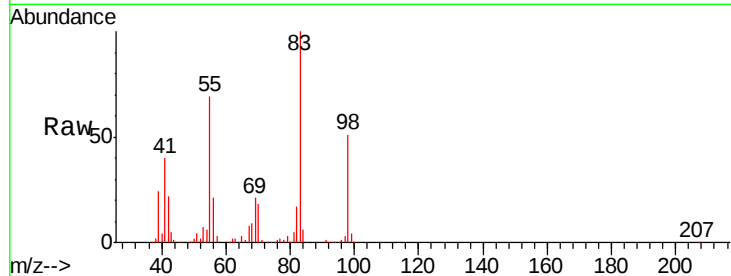




#39
Methylcyclohexane
Concen: 21.76 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

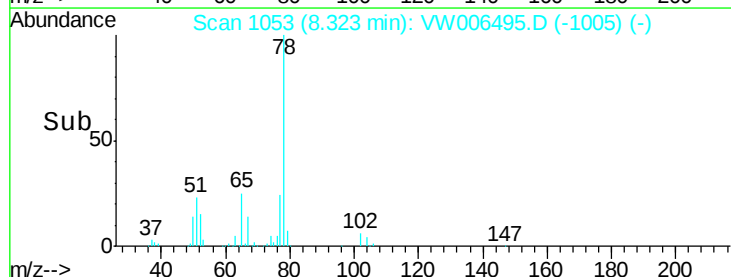
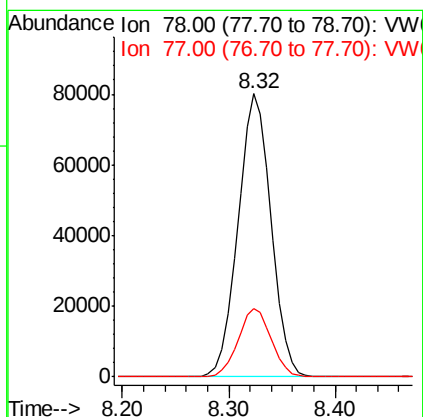
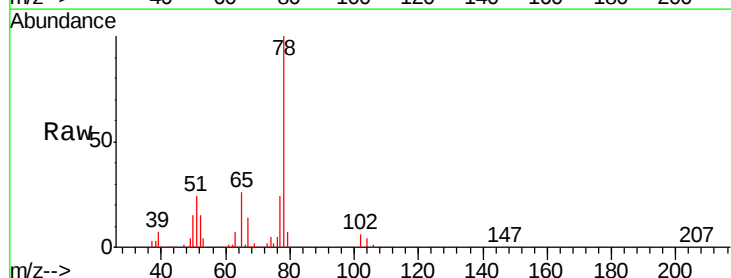
Instrument :
MSVOA_W
ClientSampleId :
VW1031SBSD02

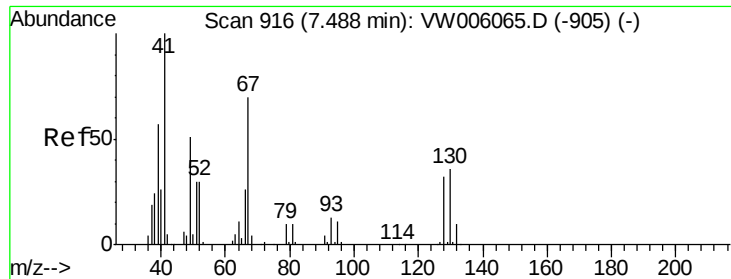
Tgt Ion: 83 Resp: 78968
Ion Ratio Lower Upper
83 100
55 69.3 55.0 82.6
98 50.6 38.6 57.8



#40
Benzene
Concen: 23.22 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion: 78 Resp: 173835
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

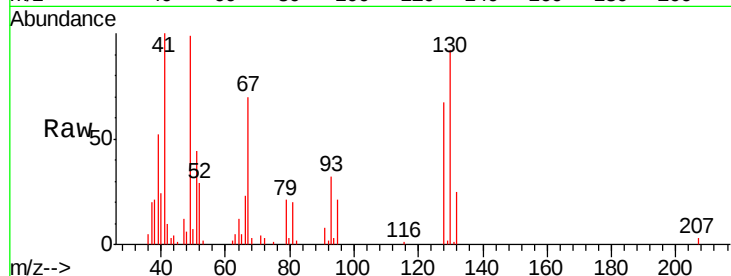




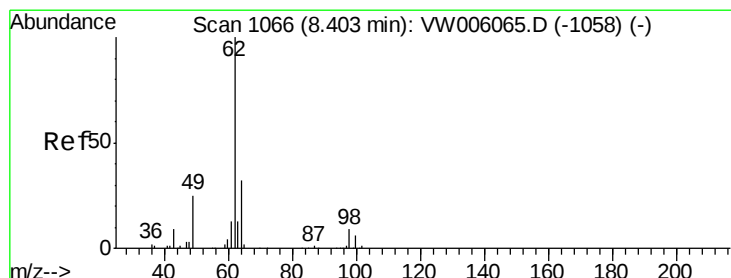
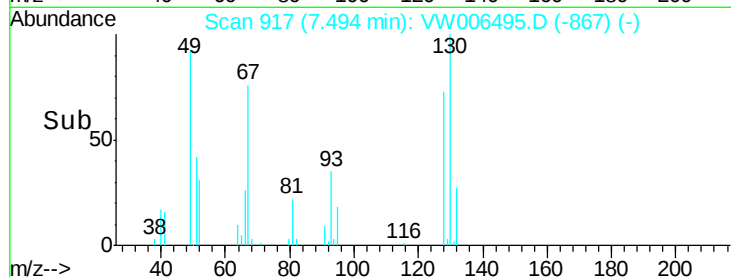
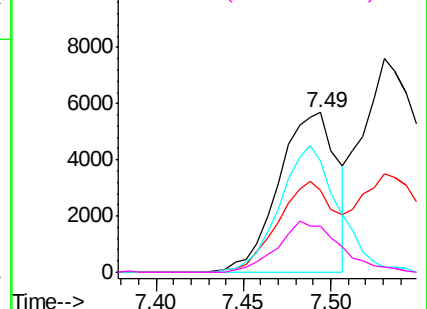
#41
Methacrylonitrile
Concen: 21.65 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS02

Tgt Ion:	41	Resp:	13239
Ion	Ratio	Lower	Upper
41	100		
39	55.7	46.2	69.4
67	79.4	57.7	86.5
52	33.8	24.7	37.1

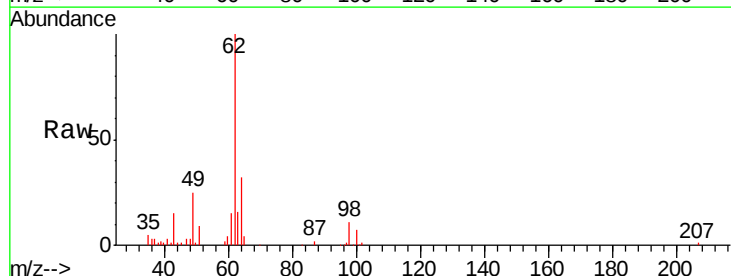


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

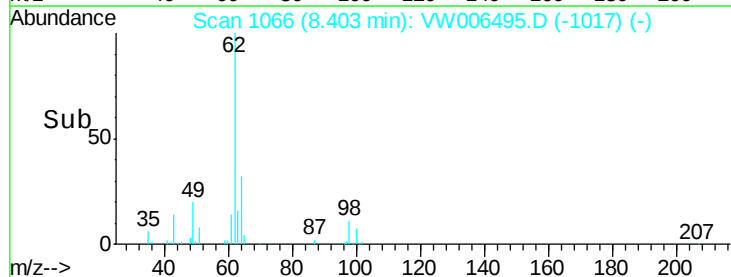
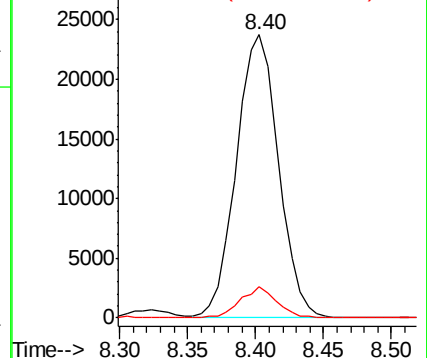


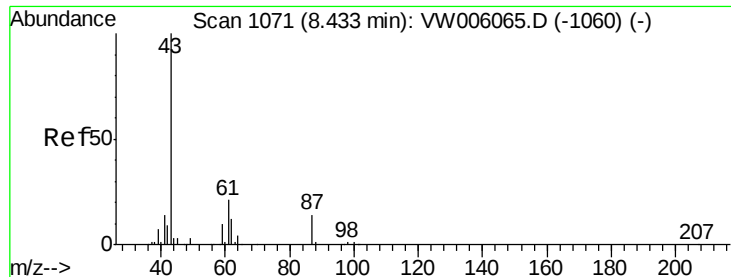
#42
1,2-Dichloroethane
Concen: 23.39 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion:	62	Resp:	51458
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 21.40 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

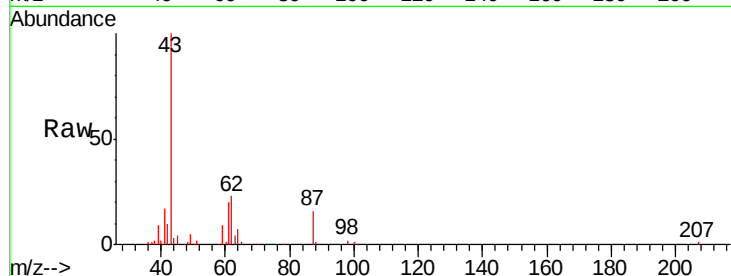
Tgt Ion: 43 Resp: 44368

Ion Ratio Lower Upper

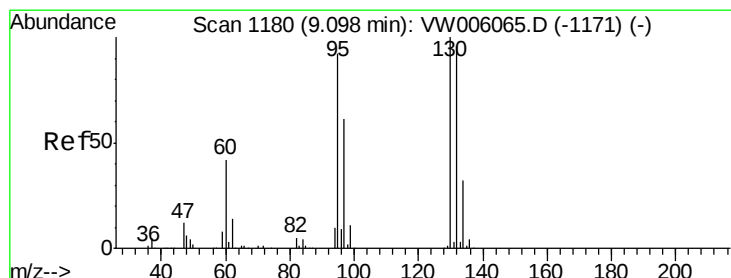
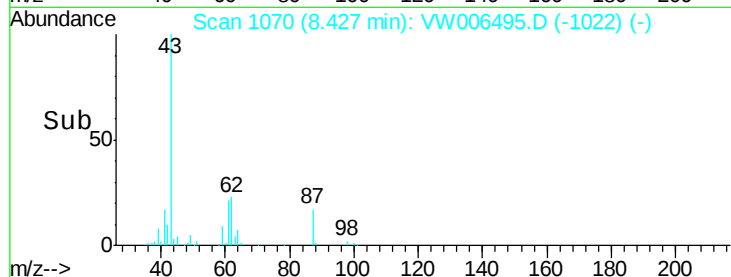
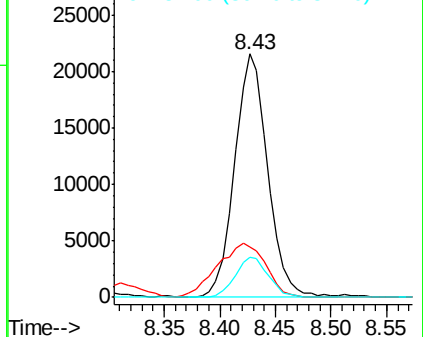
43 100

61 32.4 25.5 38.3

87 16.5 11.7 17.5



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: 23.71 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006495.D

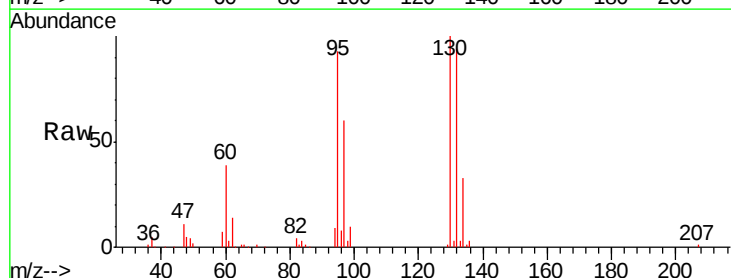
Acq: 30 Oct 2018 12:25

Tgt Ion: 130 Resp: 54474

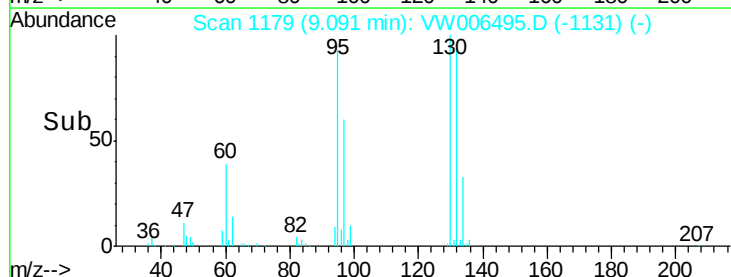
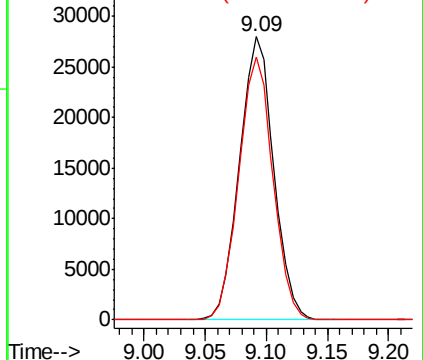
Ion Ratio Lower Upper

130 100

95 93.1 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 22.96 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

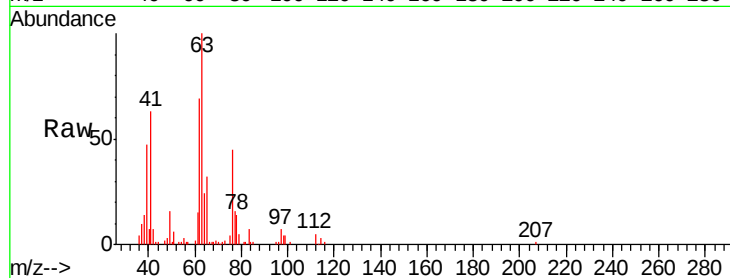
VW1031SBSD02

Tgt Ion: 63 Resp: 41135

Ion Ratio Lower Upper

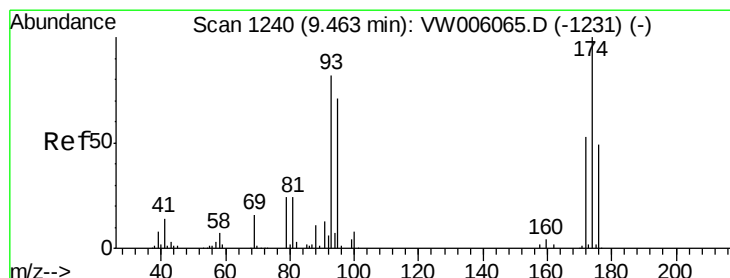
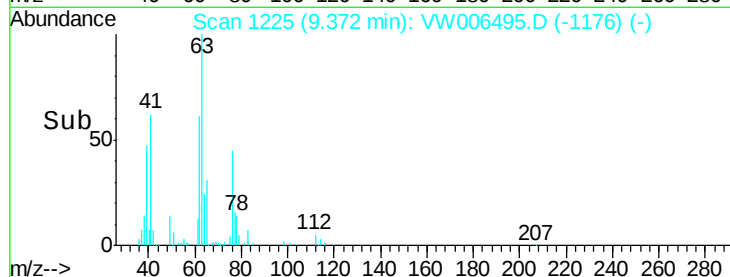
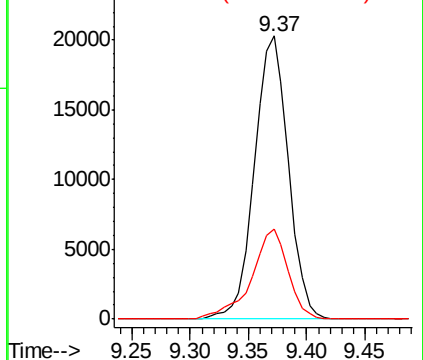
63 100

65 32.0 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 23.48 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

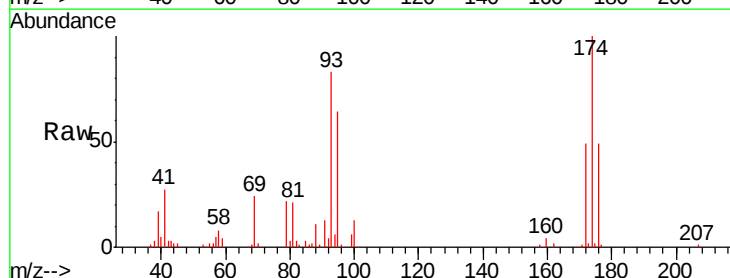
Tgt Ion: 93 Resp: 23982

Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

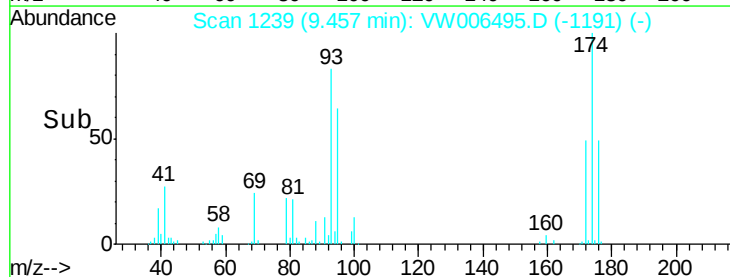
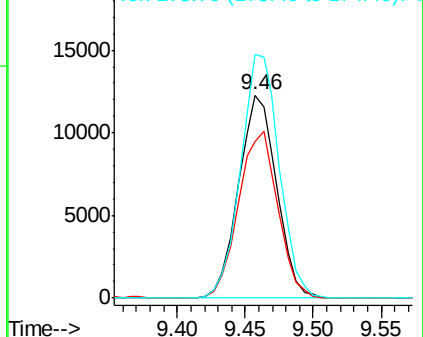
174 121.6 93.7 140.5

