

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007206.D
 Acq On : 05 Dec 2018 01:26
 Operator : SY/AP
 Sample : VW1204SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Quant Time: Dec 05 07:24:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	162139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77638	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	51325	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
35) Dibromofluoromethane	7.88	113	47714	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
50) Toluene-d8	10.33	98	208153	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	78093	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	23244	20.803	ug/l	100
3) Chloromethane	2.21	50	29508	20.854	ug/l	100
4) Vinyl Chloride	2.35	62	17637	19.907	ug/l	97
5) Bromomethane	2.75	94	10549	23.762	ug/l	99
6) Chloroethane	2.90	64	10271	20.662	ug/l	98
7) Trichlorofluoromethane	3.25	101	34158	19.776	ug/l	97
8) Diethyl Ether	3.68	74	10976	22.797	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20122	19.285	ug/l	99
10) Methyl Iodide	4.28	142	16134	18.151	ug/l	99
11) Tert butyl alcohol	5.15	59	9216	89.380	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	19265	19.702	ug/l	93
13) Acrolein	3.90	56	7591	113.936	ug/l	98
14) Allyl chloride	4.67	41	31265	19.947	ug/l	99
15) Acrylonitrile	5.37	53	24391	121.182	ug/l	99
16) Acetone	4.12	43	20870	92.715	ug/l	96
17) Carbon Disulfide	4.38	76	62926	19.523	ug/l	97
18) Methyl Acetate	4.67	43	13169	25.630	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	52727	22.902	ug/l	100
20) Methylene Chloride	4.92	84	26421	20.199	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	22142	20.279	ug/l	96
22) Diisopropyl ether	6.31	45	60517	21.508	ug/l	95
23) Vinyl Acetate	6.26	43	169821	110.612	ug/l	100
24) 1,1-Dichloroethane	6.22	63	37125	20.586	ug/l	100
25) 2-Butanone	7.18	43	27939	107.073	ug/l	96
26) 2,2-Dichloropropane	7.17	77	31165	17.983	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	24556	20.980	ug/l	99
28) Bromochloromethane	7.51	49	14260	21.929	ug/l	100
29) Tetrahydrofuran	7.53	42	20128	124.828	ug/l	99
30) Chloroform	7.68	83	39174	20.901	ug/l	98
31) Cyclohexane	7.96	56	35430	18.777	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	35384	20.061	ug/l	99
36) 1,1-Dichloropropene	8.09	75	30641	19.422	ug/l	99
37) Ethyl Acetate	7.26	43	13362	23.414	ug/l	99
38) Carbon Tetrachloride	8.07	117	29932	18.588	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38696	18.322	ug/l	97
40) Benzene	8.33	78	87181	20.152	ug/l	97
41) Methacrylonitrile	7.49	41	8557	25.034	ug/l	98
42) 1,2-Dichloroethane	8.40	62	25832	21.366	ug/l	98
43) Isopropyl Acetate	8.43	43	25601	23.098	ug/l	99
44) Trichloroethene	9.09	130	24226	19.922	ug/l	98
45) 1,2-Dichloropropane	9.37	63	21268	21.126	ug/l	99
46) Dibromomethane	9.46	93	11443	21.875	ug/l	98
47) Bromodichloromethane	9.65	83	28157	20.463	ug/l	95
48) Methyl methacrylate	9.44	41	13644	23.719	ug/l	97
49) 1,4-Dioxane	9.45	88	4286	469.013	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	63764	116.741	ug/l	99
52) Toluene	10.39	92	59140	19.652	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	28755	20.785	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	33349	20.569	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	15997	21.499	ug/l	95
56) Ethyl methacrylate	10.65	69	22250	22.923	ug/l	98
57) 1,3-Dichloropropane	10.93	76	26294	20.931	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	47934	122.950	ug/l	99
59) 2-Hexanone	10.97	43	44881	113.350	ug/l	95
60) Dibromochloromethane	11.13	129	19435	21.251	ug/l	97
61) 1,2-Dibromoethane	11.24	107	15609	21.871	ug/l	99
64) Tetrachloroethene	10.87	164	23127	21.303	ug/l	96
65) Chlorobenzene	11.66	112	68119	20.527	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	21538	21.015	ug/l	96
67) Ethyl Benzene	11.74	91	119259	19.718	ug/l	98
68) m/p-Xylenes	11.84	106	94840	39.970	ug/l	100
69) o-Xylene	12.17	106	43906	19.805	ug/l	91
70) Styrene	12.18	104	73886	20.360	ug/l	98
71) Bromoform	12.35	173	11184	21.799	ug/l #	98
73) Isopropylbenzene	12.47	105	116932	18.518	ug/l	98
74) N-amyl acetate	12.27	43	23655	21.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	18770	22.888	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	25093	21.507	ug/l #	100
77) Bromobenzene	12.75	156	26774	19.643	ug/l	99
78) n-propylbenzene	12.81	91	138725	18.440	ug/l	99
79) 2-Chlorotoluene	12.90	91	84068	19.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	104329	19.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5987	21.465	ug/l	97
82) 4-Chlorotoluene	12.99	91	88928	19.677	ug/l	96
83) tert-Butylbenzene	13.21	119	90960	19.268	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	101966	18.491	ug/l	94
85) sec-Butylbenzene	13.39	105	127789	18.962	ug/l	98
86) p-Isopropyltoluene	13.51	119	115184	19.199	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	55420	19.806	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	52931	18.728	ug/l	96
89) n-Butylbenzene	13.83	91	103429	18.449	ug/l	98
90) Hexachloroethane	14.10	117	16516	18.065	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	47129	19.456	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3260	20.520	ug/l	98

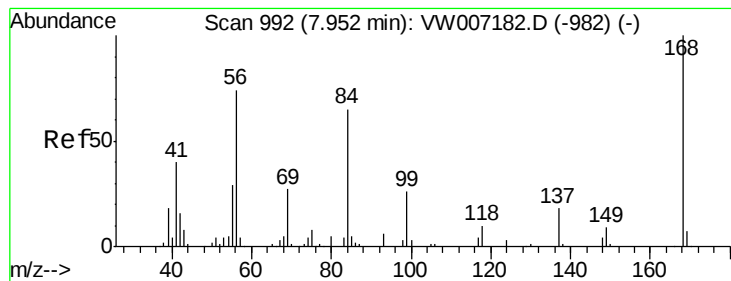
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30836	18.369	ug/l	99
94) Hexachlorobutadiene	15.24	225	16217	17.915	ug/l	96
95) Naphthalene	15.38	128	61542	20.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26044	18.399	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

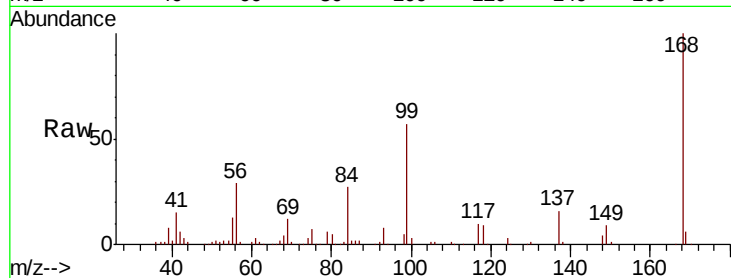
VW1204SBSD02

Tot Ion:168 Resp: 102127

Ion Ratio Lower Upper

168 100

99 56.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

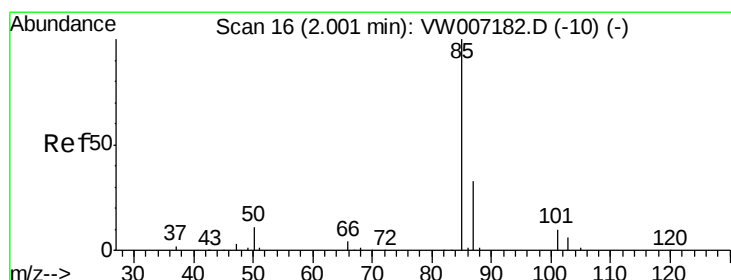
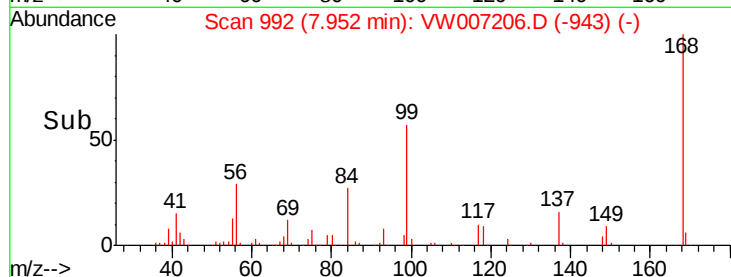
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.803 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007206.D

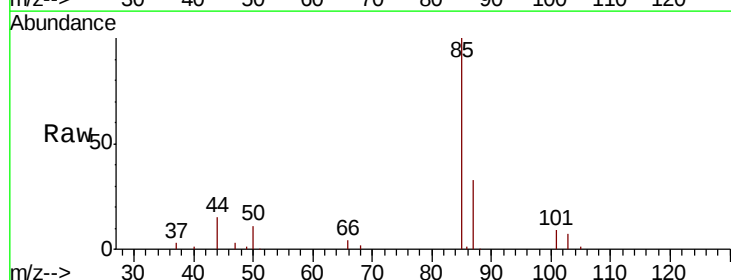
Acq: 05 Dec 2018 01:26

Tgt Ion: 85 Resp: 23244

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

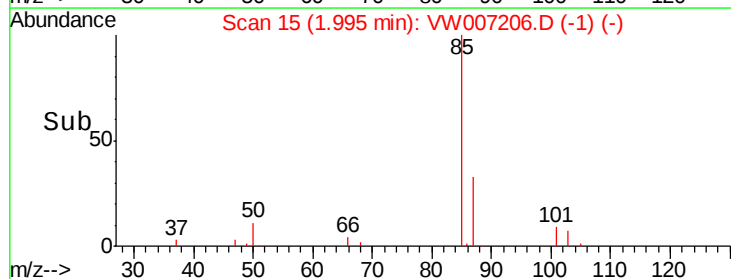
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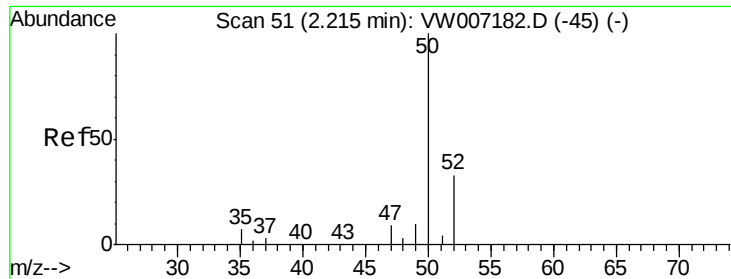
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.854 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

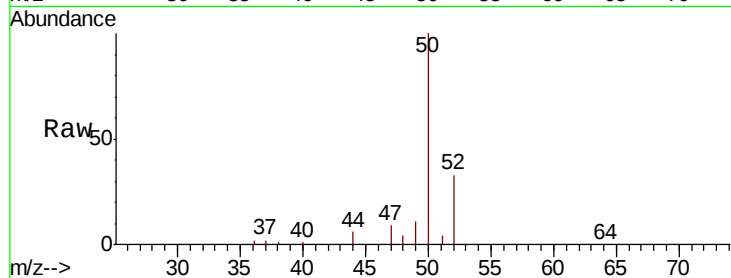
VW1204SBSD02

Tot Ion: 50 Resp: 29508

Ion Ratio Lower Upper

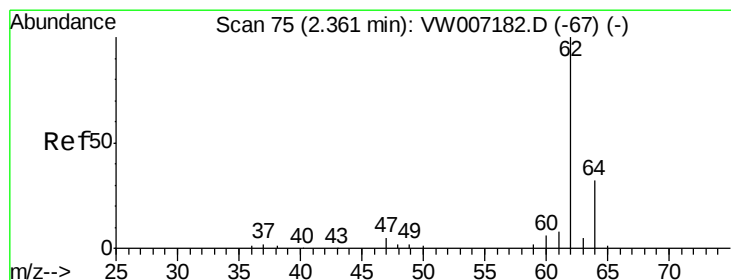
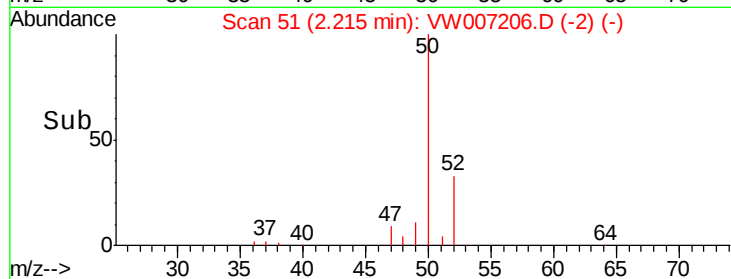
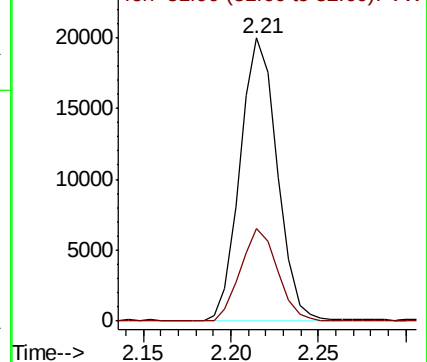
50 100

52 32.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 19.907 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007206.D

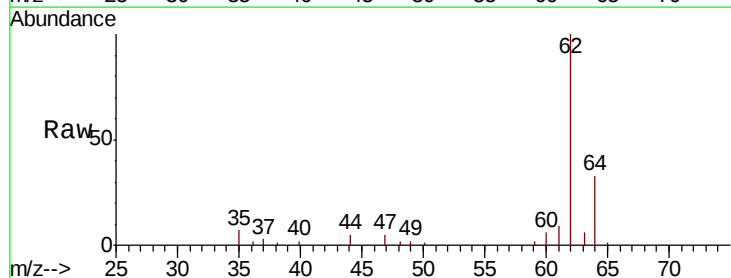
Acq: 05 Dec 2018 01:26

Tgt Ion: 62 Resp: 17637

Ion Ratio Lower Upper

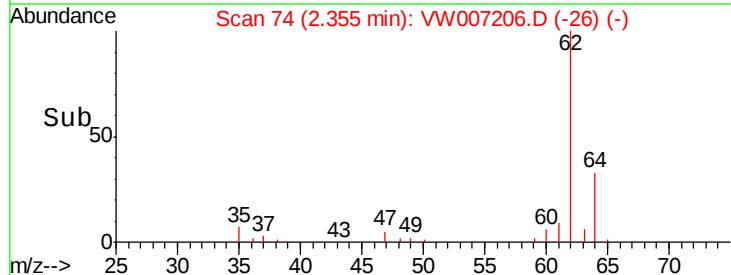
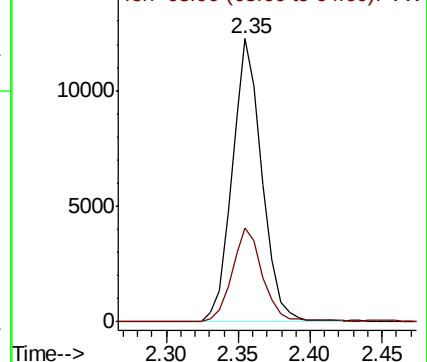
62 100

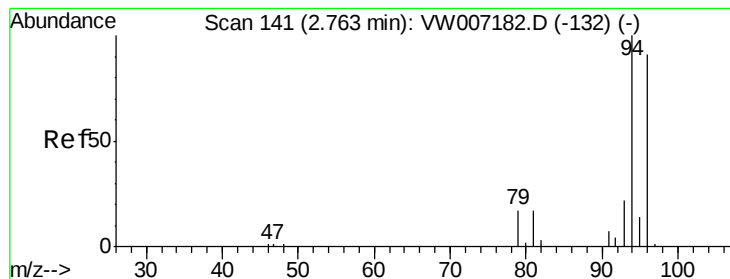
64 33.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.762 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

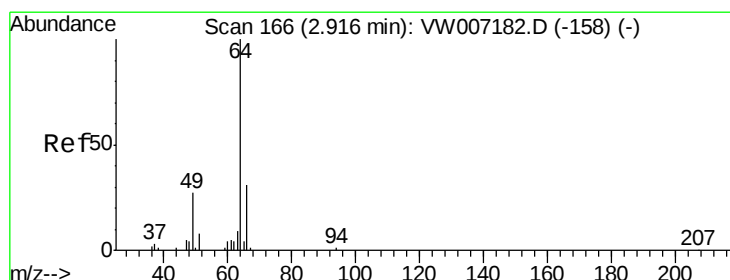
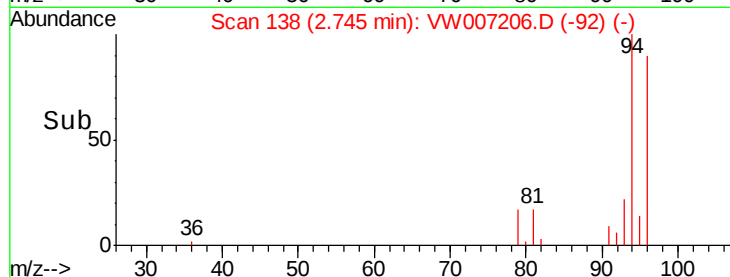
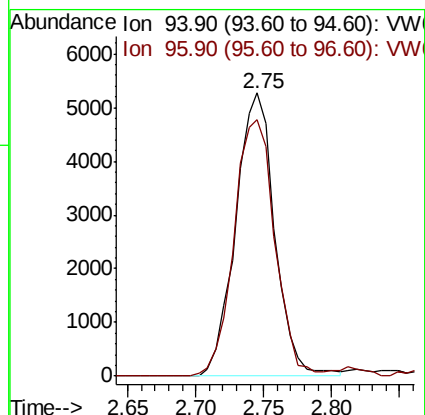
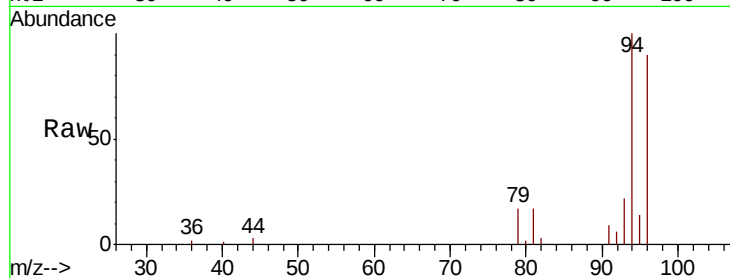
VW1204SBSD02

Tot Ion: 94 Resp: 10549

Ion Ratio Lower Upper

94 100

96 90.4 72.8 109.2



#6

Chloroethane

Concen: 20.662 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW007206.D

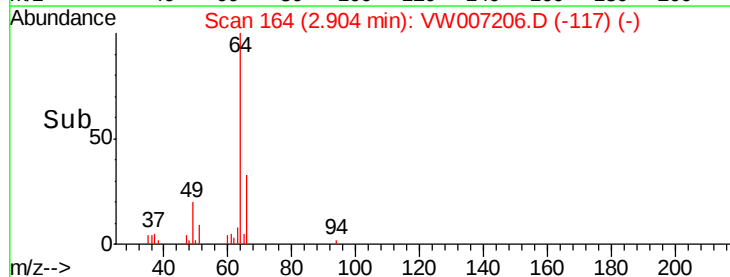
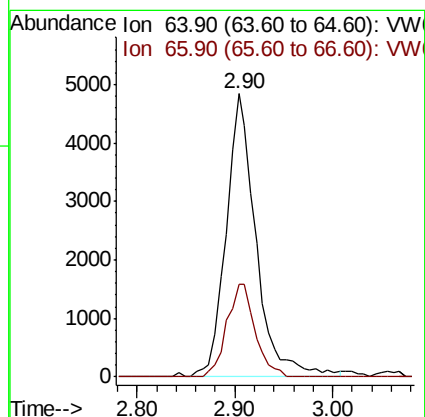
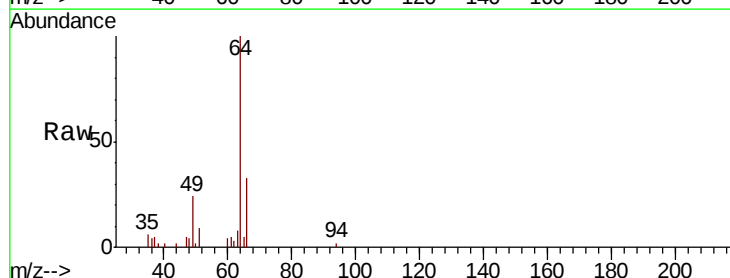
Acq: 05 Dec 2018 01:26

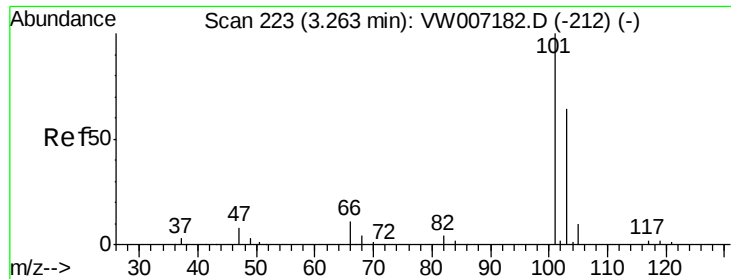
Tgt Ion: 64 Resp: 10271

Ion Ratio Lower Upper

64 100

66 32.7 25.0 37.6



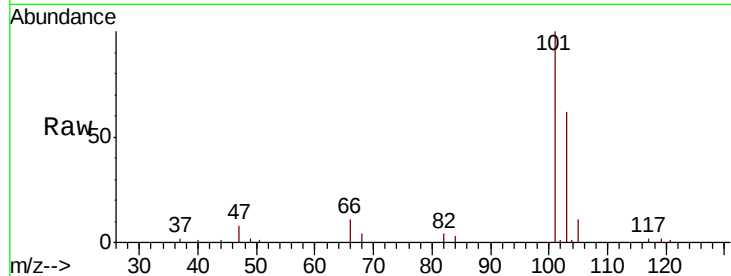


#7

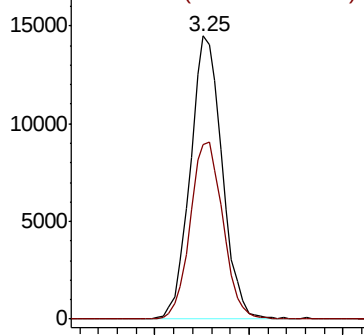
Trichlorofluoromethane
Concen: 19.776 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007206.D
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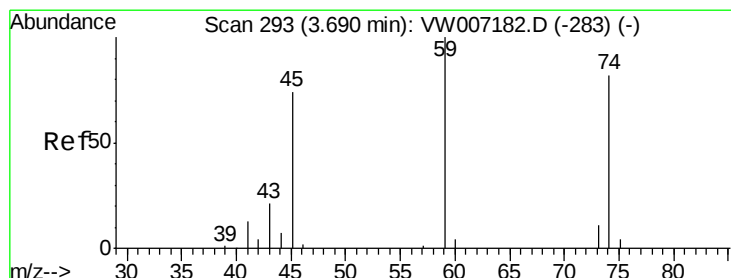
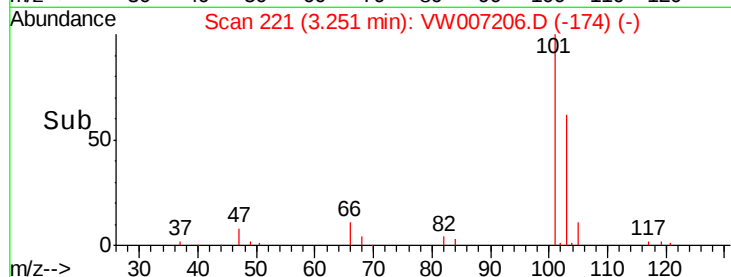
Tot Ion:101 Resp: 34158
Ion Ratio Lower Upper
101 100
103 61.5 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



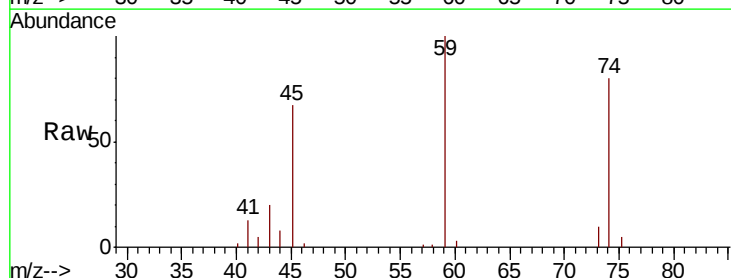
Time-->



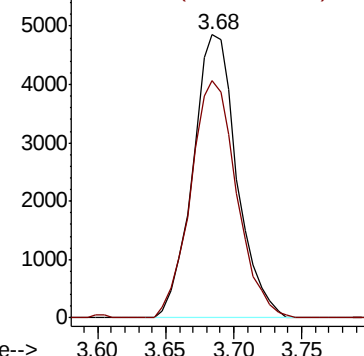
#8

Diethyl Ether
Concen: 22.797 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

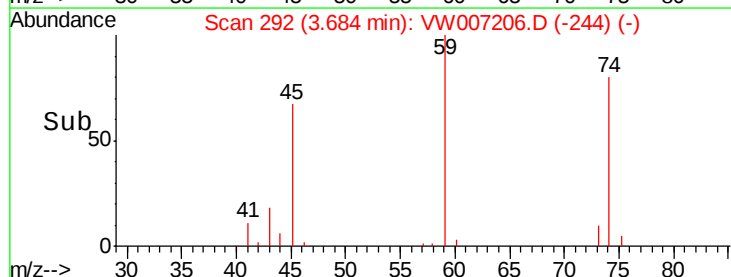
Tgt Ion: 74 Resp: 10976
Ion Ratio Lower Upper
74 100
45 87.6 47.2 141.6

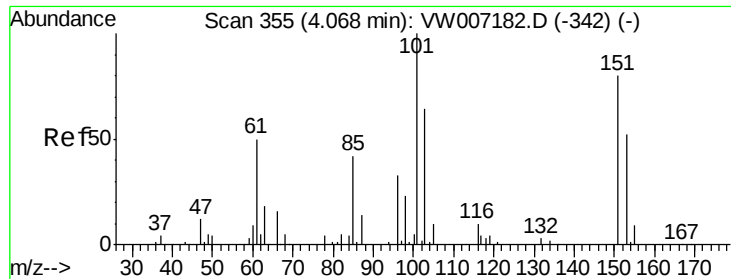


Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.285 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

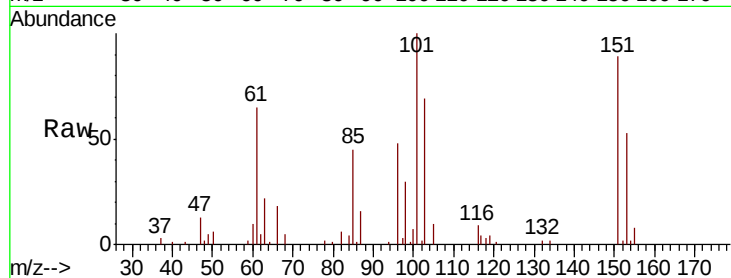
Tot Ion:101 Resp: 20122

Ion Ratio Lower Upper

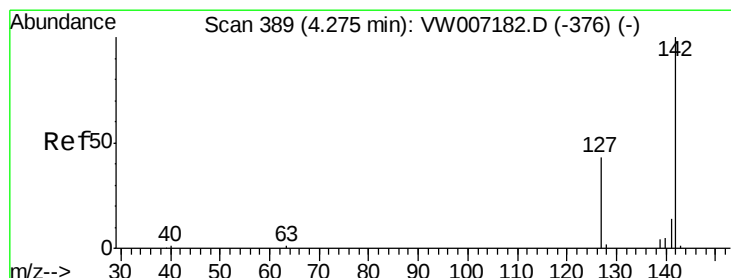
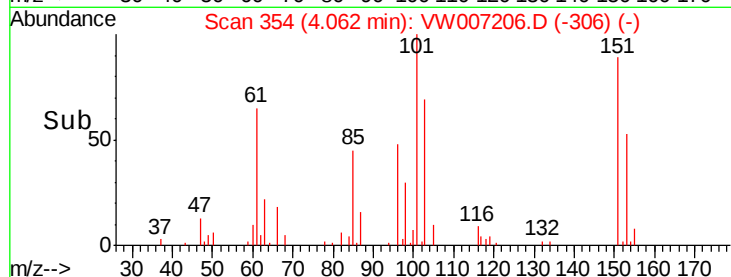
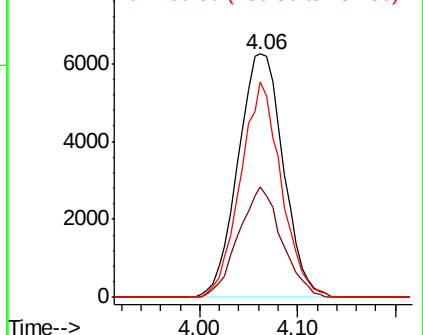
101 100

85 43.2 33.4 50.2

151 79.5 63.9 95.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.151 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

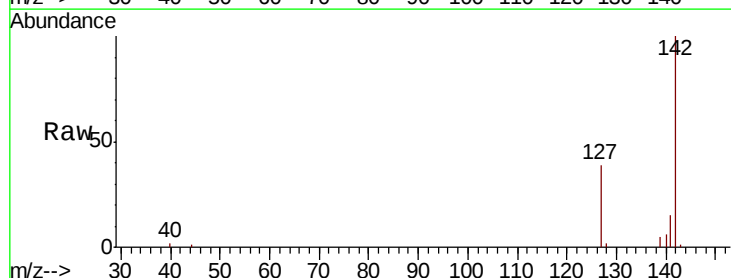
Tgt Ion:142 Resp: 16134

Ion Ratio Lower Upper

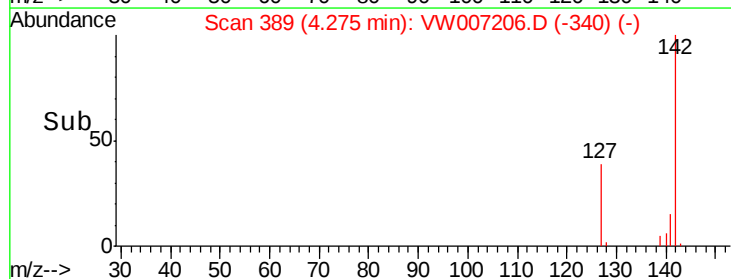
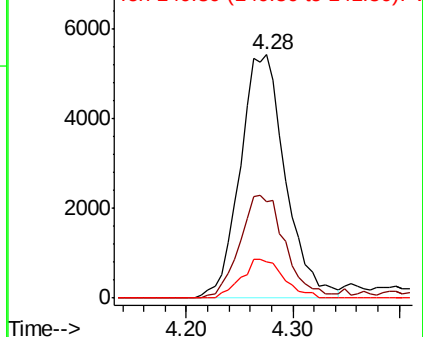
142 100

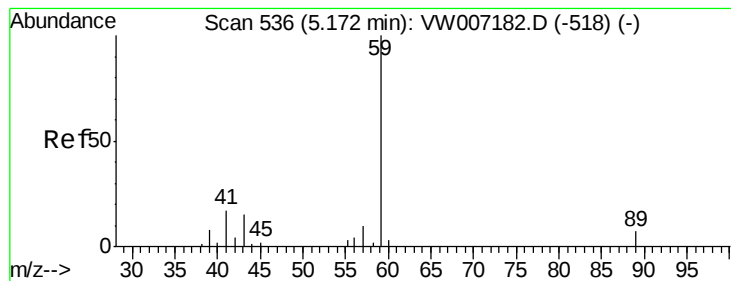
127 42.5 34.9 52.3

141 14.9 11.7 17.5



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: 89.380 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

