

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007748.D
 Acq On : 20 Dec 2018 15:49
 Operator : SY/AP
 Sample : VW1222SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Quant Time: Dec 21 03:51:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38883	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	7.88	113	35716	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.32	98	138421	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	51994	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12993	19.658	ug/l	95
3) Chloromethane	2.21	50	8372	20.628	ug/l	95
4) Vinyl Chloride	2.36	62	10541	20.403	ug/l	90
5) Bromomethane	2.78	94	7277	20.222	ug/l	96
6) Chloroethane	2.92	64	5454	19.732	ug/l	93
7) Trichlorofluoromethane	3.25	101	10017	18.623	ug/l #	82
8) Diethyl Ether	3.67	74	6534	19.833	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	16203	20.454	ug/l	97
10) Methyl Iodide	4.26	142	25078	19.907	ug/l	99
11) Tert butyl alcohol	5.16	59	4528	82.370	ug/l	100
12) 1,1-Dichloroethene	4.03	96	14900	20.312	ug/l	96
13) Acrolein	3.89	56	3879	88.254	ug/l	99
14) Allyl chloride	4.66	41	19094	19.849	ug/l	98
15) Acrylonitrile	5.37	53	12366	87.992	ug/l	98
16) Acetone	4.12	43	13671	89.589	ug/l	92
17) Carbon Disulfide	4.37	76	45075	19.857	ug/l	97
18) Methyl Acetate	4.67	43	6200	17.084	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	19462	18.481	ug/l	93
20) Methylene Chloride	4.92	84	17523	19.060	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	16150	20.018	ug/l	96
22) Diisopropyl ether	6.31	45	34591	19.204	ug/l	97
23) Vinyl Acetate	6.25	43	97245	90.871	ug/l	99
24) 1,1-Dichloroethane	6.20	63	26994	20.372	ug/l	96
25) 2-Butanone	7.17	43	15134	84.672	ug/l	94
26) 2,2-Dichloropropane	7.17	77	20241	20.875	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	17078	19.869	ug/l	98
28) Bromochloromethane	7.51	49	8308	18.389	ug/l	99
29) Tetrahydrofuran	7.52	42	9077	85.139	ug/l	99
30) Chloroform	7.67	83	30075	20.056	ug/l	99
31) Cyclohexane	7.95	56	24358	20.080	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	27489	20.128	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23699	21.112	ug/l	99
37) Ethyl Acetate	7.25	43	7032	18.152	ug/l	98
38) Carbon Tetrachloride	8.06	117	26115	19.754	ug/l	99

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Quant Time: Dec 21 03:51:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29160	20.905	ug/l	97
40) Benzene	8.32	78	61352	20.481	ug/l	98
41) Methacrylonitrile	7.48	41	4228	19.223	ug/l	95
42) 1,2-Dichloroethane	8.40	62	19519	19.444	ug/l	98
43) Isopropyl Acetate	8.42	43	13125	16.910	ug/l	97
44) Trichloroethene	9.09	130	18617	20.551	ug/l	92
45) 1,2-Dichloropropane	9.37	63	13809	20.776	ug/l	100
46) Dibromomethane	9.46	93	7801	19.066	ug/l	97
47) Bromodichloromethane	9.65	83	20951	19.478	ug/l	100
48) Methyl methacrylate	9.43	41	6541	16.884	ug/l	98
49) 1,4-Dioxane	9.45	88	2504	386.007	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	30882	84.192	ug/l	100
52) Toluene	10.39	92	40717	20.260	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	20530	19.189	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	22605	19.128	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	10867	19.266	ug/l	98
56) Ethyl methacrylate	10.65	69	11554	17.337	ug/l	98
57) 1,3-Dichloropropane	10.93	76	17550	18.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	29156	95.821	ug/l	98
59) 2-Hexanone	10.97	43	22082	85.601	ug/l	97
60) Dibromochloromethane	11.13	129	13823	18.509	ug/l	96
61) 1,2-Dibromoethane	11.24	107	10344	18.109	ug/l	100
64) Tetrachloroethene	10.87	164	15529	21.663	ug/l	95
65) Chlorobenzene	11.66	112	45499	20.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	16327	20.854	ug/l	98
67) Ethyl Benzene	11.73	91	81408	21.651	ug/l	99
68) m/p-Xylenes	11.84	106	63788	43.734	ug/l	99
69) o-Xylene	12.17	106	29471	21.556	ug/l	98
70) Styrene	12.18	104	48048	21.379	ug/l	99
71) Bromoform	12.35	173	7630	18.773	ug/l #	99
73) Isopropylbenzene	12.47	105	83397	20.942	ug/l	100
74) N-amyl acetate	12.27	43	12261	17.775	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11172	18.711	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15809	38.824	ug/l #	100
77) Bromobenzene	12.75	156	18629	20.412	ug/l	97
78) n-propylbenzene	12.80	91	99577	21.481	ug/l	99
79) 2-Chlorotoluene	12.90	91	57013	21.112	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	73243	21.322	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	3397	17.511	ug/l	95
82) 4-Chlorotoluene	12.99	91	60998	21.214	ug/l	98
83) tert-Butylbenzene	13.21	119	65439	21.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	74628	21.531	ug/l	100
85) sec-Butylbenzene	13.39	105	90246	21.726	ug/l	100
86) p-Isopropyltoluene	13.50	119	81137	21.481	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	38361	21.170	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	38218	21.085	ug/l	99
89) n-Butylbenzene	13.83	91	75661	21.847	ug/l	98
90) Hexachloroethane	14.10	117	14094	21.254	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	33120	20.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2090	17.045	ug/l	95