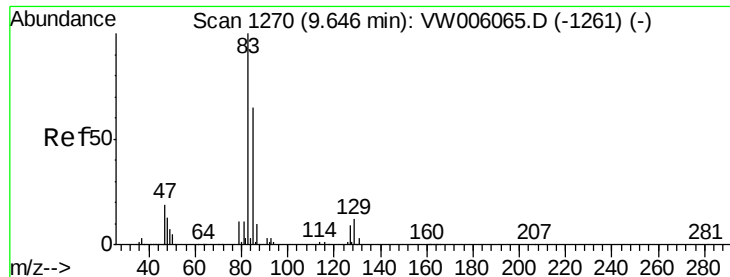


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.15 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBSD02

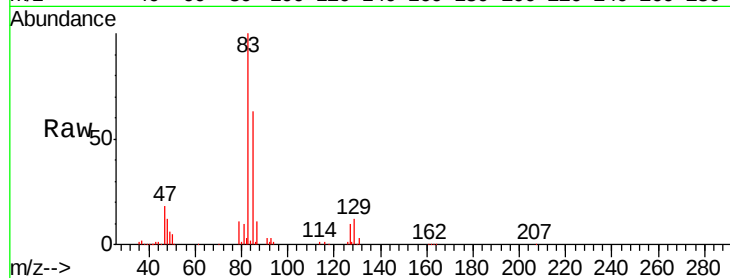
Tgt Ion: 83 Resp: 54841

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.8

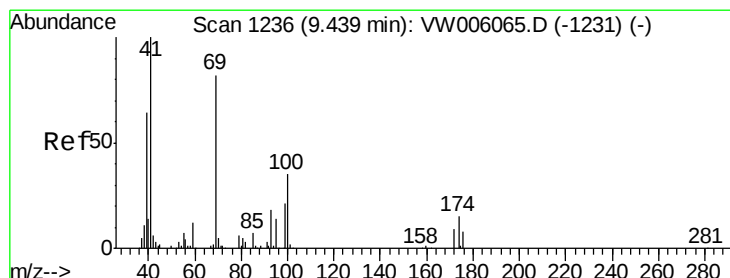
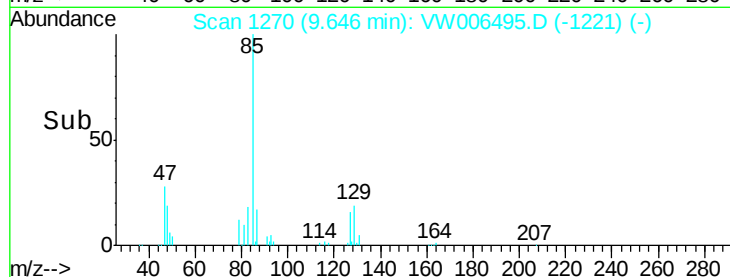
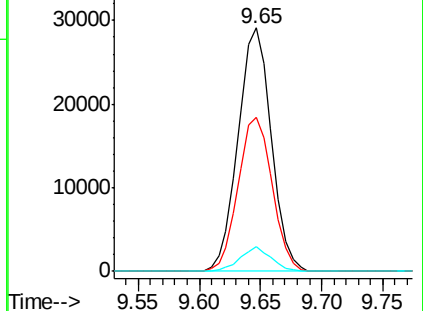
127 10.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.76 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

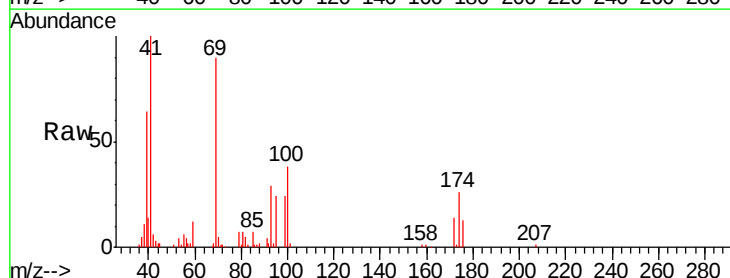
Tgt Ion: 41 Resp: 21386

Ion Ratio Lower Upper

41 100

69 95.9 71.8 107.8

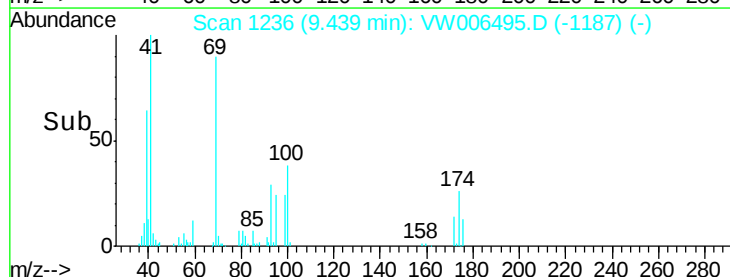
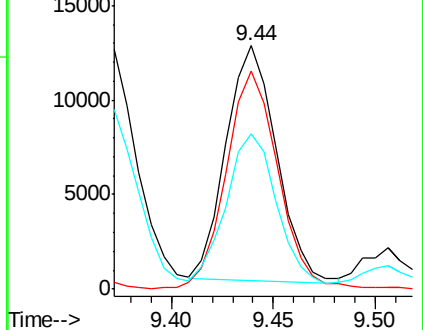
39 68.4 52.5 78.7

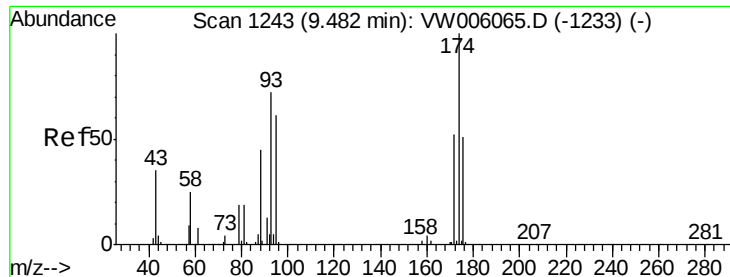


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 457.74 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

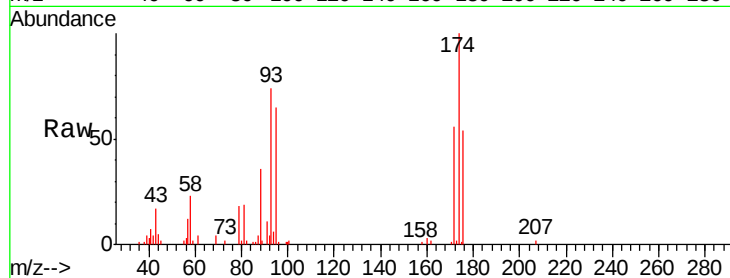
Tgt Ion: 88 Resp: 7196

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

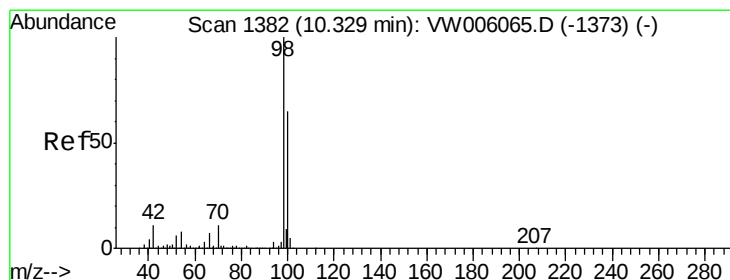
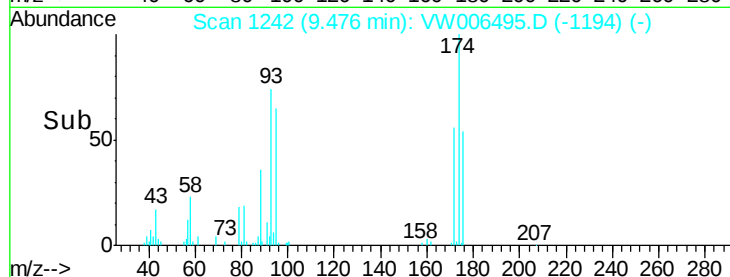
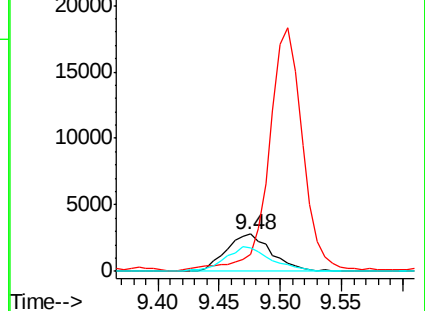
58 66.6 51.2 76.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.02 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006495.D

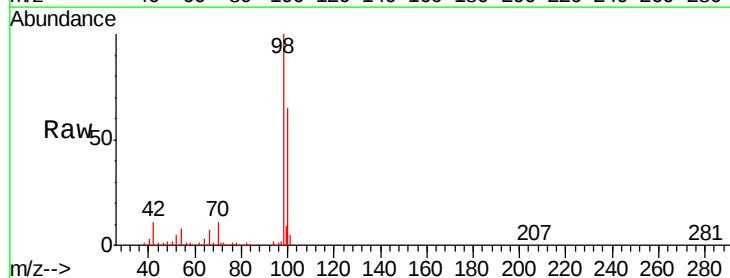
Acq: 30 Oct 2018 12:25

Tgt Ion: 98 Resp: 346320

Ion Ratio Lower Upper

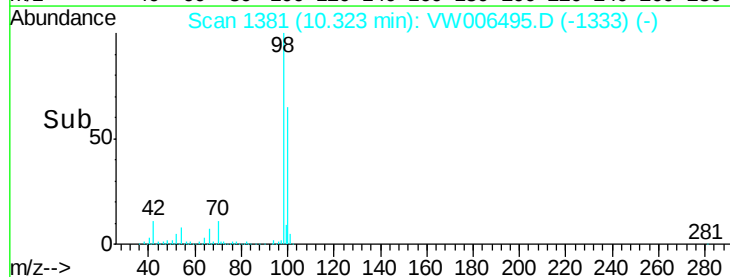
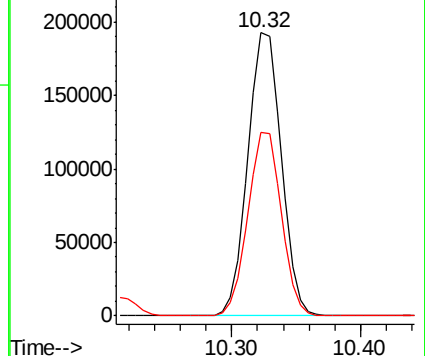
98 100

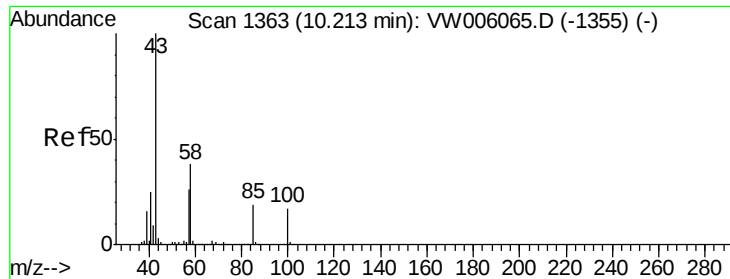
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

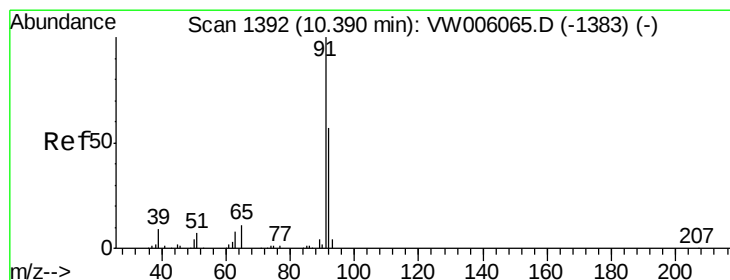
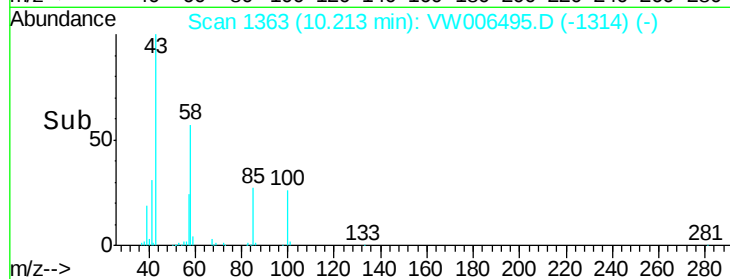
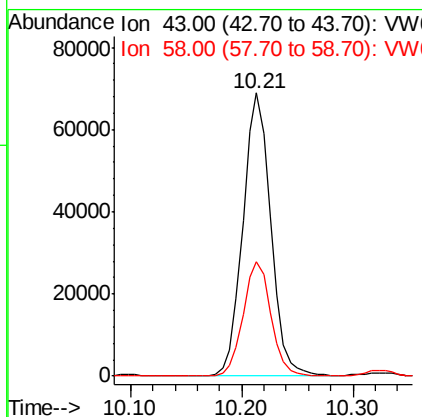
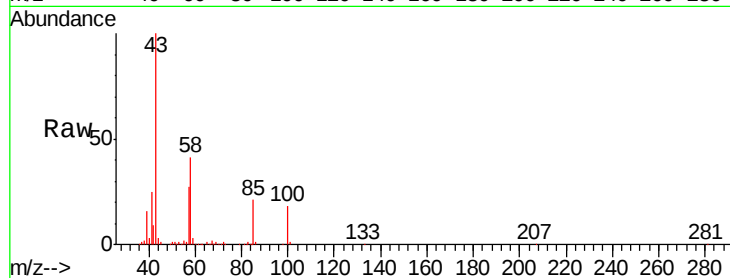




#51
 4-Methyl-2-Pentanone
 Concen: 115.50 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

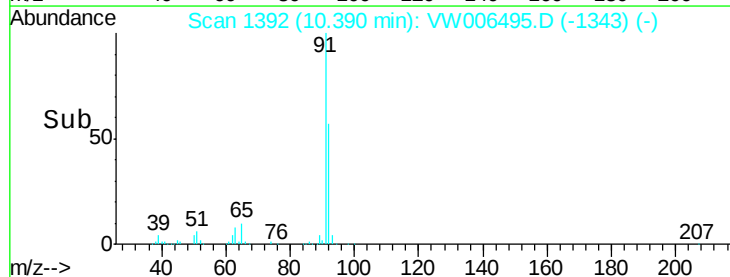
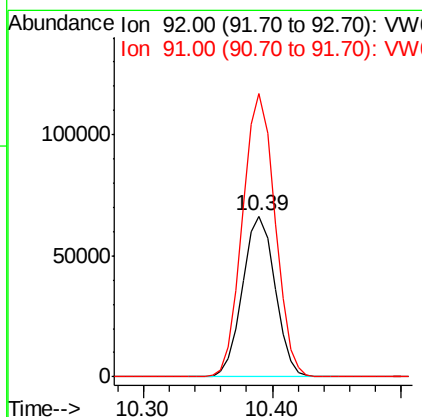
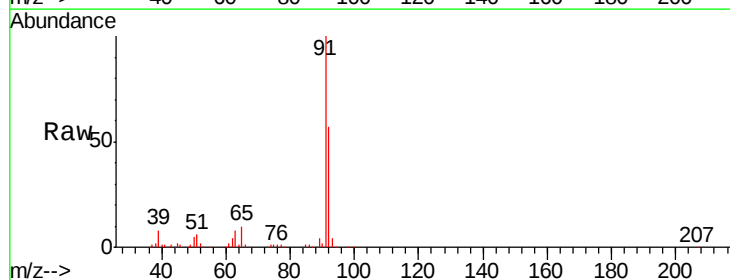
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS02

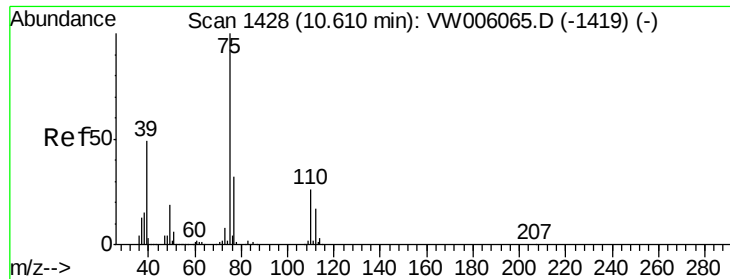
Tgt Ion: 43 Resp: 119994
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.5 47.3



#52
 Toluene
 Concen: 23.11 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion: 92 Resp: 115983
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 21.80 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

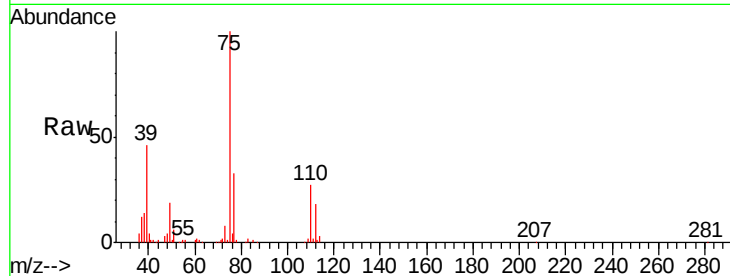
VW1031SBS02

Tgt Ion: 75 Resp: 53783

Ion Ratio Lower Upper

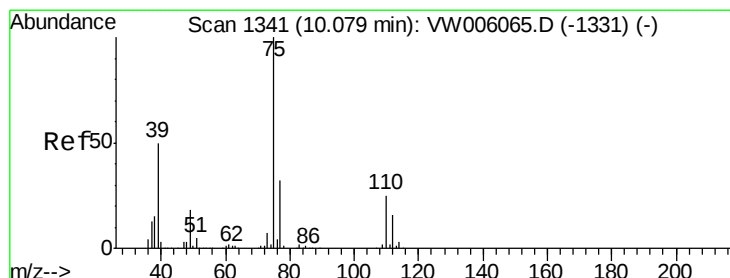
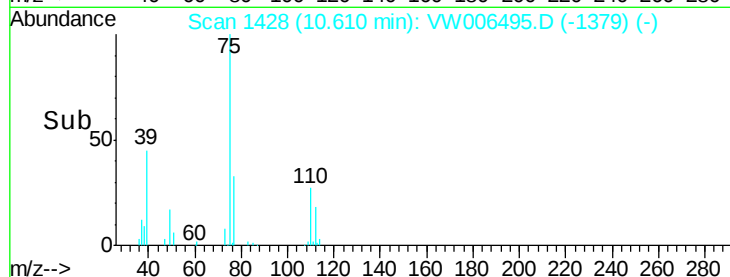
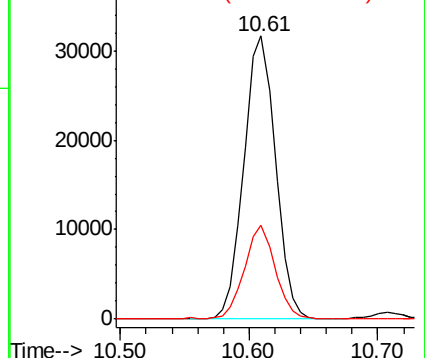
75 100