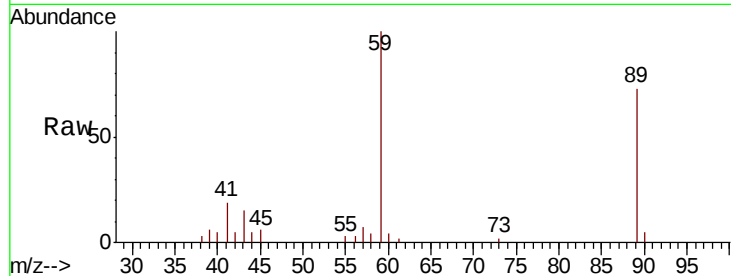
VW1204SBSD02

Tot Ion: 59 Resp: 9216

Ion Ratio Lower Upper

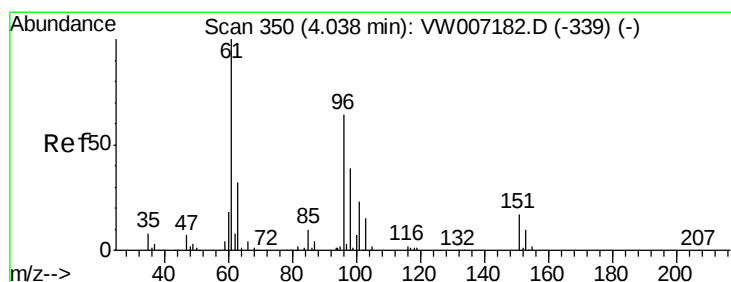
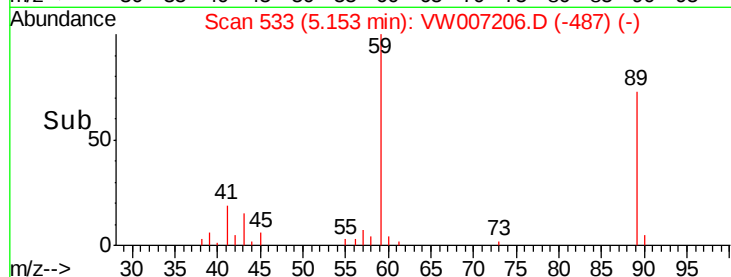
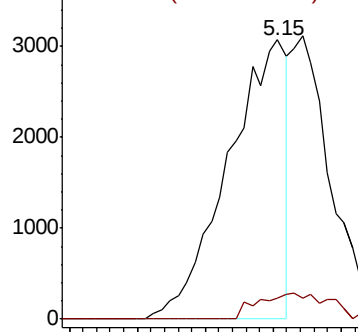
59 100

57 11.3 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 19.702 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

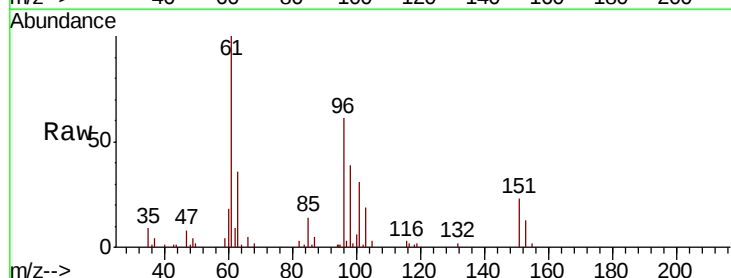
Tgt Ion: 96 Resp: 19265

Ion Ratio Lower Upper

96 100

61 164.6 124.1 186.1

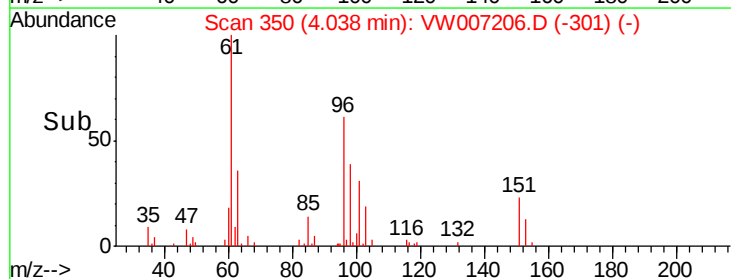
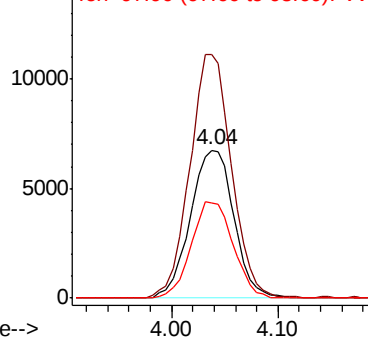
98 64.4 48.6 72.8

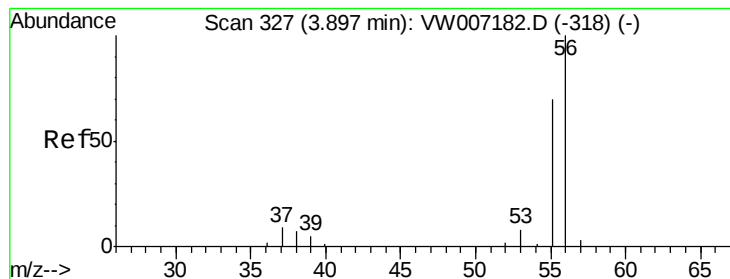


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 113.936 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

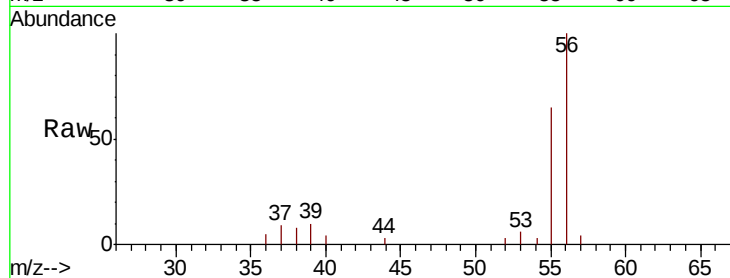
VW1204SBSD02

Tot Ion: 56 Resp: 7591

Ion Ratio Lower Upper

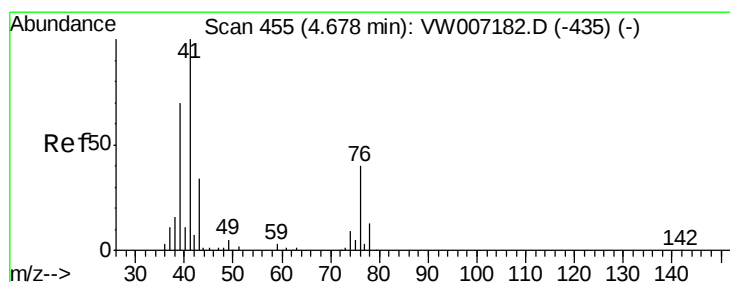
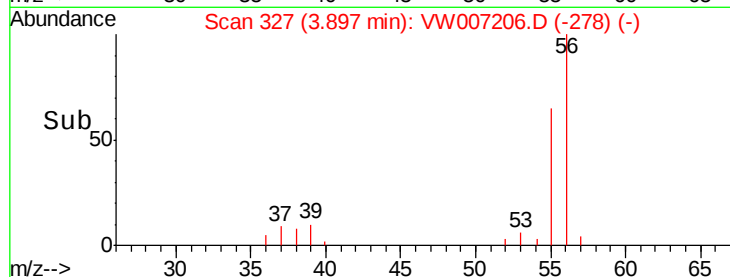
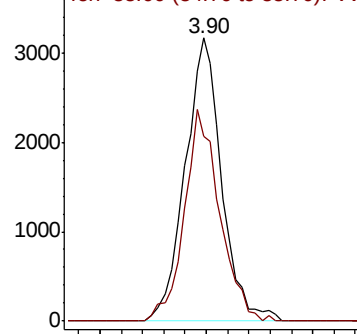
56 100

55 72.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.947 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

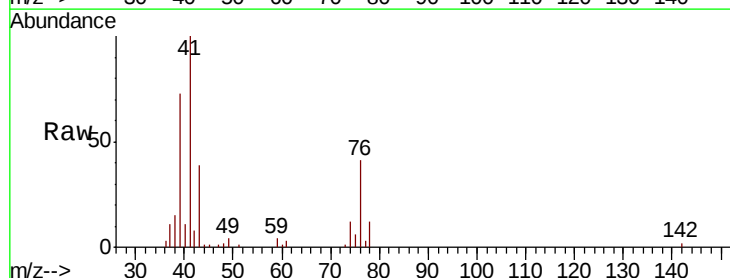
Tgt Ion: 41 Resp: 31265

Ion Ratio Lower Upper

41 100

39 71.2 55.9 83.9

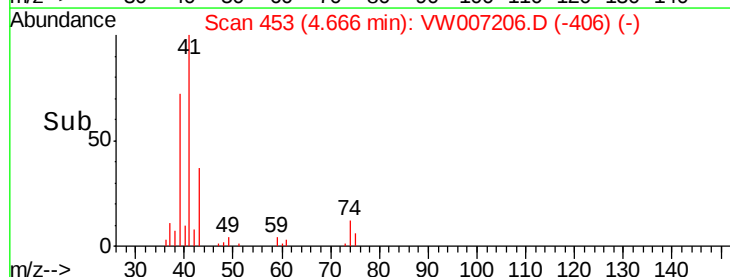
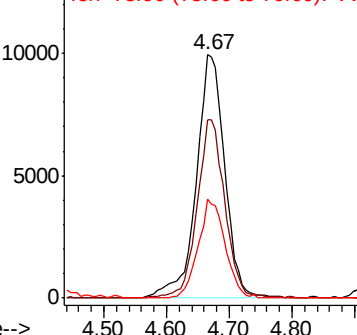
76 38.1 30.8 46.2

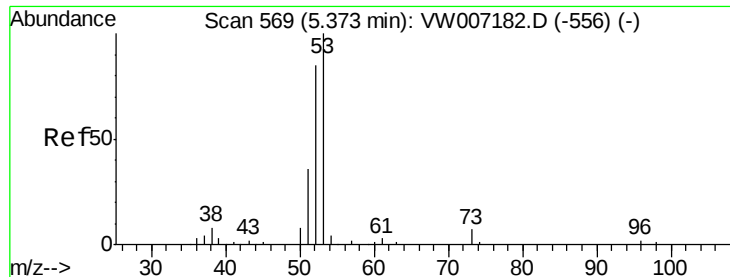


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 121.182 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

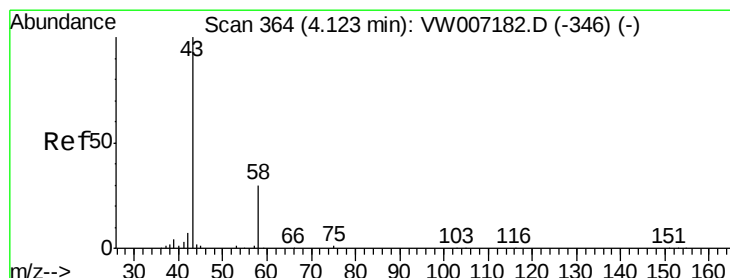
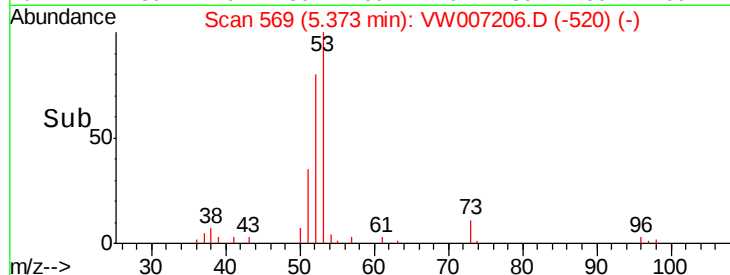
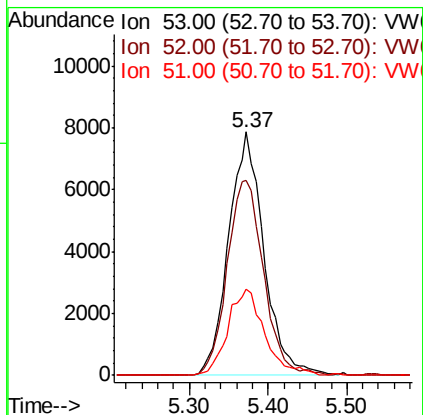
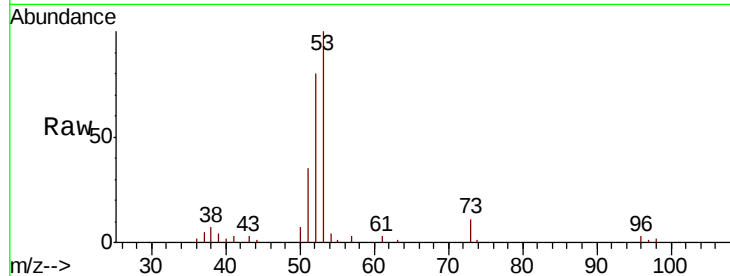
Tot Ion: 53 Resp: 24391

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

51 36.8 30.3 45.5



#16

Acetone

Concen: 92.715 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007206.D

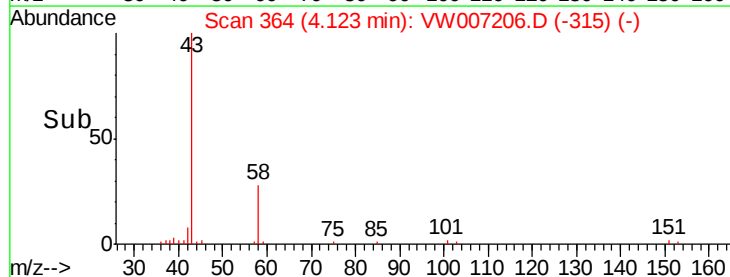
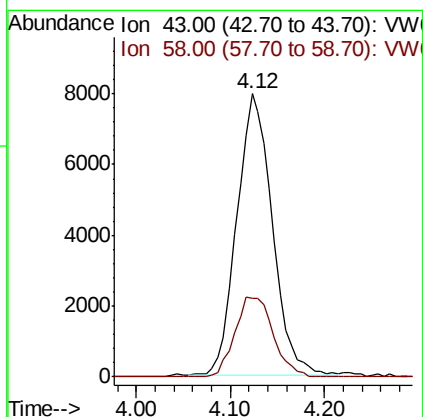
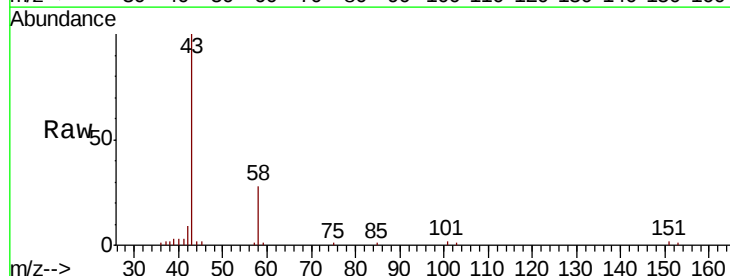
Acq: 05 Dec 2018 01:26

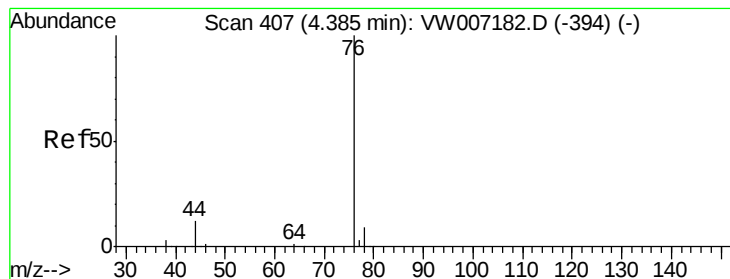
Tgt Ion: 43 Resp: 20870

Ion Ratio Lower Upper

43 100

58 27.9 23.8 35.8





#17

Carbon Disulfide

Concen: 19.523 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

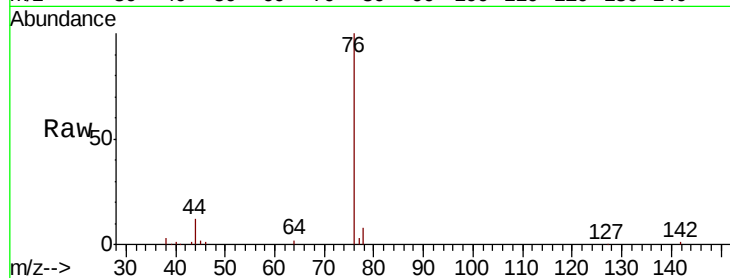
VW1204SBSD02

Tot Ion: 76 Resp: 62926

Ion Ratio Lower Upper

76 100

78 8.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

25000

20000

15000

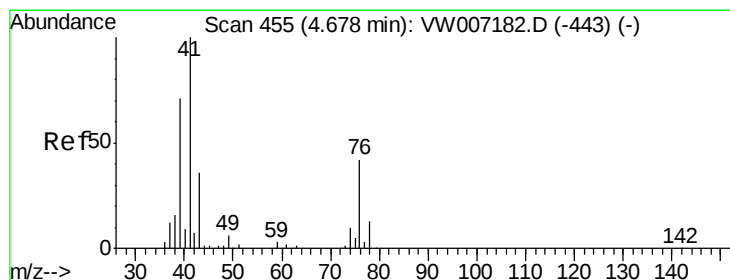
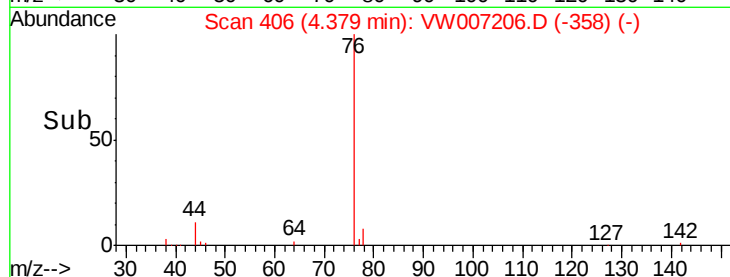
10000

5000

0

Time-->

4.30 4.40 4.50



#18

Methyl Acetate

Concen: 25.630 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007206.D

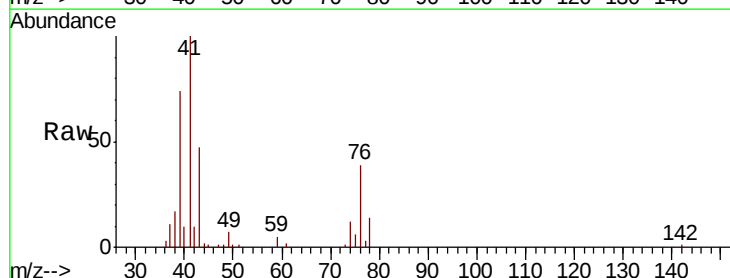
Acq: 05 Dec 2018 01:26

Tgt Ion: 43 Resp: 13169

Ion Ratio Lower Upper

43 100

74 26.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

5000

4000

3000

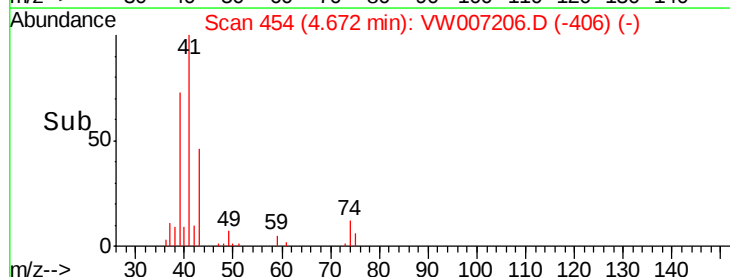
2000

1000

0

Time-->

4.60 4.70 4.80

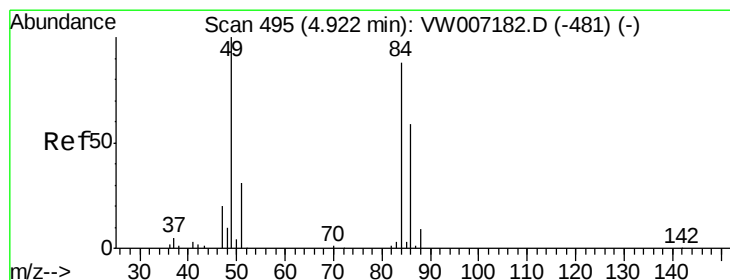
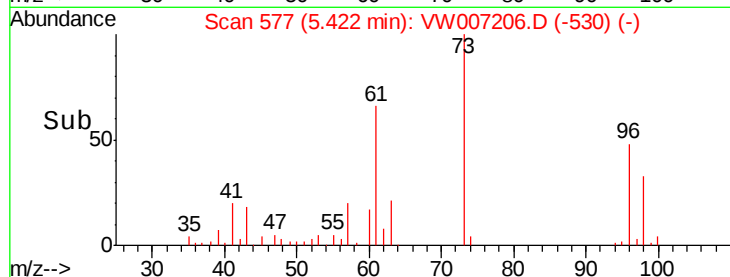
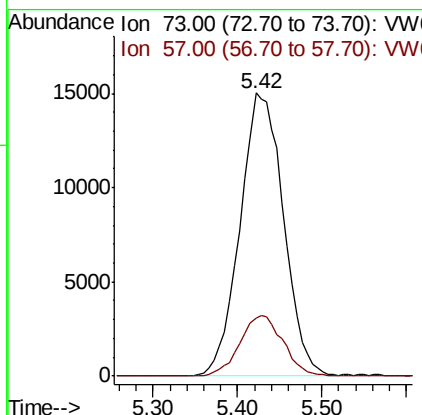
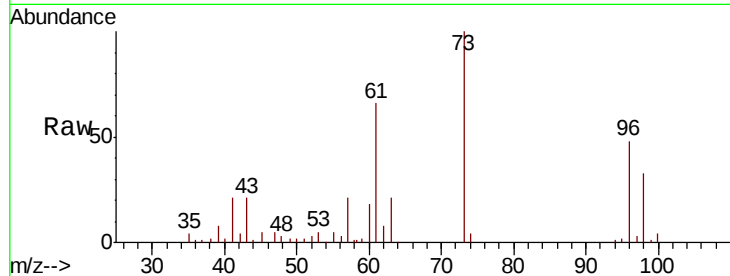




#19
Methvl tert-butvl Ether
Concen: 22.902 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

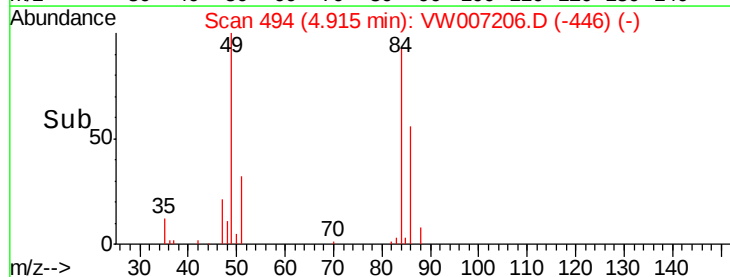
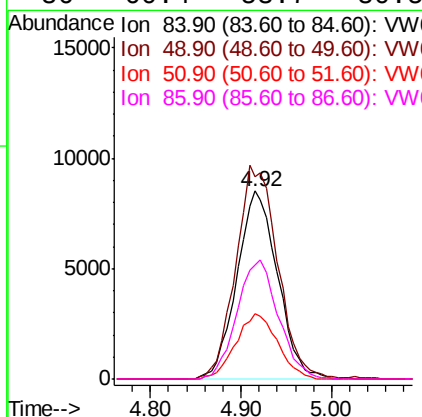
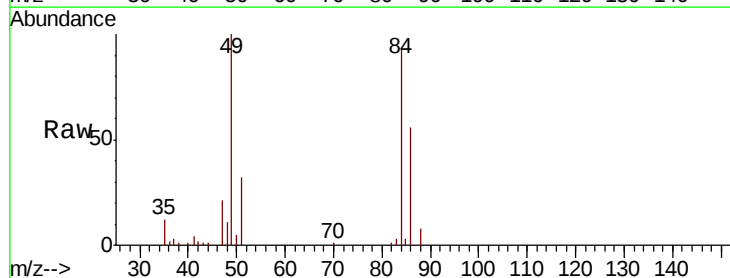
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

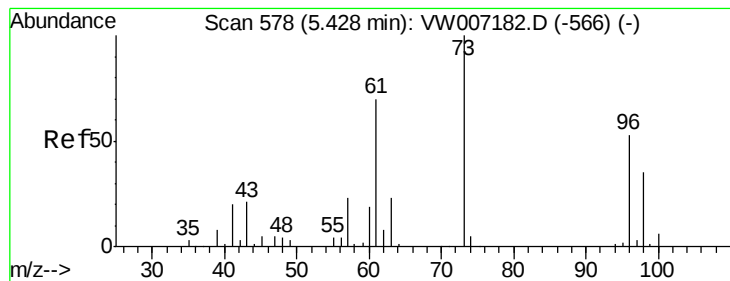
Tot Ion: 73 Resp: 52727
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0



#20
Methylene Chloride
Concen: 20.199 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 84 Resp: 26421
Ion Ratio Lower Upper
84 100
49 107.3 90.6 135.8
51 34.6 27.6 41.4
86 60.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.279 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

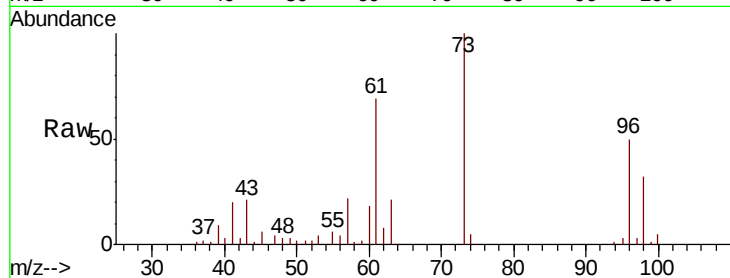
Tot Ion: 96 Resp: 22142

Ion Ratio Lower Upper

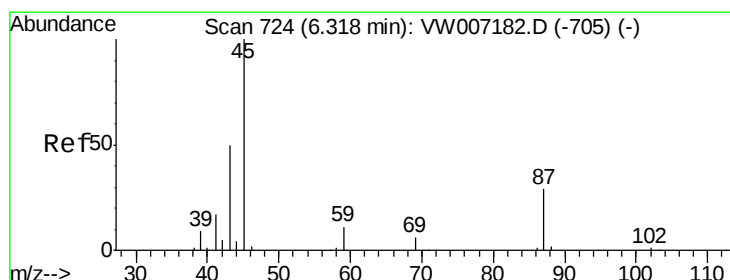
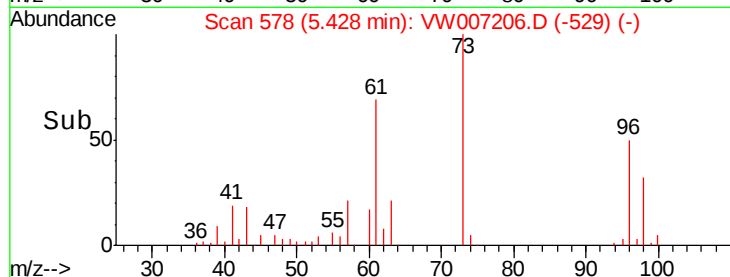
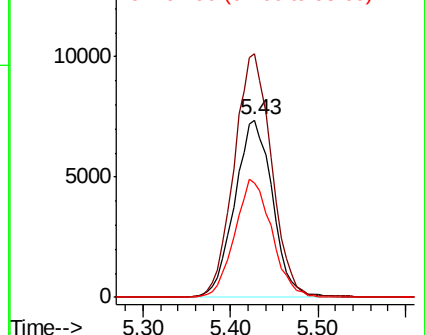
96 100

61 137.4 105.5 158.3

98 64.3 52.6 79.0



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



#22

Diisopropyl ether

Concen: 21.508 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion: 45 Resp: 60517

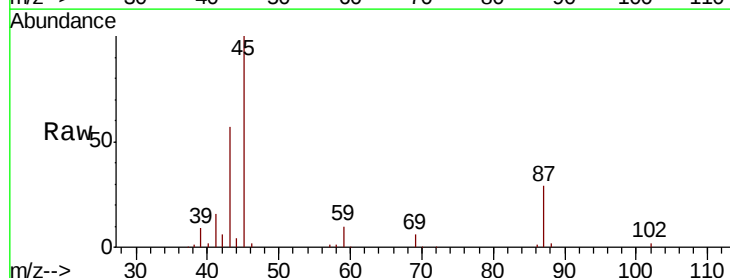
Ion Ratio Lower Upper

45 100

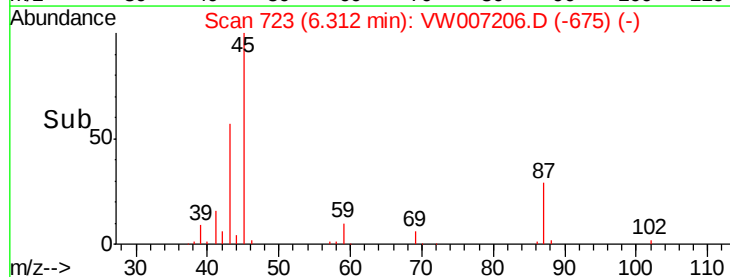
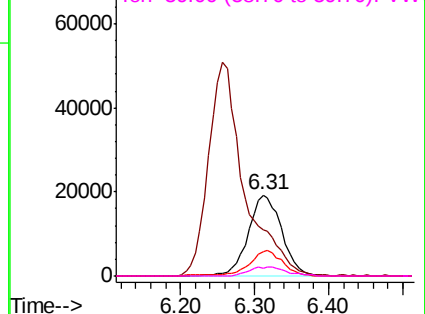
43 56.4 40.8 61.2

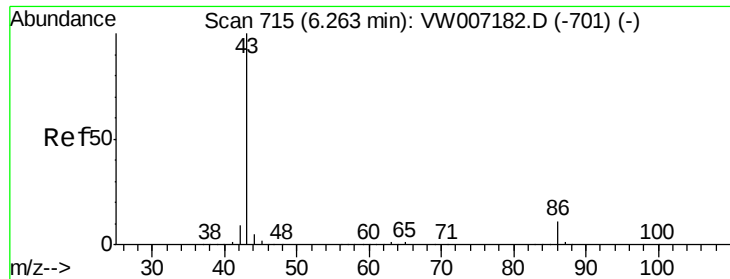
87 29.3 24.0 36.0

59 9.8 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 110.612 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