77 33.3 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: 22.35 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

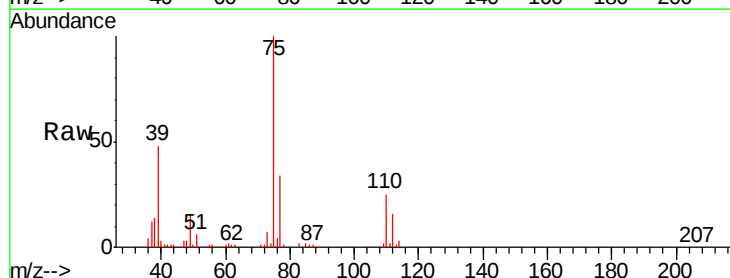
Tgt Ion: 75 Resp: 63268

Ion Ratio Lower Upper

75 100

77 33.6 25.2 37.8

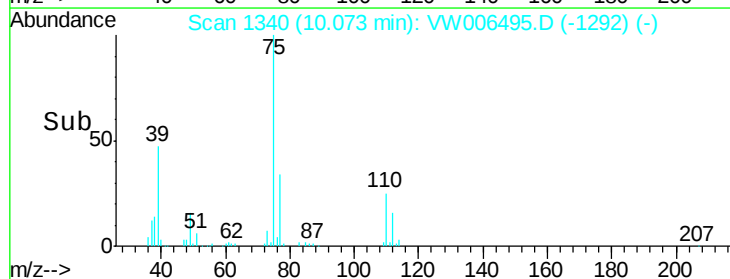
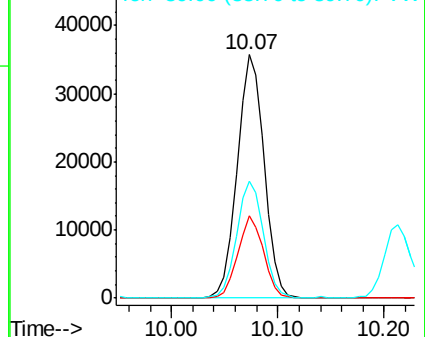
39 47.8 39.9 59.9

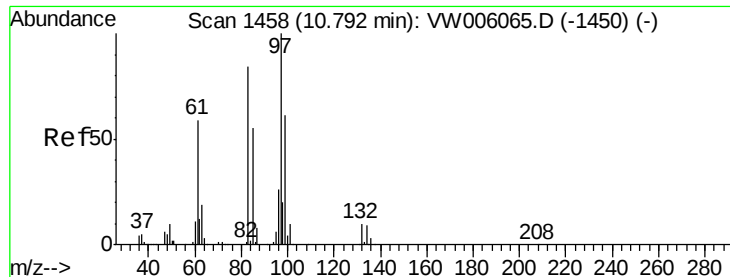


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 24.35 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

Tgt Ion: 97 Resp: 34802

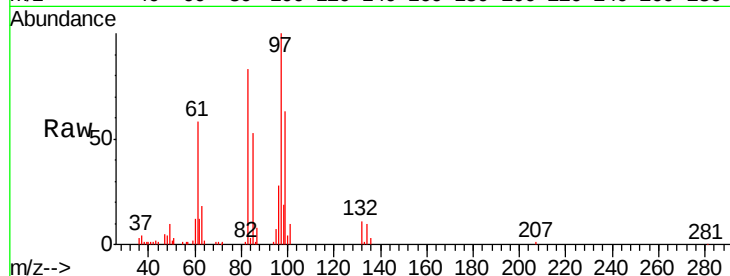
Ion Ratio Lower Upper

97 100

83 82.6 67.2 100.8

85 52.8 43.7 65.5

99 63.5 48.5 72.7

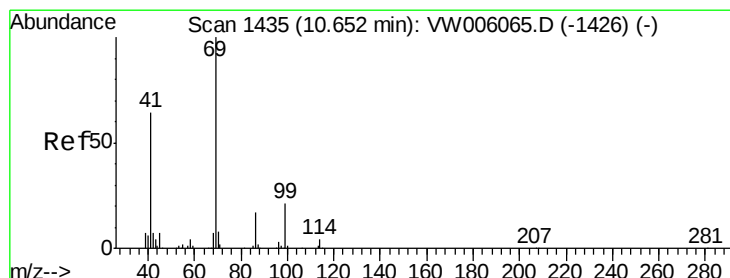
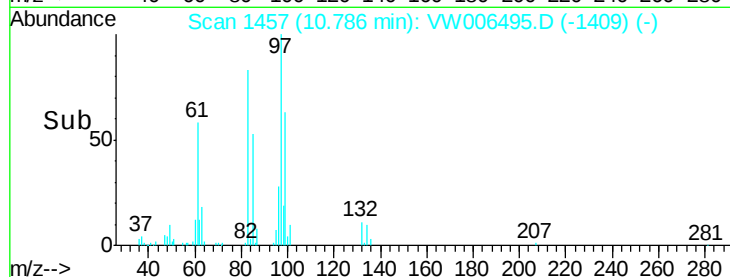
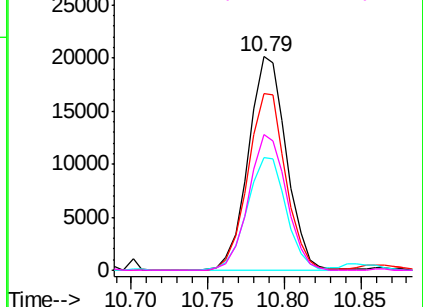


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 22.56 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.01 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

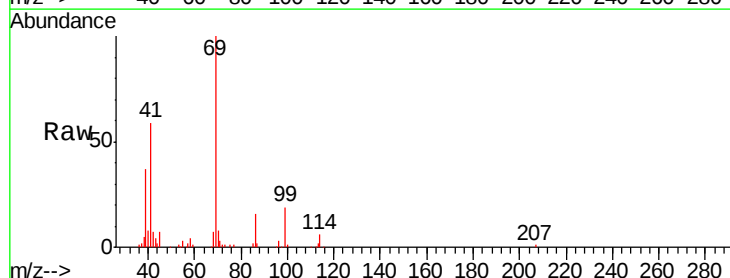
Tgt Ion: 69 Resp: 39518

Ion Ratio Lower Upper

69 100

41 62.1 52.8 79.2

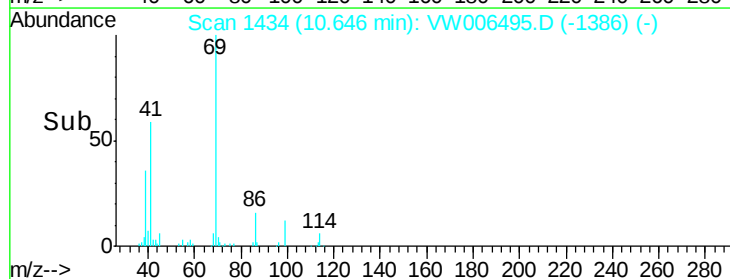
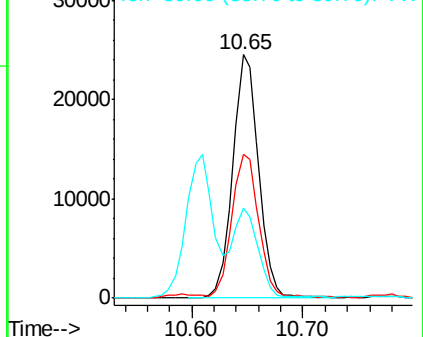
39 36.3 30.6 45.8



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

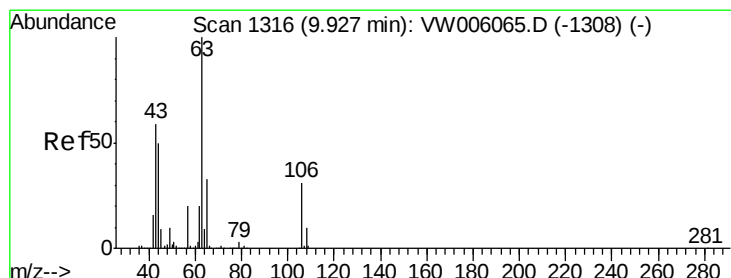
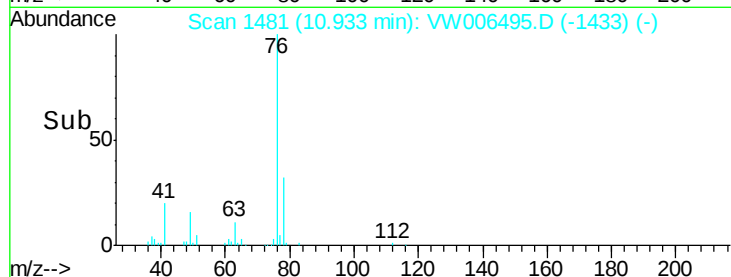
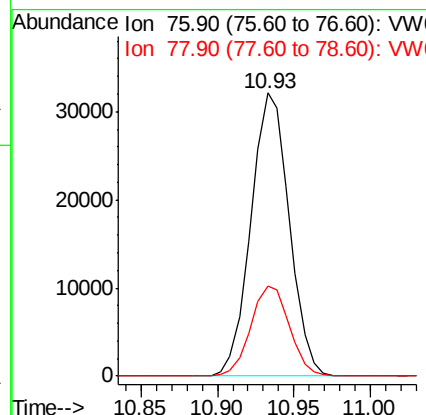
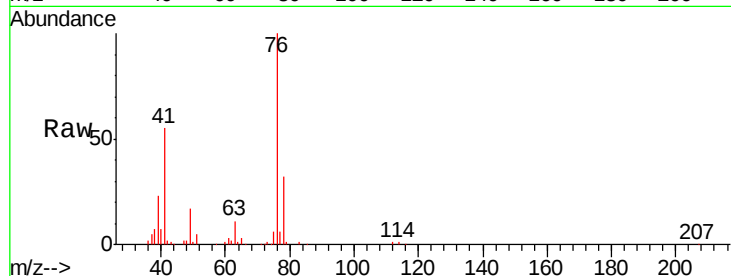




#57
 1,3-Dichloropropane
 Concen: 23.65 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

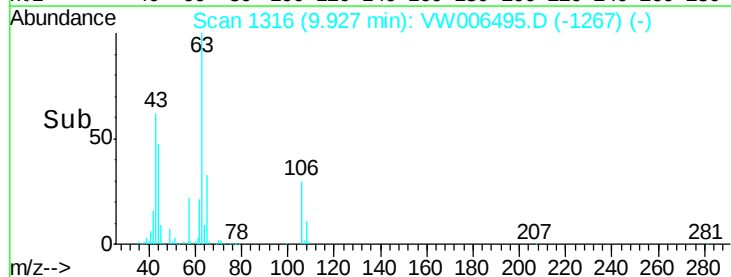
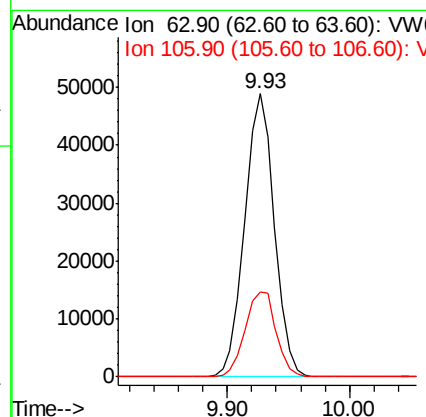
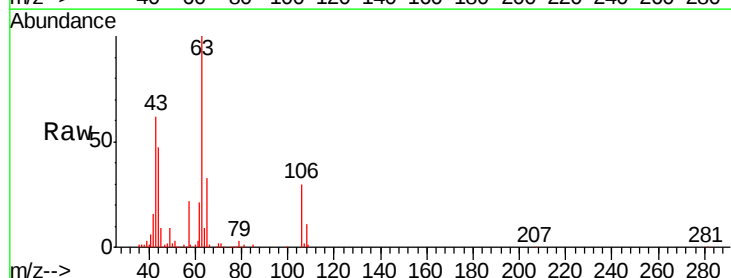
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBSD02

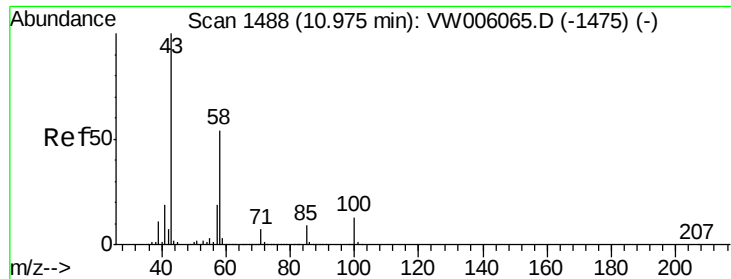
Tgt Ion: 76 Resp: 55958
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.68 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion: 63 Resp: 82126
 Ion Ratio Lower Upper
 63 100
 106 31.5 24.5 36.7

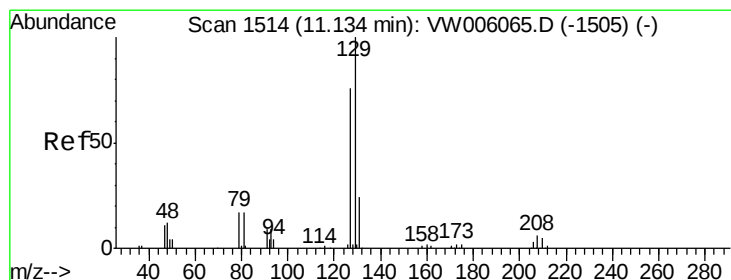
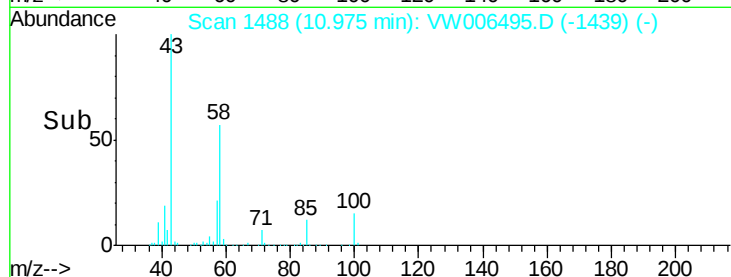
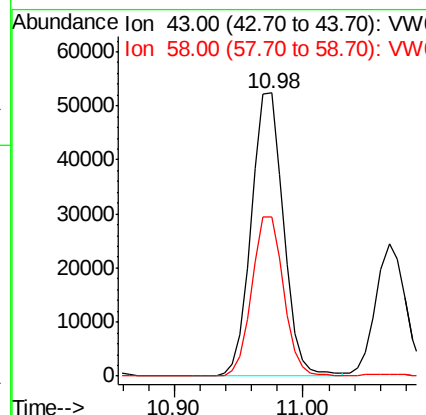
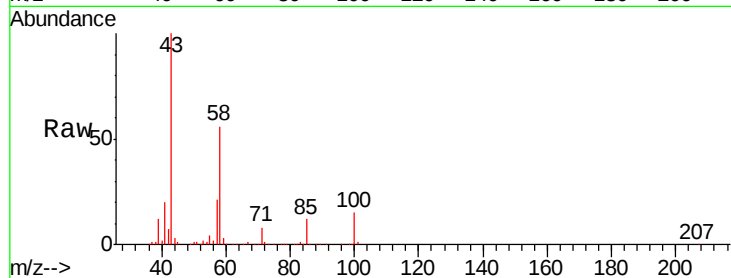




#59
2-Hexanone
Concen: 121.66 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

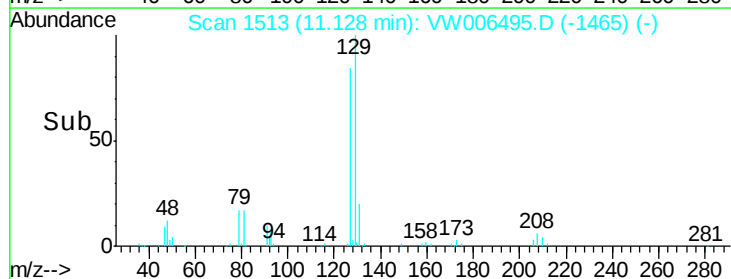
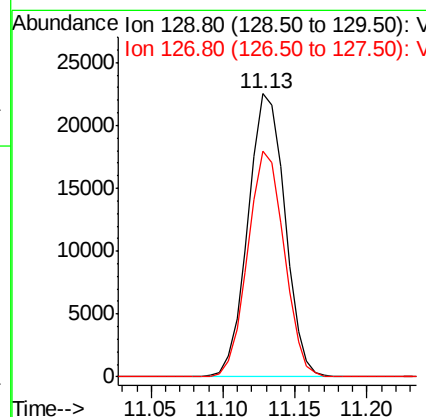
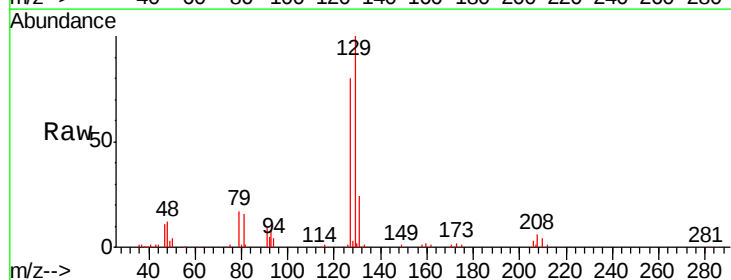
Instrument :
MSVOA_W
ClientSampleId :
VW1031SBS02