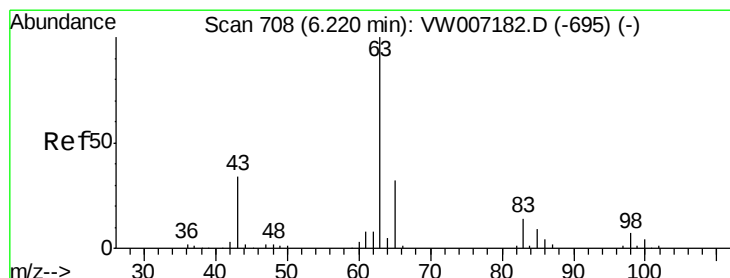
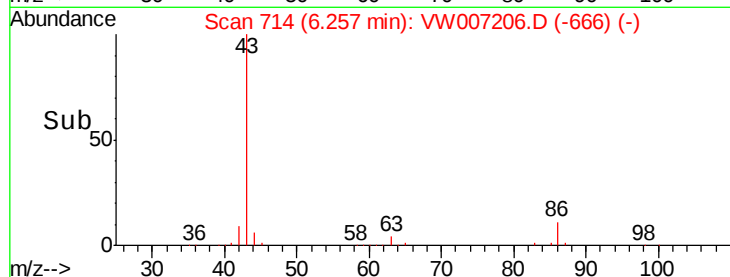
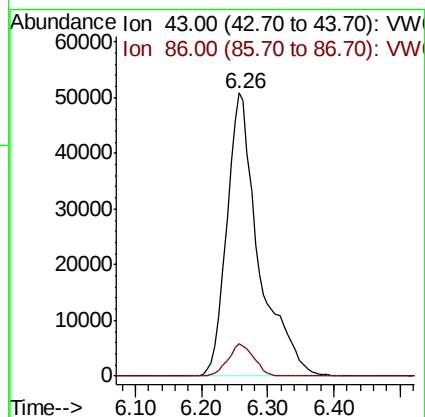
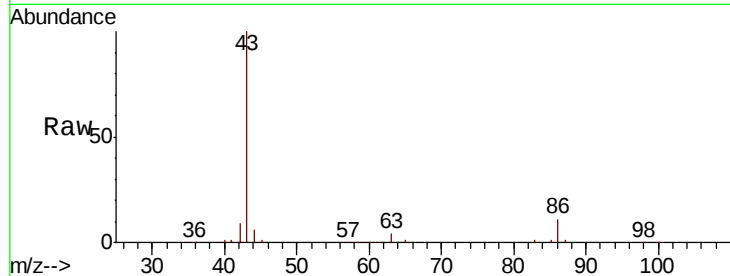
VW1204SBSD02

Tot Ion: 43 Resp: 169821

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.6



#24

1,1-Dichloroethane

Concen: 20.586 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

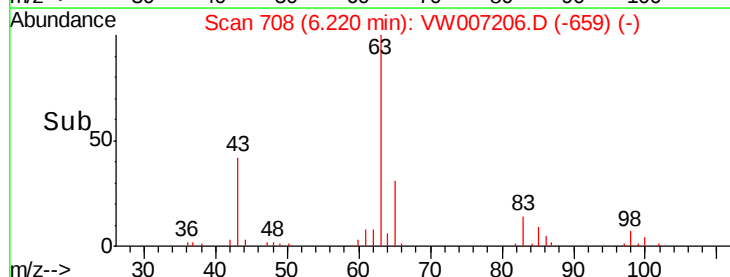
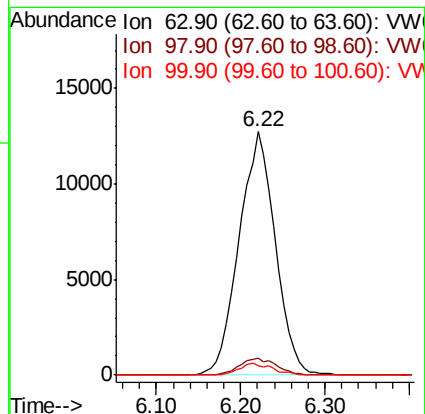
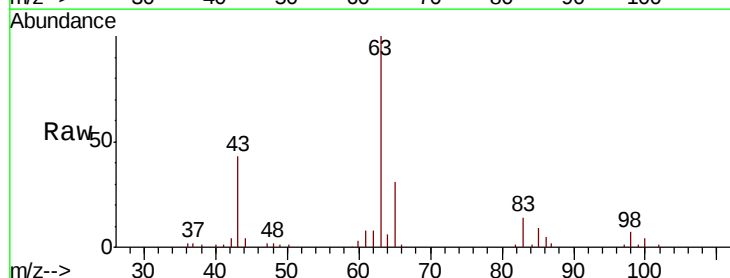
Tgt Ion: 63 Resp: 37125

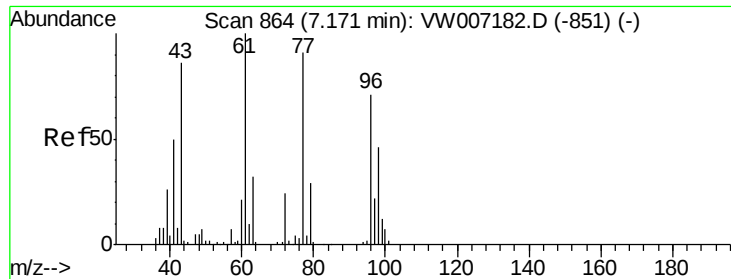
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 107.073 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

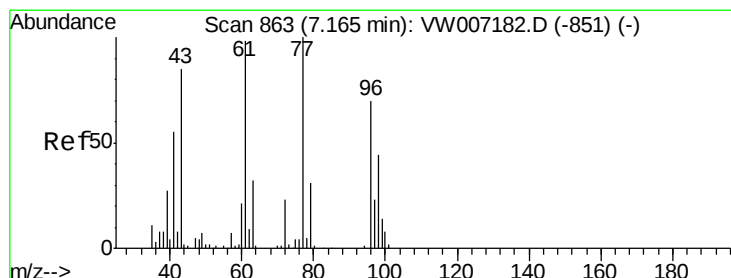
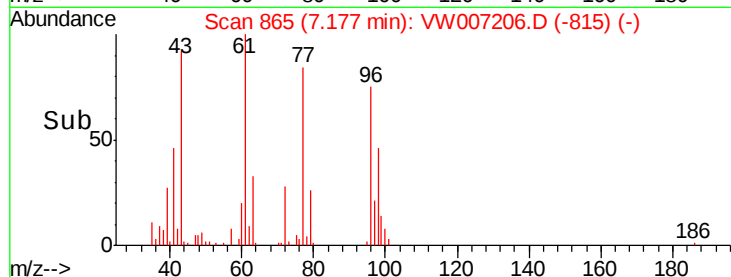
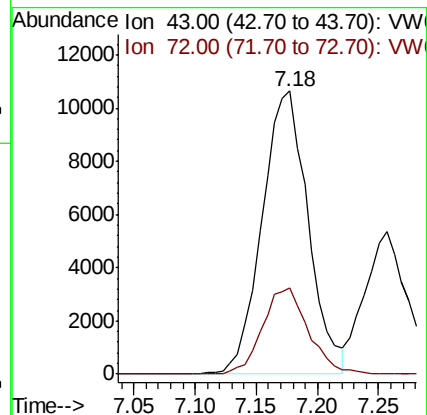
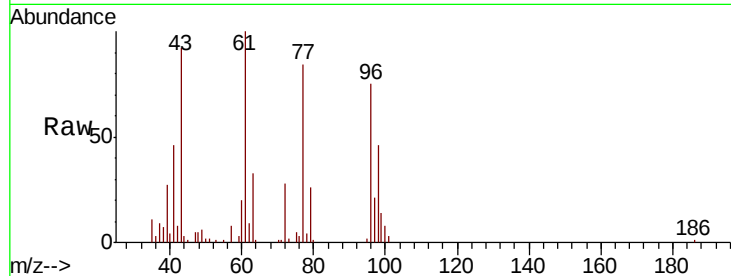
VW1204SBSD02

Tot Ion: 43 Resp: 27939

Ion Ratio Lower Upper

43 100

72 30.4 22.8 34.2



#26

2,2-Dichloropropane

Concen: 17.983 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007206.D

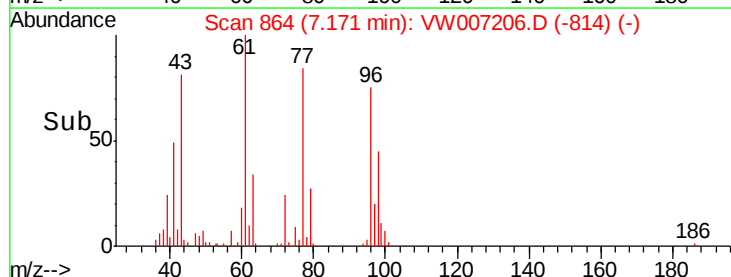
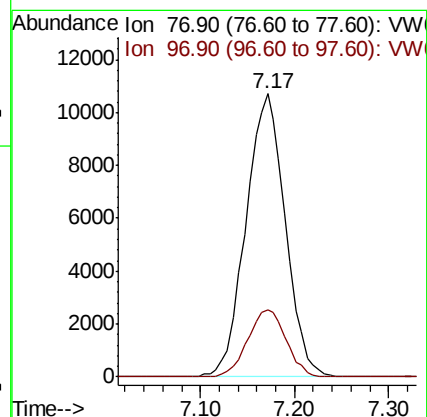
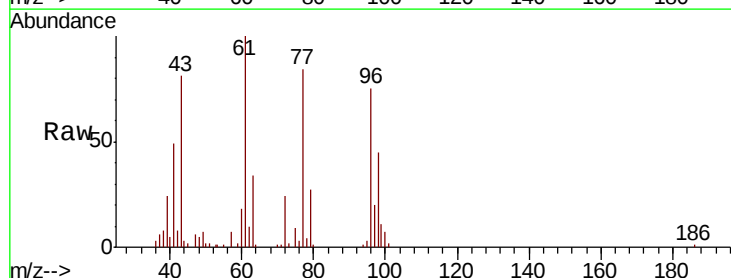
Acq: 05 Dec 2018 01:26

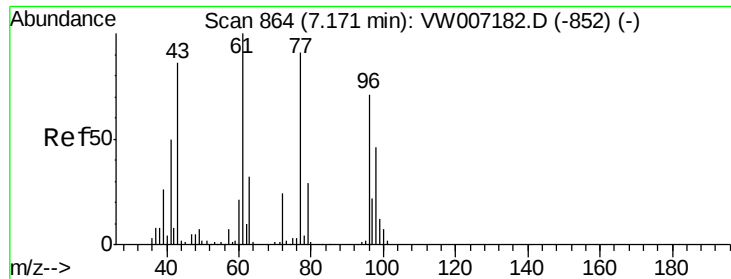
Tgt Ion: 77 Resp: 31165

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



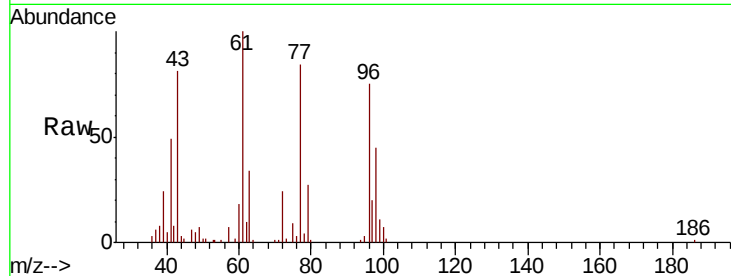


#27

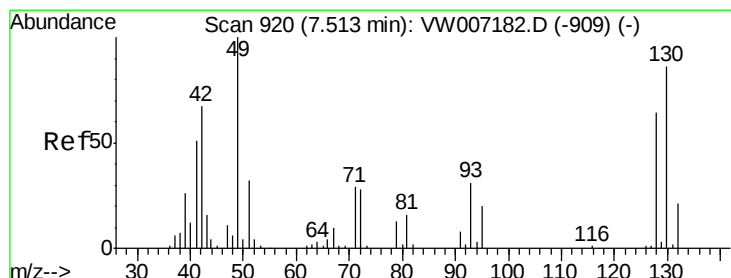
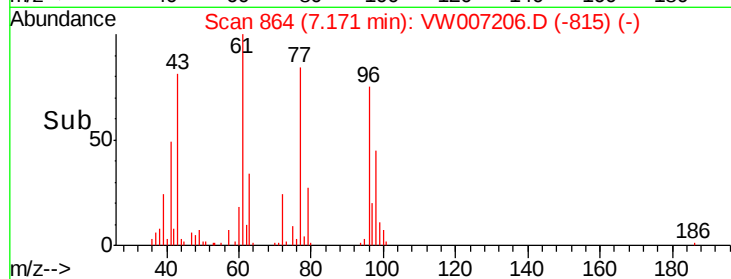
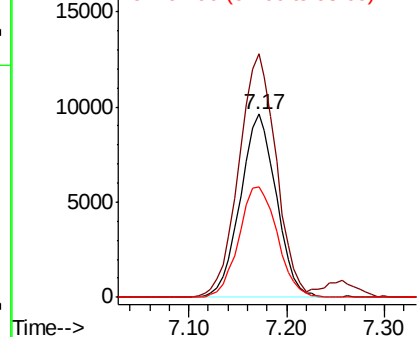
cis-1,2-Dichloroethene
Concen: 20.980 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion: 96 Resp: 24556
Ion Ratio Lower Upper
96 100
61 139.1 0.0 282.4
98 64.3 0.0 129.8



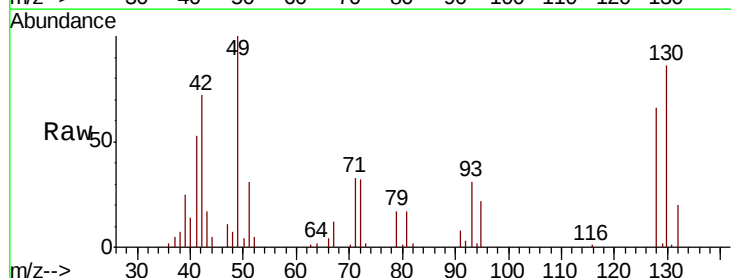
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



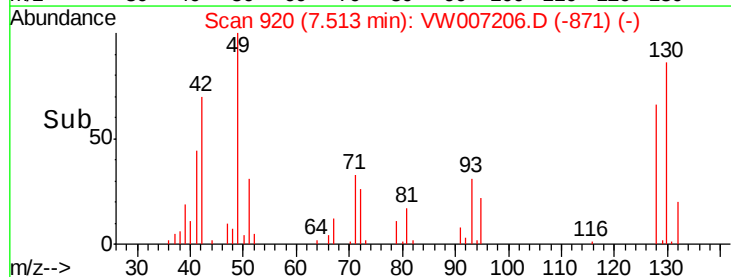
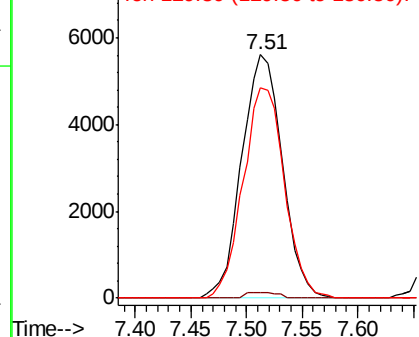
#28

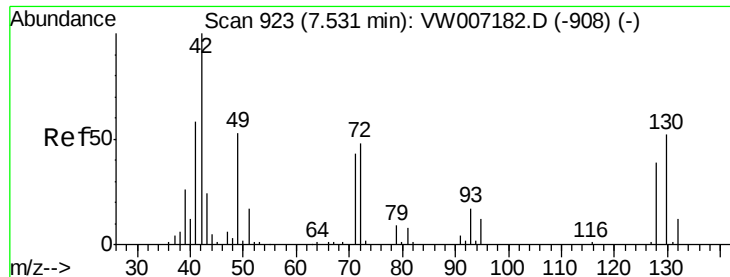
Bromochloromethane
Concen: 21.929 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 49 Resp: 14260
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 88.0 70.3 105.5



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

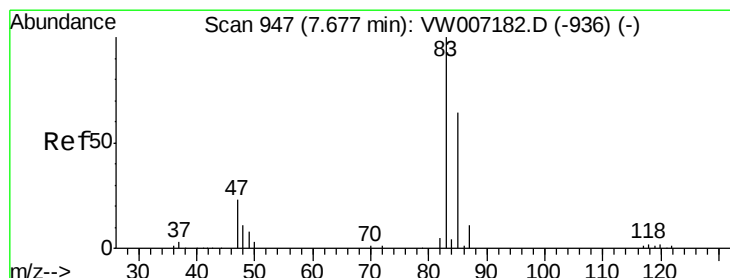
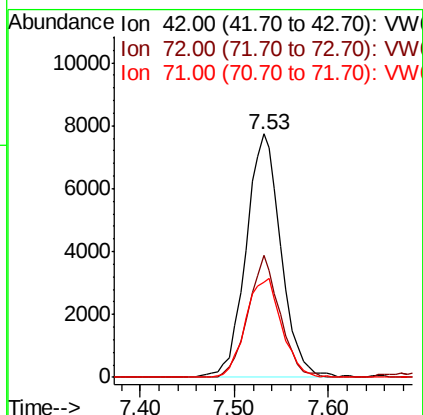
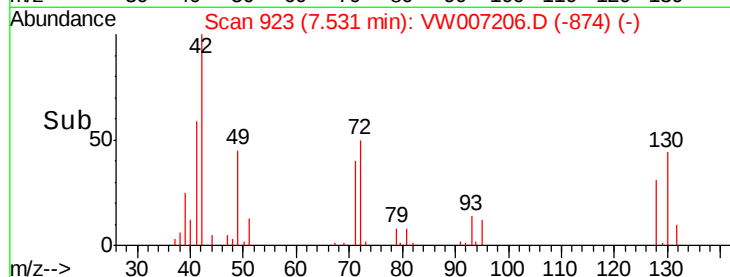
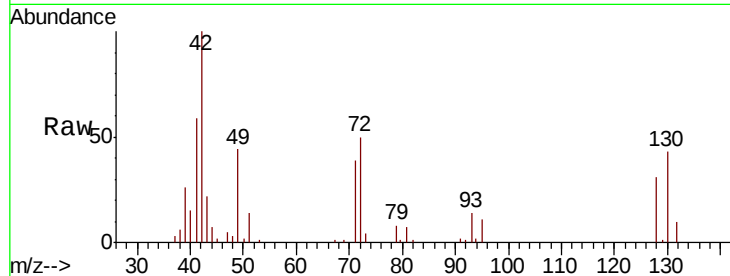




#29
Tetrahydrofuran
Concen: 124.828 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

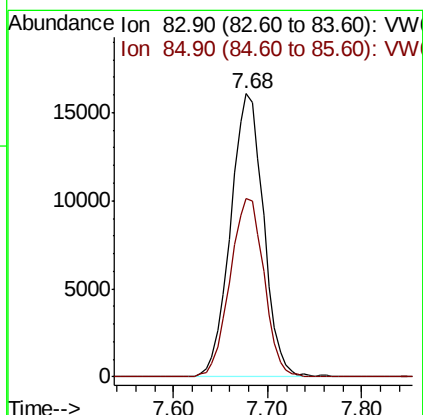
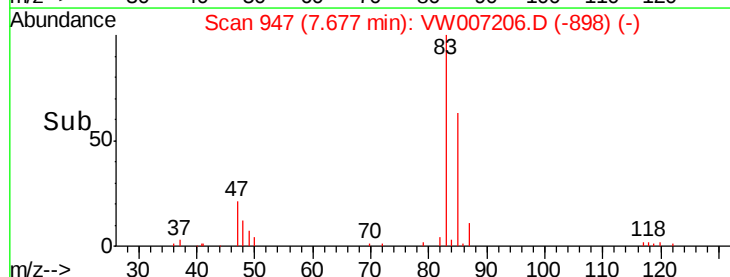
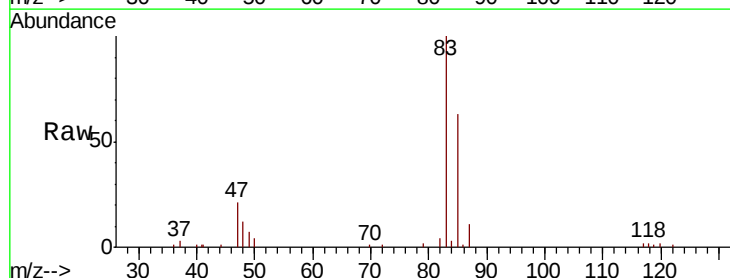
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

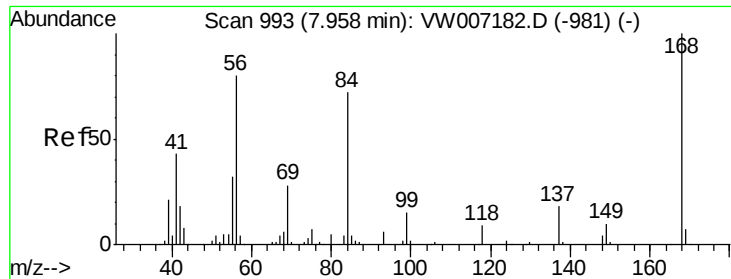
Tot Ion: 42 Resp: 20128
Ion Ratio Lower Upper
42 100
72 45.5 36.6 55.0
71 42.1 34.8 52.2



#30
Chloroform
Concen: 20.901 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 83 Resp: 39174
Ion Ratio Lower Upper
83 100
85 62.9 51.5 77.3

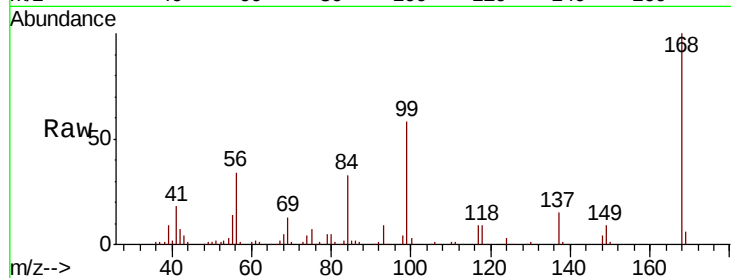




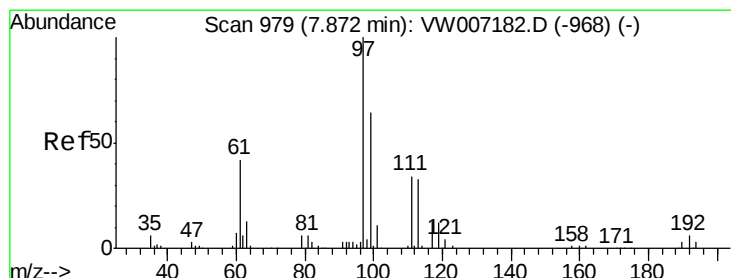
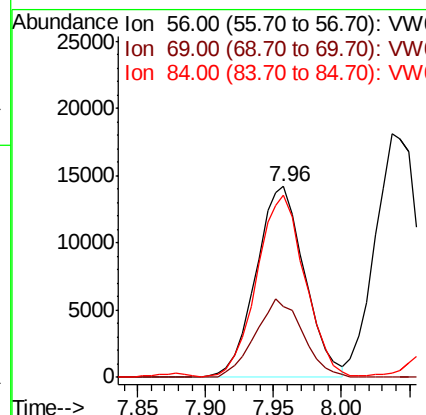
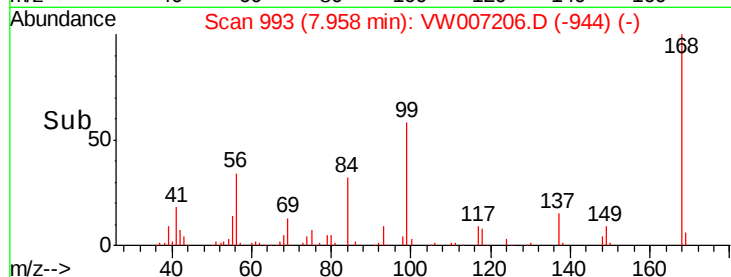
#31
Cyclohexane
Concen: 18.777 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion: 56 Resp: 35430
Ion Ratio Lower Upper
56 100
69 36.9 28.2 42.2
84 94.6 72.1 108.1

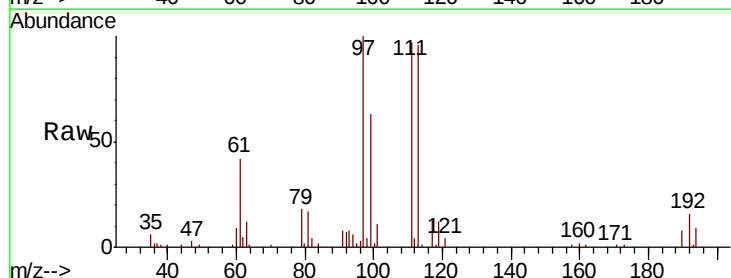


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

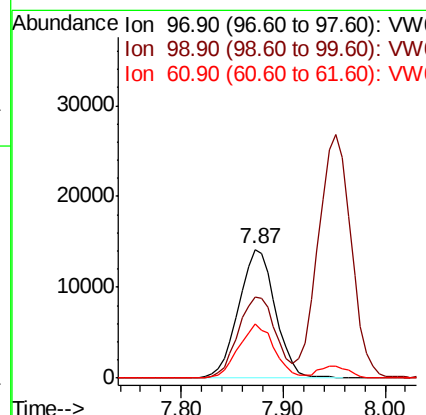
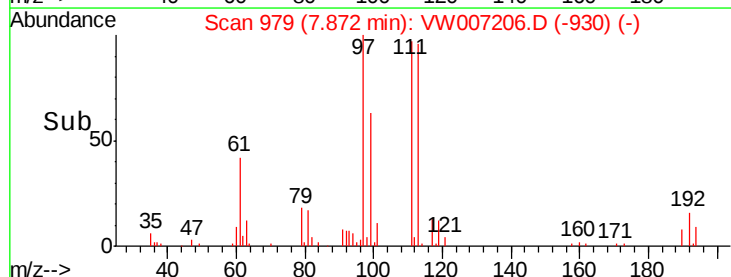


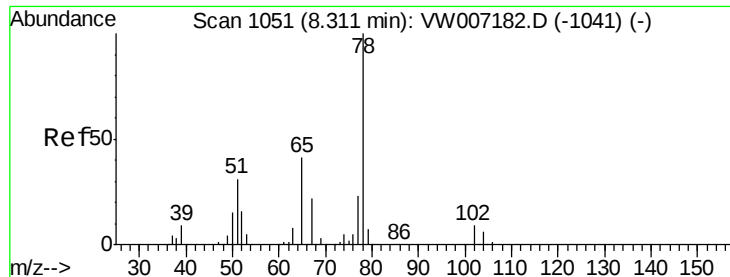
#32
1,1,1-Trichloroethane
Concen: 20.061 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 97 Resp: 35384
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 41.3 33.2 49.8



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: 53.978 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

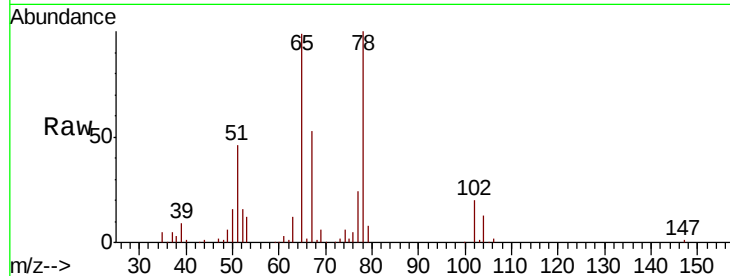
VW1204SBSD02

Tot Ion: 65 Resp: 51325

Ion Ratio Lower Upper

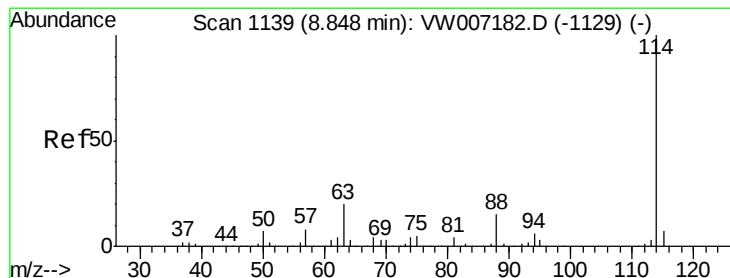
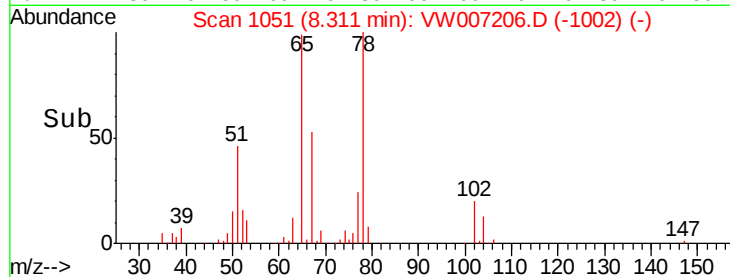
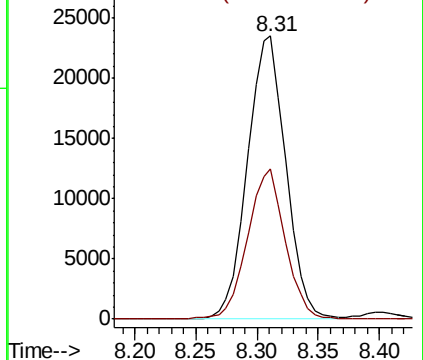
65 100

67 52.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion: 114 Resp: 162139

Ion Ratio Lower Upper

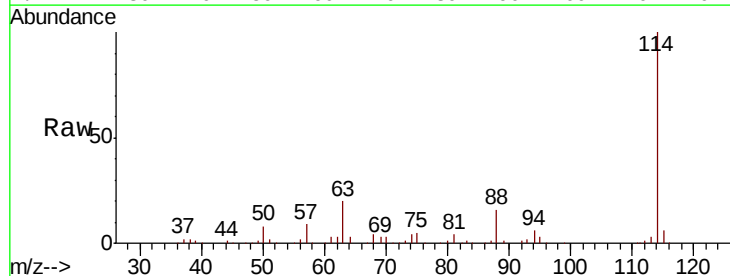
114 100

63 19.7

0.0 40.2

88 16.2

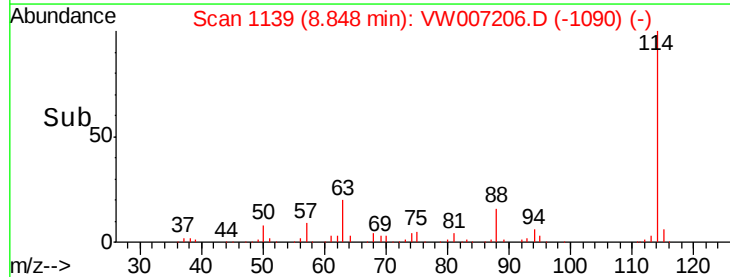
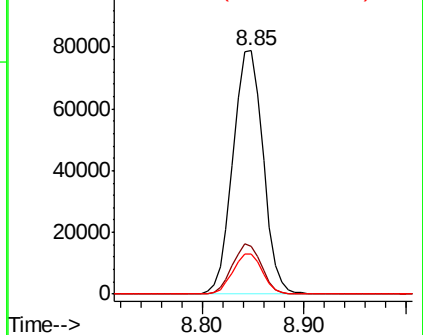
0.0 30.0

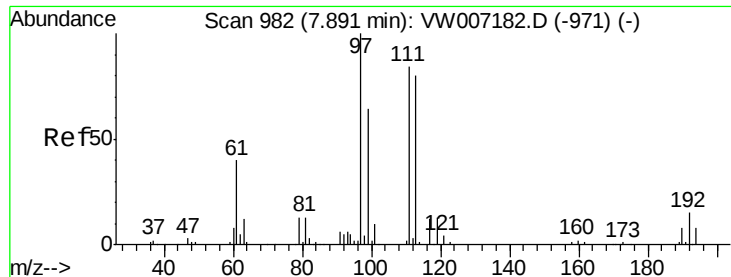


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.394 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