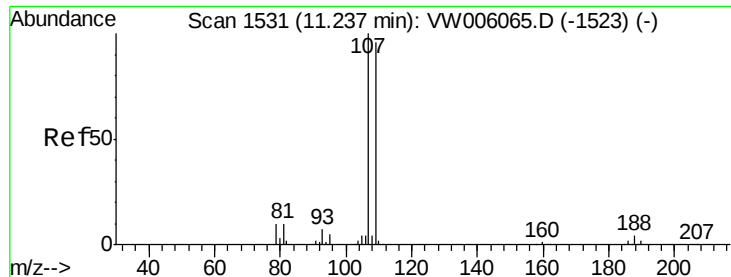
Tgt Ion: 43 Resp: 90225
Ion Ratio Lower Upper
43 100
58 55.5 26.9 80.6



#60
Dibromochloromethane
Concen: 22.48 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion: 129 Resp: 40021
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7

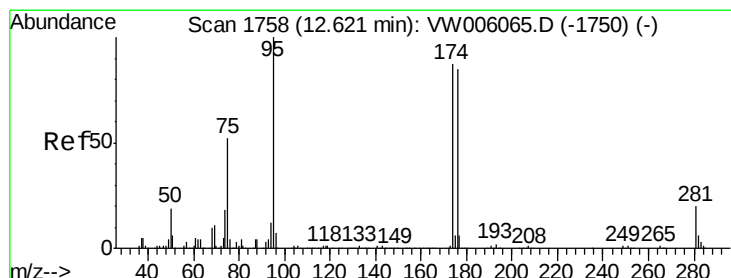
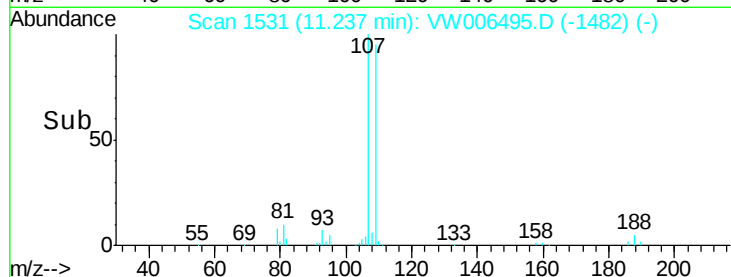
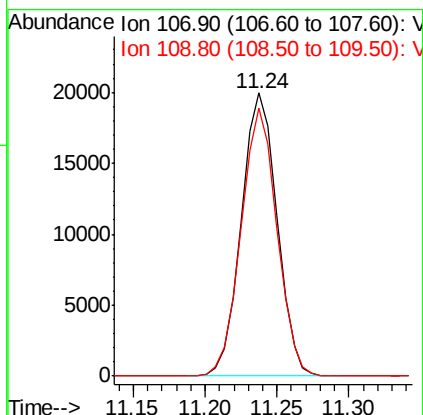
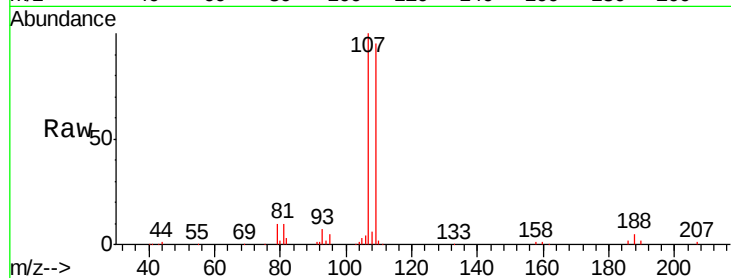




#61
 1,2-Dibromoethane
 Concen: 23.95 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

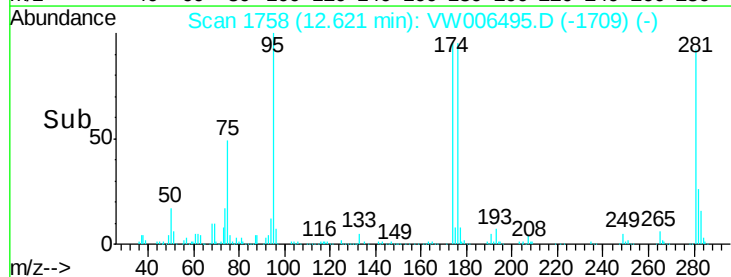
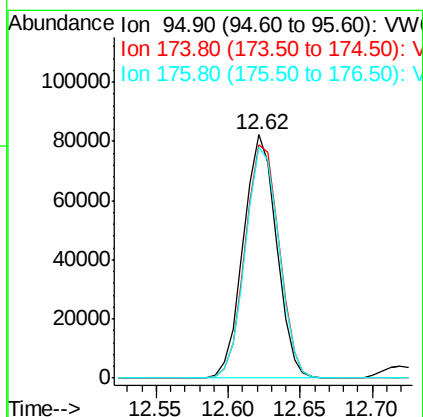
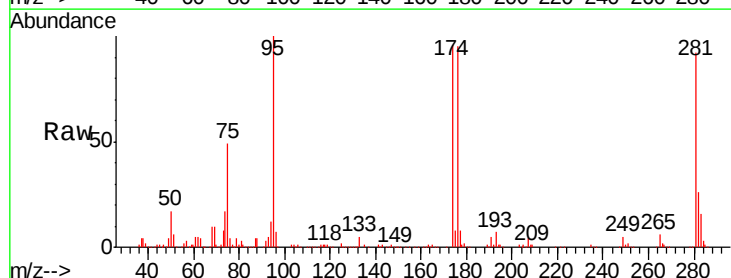
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS02

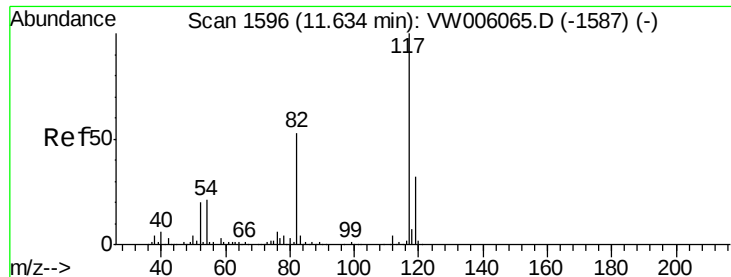
Tgt Ion: 107 Resp: 34203
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 52.28 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion: 95 Resp: 130734
 Ion Ratio Lower Upper
 95 100
 174 98.6 0.0 186.0
 176 96.3 0.0 181.6

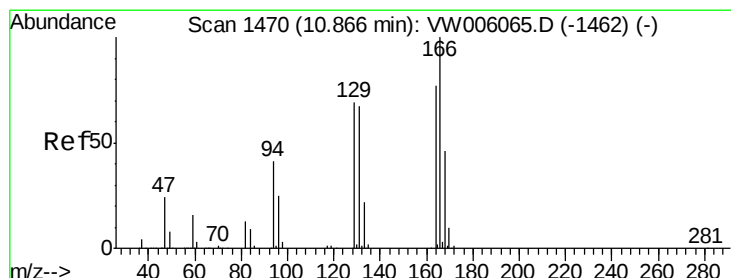
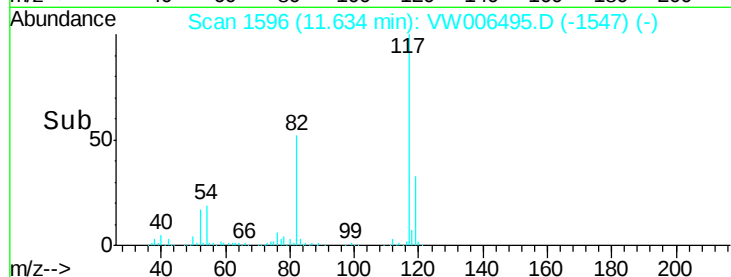
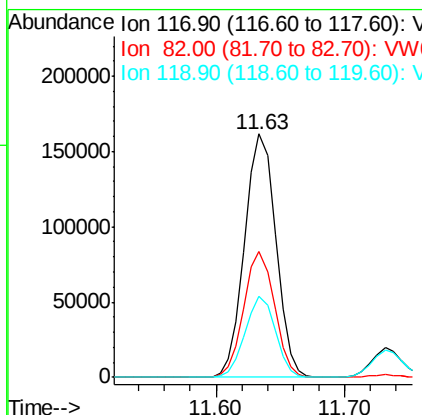
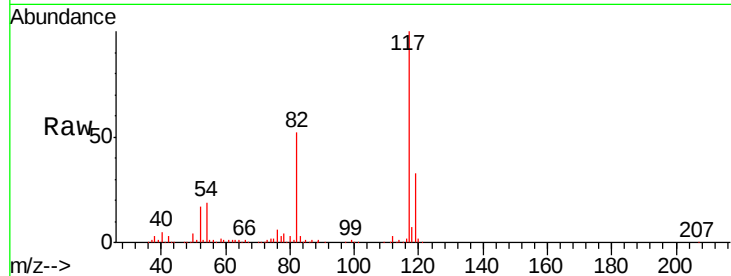




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

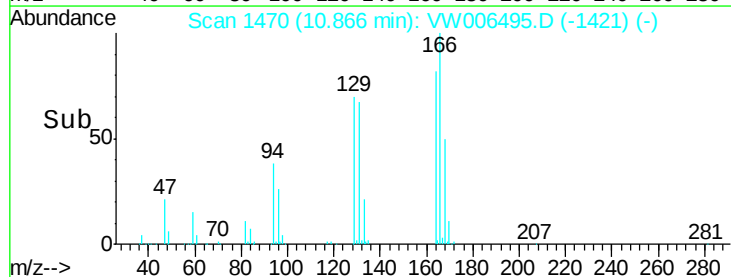
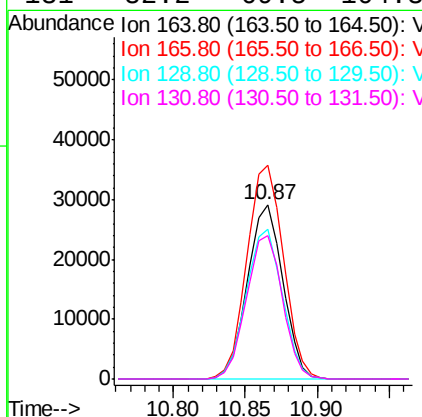
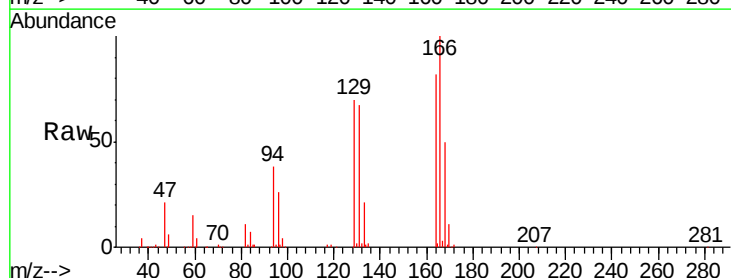
Instrument :
MSVOA_W
ClientSampleId :
VW1031SBSD02

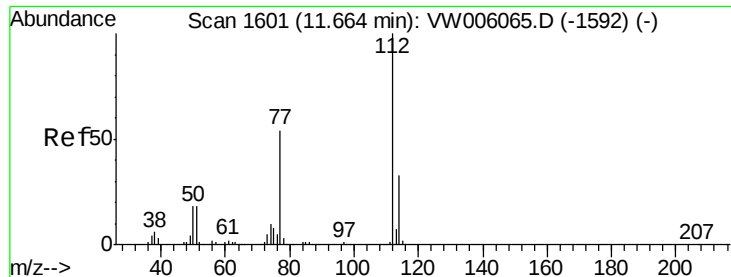
Tgt Ion:117 Resp: 271391
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 33.1 25.8 38.6



#64
Tetrachloroethene
Concen: 23.55 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion:164 Resp: 49619
Ion Ratio Lower Upper
164 100
166 122.3 103.4 155.0
129 85.9 71.8 107.8
131 82.2 69.5 104.3

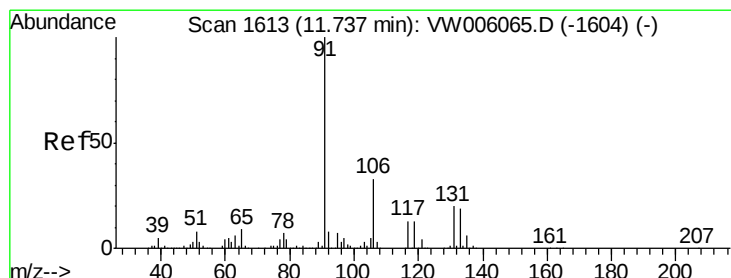
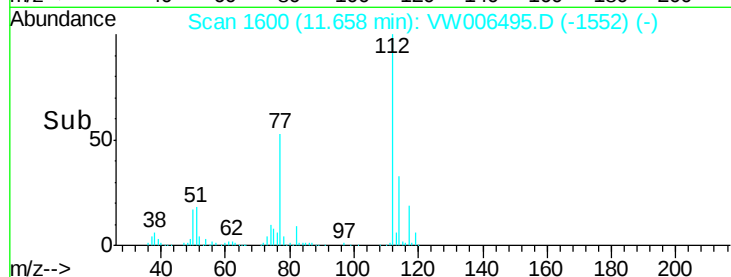
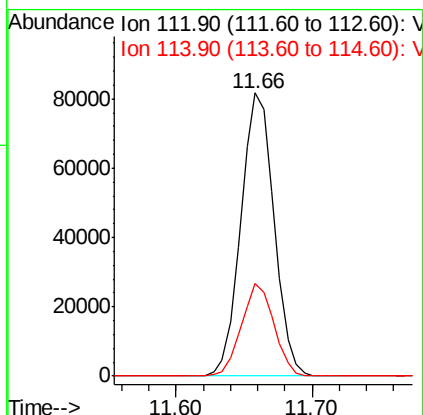
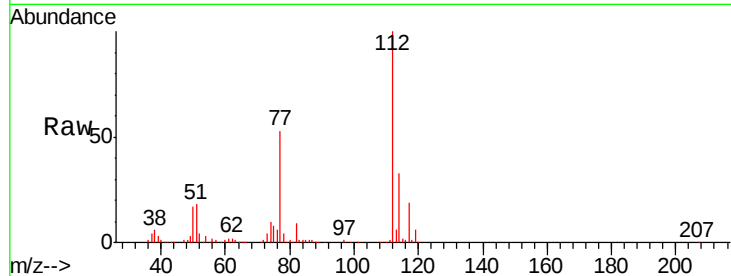




#65
Chlorobenzene
Concen: 23.89 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

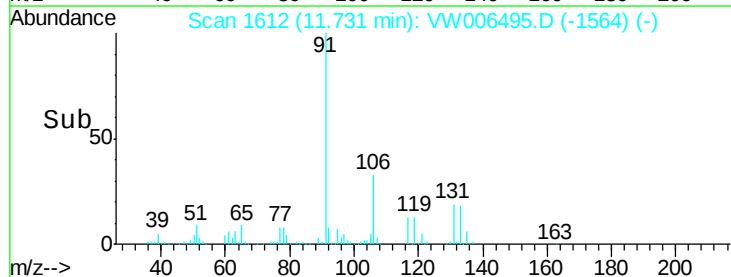
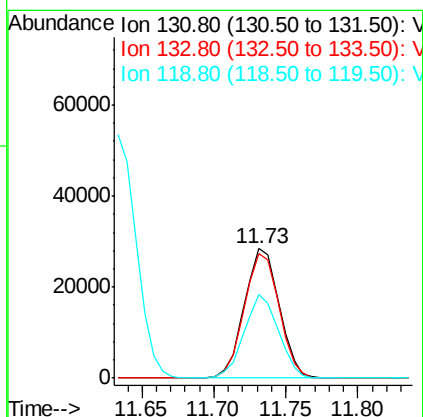
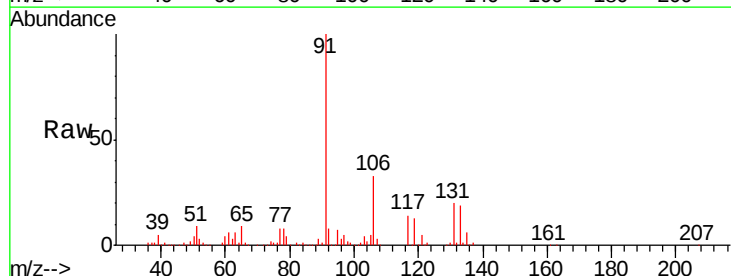
Instrument :
MSVOA_W
ClientSampleId :
VW1031SBSD02

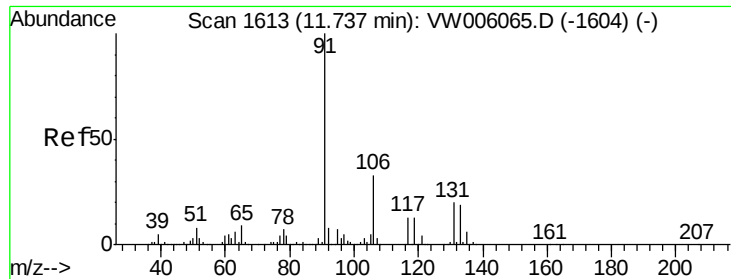
Tgt Ion:112 Resp: 138810
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 23.10 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion:131 Resp: 47703
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 63.7 31.6 94.7

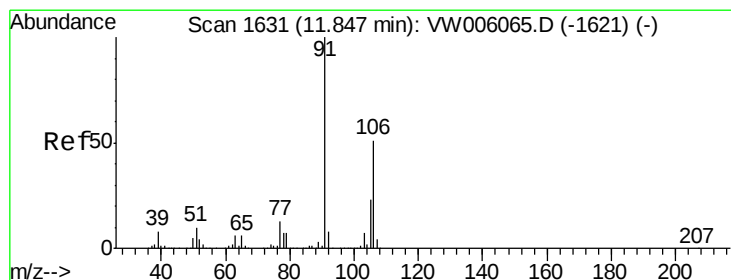
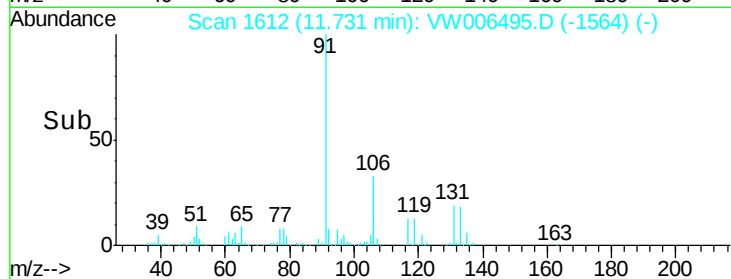
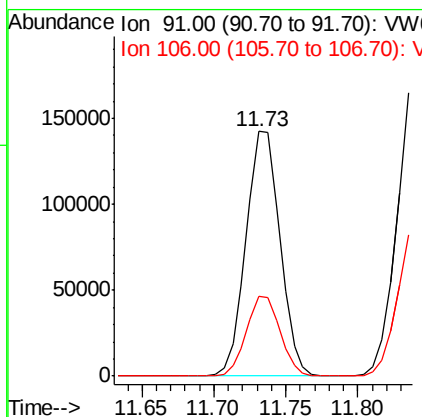
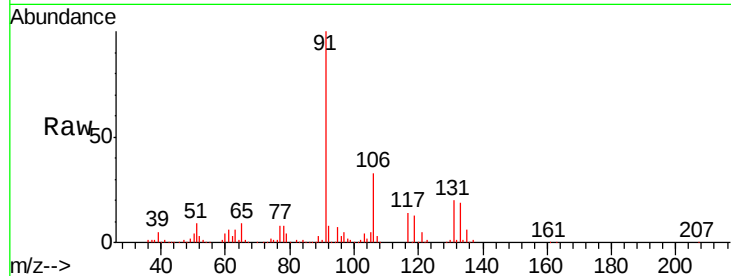




#67
Ethyl Benzene
Concen: 23.16 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

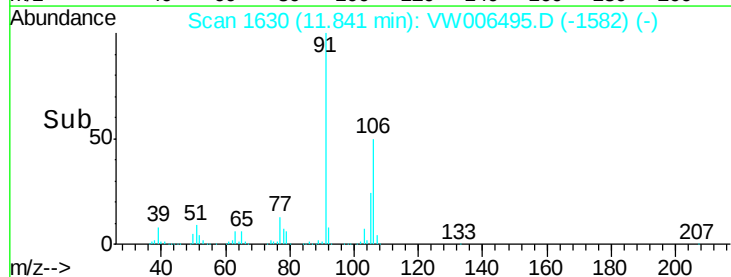
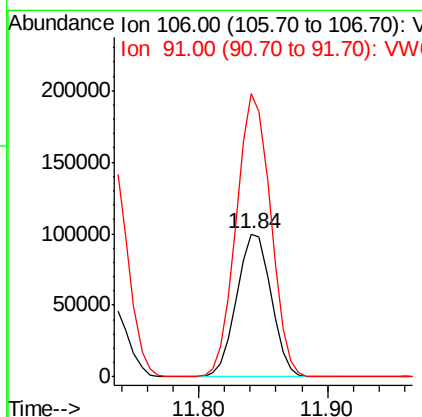
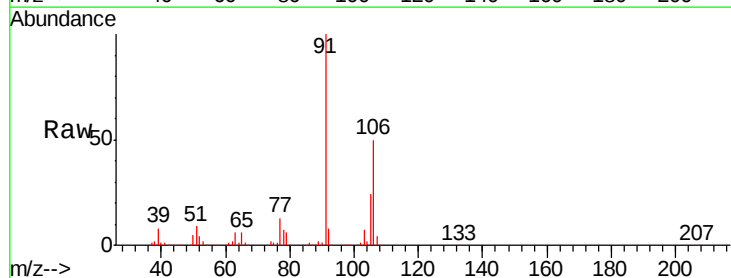
Instrument :
MSVOA_W
ClientSampleId :
VW1031SBSD02

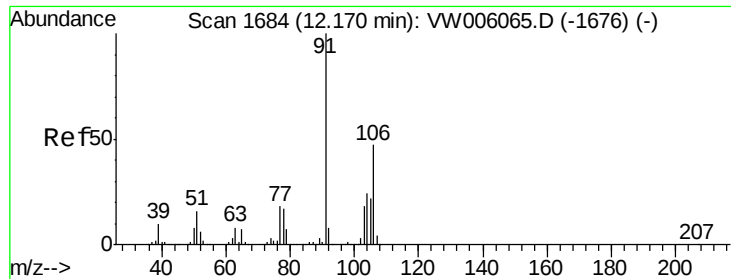
Tgt Ion: 91 Resp: 233176
Ion Ratio Lower Upper
91 100
106 32.5 26.1 39.1



#68
m/p-Xylenes
Concen: 46.72 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion: 106 Resp: 185944
Ion Ratio Lower Upper
106 100
91 196.9 159.1 238.7

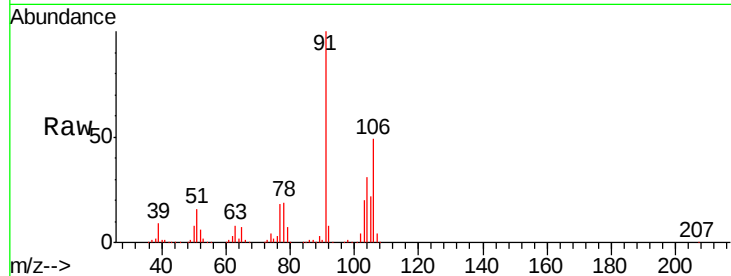




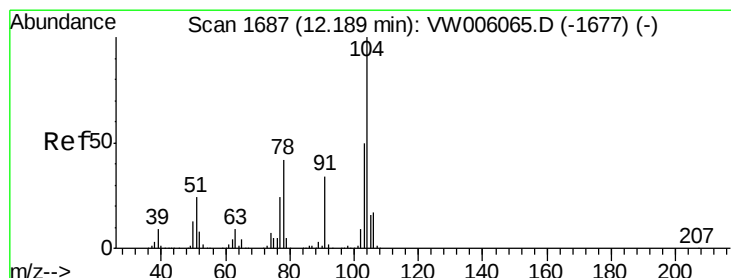
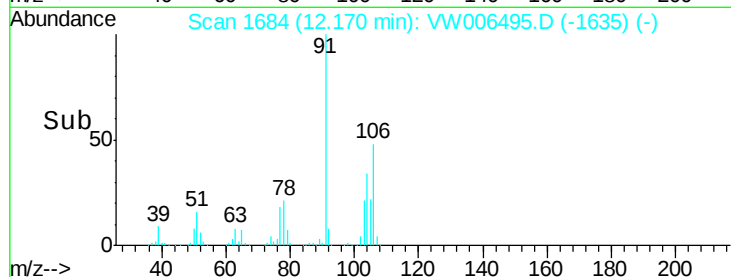
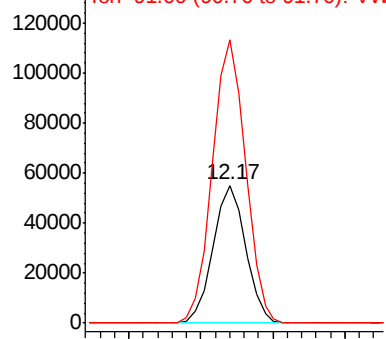
#69
o-Xylene
Concen: 22.84 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBSD02

Tgt Ion:106 Resp: 86631
Ion Ratio Lower Upper
106 100
91 209.0 105.4 316.1

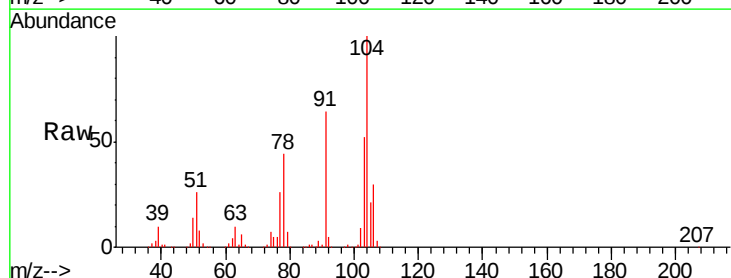


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

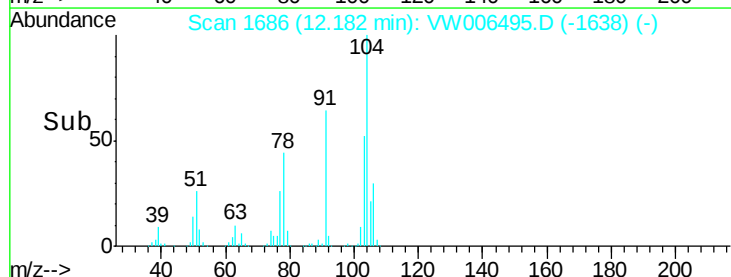
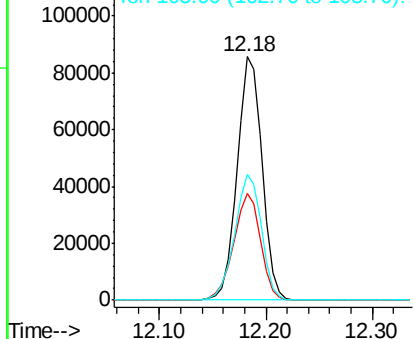


#70
Styrene
Concen: 22.84 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion:104 Resp: 140865
Ion Ratio Lower Upper
104 100
78 47.4 39.1 58.7
103 55.4 44.3 66.5



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





#71

Bromoform

Concen: 21.66 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBSD02

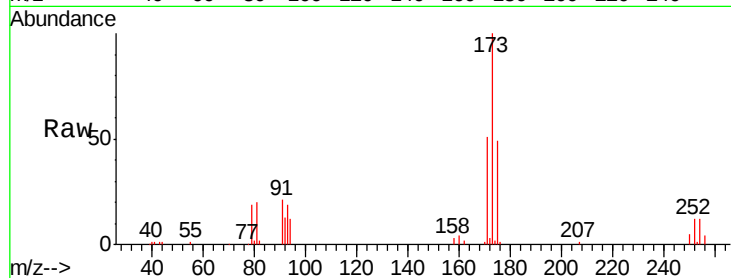
Tgt Ion:173 Resp: 24939

Ion Ratio Lower Upper

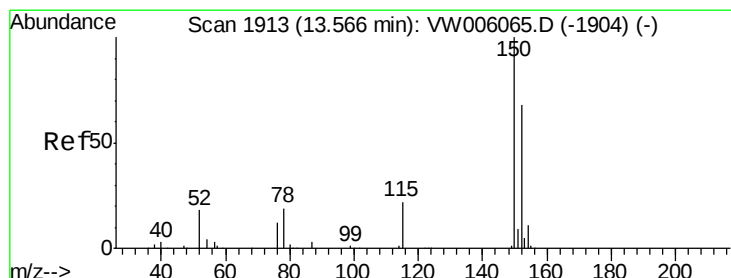
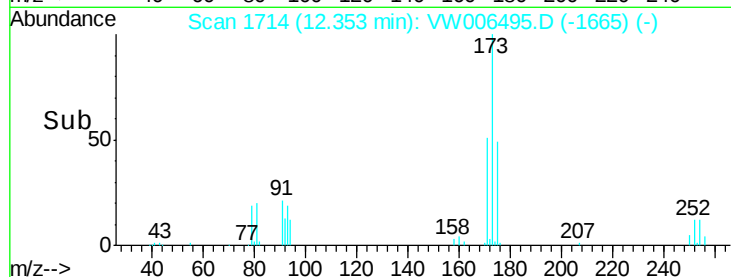
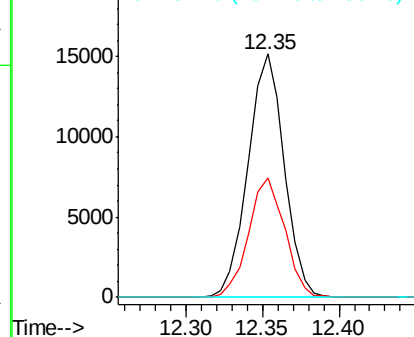
173 100

175 49.2 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

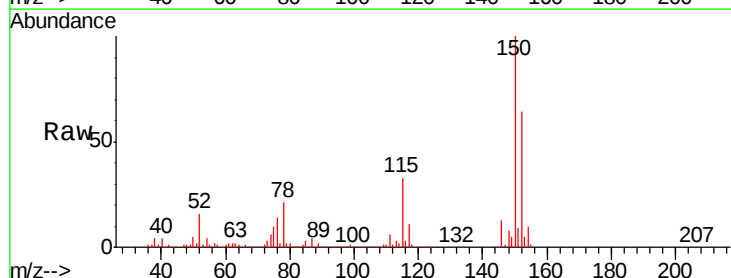
Tgt Ion:152 Resp: 154406

Ion Ratio Lower Upper

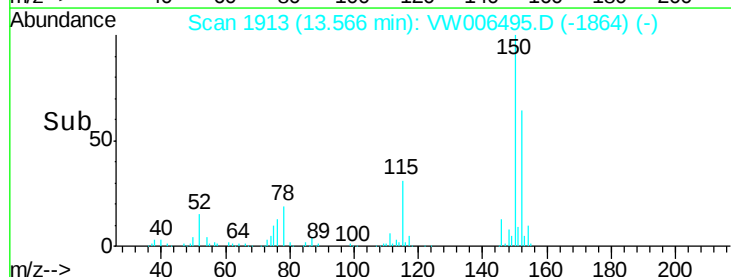
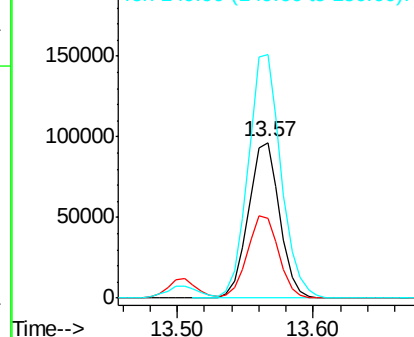
152 100

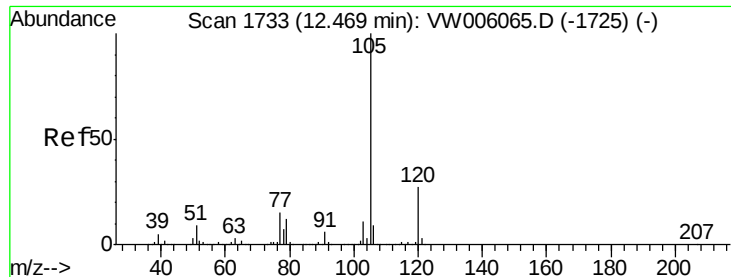
115 53.3 27.8 83.3

150 165.7 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: 22.51 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

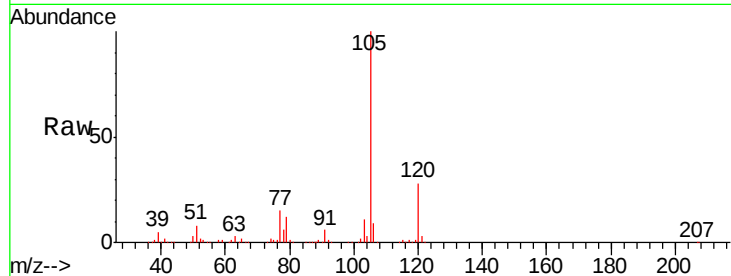
VW1031SBS02

Tgt Ion:105 Resp: 245508

Ion Ratio Lower Upper

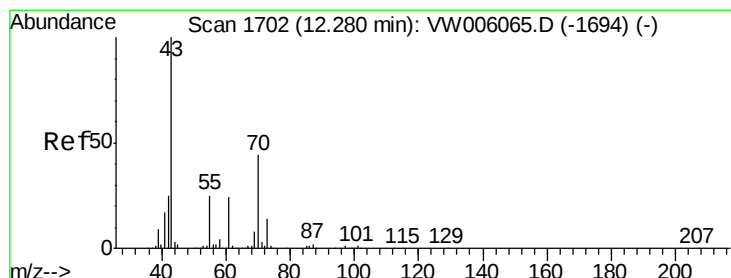
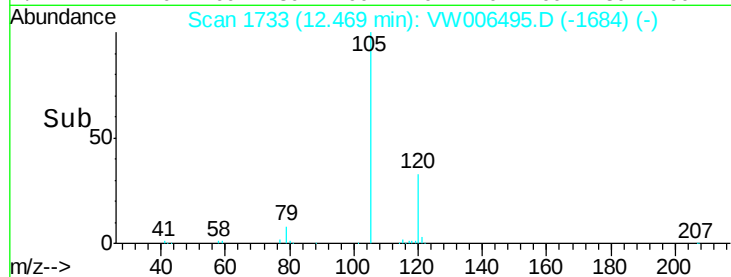
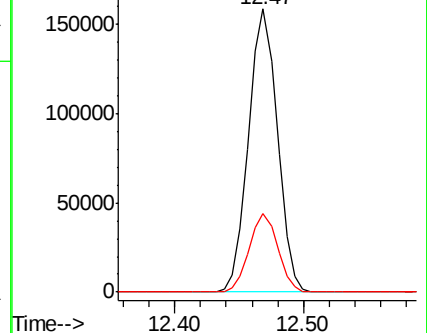
105 100

120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.57 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Tgt Ion: 43 Resp: 43578

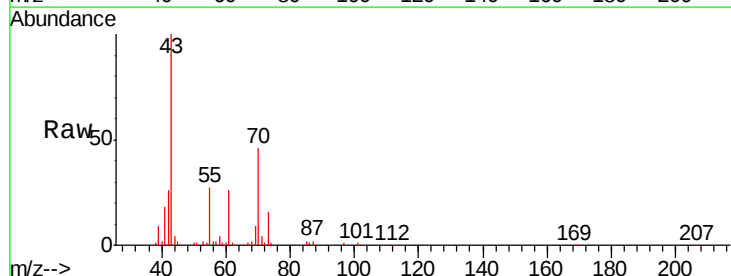
Ion Ratio Lower Upper

43 100

70 45.7 34.2 51.4

55 26.7 19.2 28.8

61 24.8 19.0 28.6

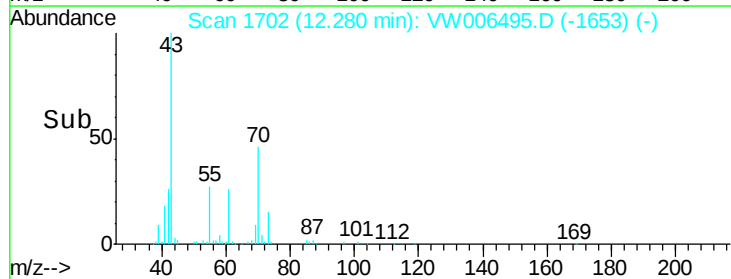
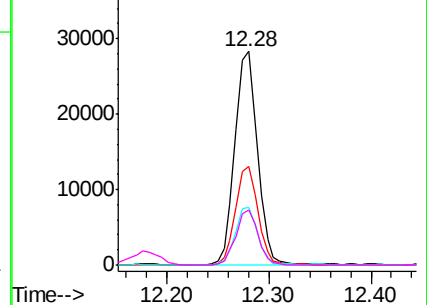