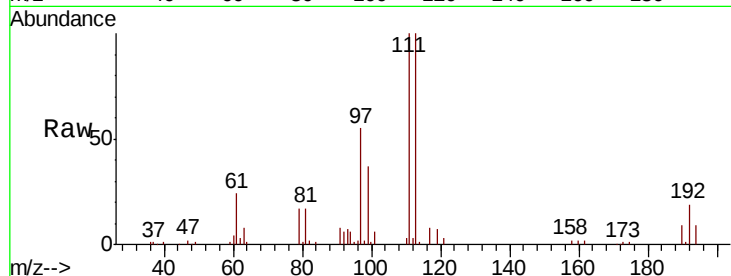
Tot Ion:113 Resp: 47714

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

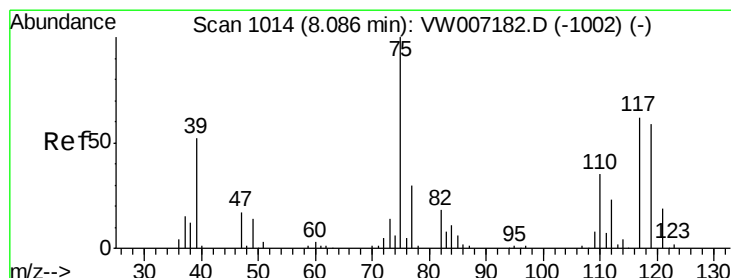
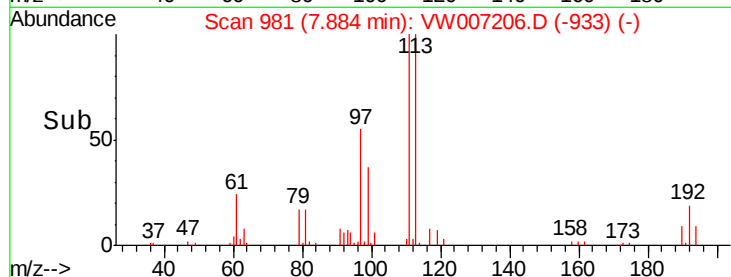
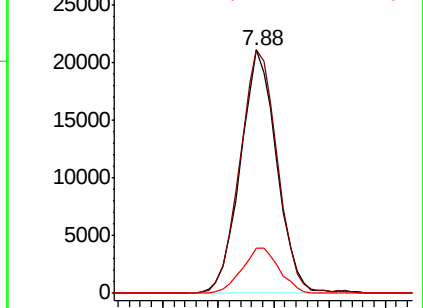
192 19.1 14.4 21.6



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: 19.422 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

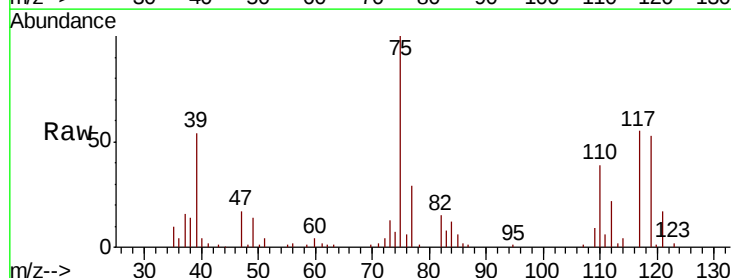
Tgt Ion: 75 Resp: 30641

Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.9

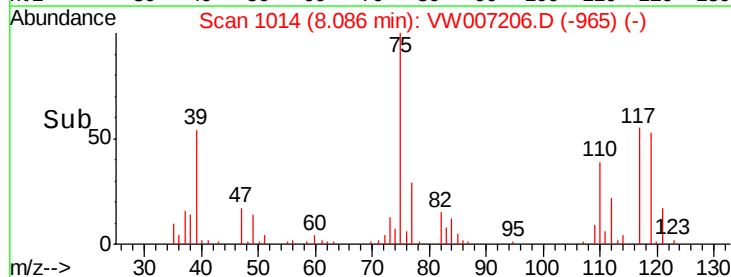
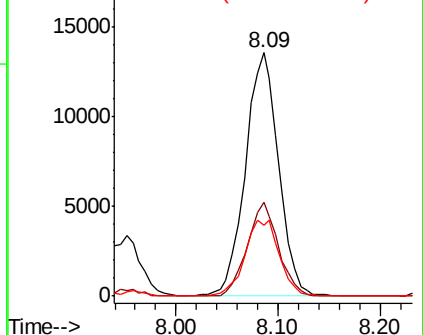
77 32.5 24.9 37.3



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

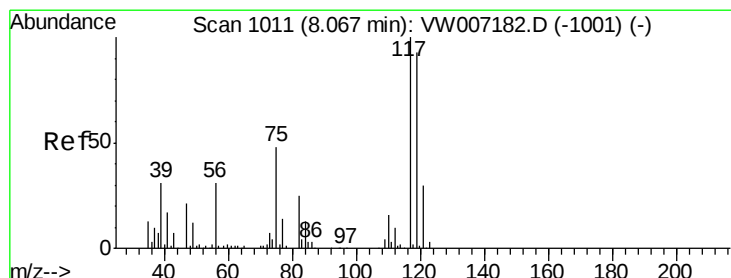
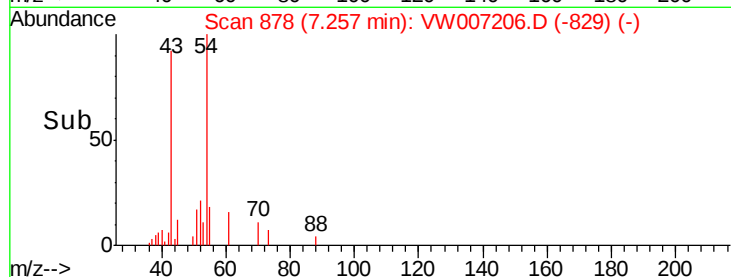
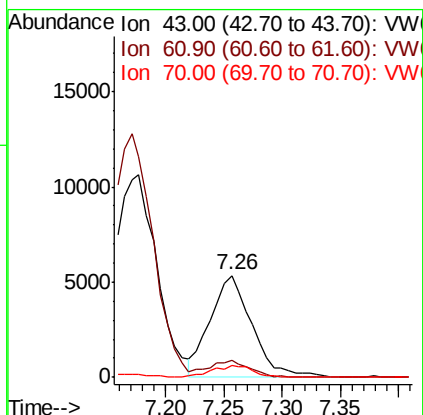
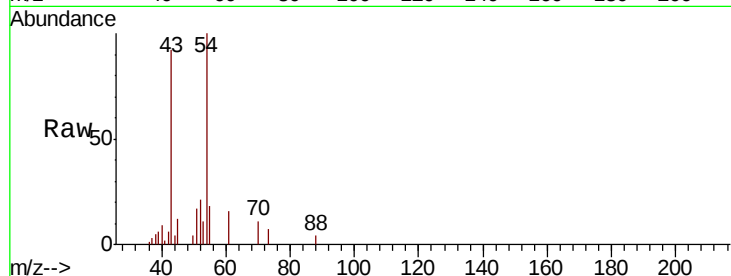




#37
Ethyl Acetate
Concen: 23.414 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

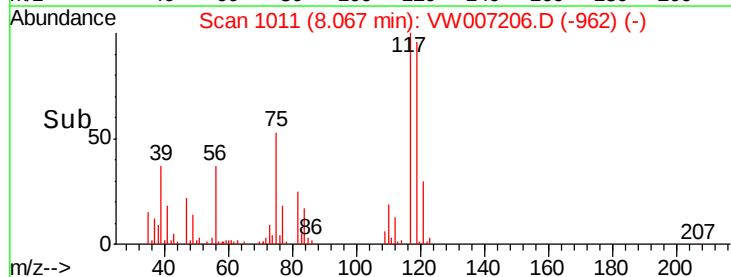
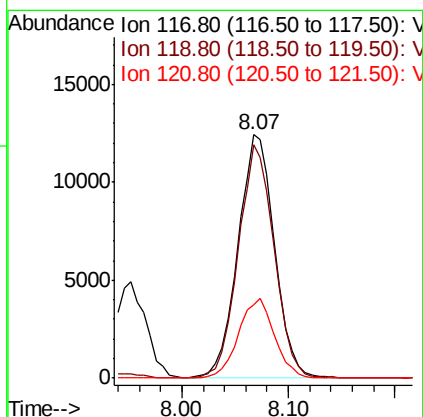
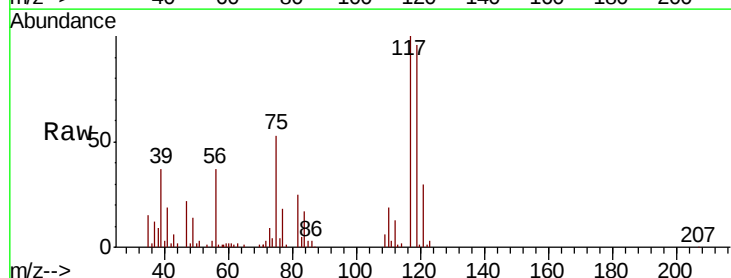
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

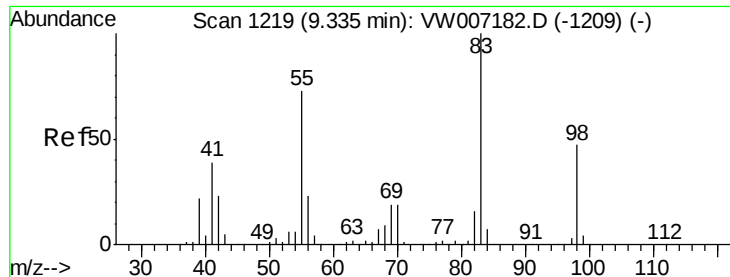
Tot Ion: 43 Resp: 13362
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 11.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.588 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 117 Resp: 29932
Ion Ratio Lower Upper
117 100
119 95.9 74.1 111.1
121 30.0 23.9 35.9

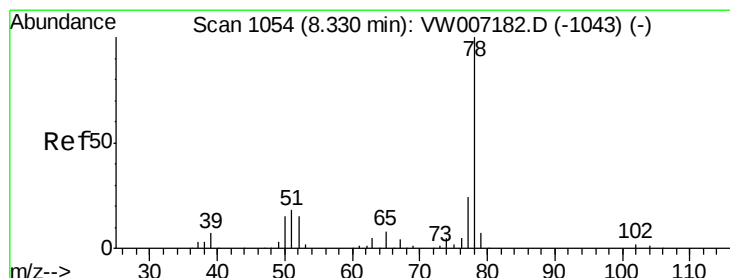
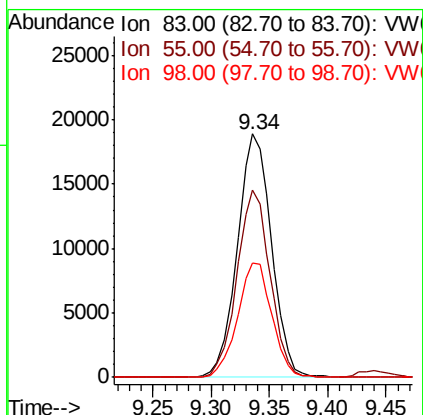
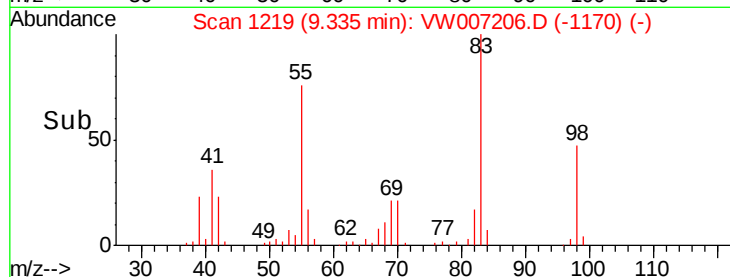
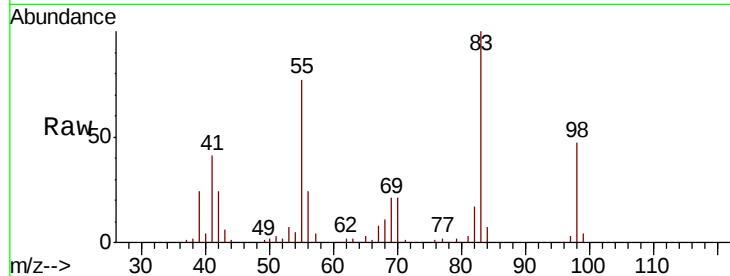




#39
Methvlcvclohexane
Concen: 18.322 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

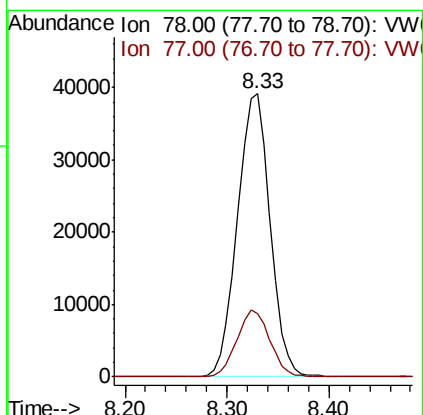
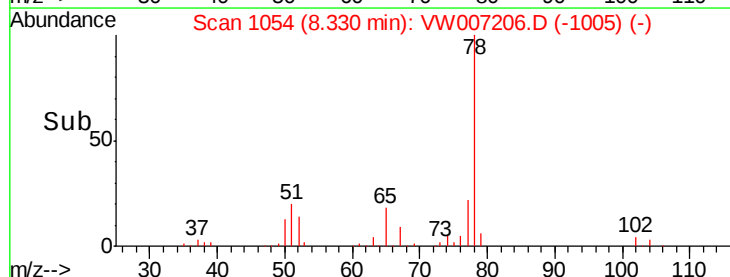
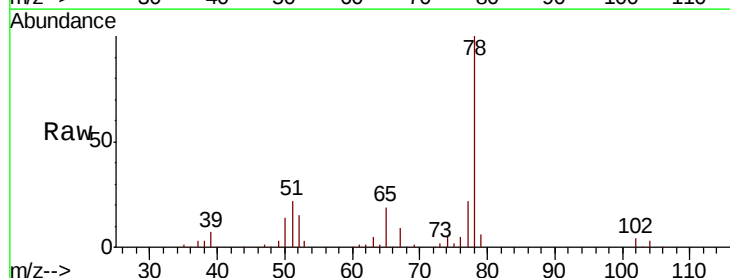
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

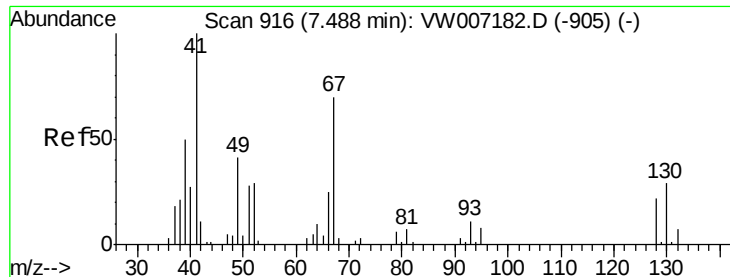
Tot Ion: 83 Resp: 38696
Ion Ratio Lower Upper
83 100
55 77.0 58.1 87.1
98 47.0 37.3 55.9



#40
Benzene
Concen: 20.152 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 78 Resp: 87181
Ion Ratio Lower Upper
78 100
77 22.1 18.9 28.3

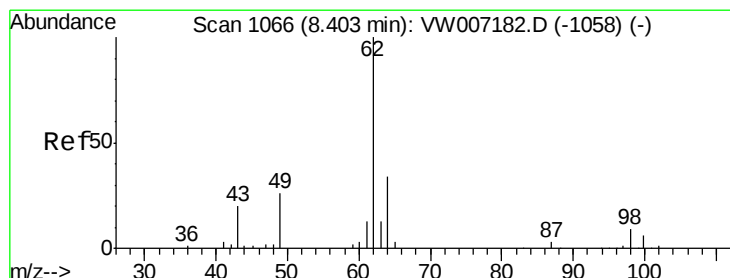
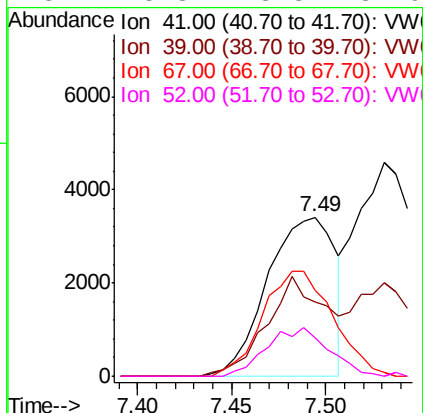
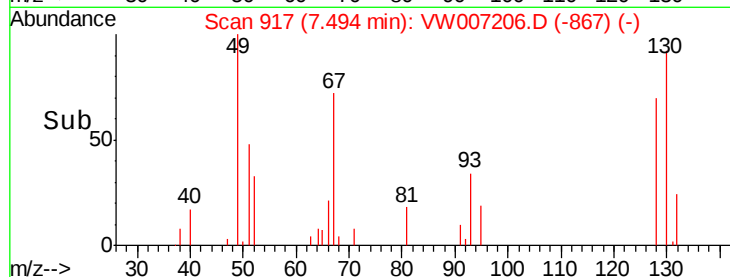
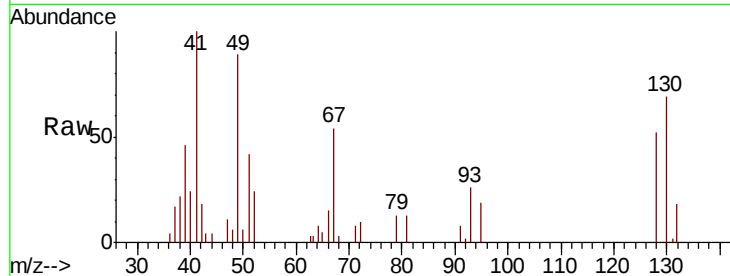




#41
Methacrylonitrile
Concen: 25.034 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

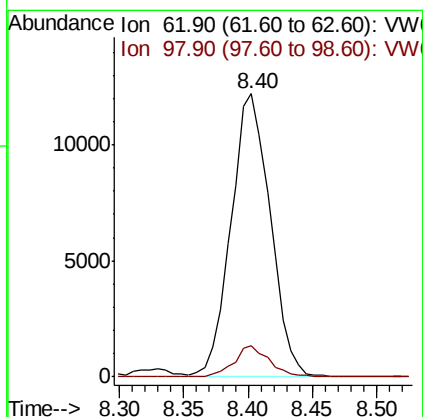
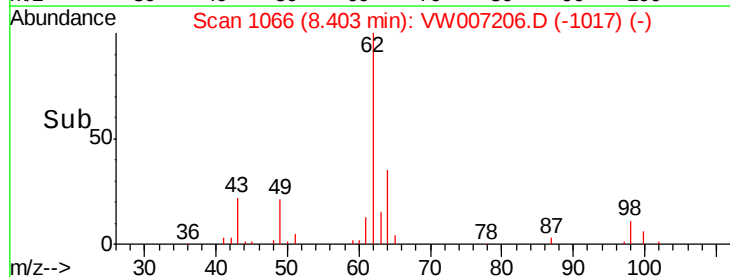
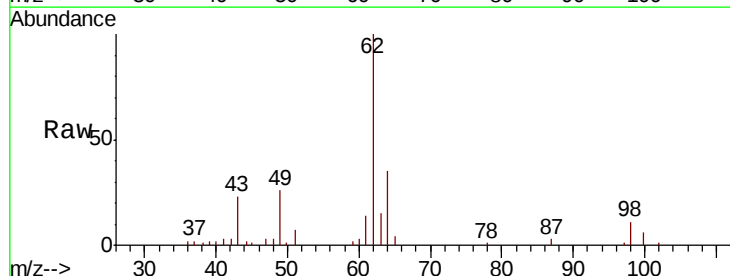
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion:	41	Resp:	8557
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.4	65.0
67	68.2	57.4	86.0
52	28.3	23.3	34.9



#42
1,2-Dichloroethane
Concen: 21.366 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:	62	Resp:	25832
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 23.098 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

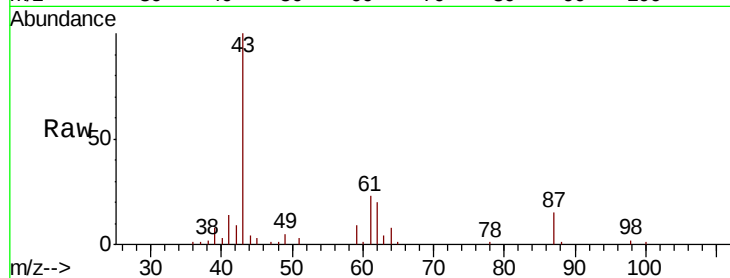
Tot Ion: 43 Resp: 25601

Ion Ratio Lower Upper

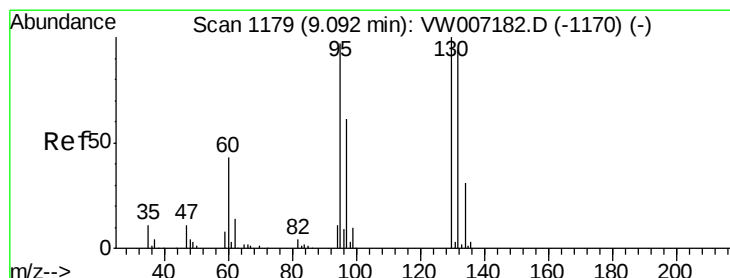
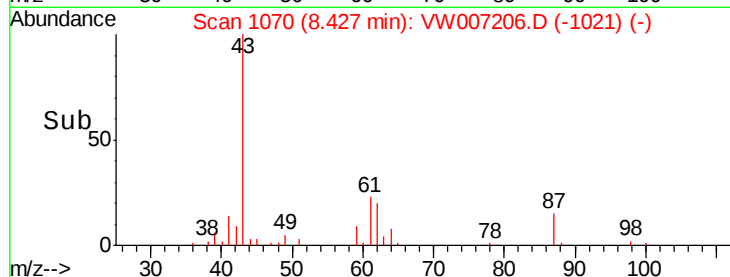
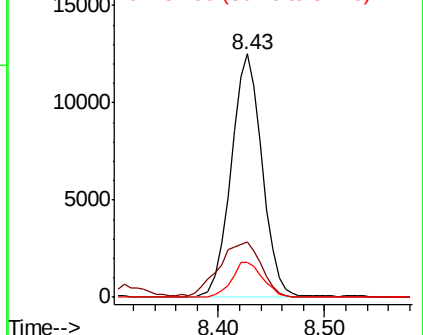
43 100

61 30.8 25.4 38.0

87 14.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.922 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007206.D

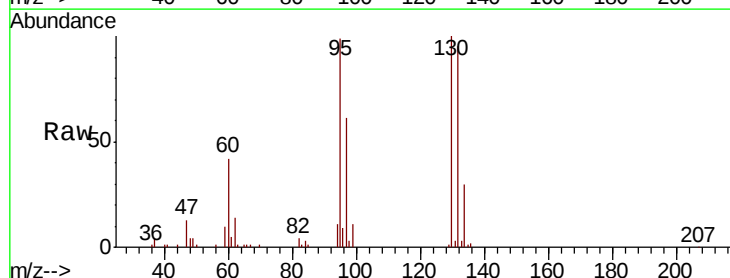
Acq: 05 Dec 2018 01:26

Tgt Ion: 130 Resp: 24226

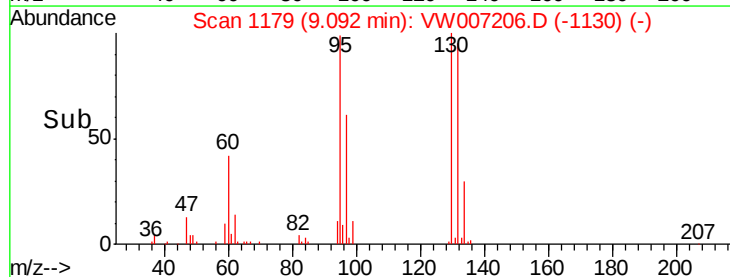
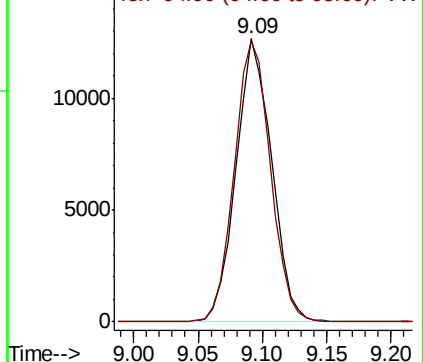
Ion Ratio Lower Upper

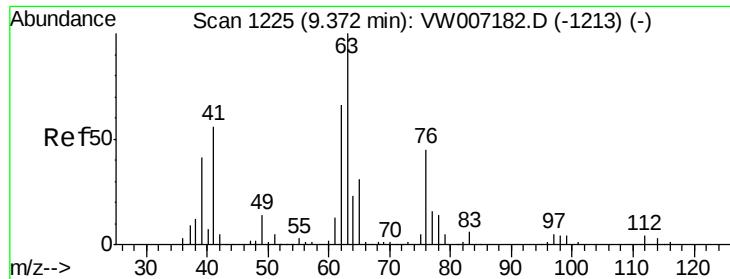
130 100

95 99.4 0.0 194.0



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





#45

1,2-Dichloropropane

Concen: 21.126 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

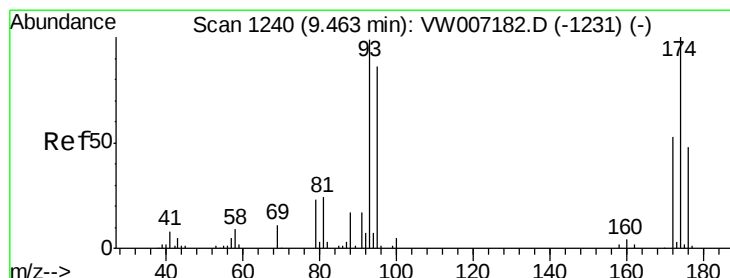
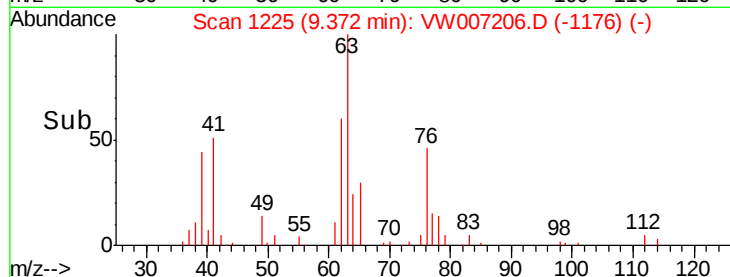
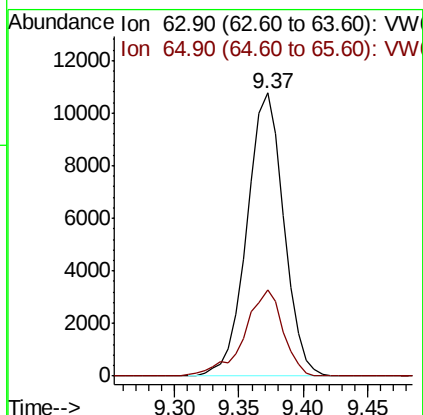
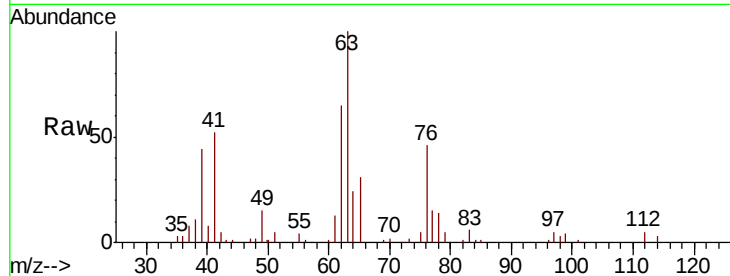
VW1204SBSD02

Tot Ion: 63 Resp: 21268

Ion Ratio Lower Upper

63 100

65 30.6 25.0 37.4



#46

Dibromomethane

Concen: 21.875 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

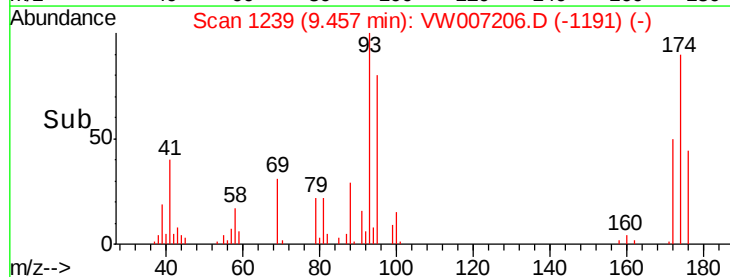
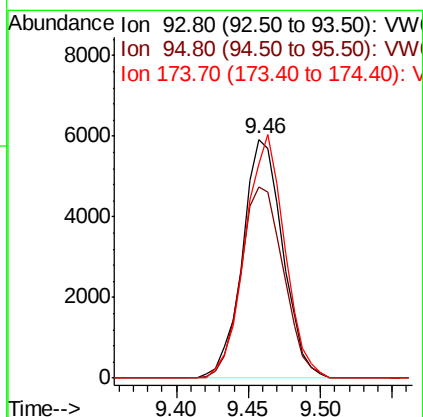
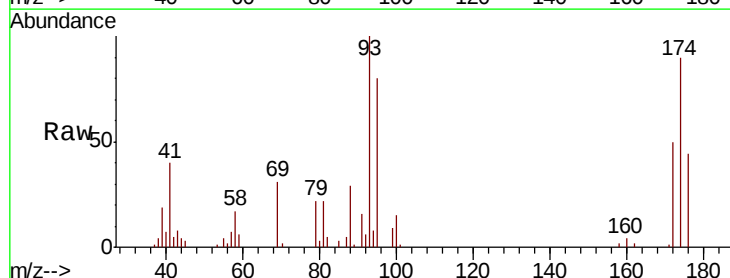
Tgt Ion: 93 Resp: 11443

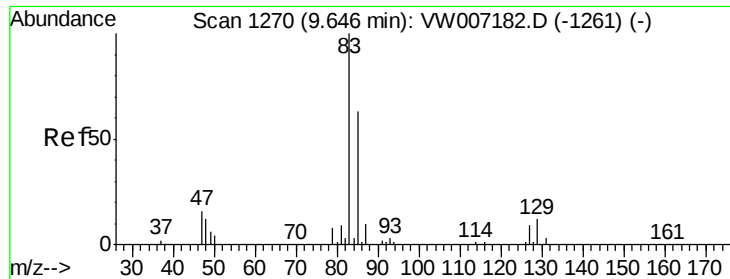
Ion Ratio Lower Upper

93 100

95 85.1 68.7 103.1

174 100.0 82.9 124.3

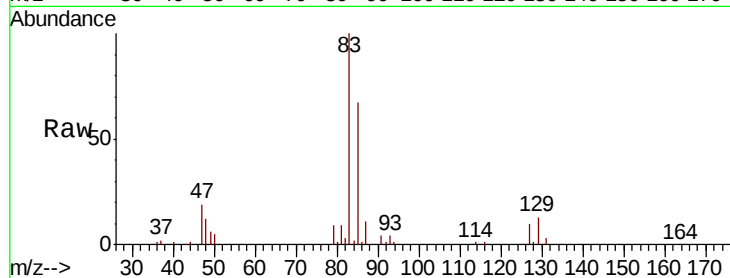




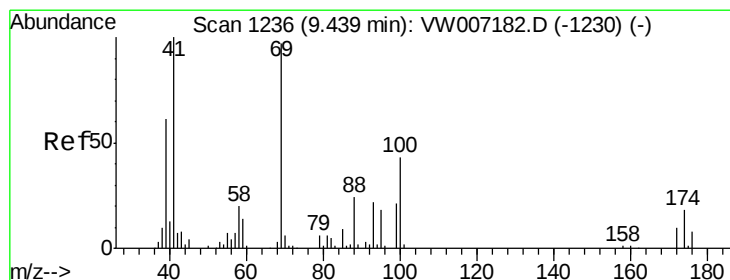
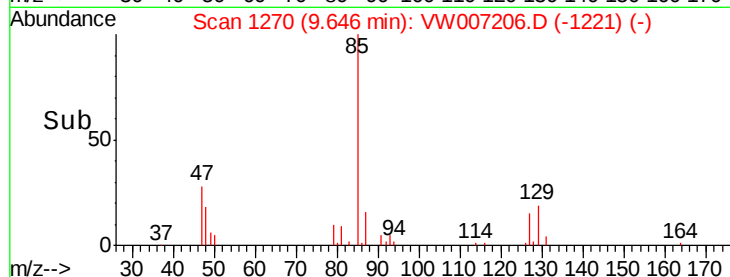
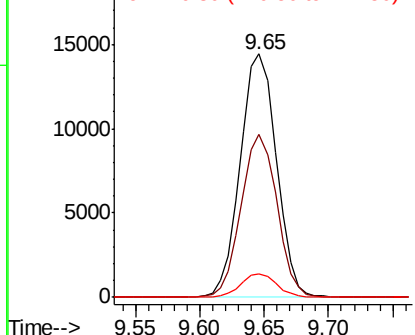
#47
Bromodichloromethane
Concen: 20.463 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion	83	Resp	28157
Ion Ratio	Lower	Upper	
83	100		
85	67.1	50.6	76.0
127	9.8	7.3	10.9

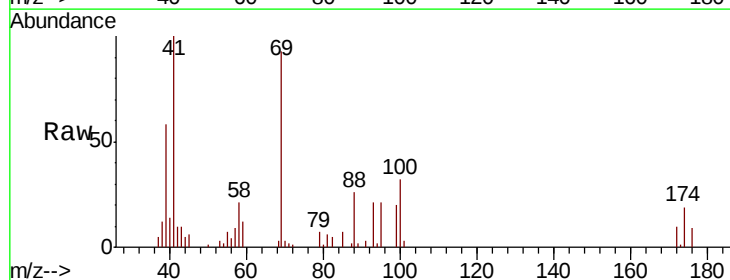


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

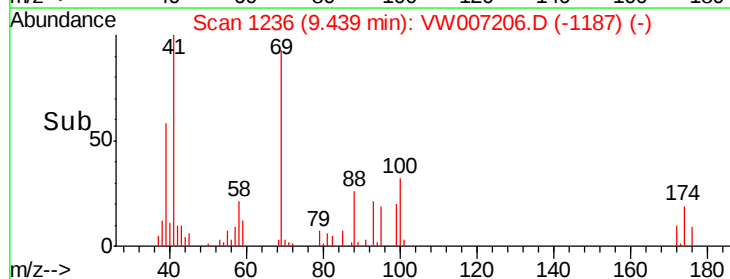
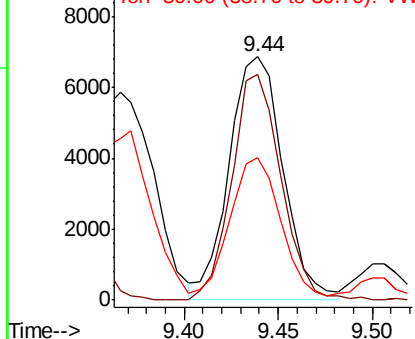


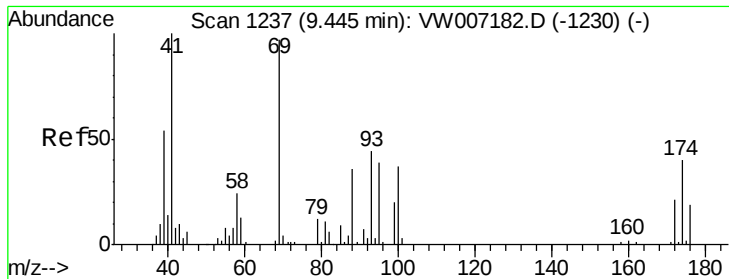
#48
Methyl methacrylate
Concen: 23.719 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion	41	Resp	13644
Ion Ratio	Lower	Upper	
41	100		
69	84.7	69.6	104.4
39	55.8	42.4	63.6



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

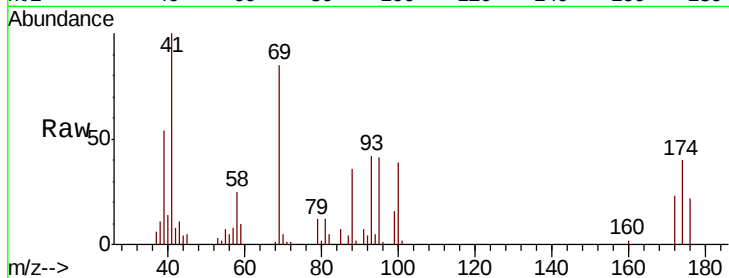




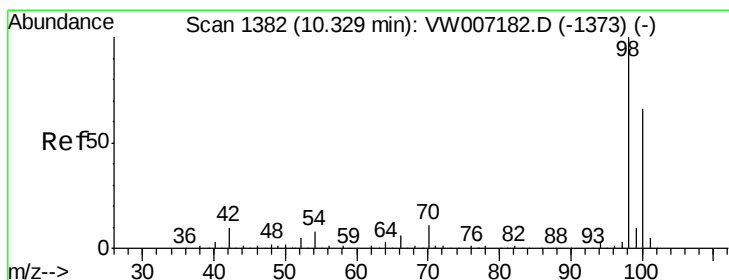
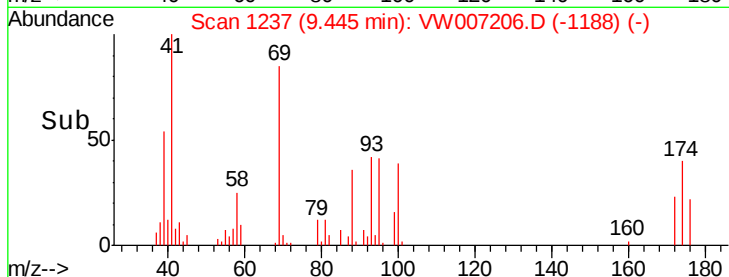
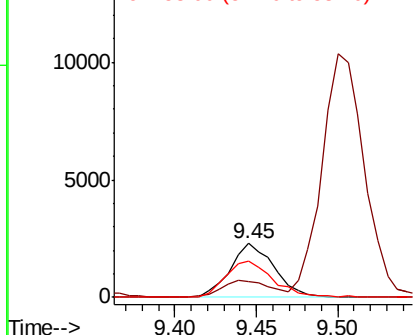
#49
1,4-Dioxane
Concen: 469.013 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion: 88 Resp: 4286
Ion Ratio Lower Upper
88 100
43 35.2 25.8 38.8
58 72.1 58.9 88.3

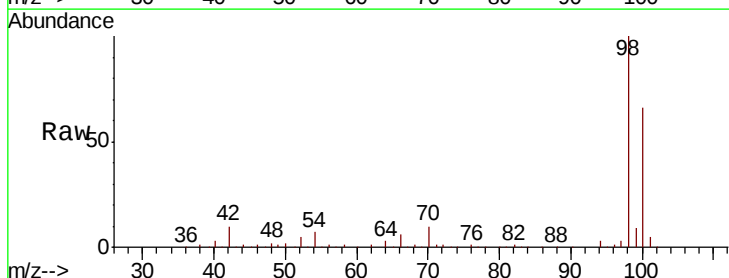


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

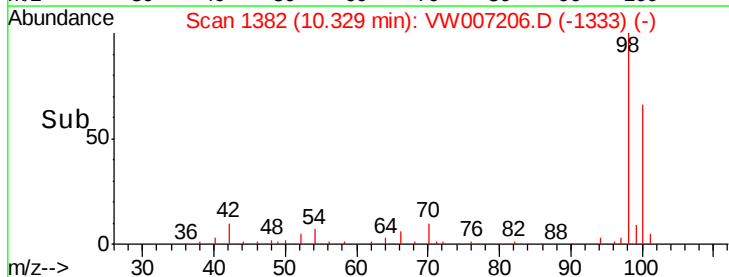
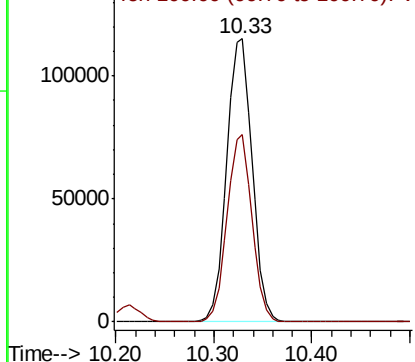


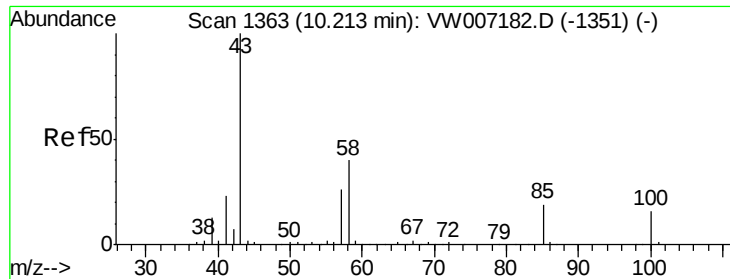
#50
Toluene-d8
Concen: 50.898 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 98 Resp: 208153
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



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: 116.741 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

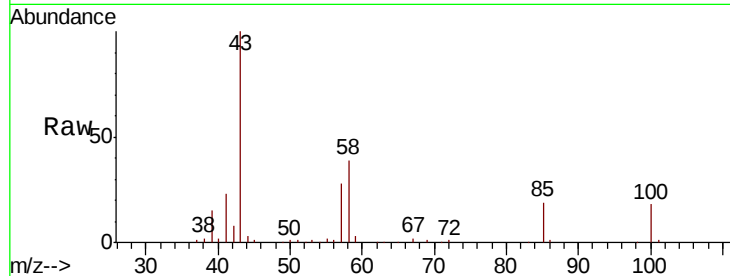
VW1204SBSD02

Tot Ion: 43 Resp: 63764

Ion Ratio Lower Upper

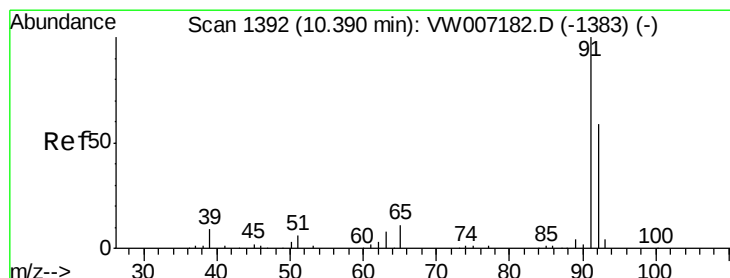
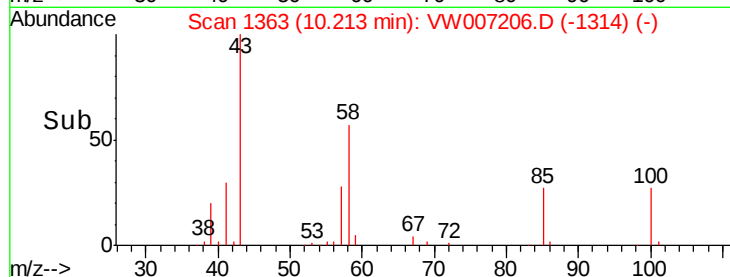
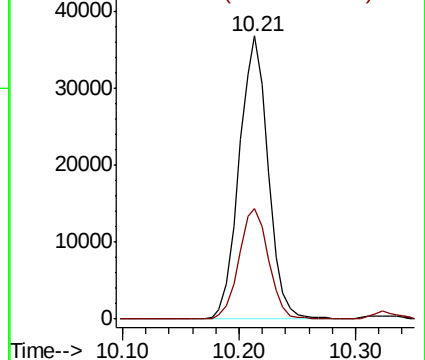
43 100

58 39.9 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.652 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007206.D

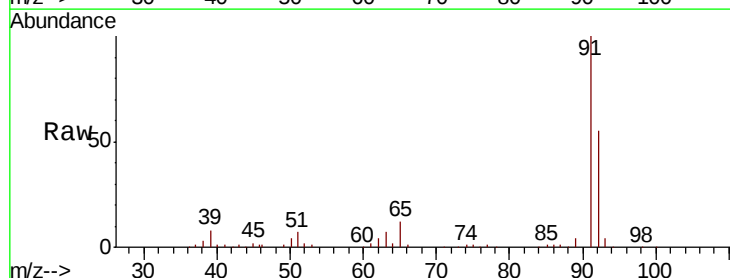
Acq: 05 Dec 2018 01:26

Tgt Ion: 92 Resp: 59140

Ion Ratio Lower Upper

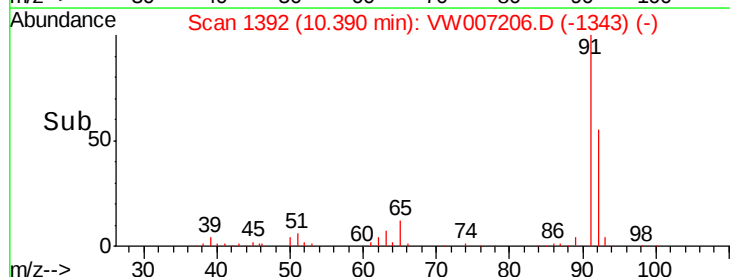
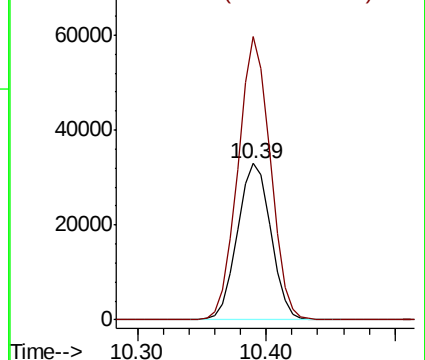
92 100

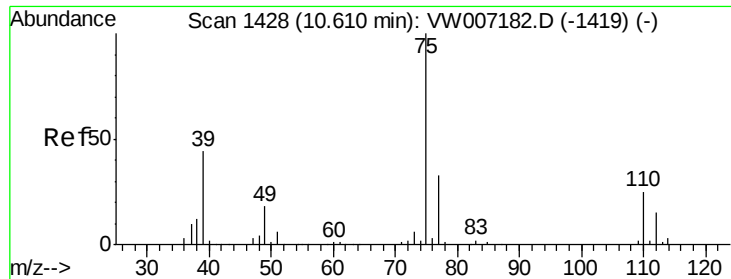
91 175.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.785 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

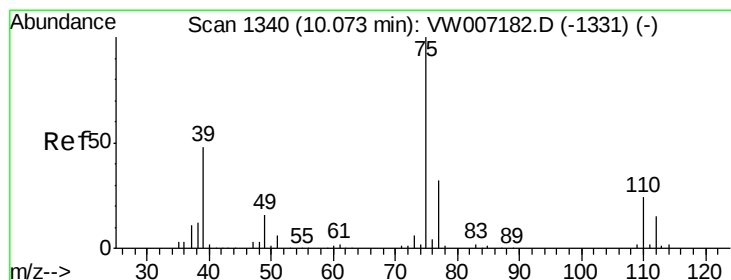
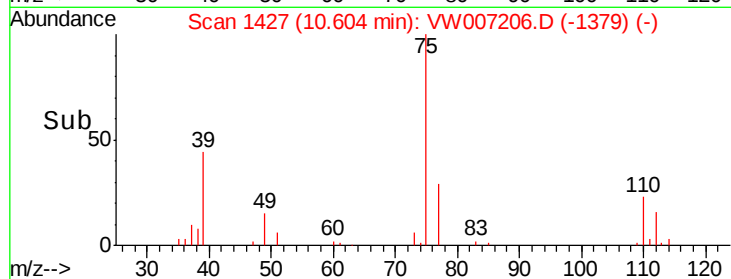
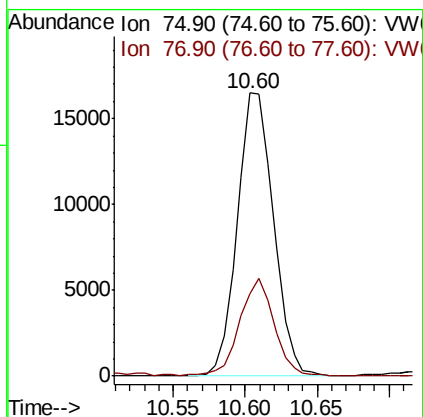
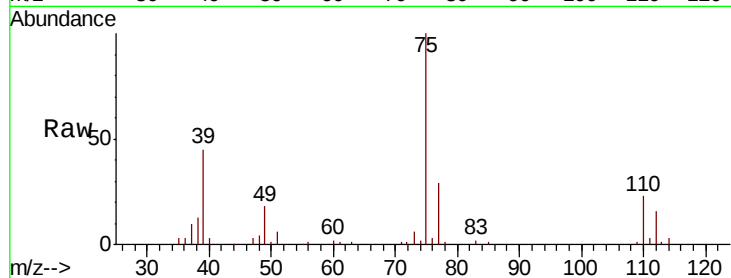
VW1204SBS02

Tot Ion: 75 Resp: 28755

Ion Ratio Lower Upper

75 100

77 29.2 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 20.569 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

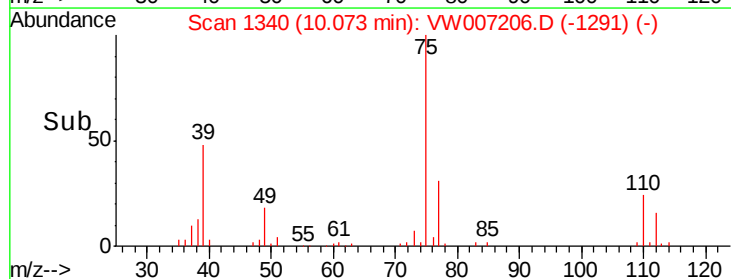
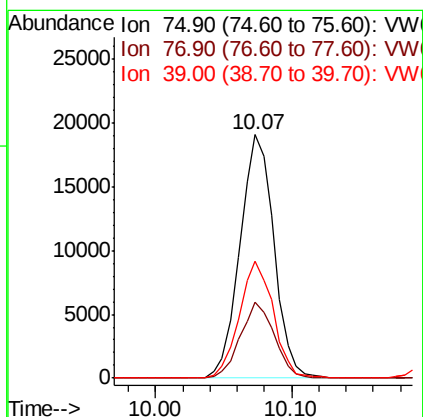
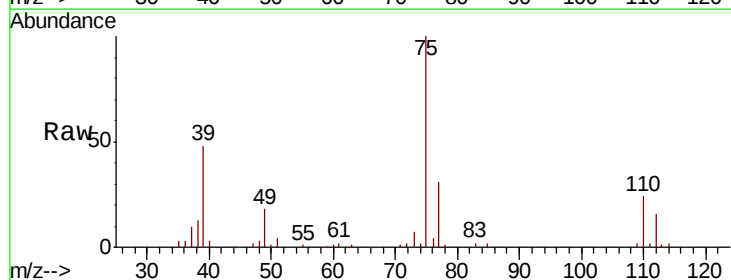
Tgt Ion: 75 Resp: 33349

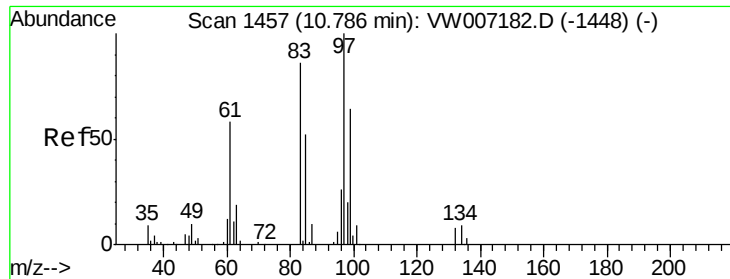
Ion Ratio Lower Upper

75 100

77 31.1 26.0 39.0

39 47.9 38.0 57.0

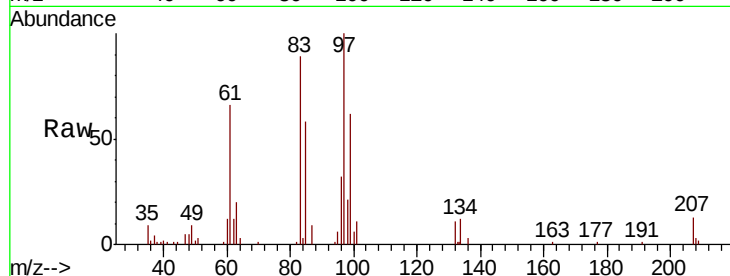




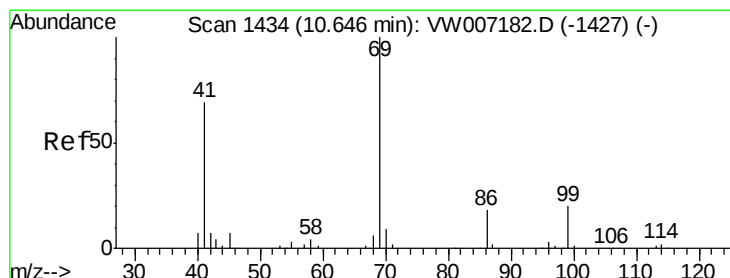
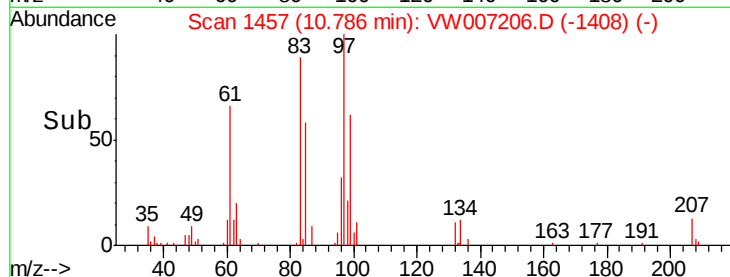
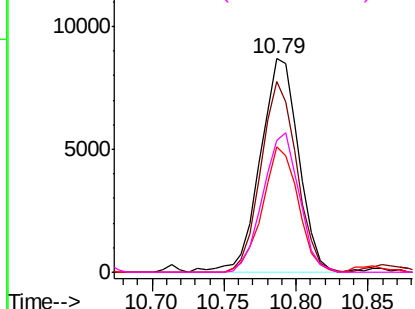
#55
 1,1,2-Trichloroethane
 Concen: 21.499 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Tot Ion:	97	Resp:	15997
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.6	102.8
85	58.5	41.4	62.2
99	61.9	51.2	76.8

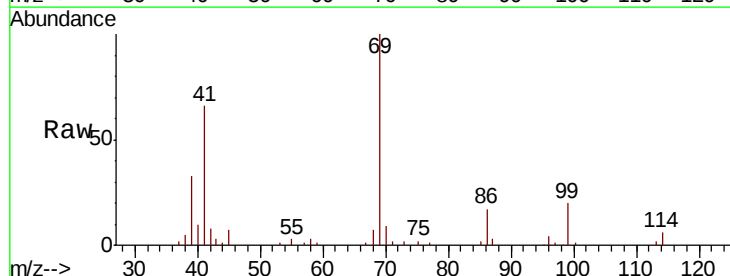


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

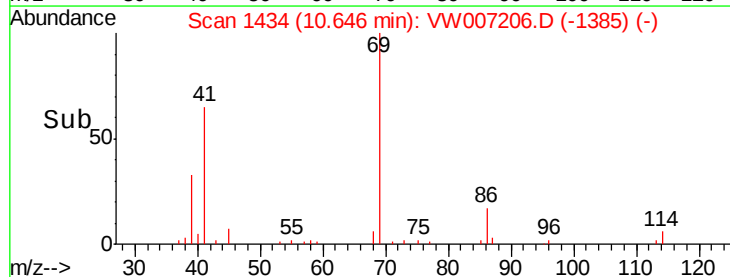
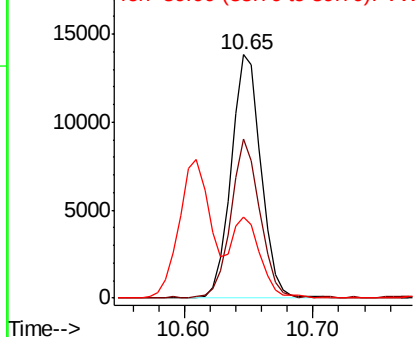


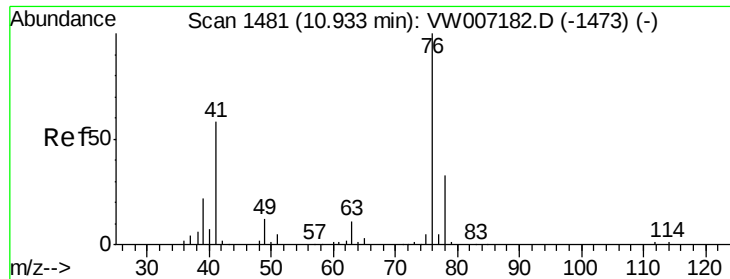
#56
 Ethyl methacrylate
 Concen: 22.923 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion:	69	Resp:	22250
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.8	77.6
39	33.6	28.7	43.1



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

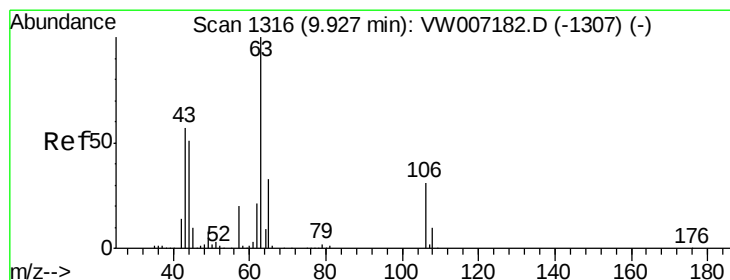
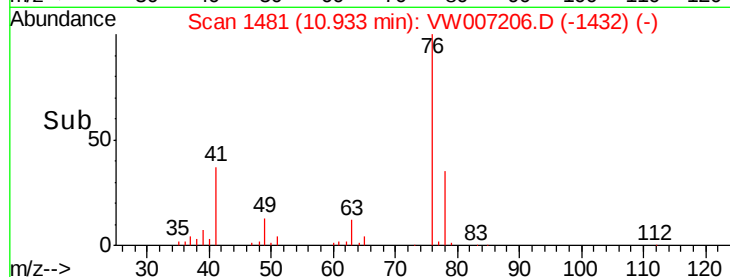
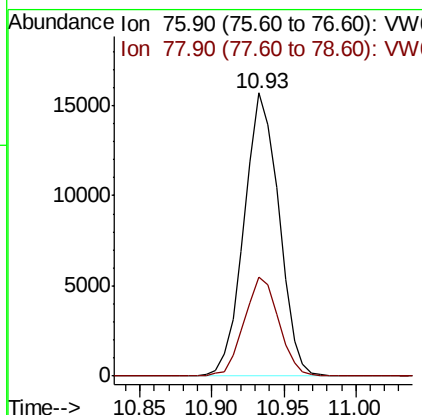
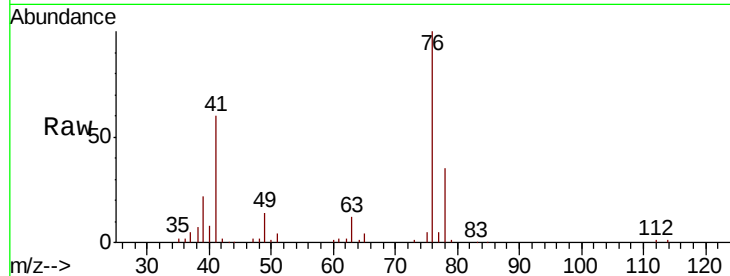




#57
 1,3-Dichloropropane
 Concen: 20.931 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

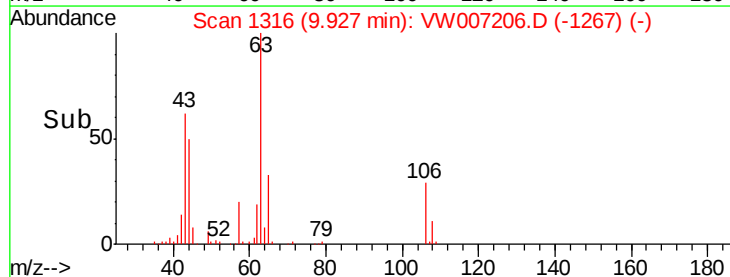
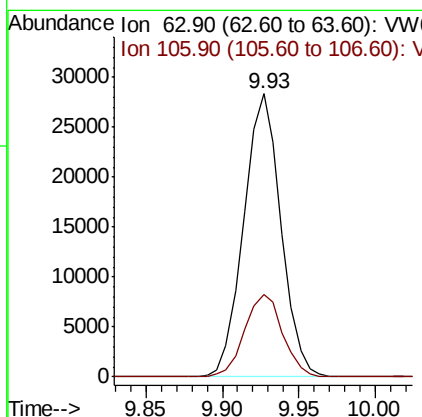
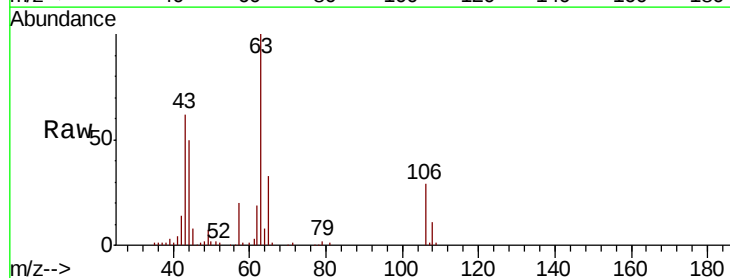
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBS02

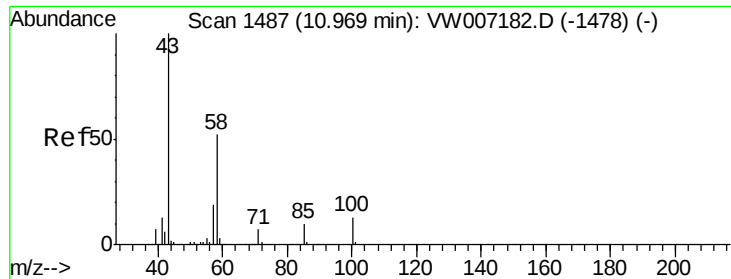
Tot Ion: 76 Resp: 26294
 Ion Ratio Lower Upper
 76 100
 78 34.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.950 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion: 63 Resp: 47934
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.1 36.1

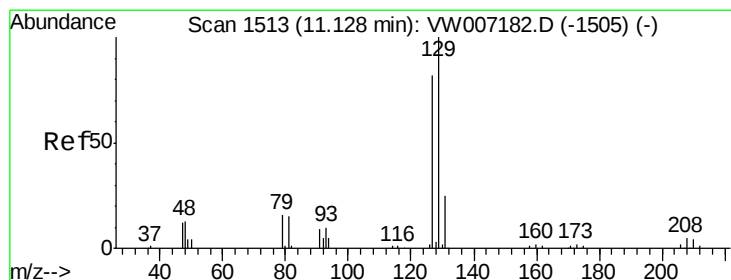
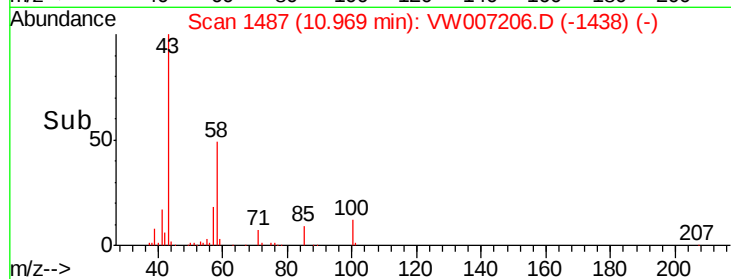
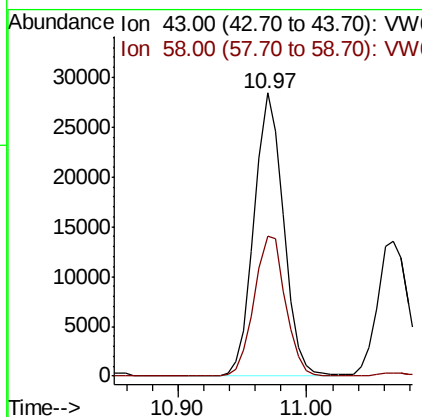
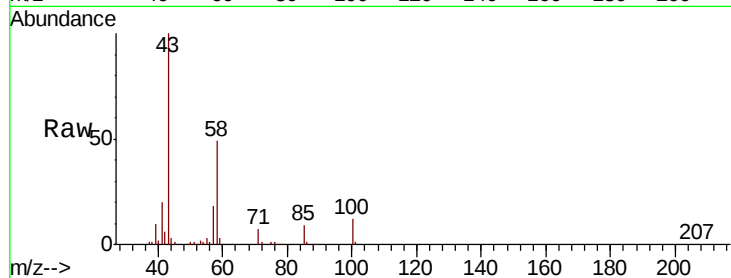