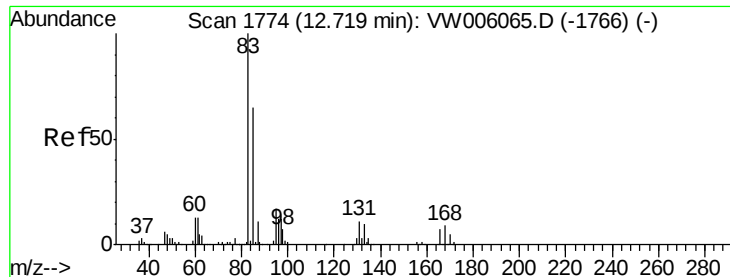
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 23.86 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBSD02

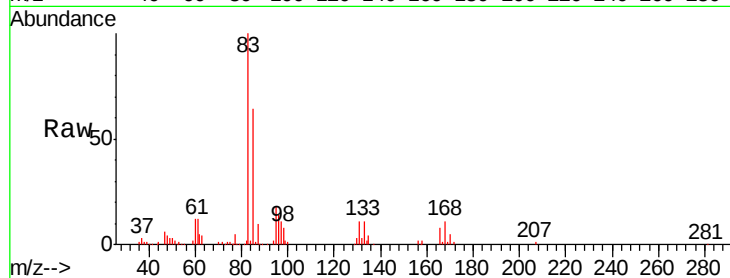
Tgt Ion: 83 Resp: 39592

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

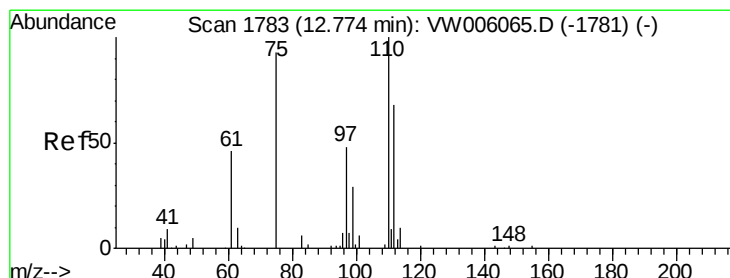
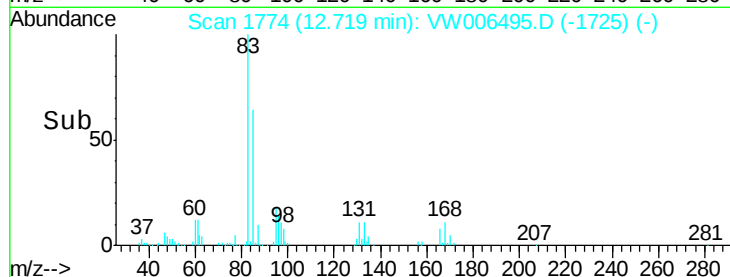
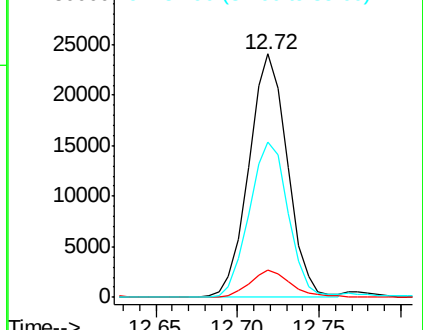
85 64.5 31.9 95.9



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: 41.85 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006495.D

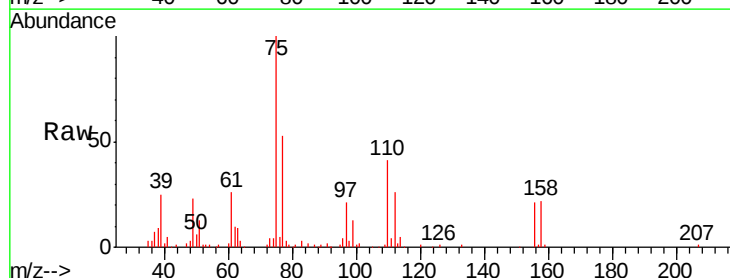
Acq: 30 Oct 2018 12:25

Tgt Ion: 75 Resp: 49358

Ion Ratio Lower Upper

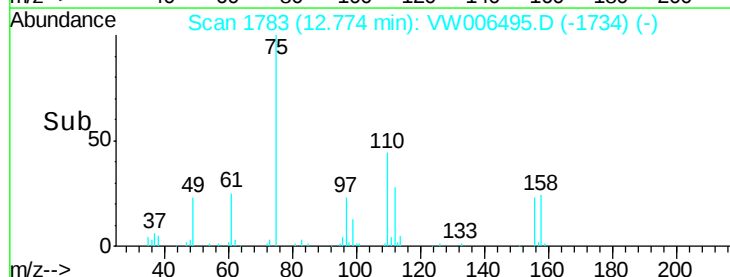
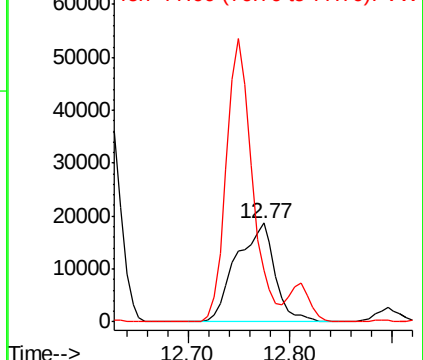
75 100

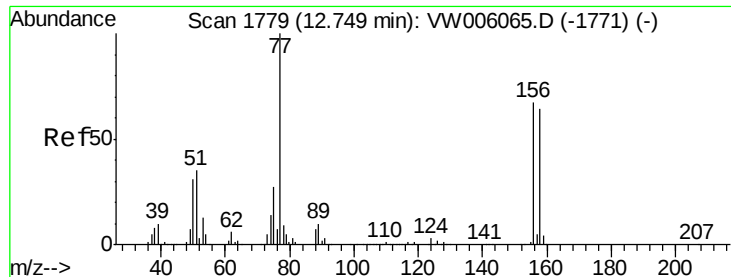
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 23.29 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBSD02

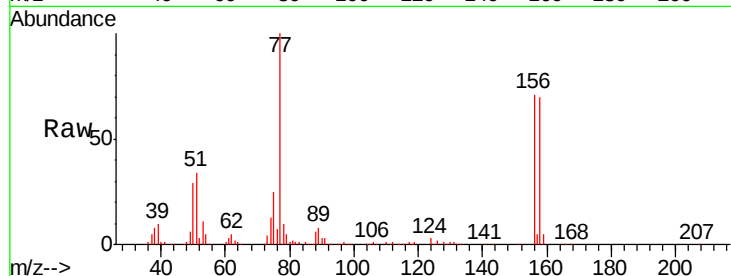
Tgt Ion:156 Resp: 62216

Ion Ratio Lower Upper

156 100

77 153.0 79.1 237.4

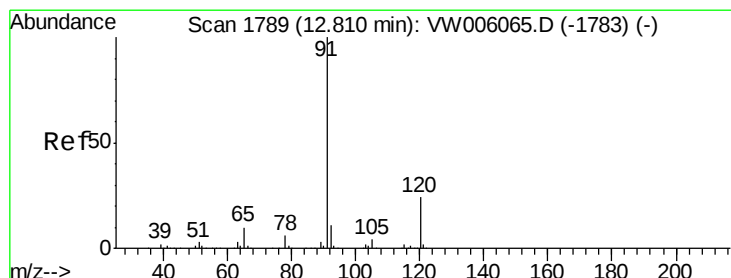
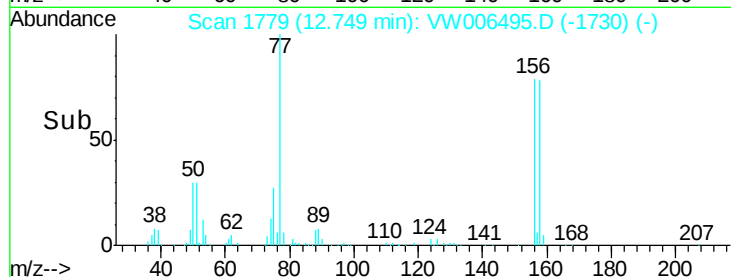
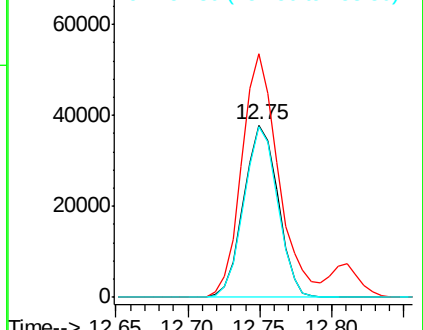
158 97.7 48.5 145.6



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: 22.75 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006495.D

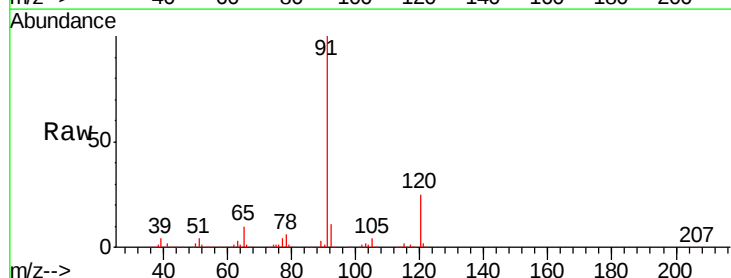
Acq: 30 Oct 2018 12:25

Tgt Ion: 91 Resp: 288667

Ion Ratio Lower Upper

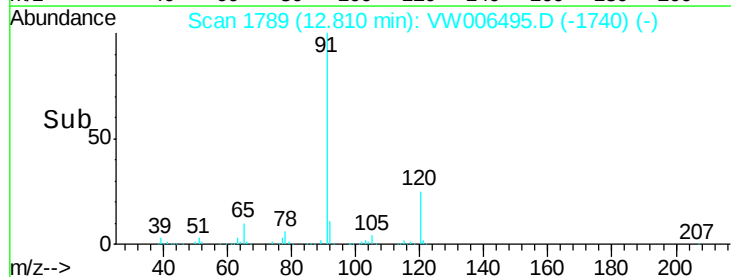
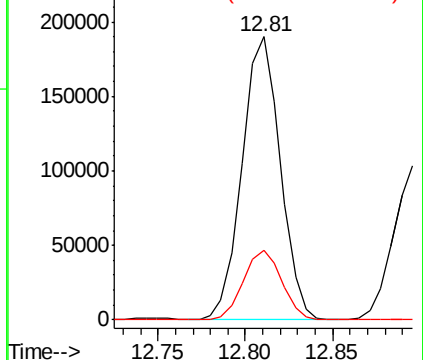
91 100

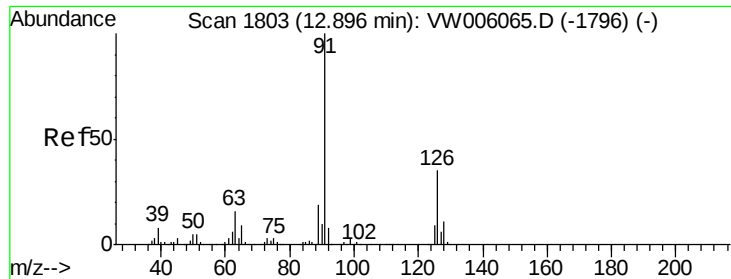
120 24.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.65 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

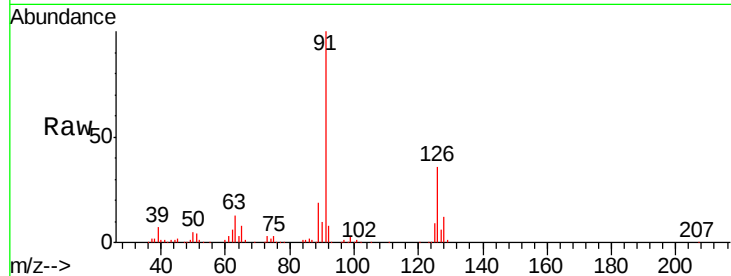
VW1031SBS02

Tgt Ion: 91 Resp: 161523

Ion Ratio Lower Upper

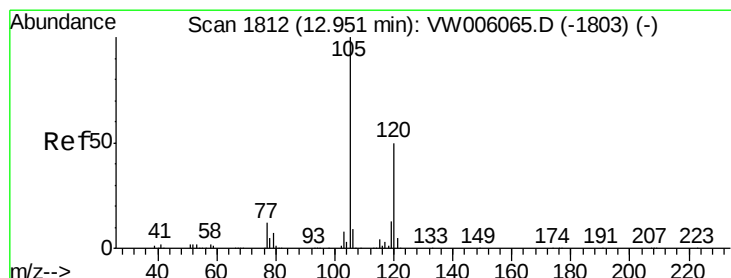
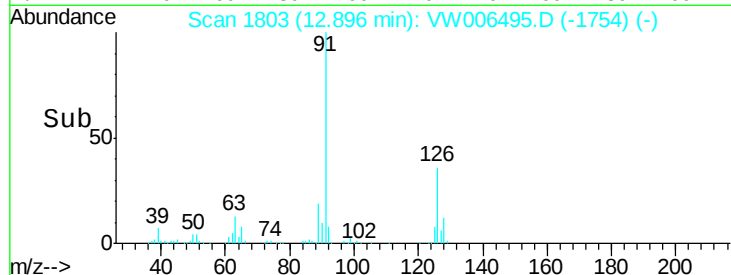
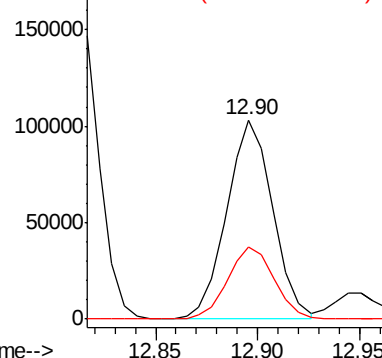
91 100

126 36.8 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.26 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006495.D

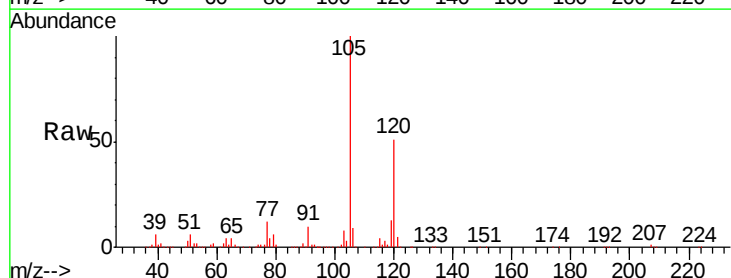
Acq: 30 Oct 2018 12:25

Tgt Ion: 105 Resp: 204732

Ion Ratio Lower Upper

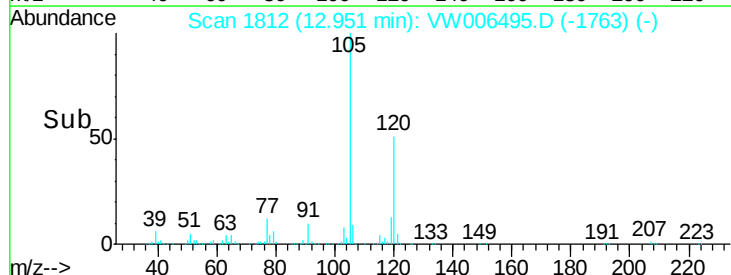
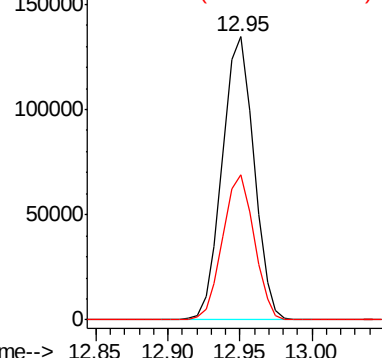
105 100

120 51.0 24.9 74.6



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: 20.72 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

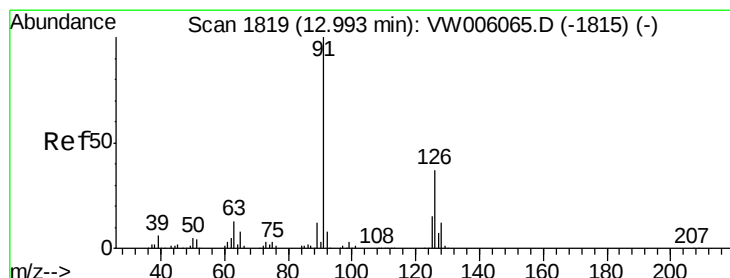
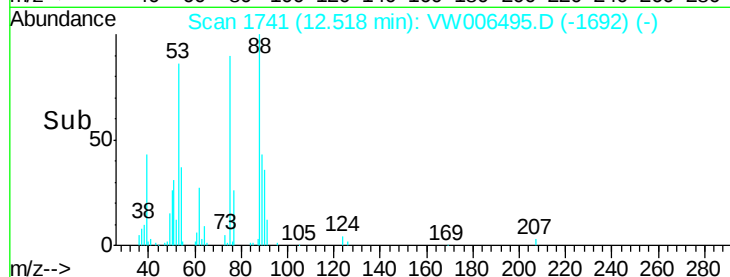
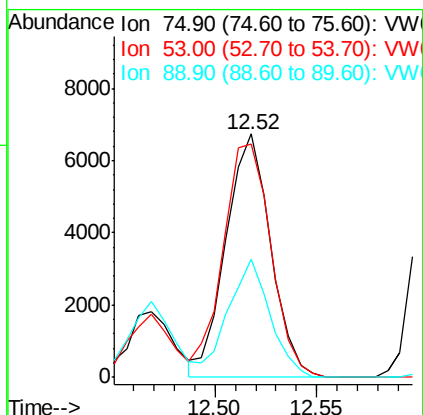
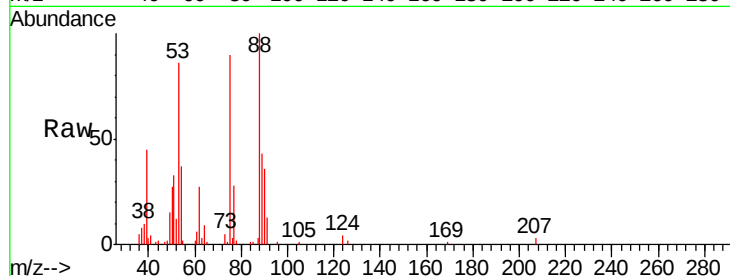
Tgt Ion: 75 Resp: 10223

Ion Ratio Lower Upper

75 100

53 103.4 79.8 119.6

89 44.9 37.5 56.3



#82

4-Chlorotoluene

Concen: 22.83 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006495.D

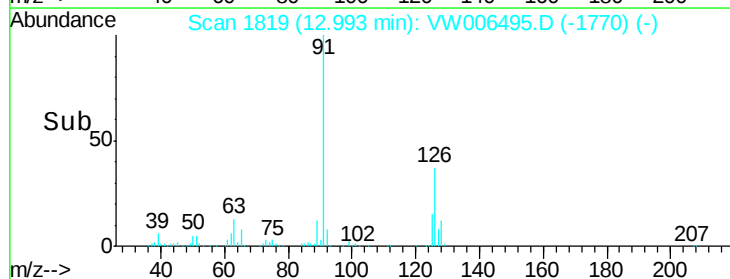
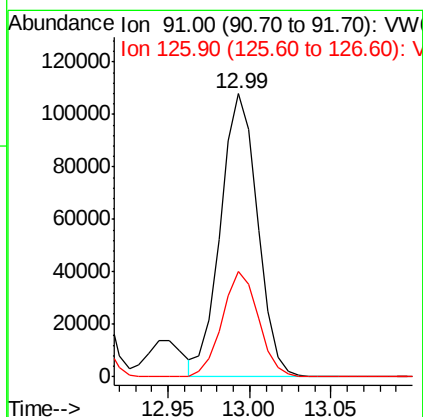
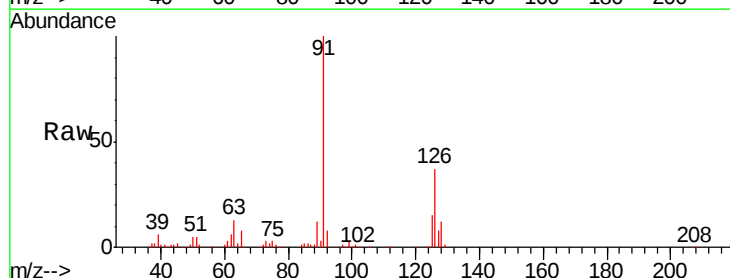
Acq: 30 Oct 2018 12:25

Tgt Ion: 91 Resp: 170490

Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.3

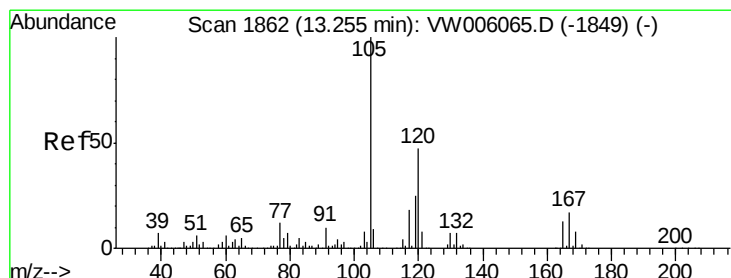
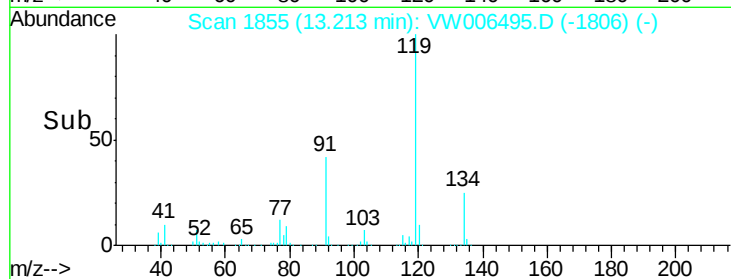
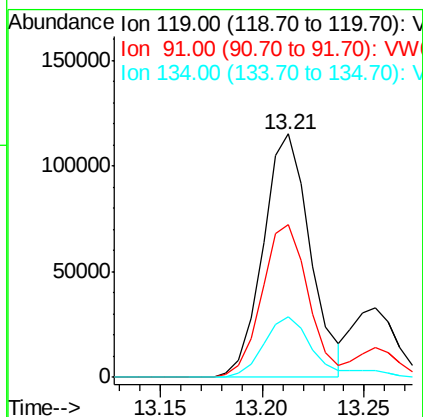
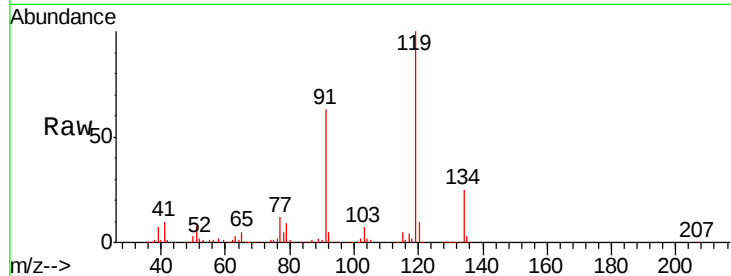




#83
 tert-Butylbenzene
 Concen: 22.54 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

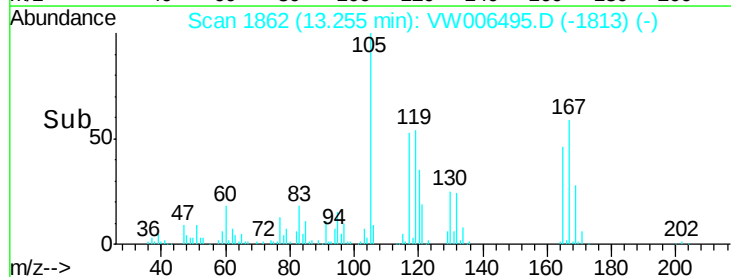
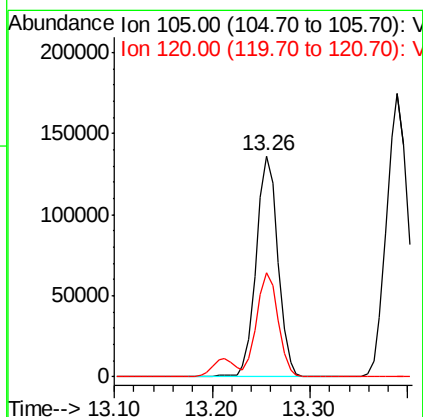
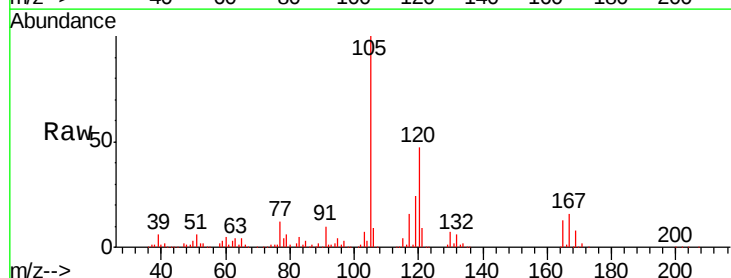
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS02

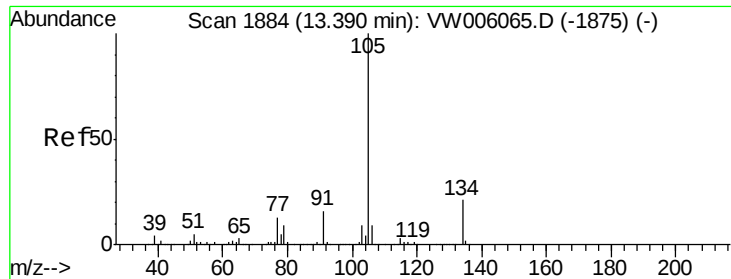
Tgt Ion:119 Resp: 185456
 Ion Ratio Lower Upper
 119 100
 91 61.9 32.3 96.9
 134 27.0 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.60 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion:105 Resp: 210344
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.3

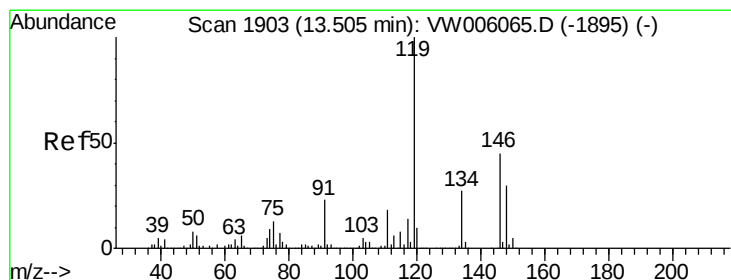
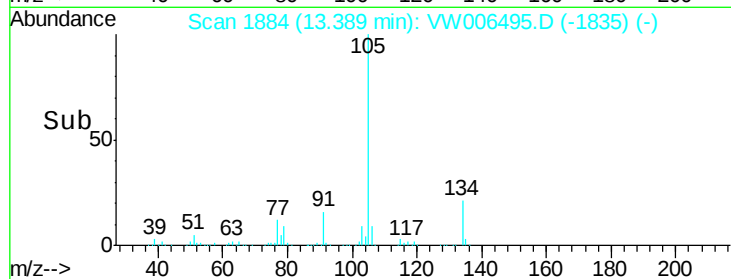
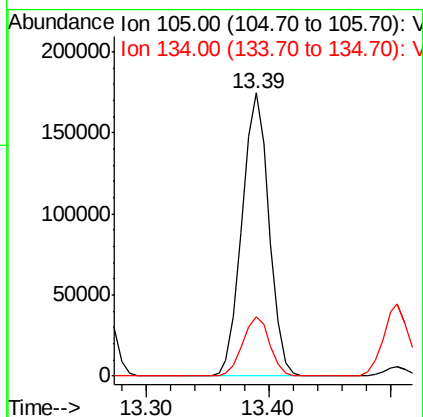
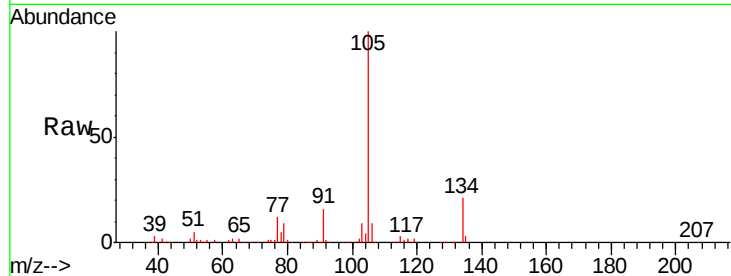




#85
 sec-Butylbenzene
 Concen: 22.93 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

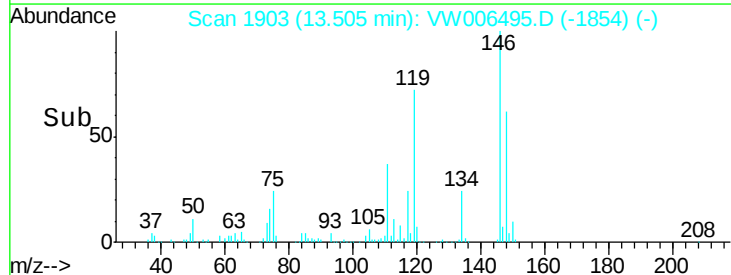
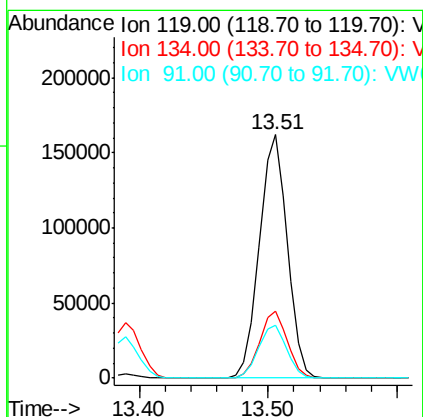
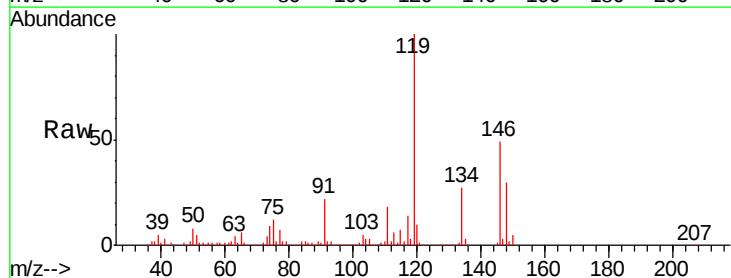
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS02

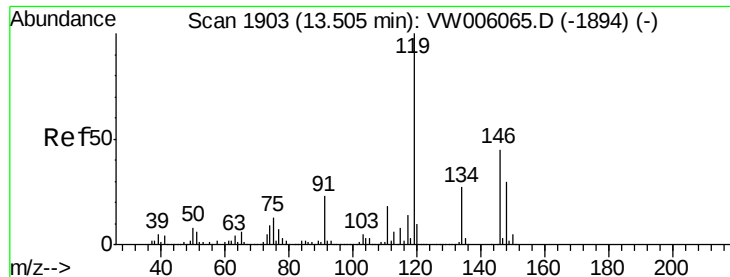
Tgt Ion:105 Resp: 266484
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 22.96 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion:119 Resp: 241420
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 21.8 11.4 34.1

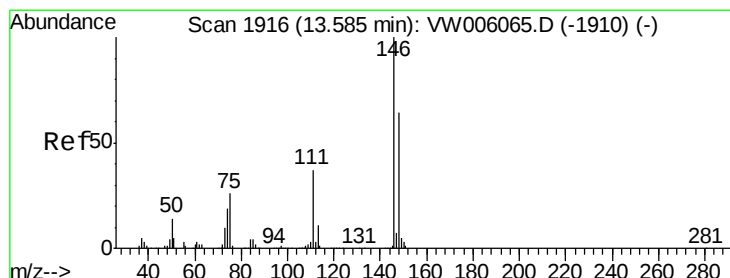
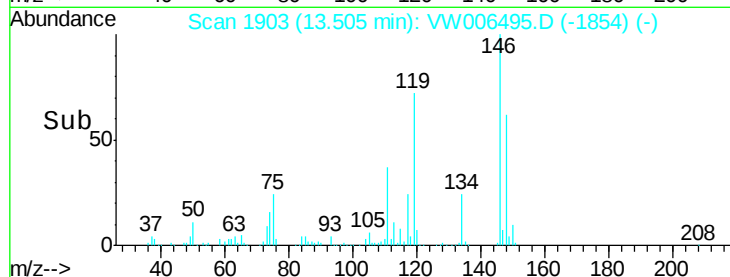
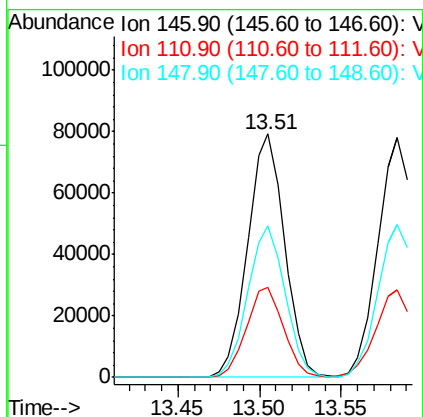
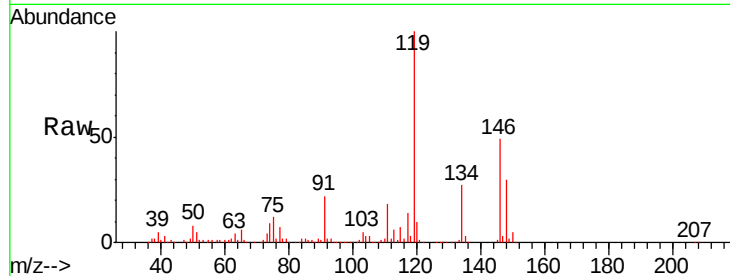




#87
 1,3-Dichlorobenzene
 Concen: 23.55 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

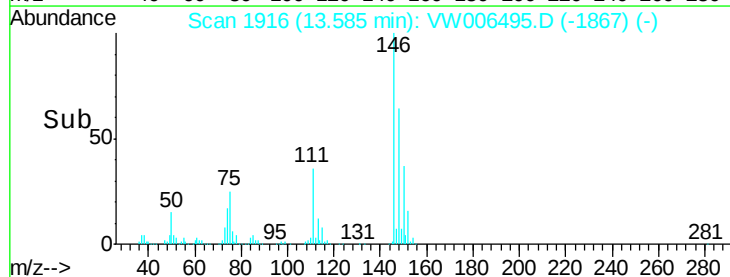
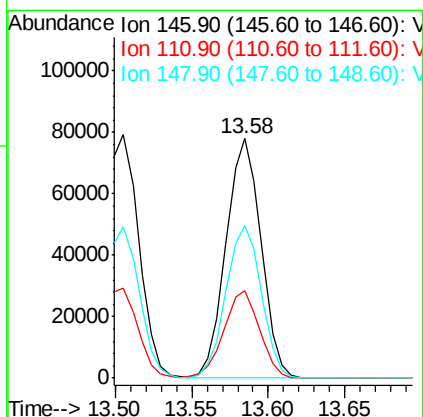
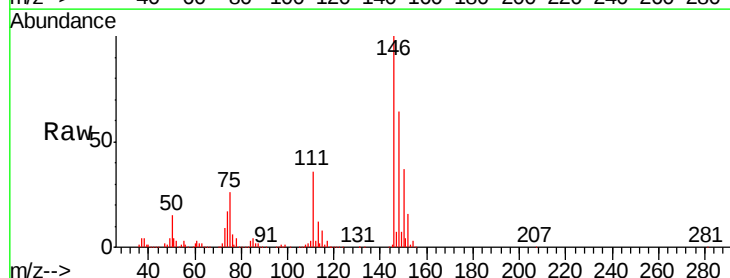
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBSD02

Tgt Ion:146 Resp: 125202
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.5
 148 63.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 23.35 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion:146 Resp: 123628
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 56.0
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 22.68 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