#59
2-Hexanone
Concen: 113.350 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

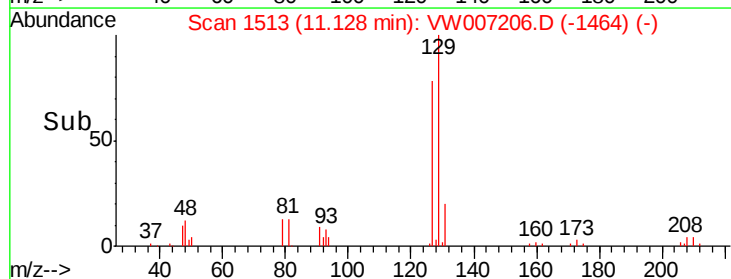
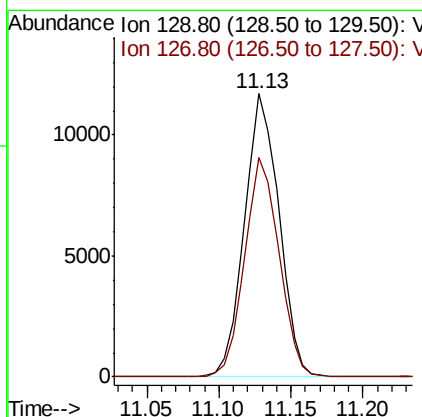
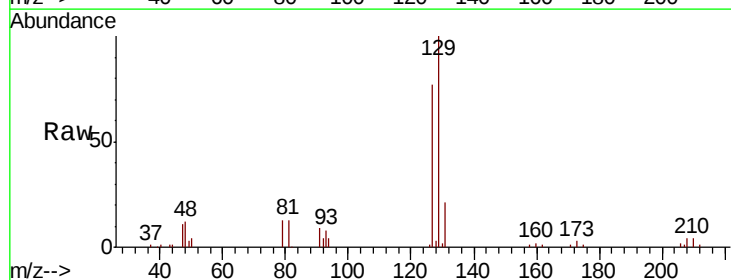
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

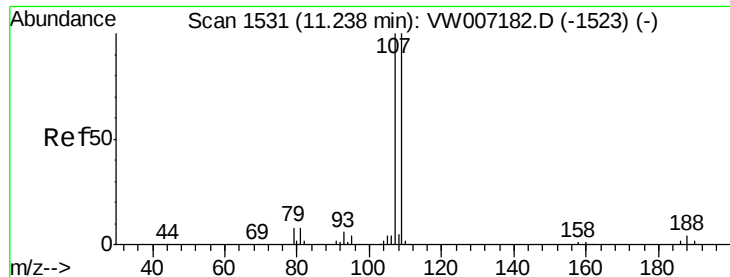
Tot Ion: 43 Resp: 44881
Ion Ratio Lower Upper
43 100
58 52.5 28.1 84.4



#60
Dibromochloromethane
Concen: 21.251 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 129 Resp: 19435
Ion Ratio Lower Upper
129 100
127 77.1 39.8 119.4

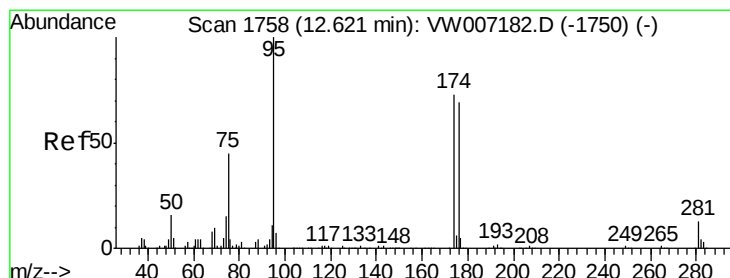
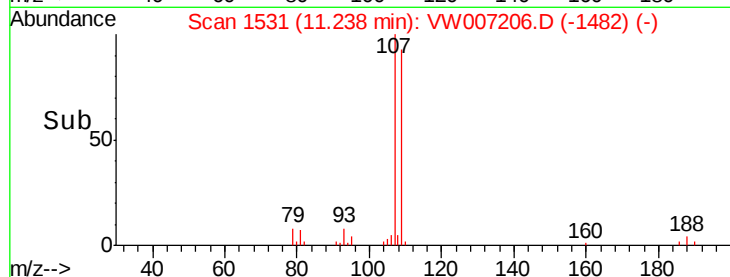
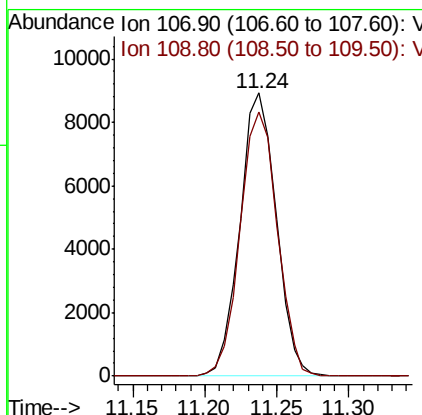
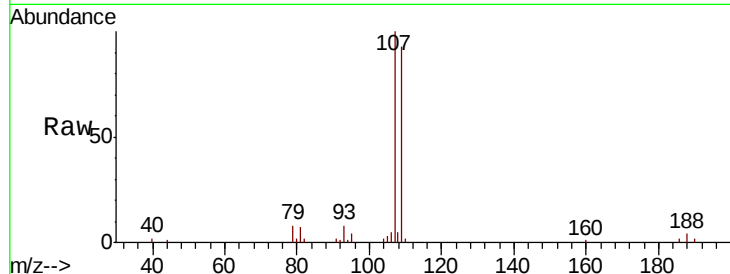




#61
 1,2-Dibromoethane
 Concen: 21.871 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

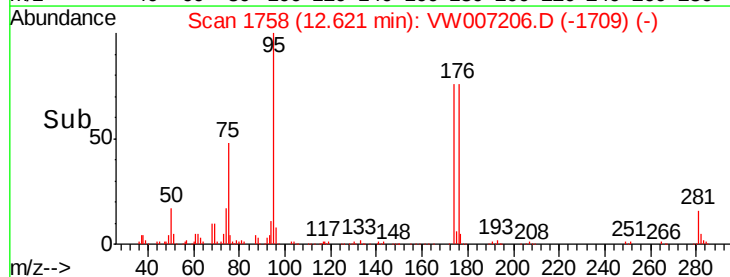
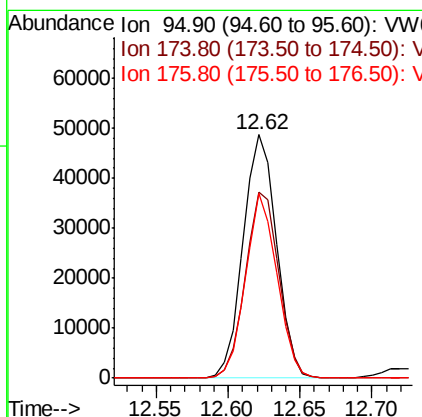
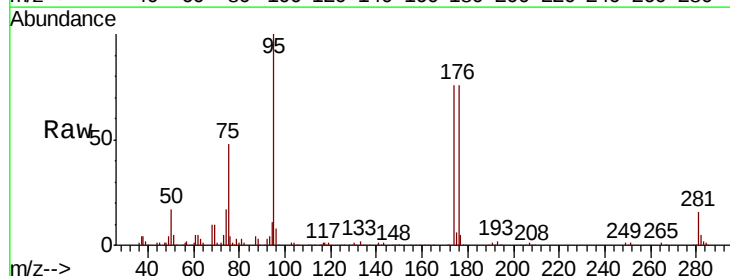
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Tot Ion: 107 Resp: 15609
 Ion Ratio Lower Upper
 107 100
 109 95.5 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 50.592 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion: 95 Resp: 78093
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 148.0
 176 71.7 0.0 139.4

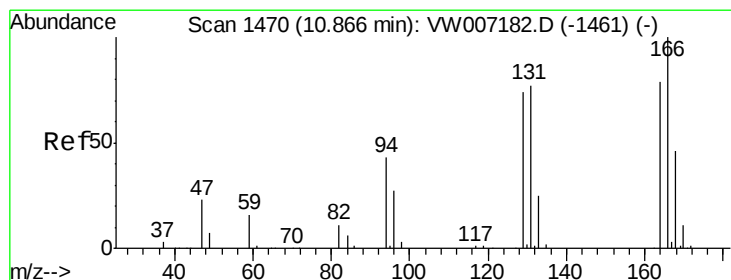
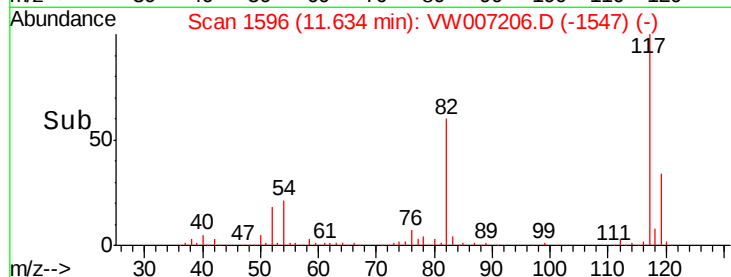
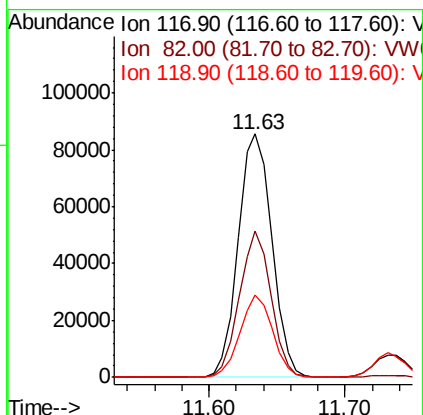
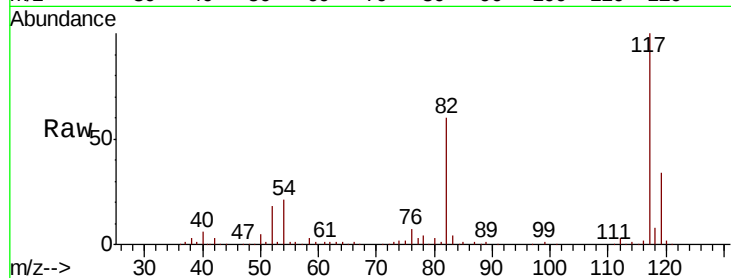




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

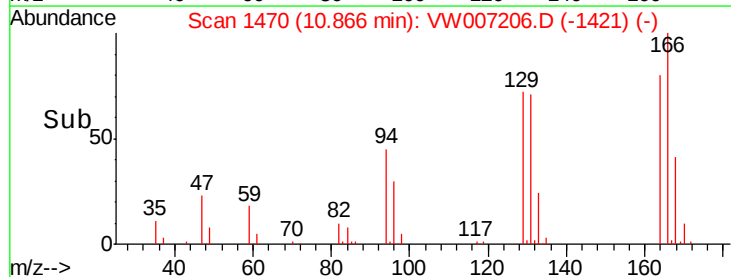
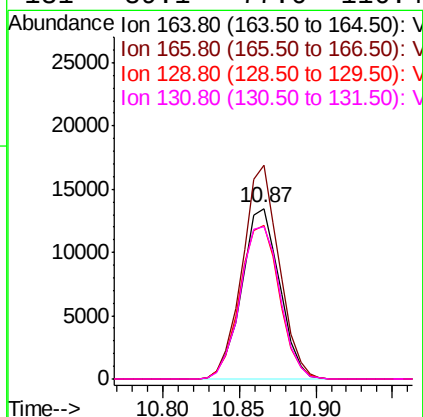
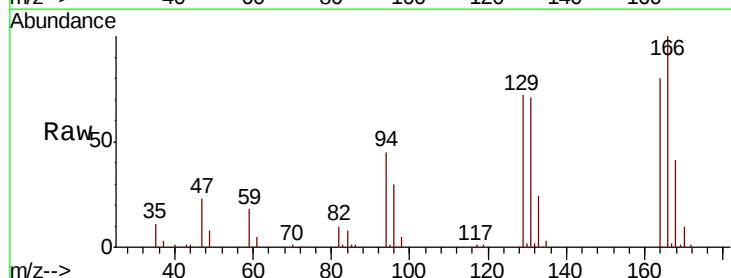
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

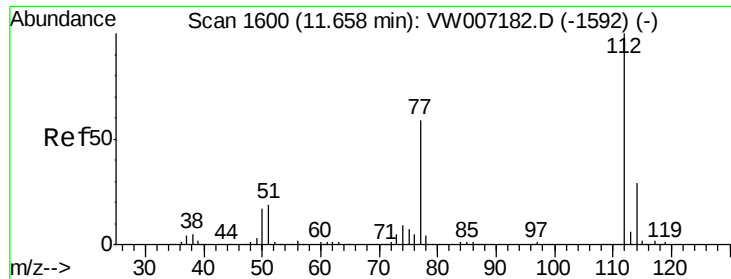
Tot Ion:117 Resp: 148588
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 33.9 26.8 40.2



#64
Tetrachloroethene
Concen: 21.303 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:164 Resp: 23127
Ion Ratio Lower Upper
164 100
166 125.2 101.0 151.4
129 89.8 74.6 111.8
131 89.1 77.6 116.4

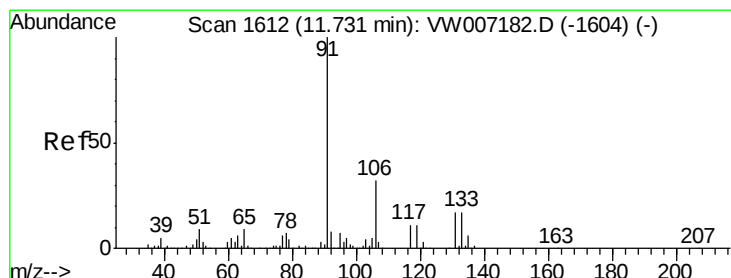
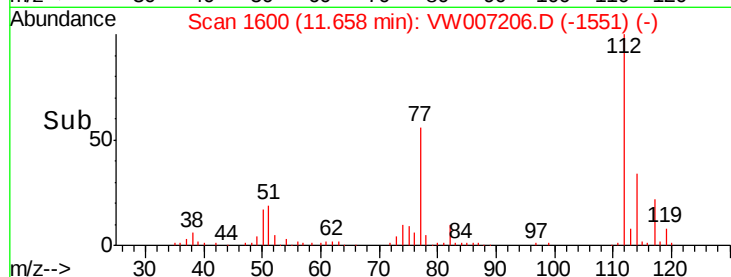
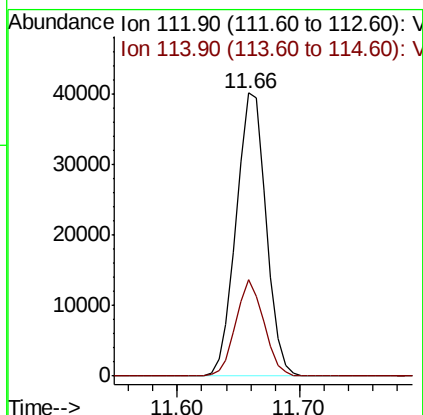
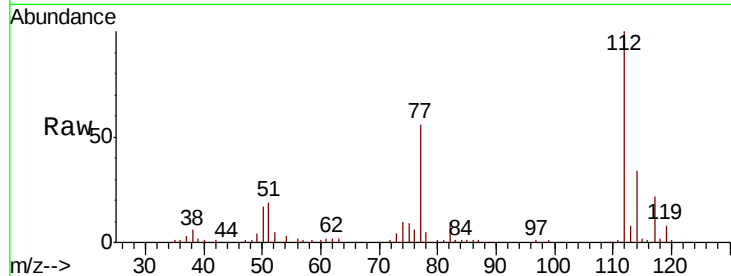




#65
Chlorobenzene
Concen: 20.527 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

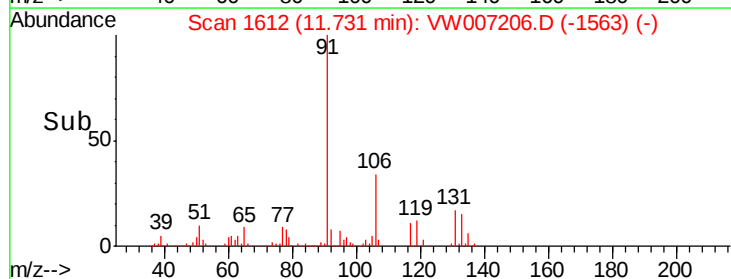
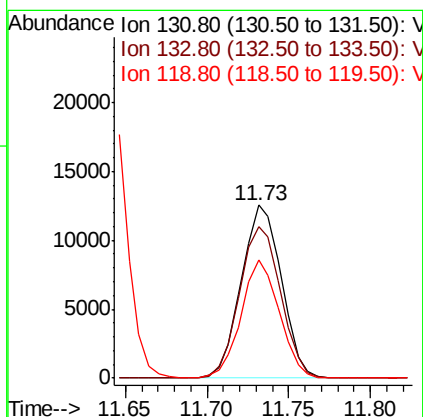
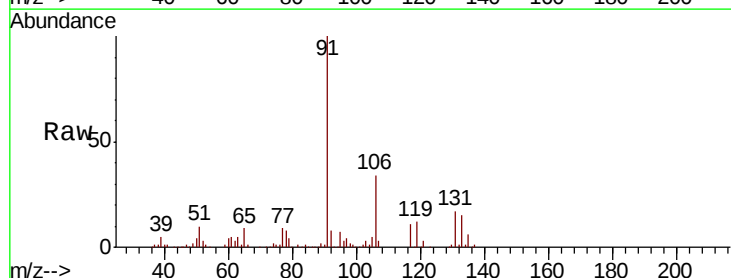
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion:112 Resp: 68119
Ion Ratio Lower Upper
112 100
114 34.2 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.015 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:131 Resp: 21538
Ion Ratio Lower Upper
131 100
133 89.7 48.0 144.2
119 65.0 32.8 98.4

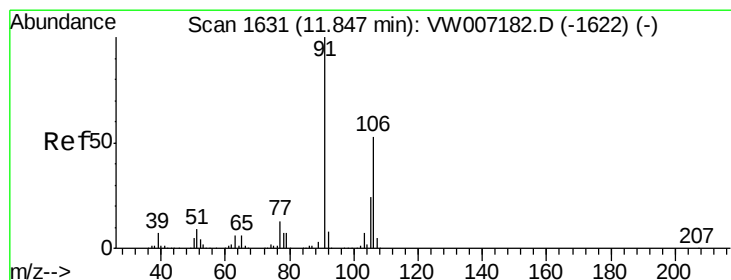
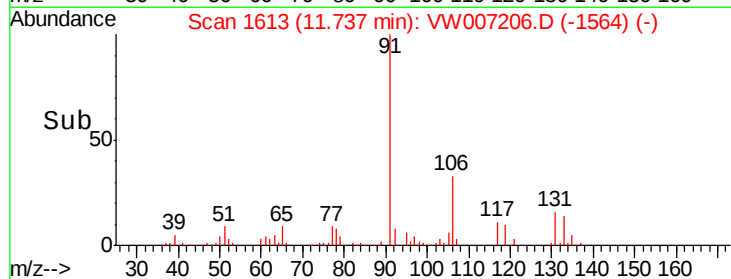
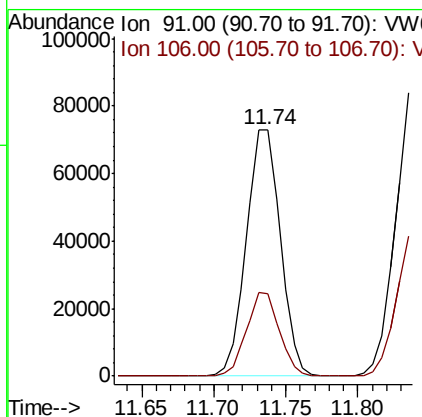
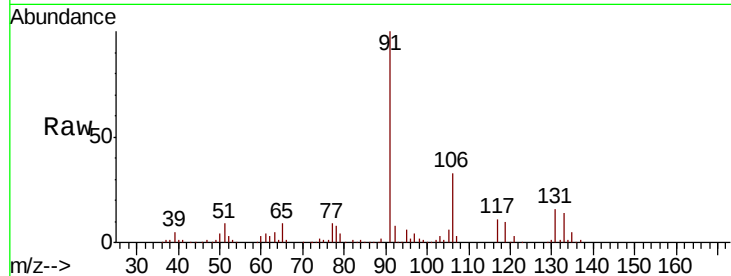




#67
Ethyl Benzene
Concen: 19.718 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

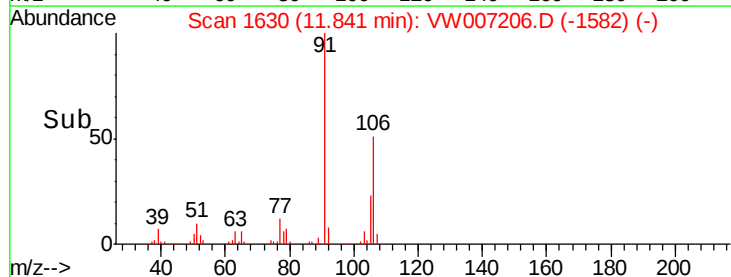
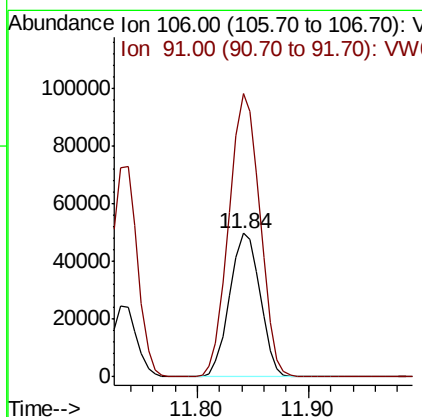
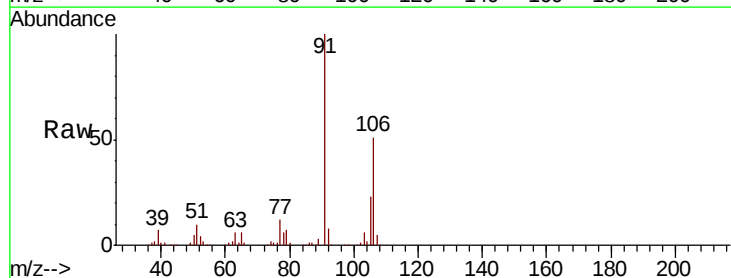
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion: 91 Resp: 119259
Ion Ratio Lower Upper
91 100
106 33.4 26.0 39.0



#68
m/p-Xylenes
Concen: 39.970 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion: 106 Resp: 94840
Ion Ratio Lower Upper
106 100
91 200.6 160.2 240.4

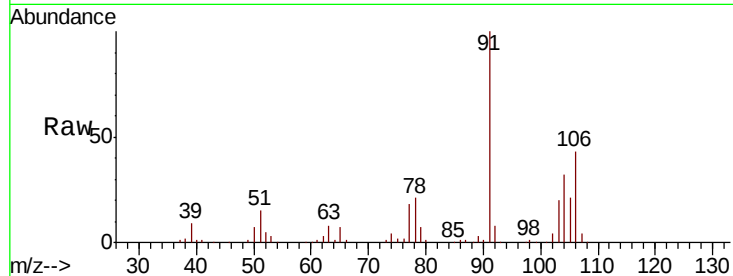




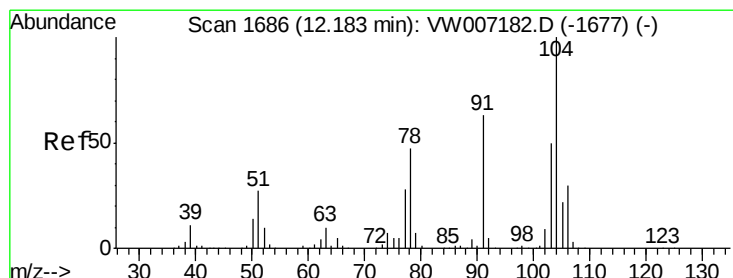
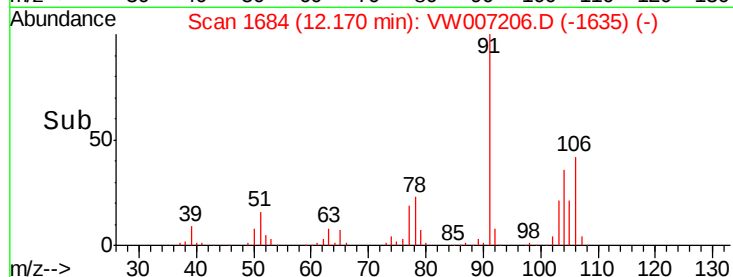
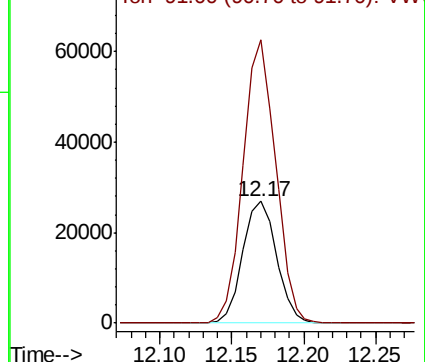
#69
o-Xylene
Concen: 19.805 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

Tot Ion:106 Resp: 43906
Ion Ratio Lower Upper
106 100
91 223.6 104.9 314.7

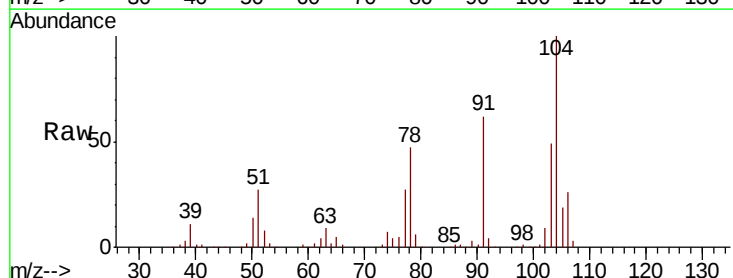


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

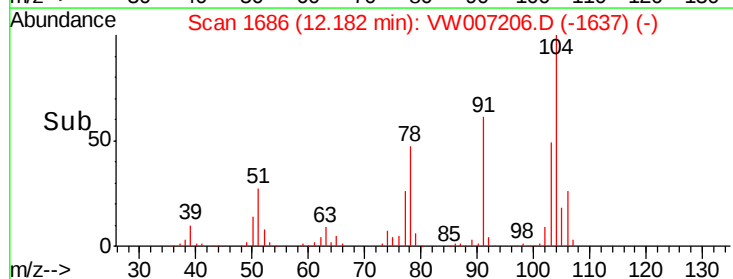
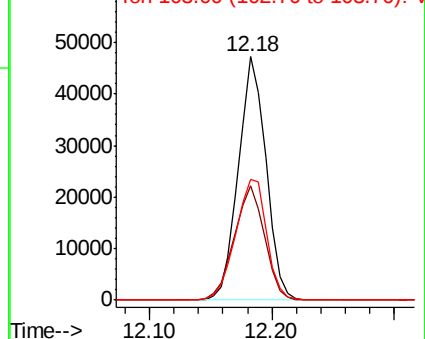


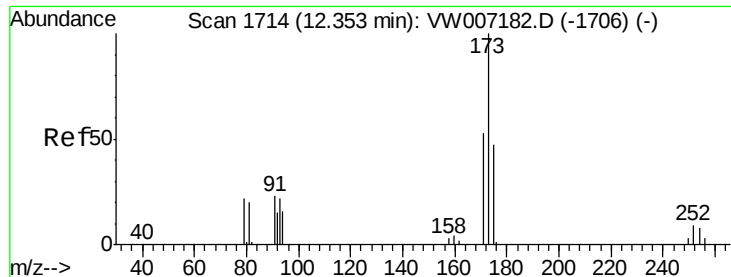
#70
Styrene
Concen: 20.360 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:104 Resp: 73886
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 55.8 43.0 64.4



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

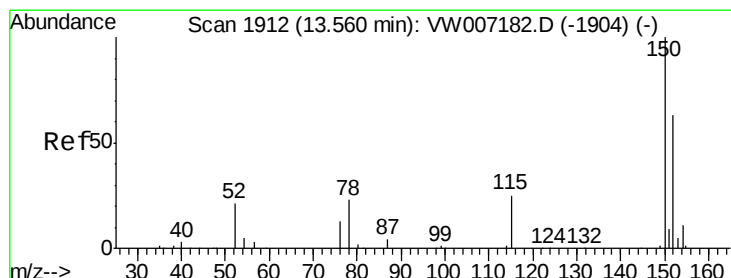
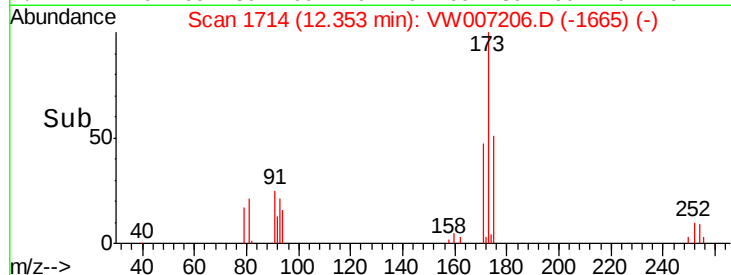
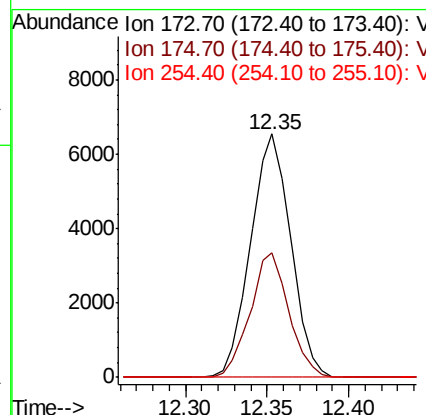
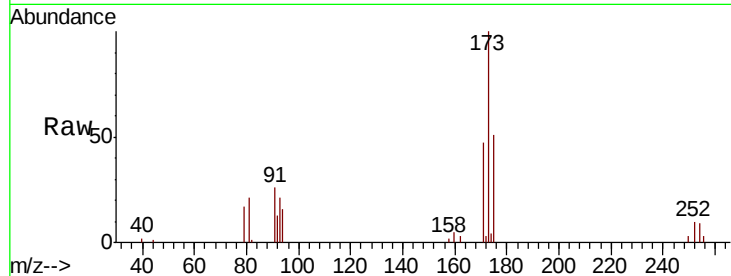




#71
Bromoform
Concen: 21.799 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

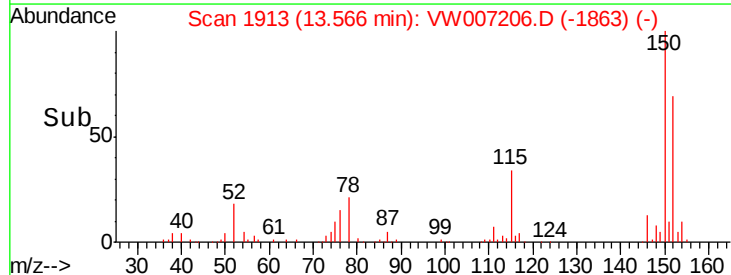
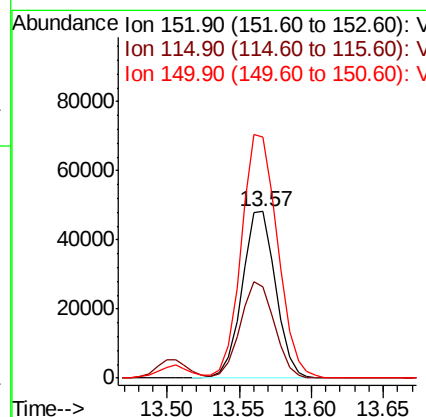
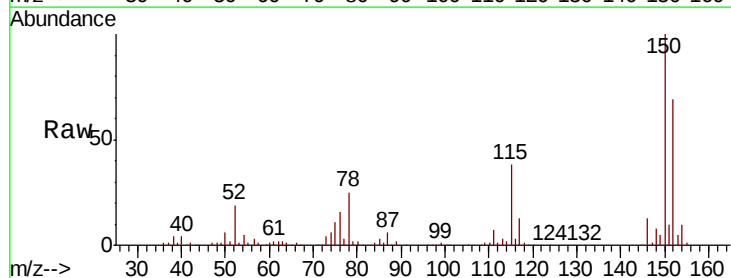
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBSD02

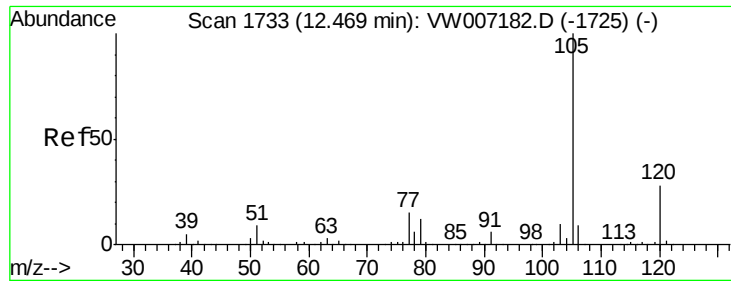
Tot Ion:173 Resp: 11184
Ion Ratio Lower Upper
173 100
175 49.2 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007206.D
Acq: 05 Dec 2018 01:26

Tgt Ion:152 Resp: 77638
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 158.4 0.0 358.0





#73

Isopropylbenzene

Concen: 18.518 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

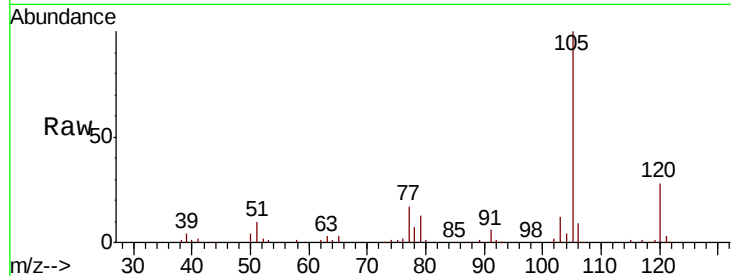
VW1204SBSD02

Tot Ion:105 Resp: 116932

Ion Ratio Lower Upper

105 100

120 27.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

80000

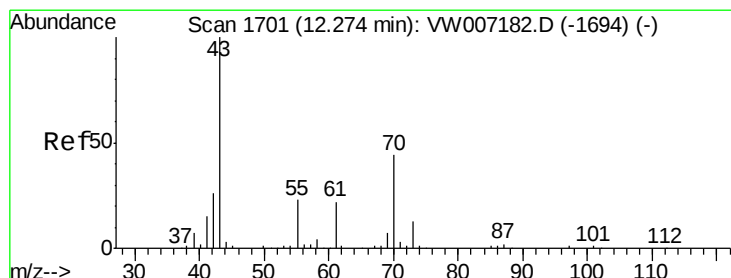
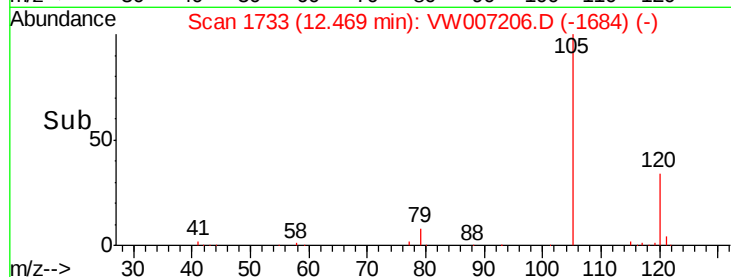
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 21.129 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion: 43 Resp: 23655

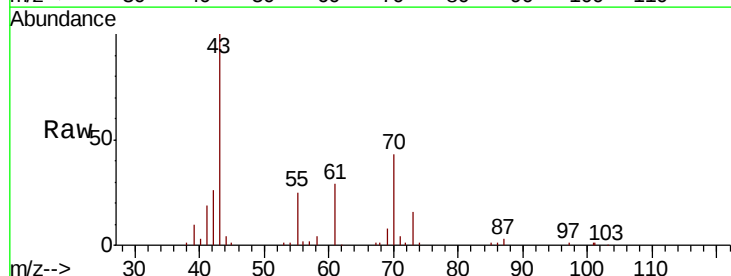
Ion Ratio Lower Upper

43 100

70 44.1 34.0 51.0

55 25.3 19.0 28.6

61 24.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

20000

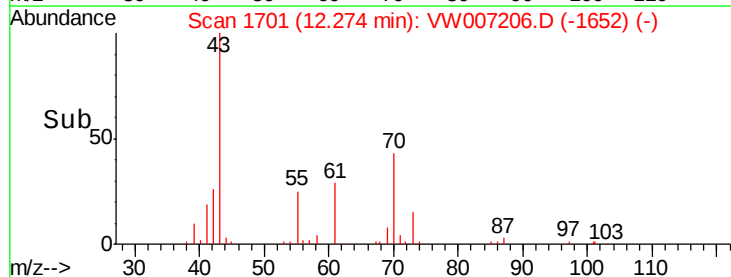
15000

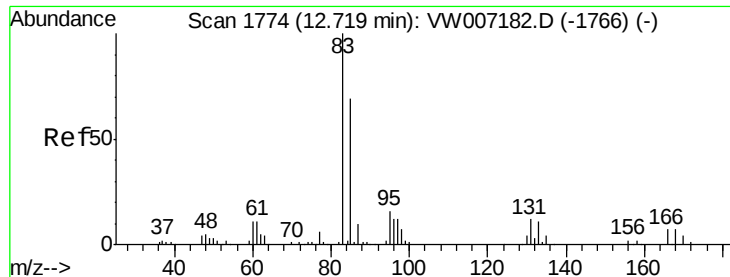
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.888 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

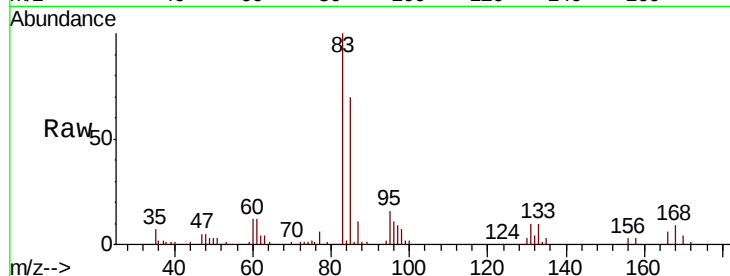
Tot Ion: 83 Resp: 18770

Ion Ratio Lower Upper

83 100

131 12.3 6.0 18.1

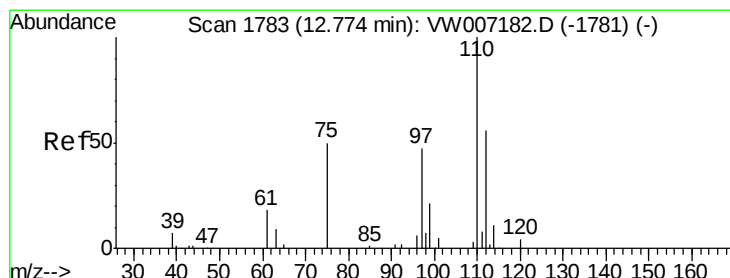
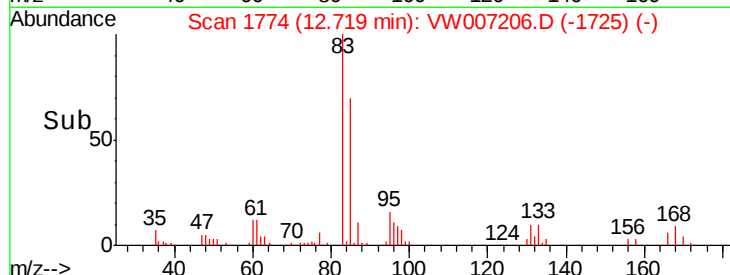
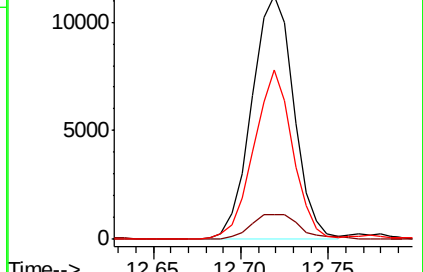
85 64.3 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 21.507 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007206.D

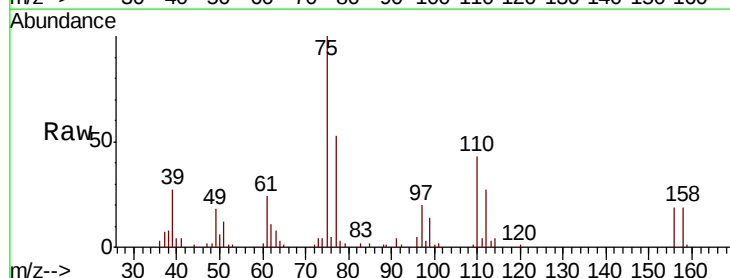
Acq: 05 Dec 2018 01:26

Tgt Ion: 75 Resp: 25093

Ion Ratio Lower Upper

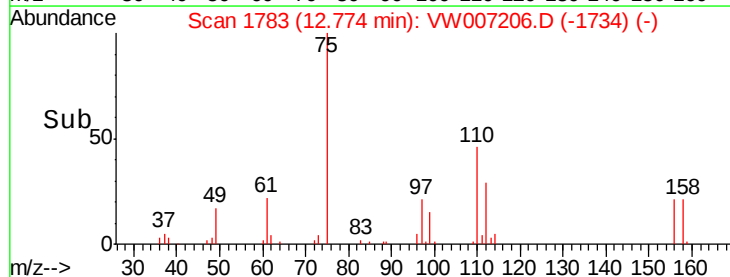
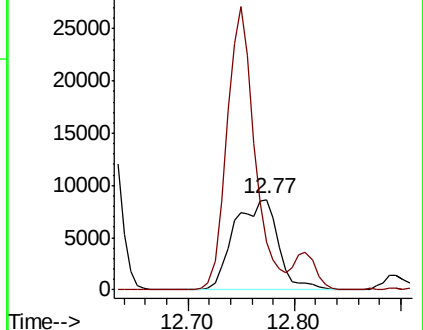
75 100

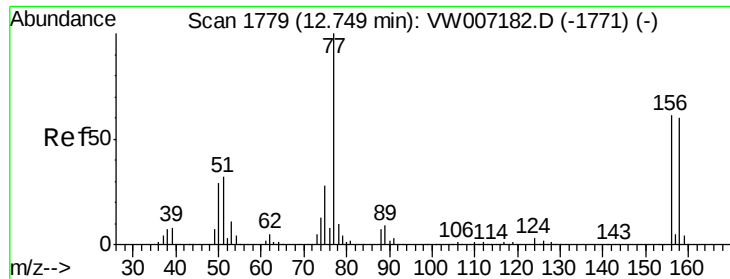
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.643 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

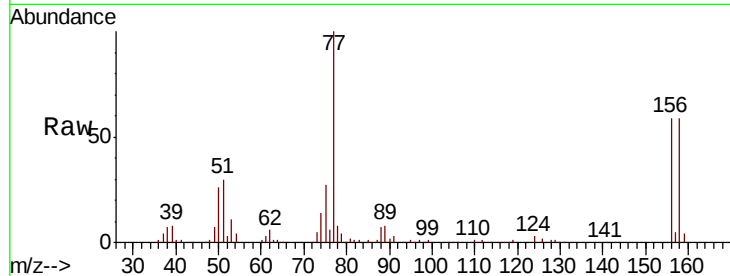
Tot Ion:156 Resp: 26774

Ion Ratio Lower Upper

156 100

77 186.0 92.0 276.1

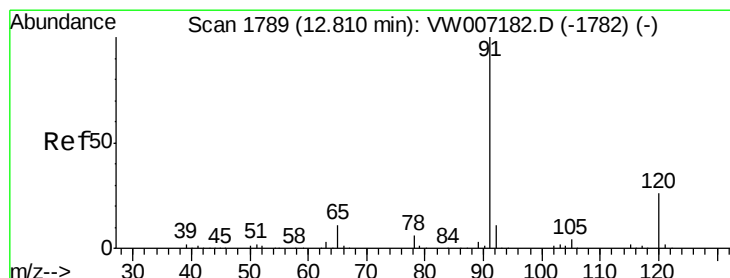
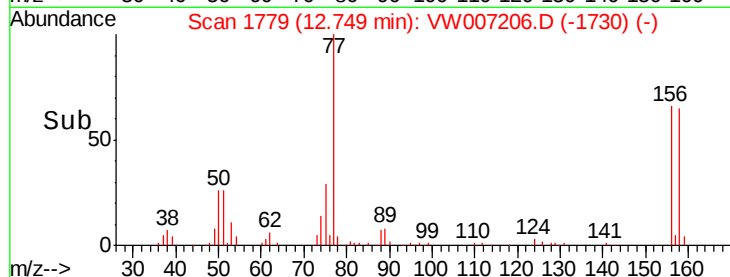
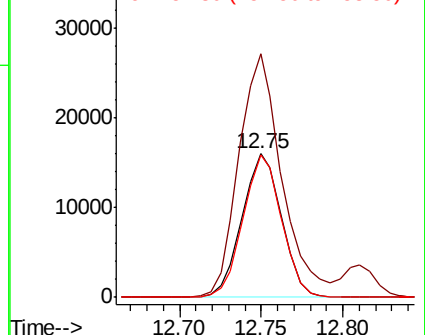
158 97.5 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.440 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007206.D

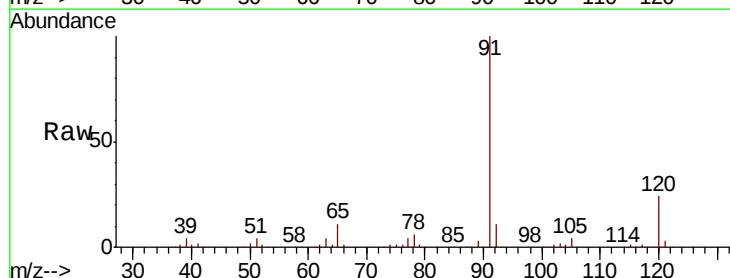
Acq: 05 Dec 2018 01:26

Tgt Ion: 91 Resp: 138725

Ion Ratio Lower Upper

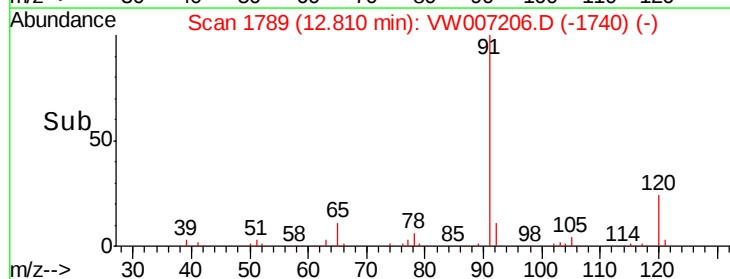
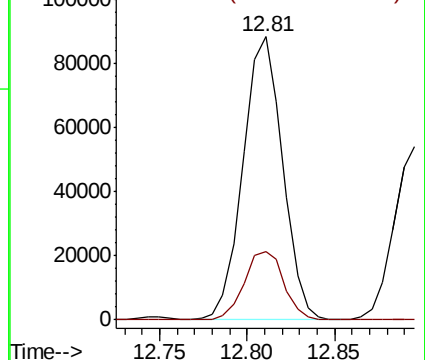
91 100

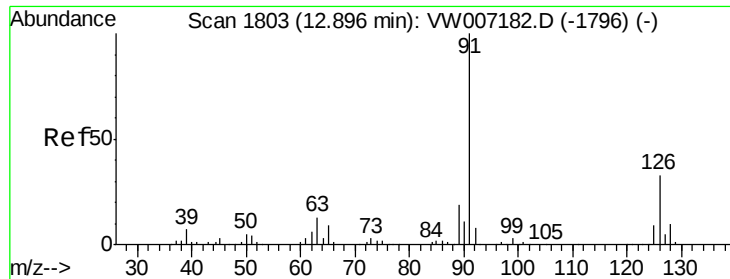
120 24.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

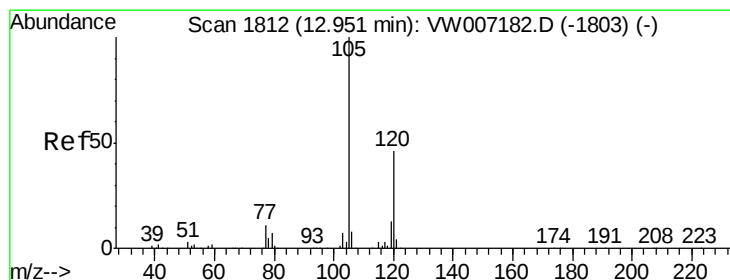
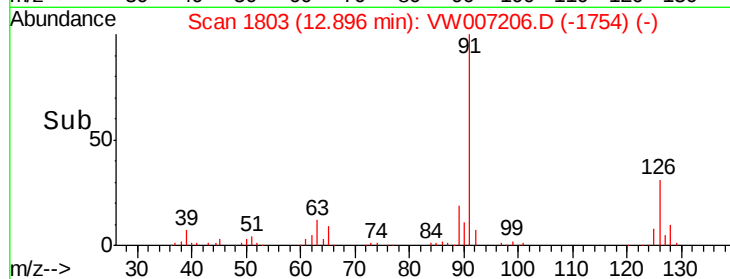
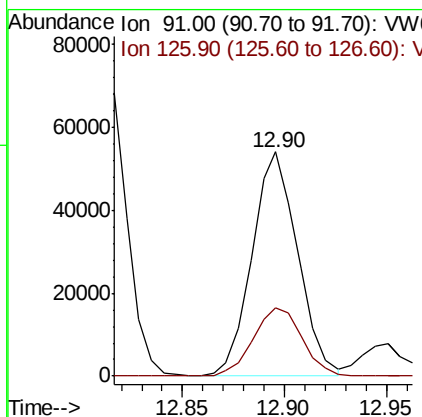
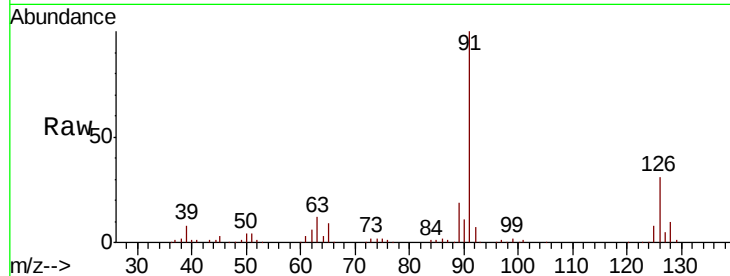




#79
 2-Chlorotoluene
 Concen: 19.789 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

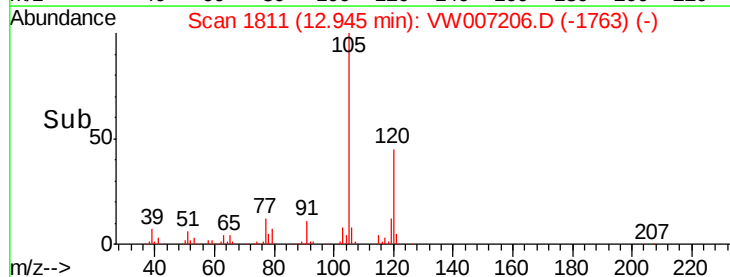
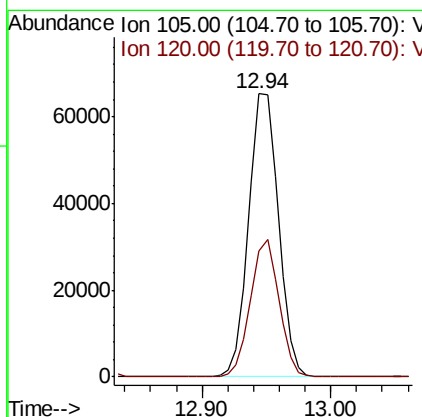
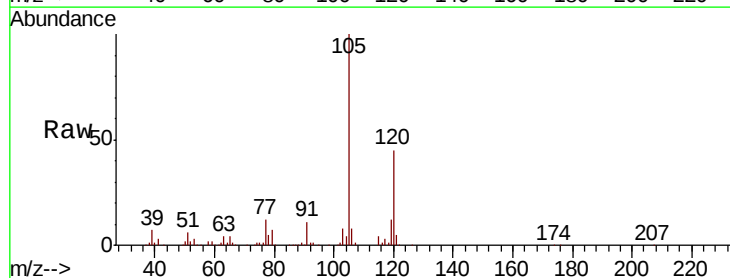
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

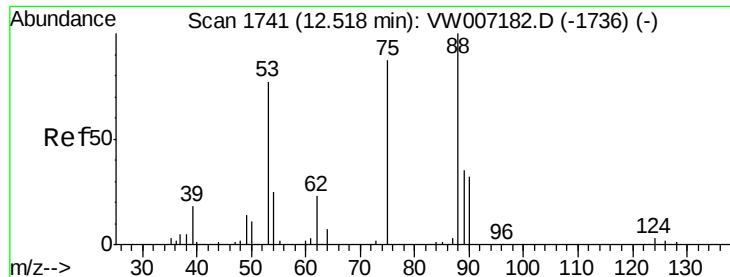
Tot Ion: 91 Resp: 84068
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.313 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion:105 Resp: 104329
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 21.465 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

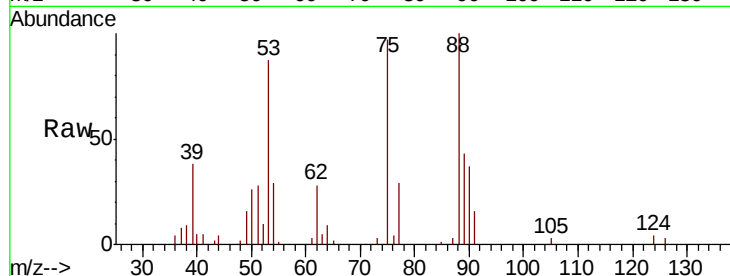
Tot Ion: 75 Resp: 5987

Ion Ratio Lower Upper

75 100

53 91.8 72.8 109.2

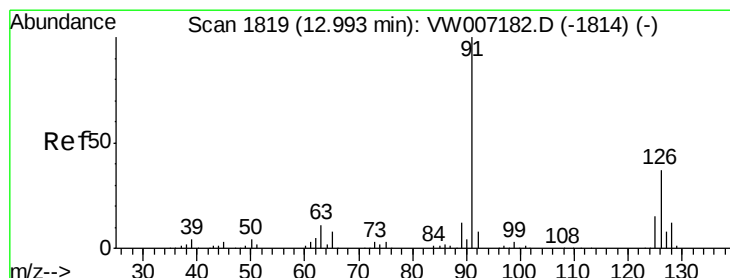
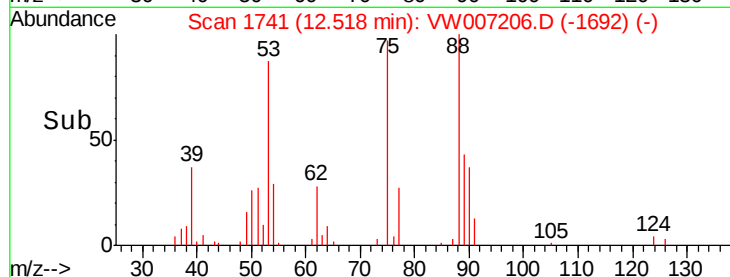
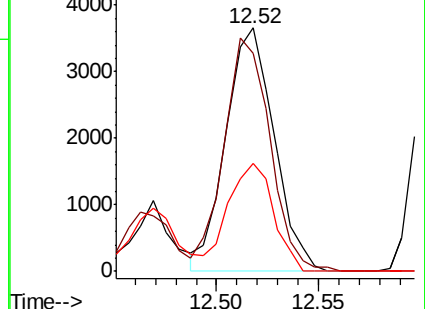
89 41.4 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 19.677 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007206.D

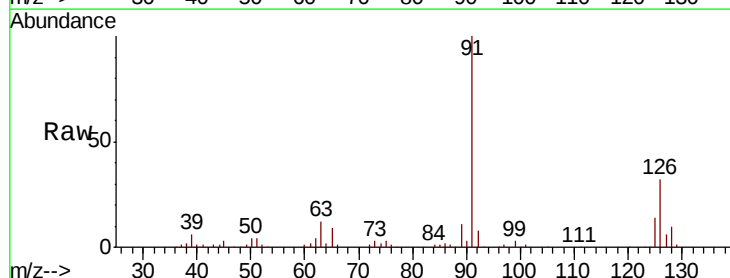
Acq: 05 Dec 2018 01:26

Tgt Ion: 91 Resp: 88928

Ion Ratio Lower Upper

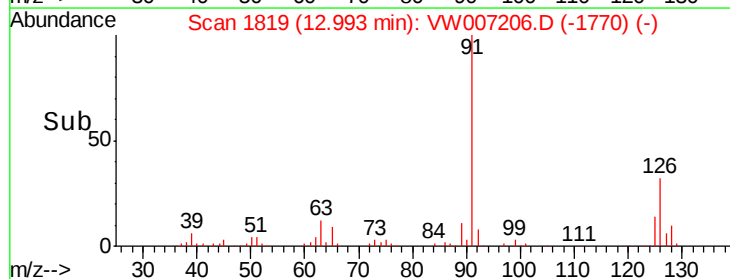
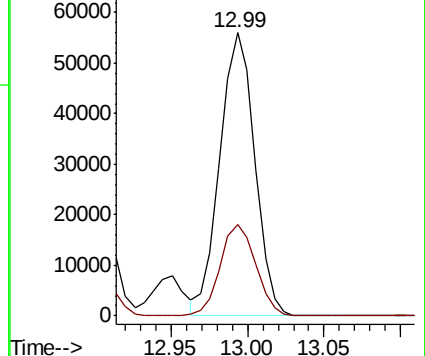
91 100

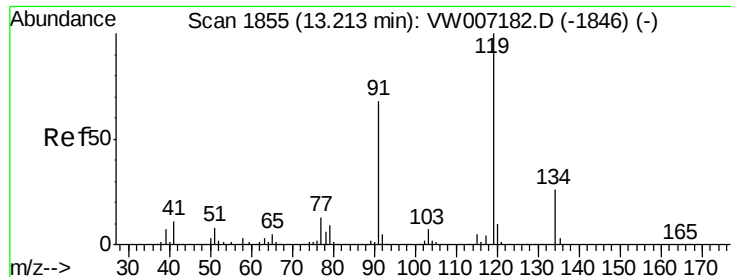
126 32.8 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.268 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

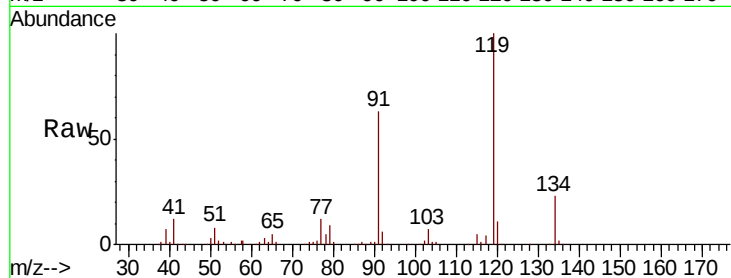
Tot Ion:119 Resp: 90960

Ion Ratio Lower Upper

119 100

91 65.2 34.0 101.8

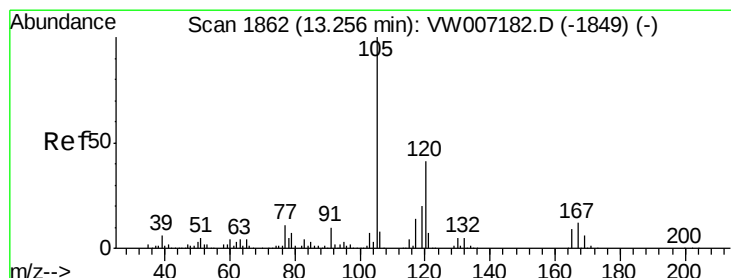
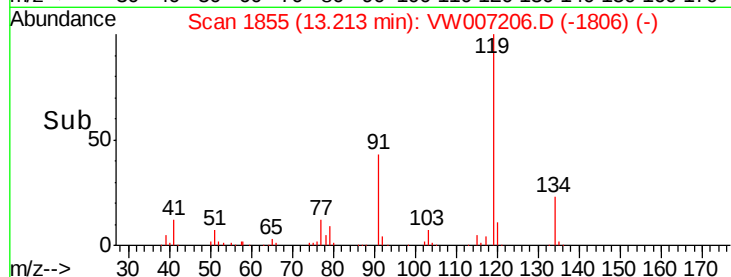
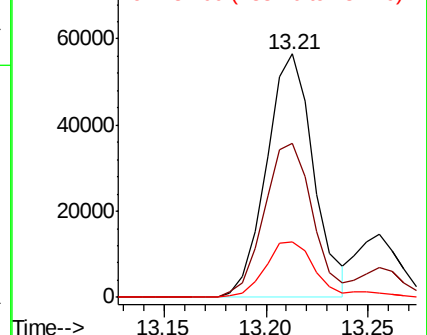
134 25.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.491 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007206.D

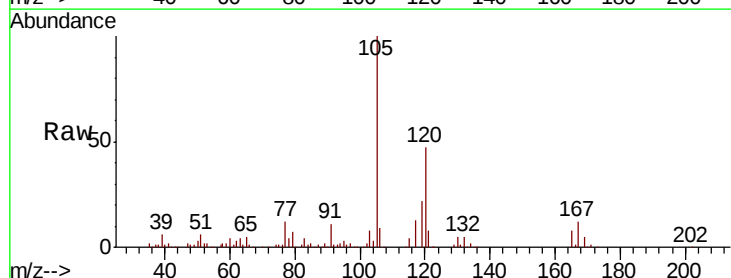
Acq: 05 Dec 2018 01:26

Tgt Ion:105 Resp: 101966

Ion Ratio Lower Upper

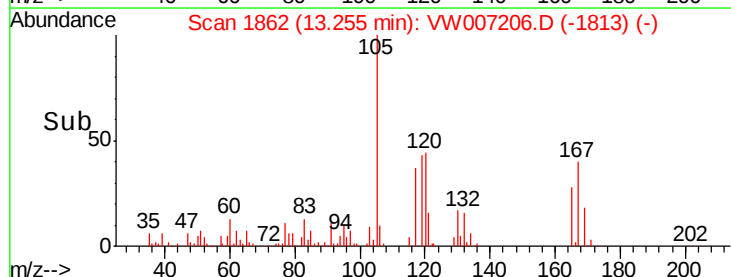
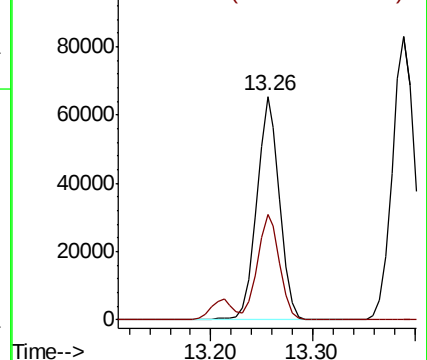
105 100