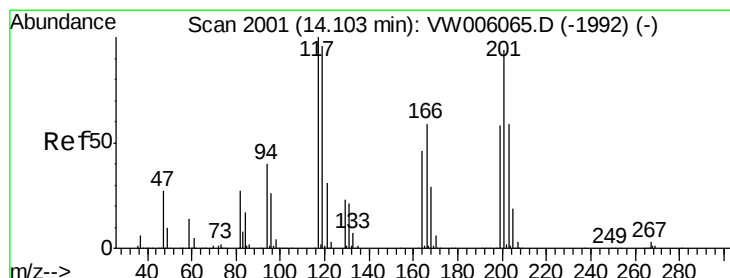
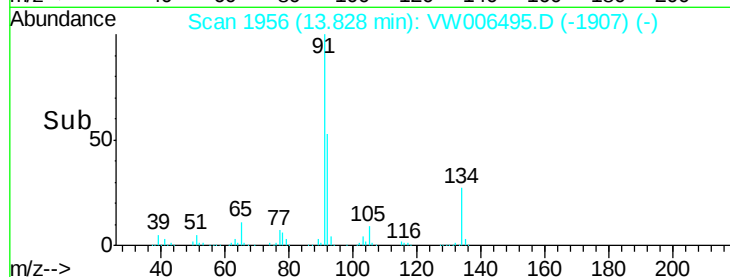
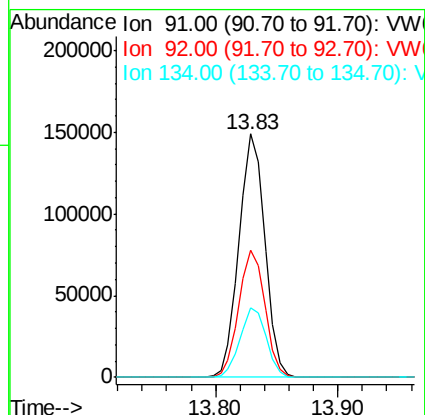
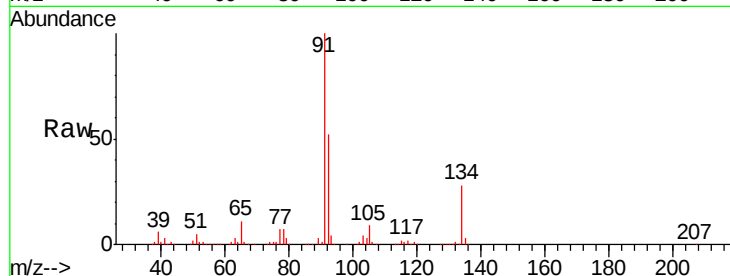
Tgt Ion: 91 Resp: 218057

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 29.0 14.0 41.9



#90

Hexachloroethane

Concen: 21.45 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006495.D

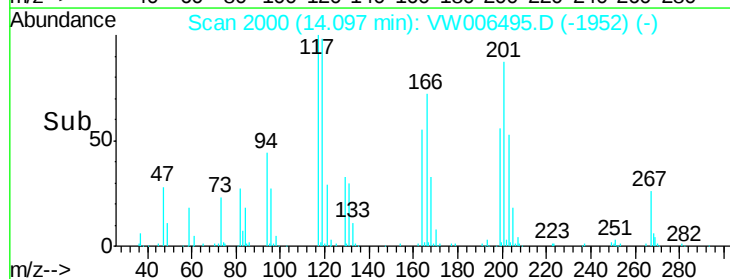
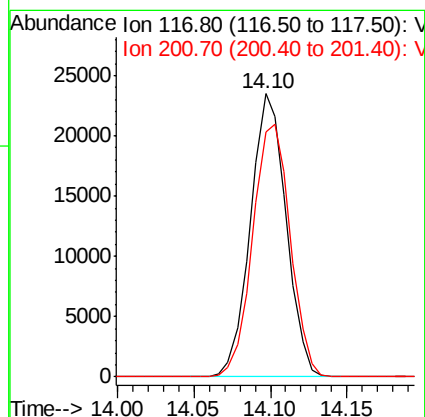
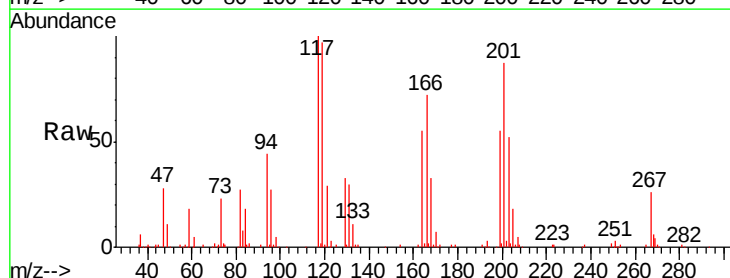
Acq: 30 Oct 2018 12:25

Tgt Ion: 117 Resp: 38199

Ion Ratio Lower Upper

117 100

201 94.0 45.3 135.9





#91

1,2-Dichlorobenzene

Concen: 23.20 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBS02

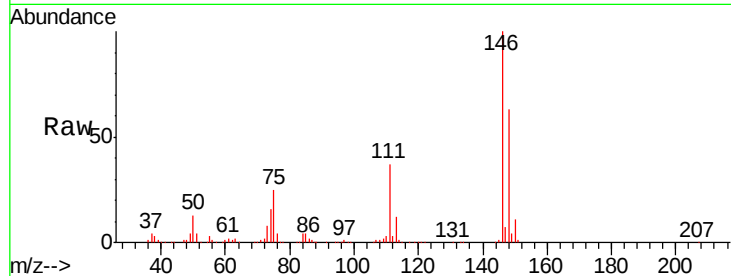
Tgt Ion:146 Resp: 110017

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

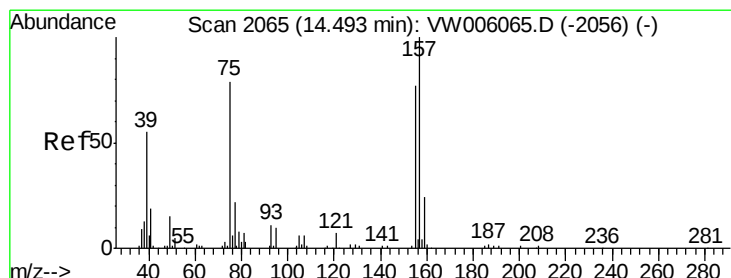
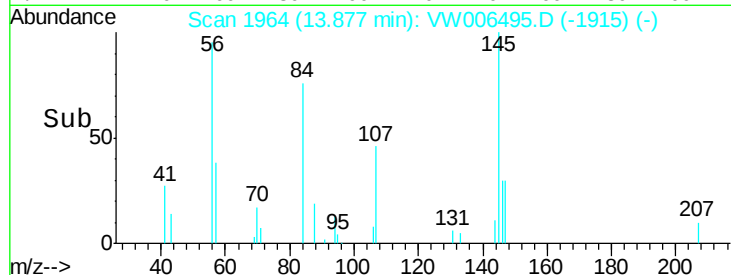
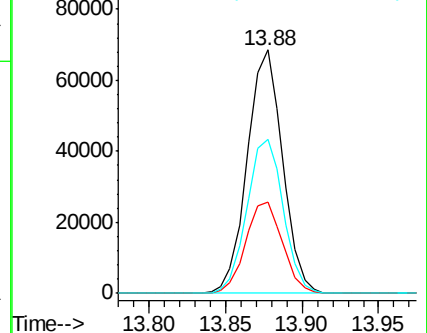
148 65.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.46 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006495.D

Acq: 30 Oct 2018 12:25

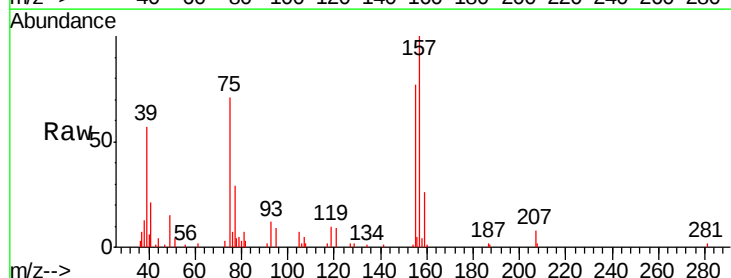
Tgt Ion: 75 Resp: 6375

Ion Ratio Lower Upper

75 100

155 97.3 46.5 139.5

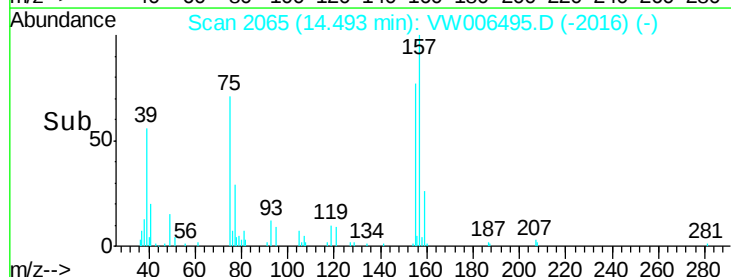
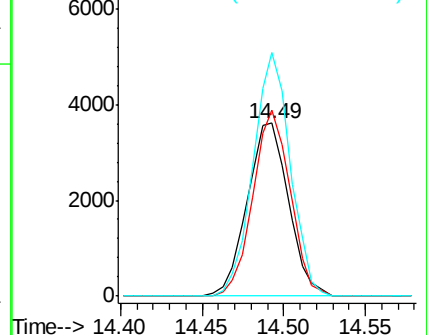
157 126.8 59.8 179.4

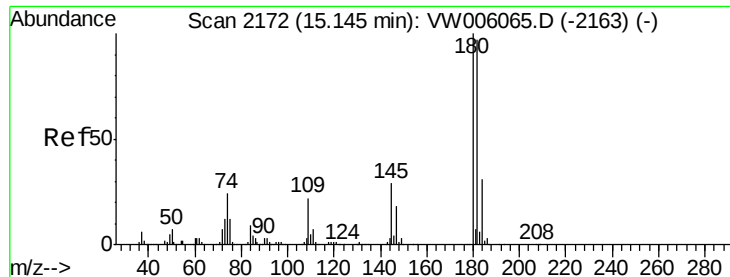


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

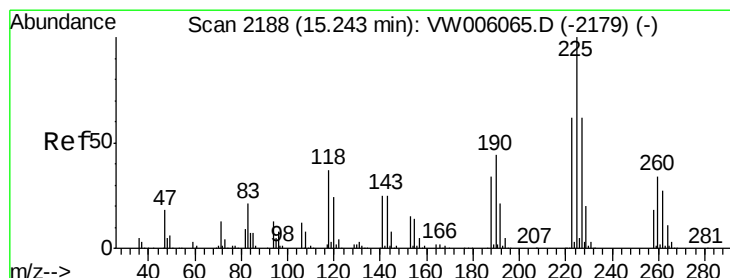
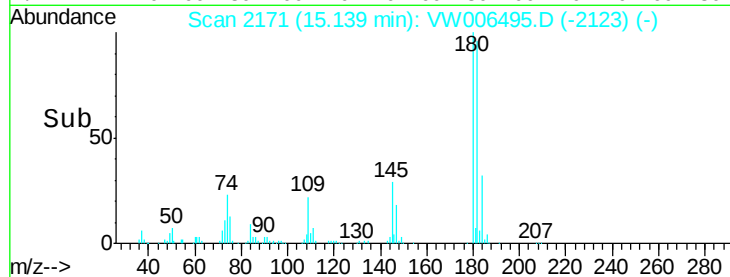
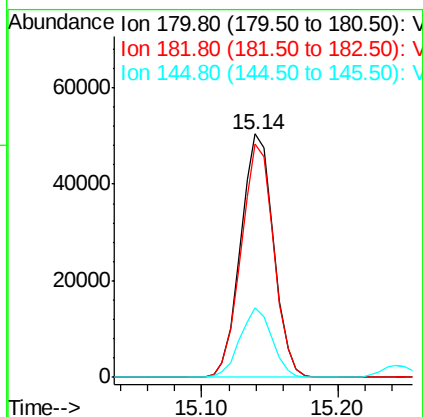
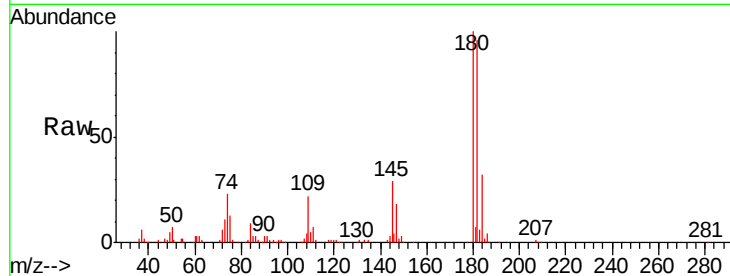




#93
 1,2,4-Trichlorobenzene
 Concen: 23.30 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

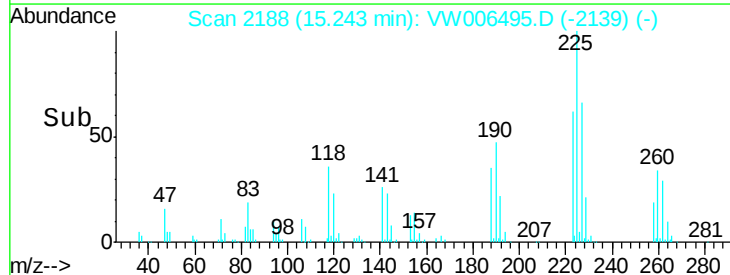
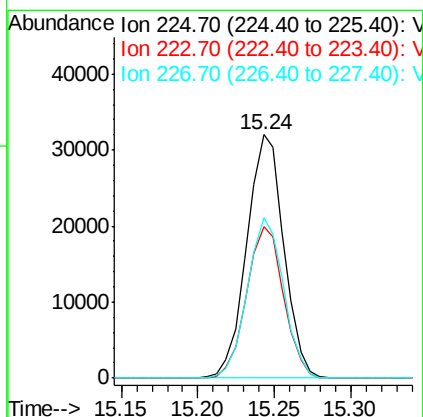
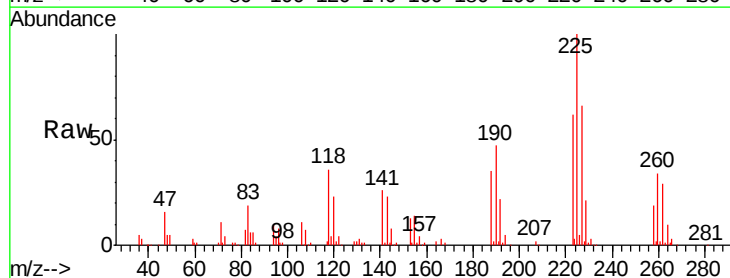
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS02

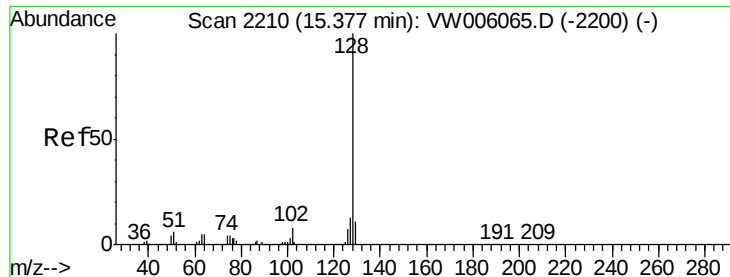
Tgt Ion:180 Resp: 85032
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.6
 145 28.1 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 23.45 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006495.D
 Acq: 30 Oct 2018 12:25

Tgt Ion:225 Resp: 53753
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 64.8 32.4 97.0

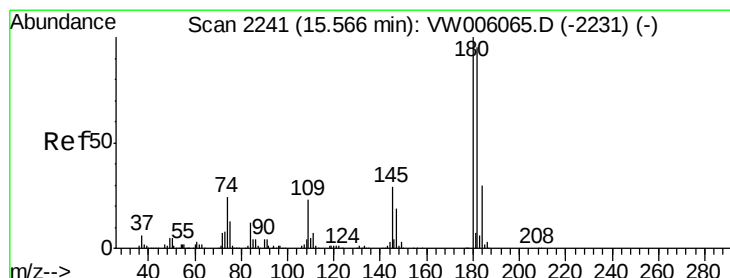
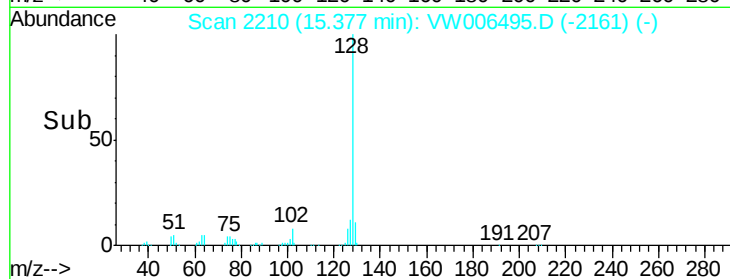
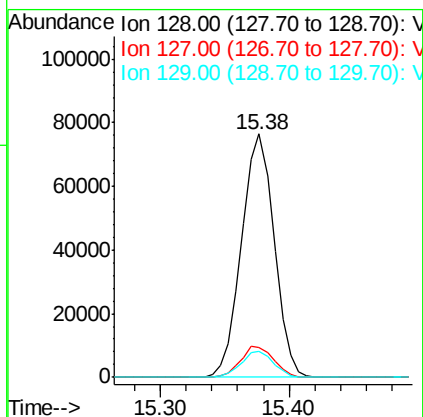
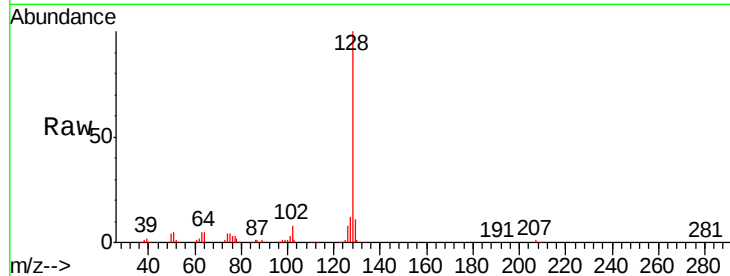




#95
Naphthalene
Concen: 22.11 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBSD02

Tgt Ion:128 Resp: 134217
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.45 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006495.D
Acq: 30 Oct 2018 12:25

Tgt Ion:180 Resp: 74036
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 29.7 15.0 45.1