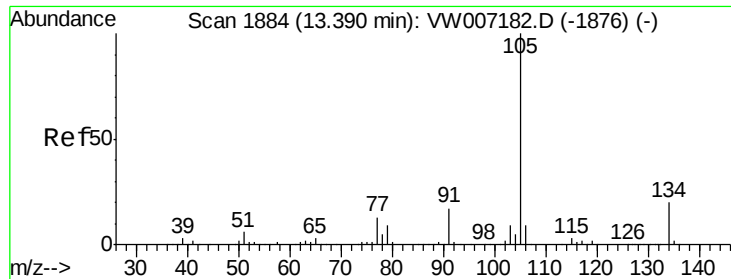
120 45.8 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.962 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

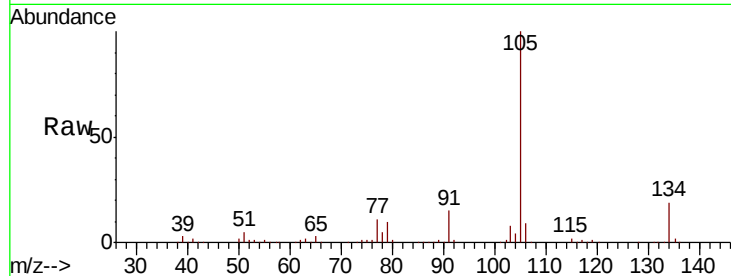
VW1204SBSD02

Tot Ion:105 Resp: 127789

Ion Ratio Lower Upper

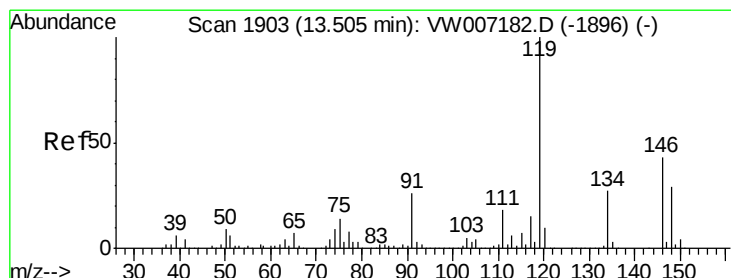
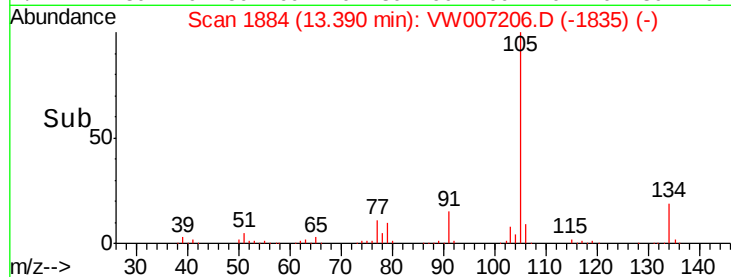
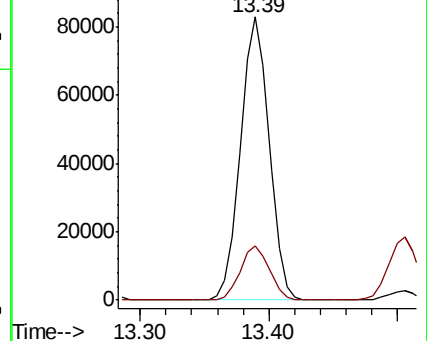
105 100

134 19.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.199 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

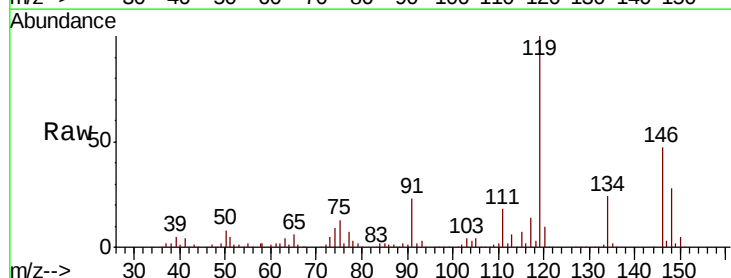
Tgt Ion:119 Resp: 115184

Ion Ratio Lower Upper

119 100

134 25.0 13.2 39.6

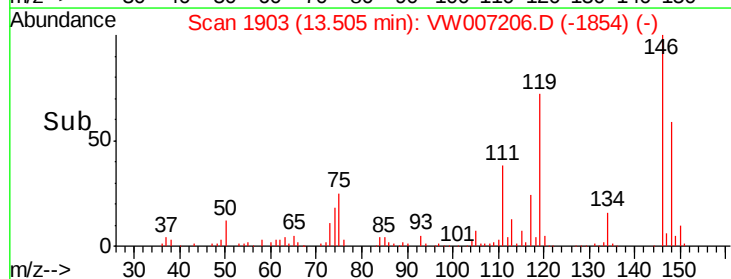
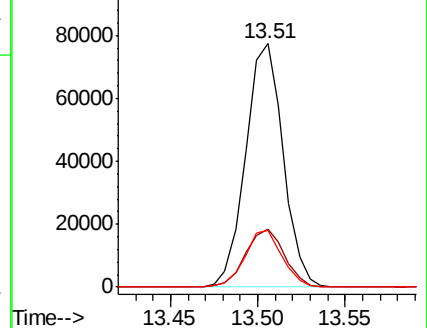
91 23.3 12.4 37.2

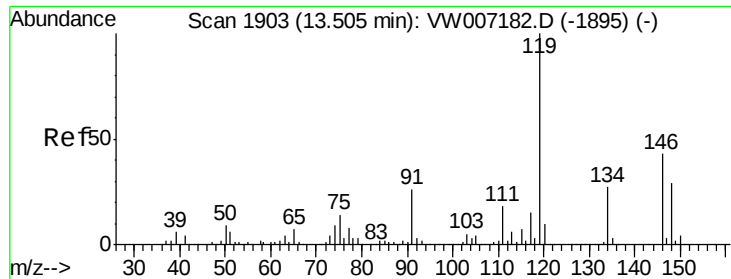


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.806 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007206.D

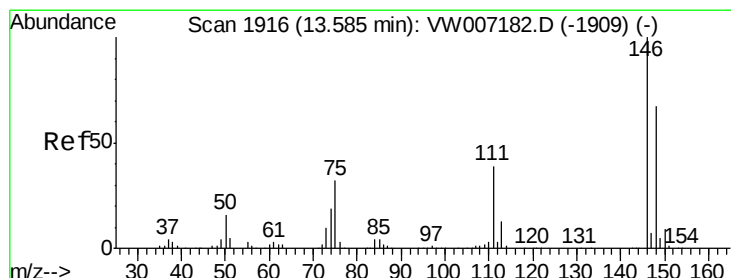
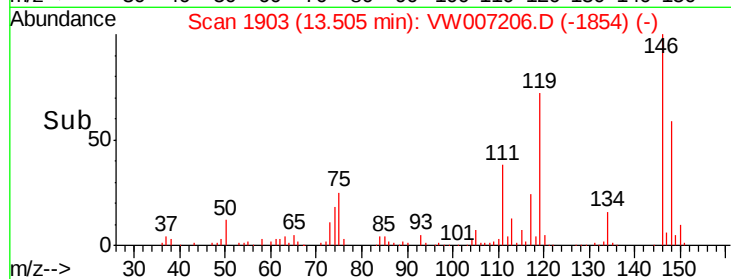
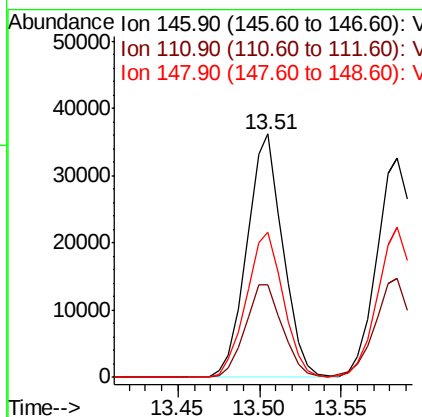
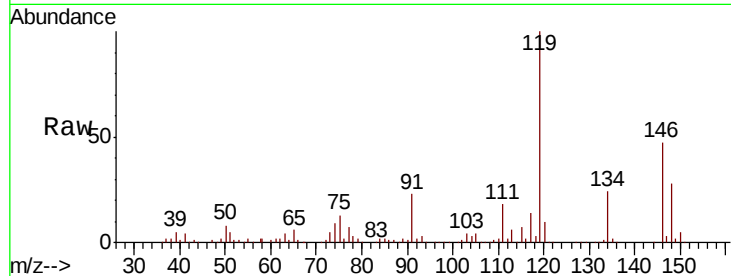
Acq: 05 Dec 2018 01:26

Instrument :
MSVOA_W

ClientSampleId :
VW1204SBSD02

Tot Ion:146 Resp: 55420

Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.1	63.4
148	61.5	32.8	98.4



#88

1,4-Dichlorobenzene

Concen: 18.728 ug/l

RT: 13.58 min Scan# 1916

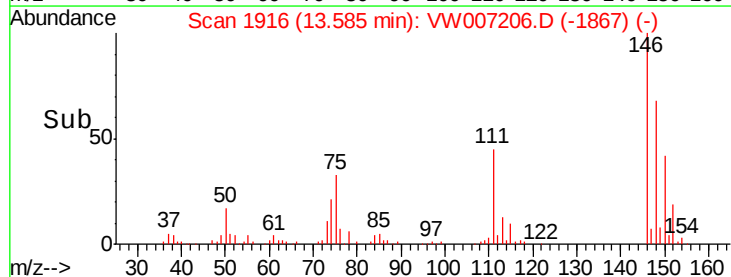
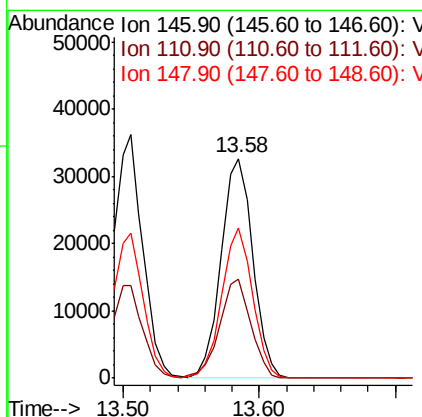
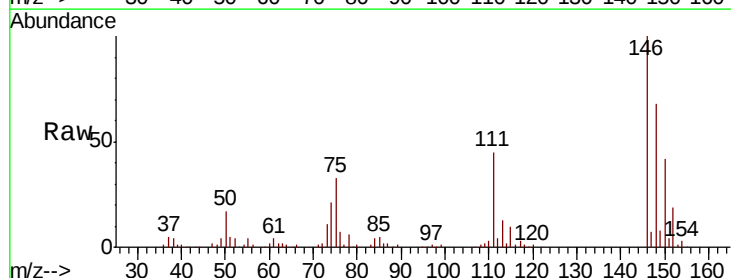
Delta R.T. -0.00 min

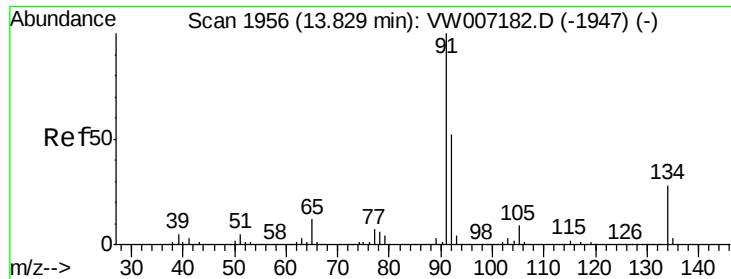
Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Tgt Ion:146 Resp: 52931

Ion	Ratio	Lower	Upper
146	100		
111	44.4	19.6	58.8
148	66.5	32.6	98.0





#89

n-Butylbenzene

Concen: 18.449 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

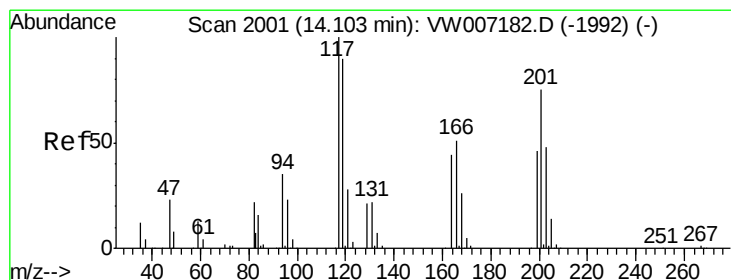
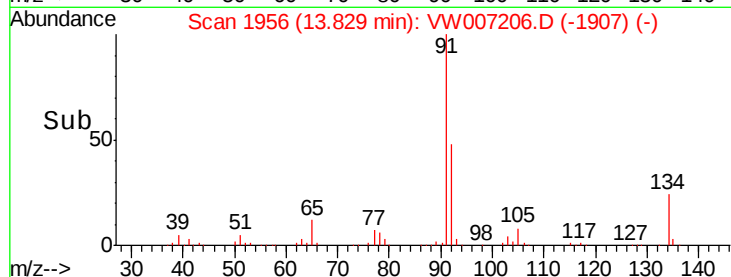
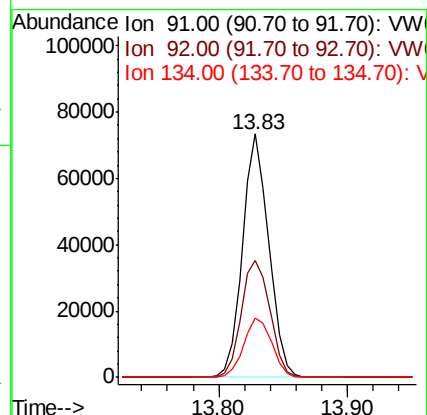
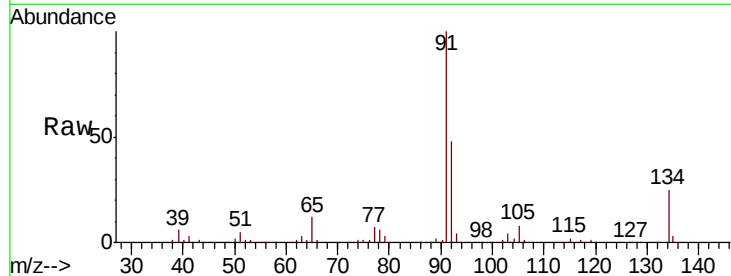
Tot Ion: 91 Resp: 103429

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 25.9 14.1 42.2



#90

Hexachloroethane

Concen: 18.065 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007206.D

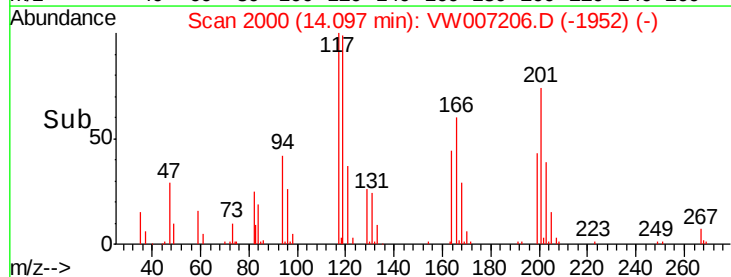
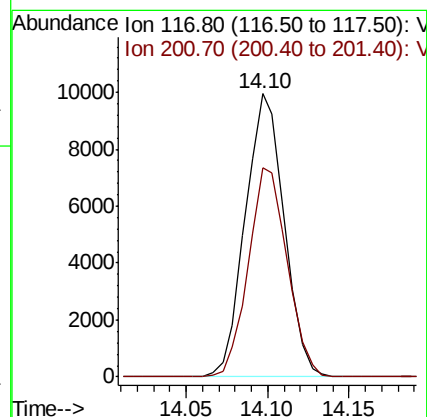
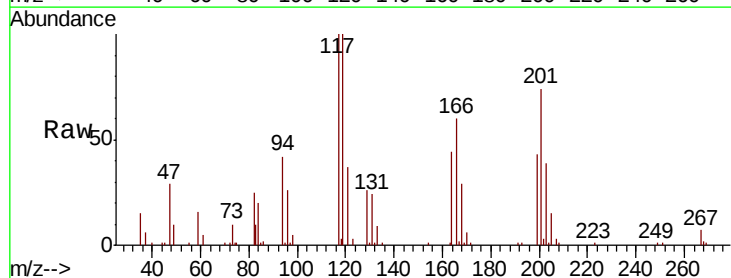
Acq: 05 Dec 2018 01:26

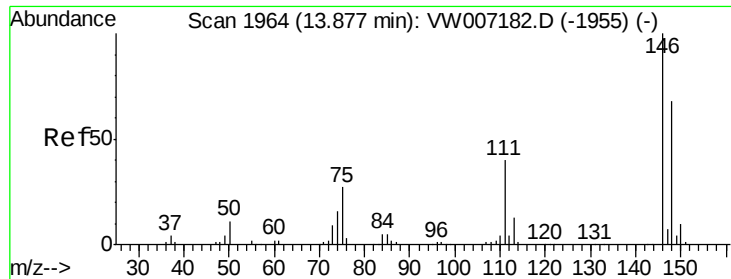
Tgt Ion: 117 Resp: 16516

Ion Ratio Lower Upper

117 100

201 73.8 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 19.456 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

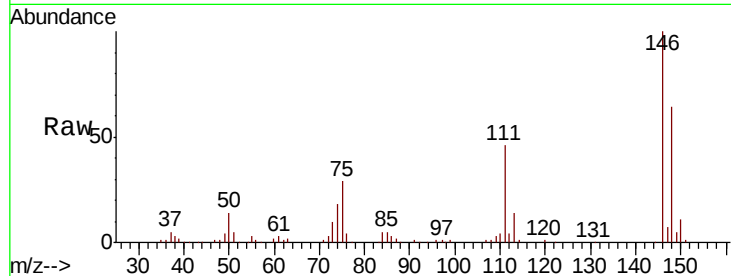
Tot Ion:146 Resp: 47129

Ion Ratio Lower Upper

146 100

111 45.3 21.6 65.0

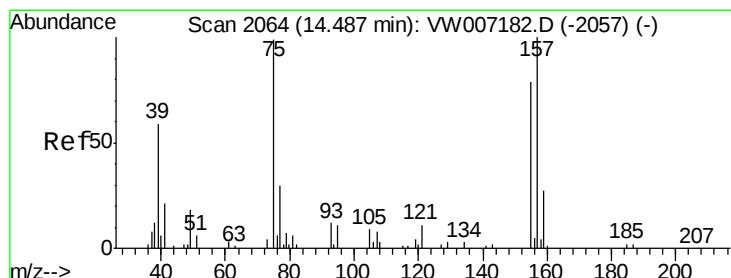
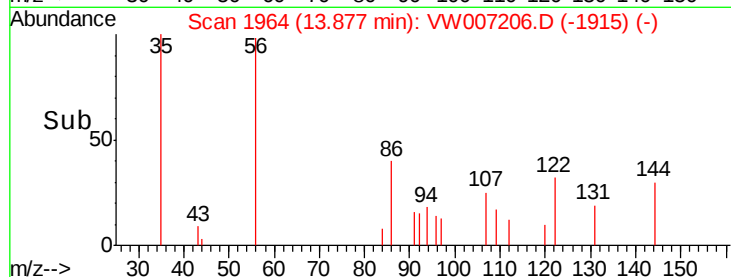
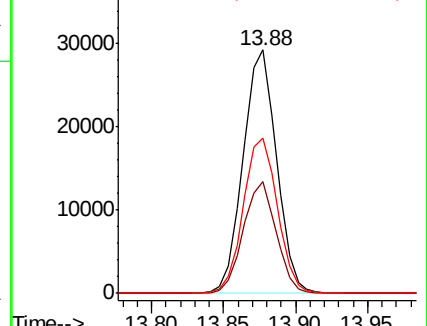
148 65.0 32.7 98.1



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: 20.520 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

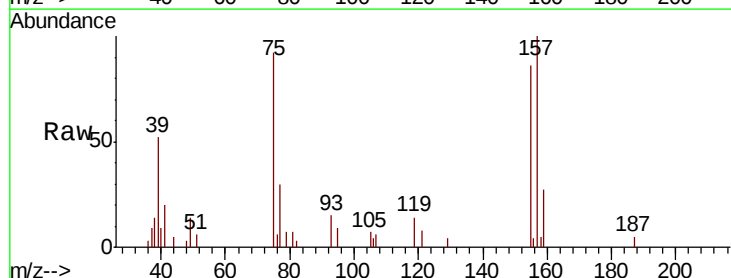
Tgt Ion: 75 Resp: 3260

Ion Ratio Lower Upper

75 100

155 87.9 42.4 127.2

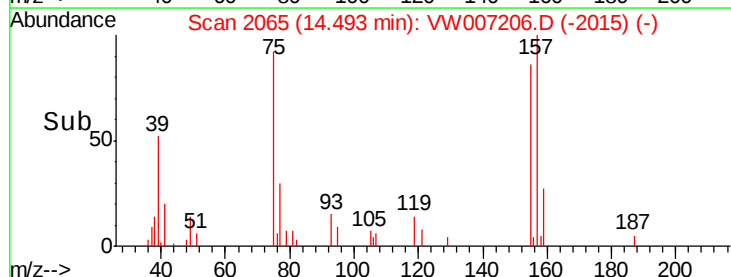
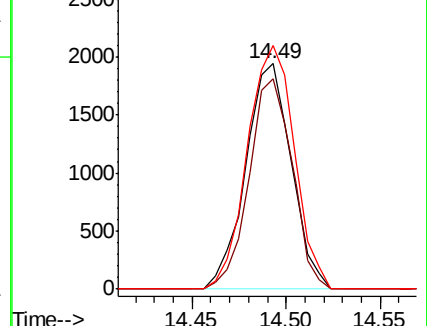
157 111.3 55.3 165.9

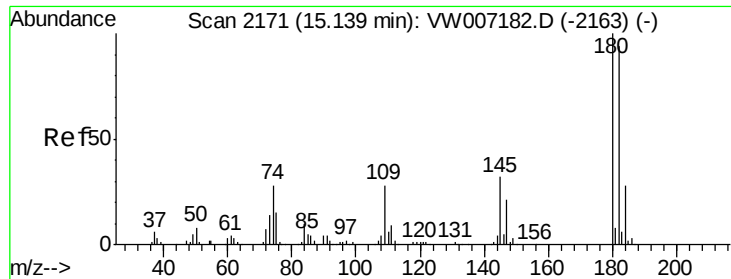


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

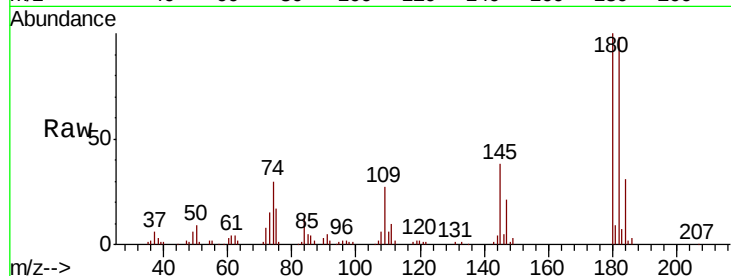




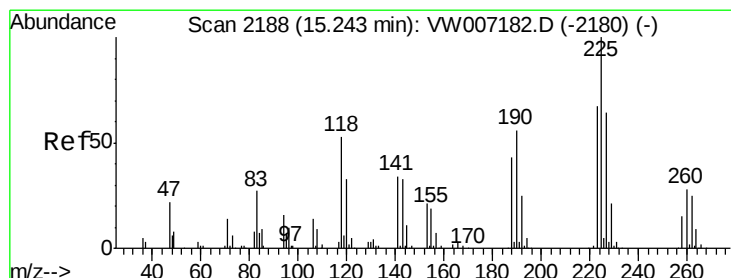
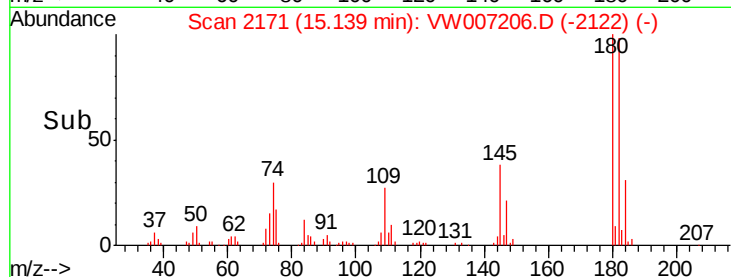
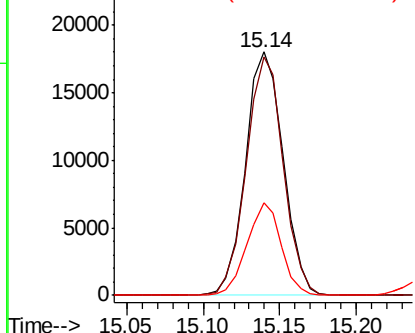
#93
 1,2,4-Trichlorobenzene
 Concen: 18.369 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBSD02

Tot Ion:180 Resp: 30836
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.9 143.8
 145 34.4 16.6 49.7

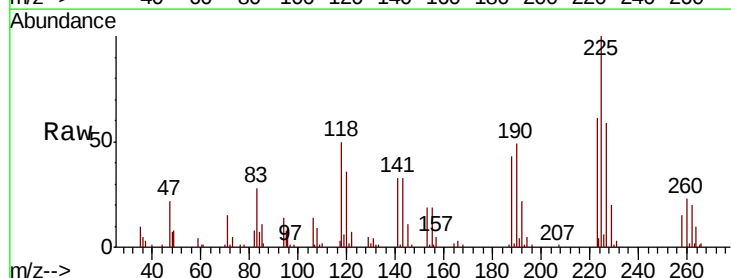


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

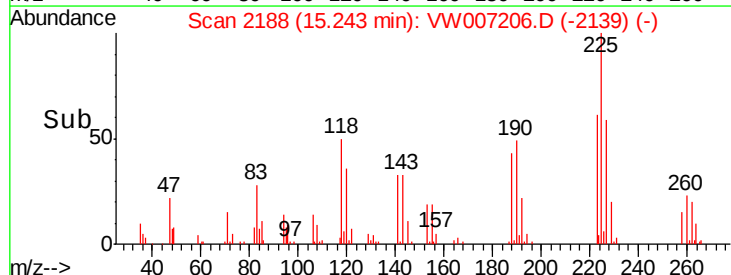
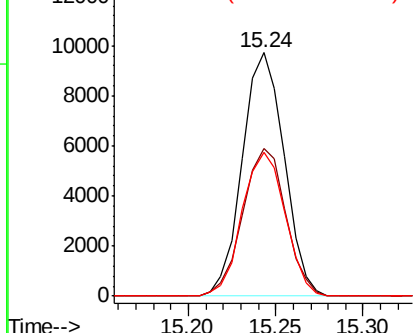


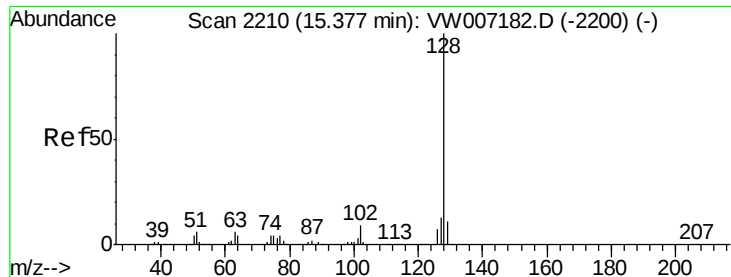
#94
 Hexachlorobutadiene
 Concen: 17.915 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007206.D
 Acq: 05 Dec 2018 01:26

Tgt Ion:225 Resp: 16217
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.3 96.8
 227 60.5 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.456 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

Instrument :

MSVOA_W

ClientSampleId :

VW1204SBSD02

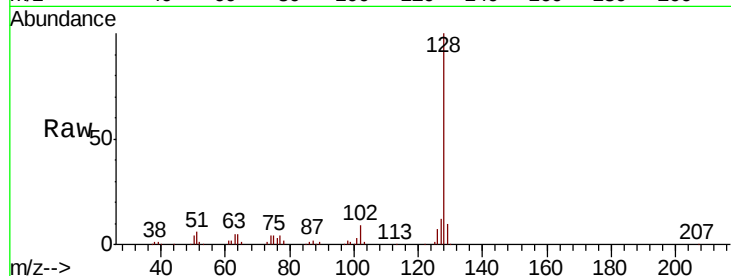
Tot Ion:128 Resp: 61542

Ion Ratio Lower Upper

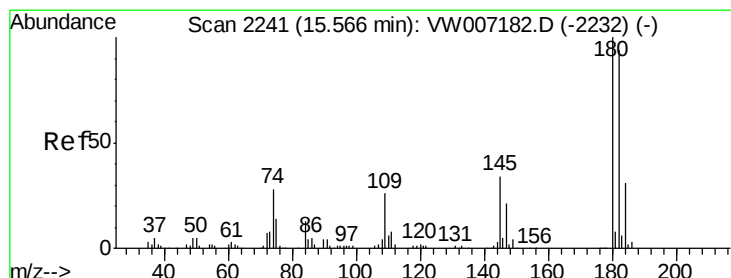
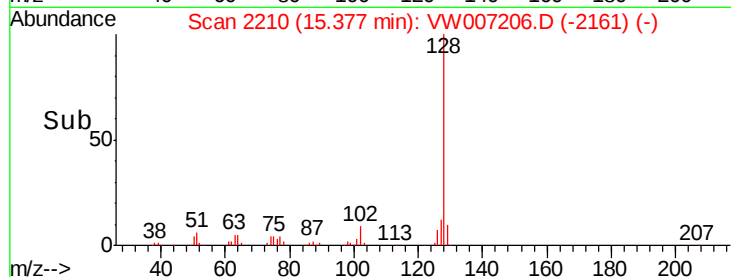
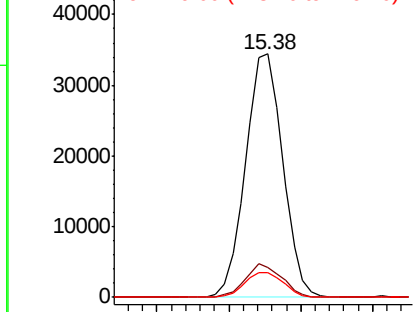
128 100

127 13.4 10.3 15.5

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.399 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007206.D

Acq: 05 Dec 2018 01:26

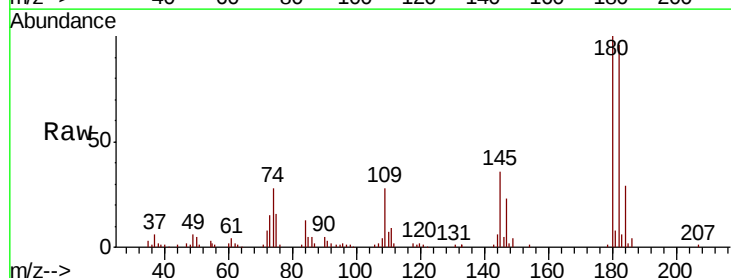
Tgt Ion:180 Resp: 26044

Ion Ratio Lower Upper

180 100

182 96.6 47.4 142.2

145 36.7 17.6 52.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