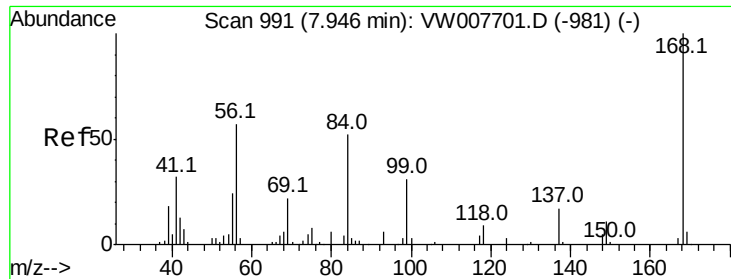
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007748.D
Acq On : 20 Dec 2018 15:49
Operator : SY/AP
Sample : VW1222SBS01
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22840	20.281	ug/l	99
94) Hexachlorobutadiene	15.24	225	12936	21.494	ug/l	100
95) Naphthalene	15.37	128	39693	19.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	19494	20.222	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

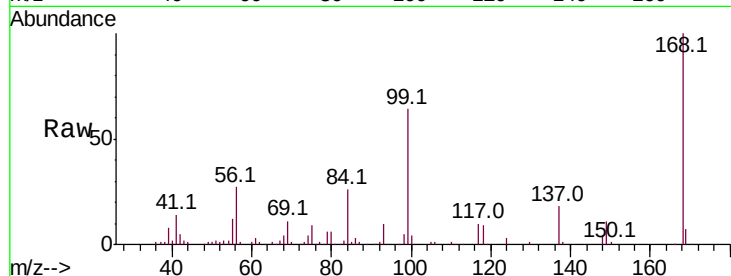
VW1222SBS01

Tot Ion:168 Resp: 74349

Ion Ratio Lower Upper

168 100

99 63.7 54.0 81.0

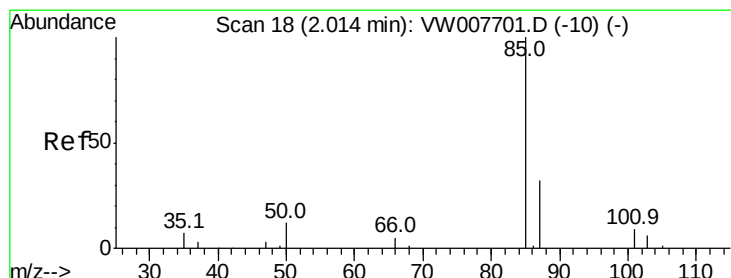
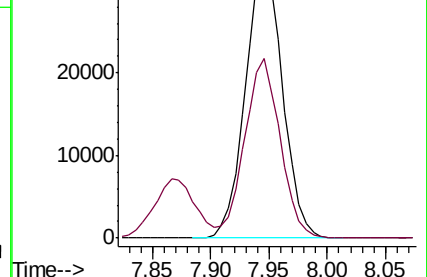
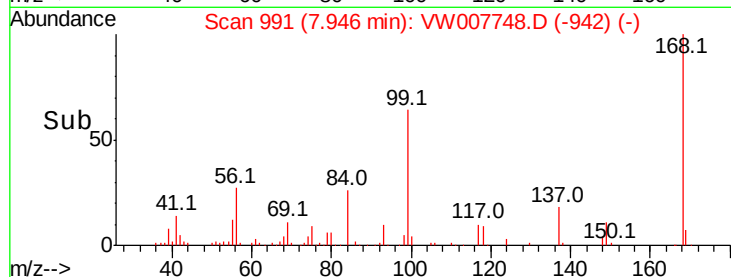


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



#2

Dichlorodifluoromethane

Concen: 19.658 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007748.D

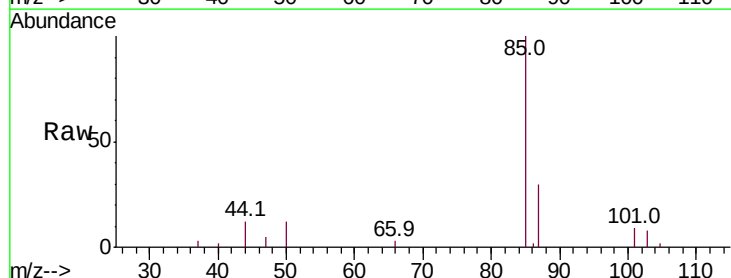
Acq: 20 Dec 2018 15:49

Tgt Ion: 85 Resp: 12993

Ion Ratio Lower Upper

85 100

87 29.9 16.3 48.8

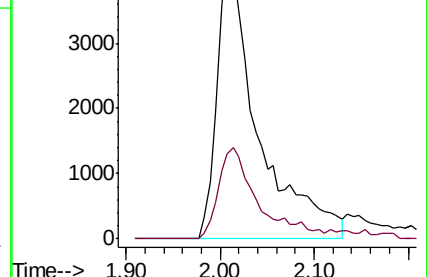
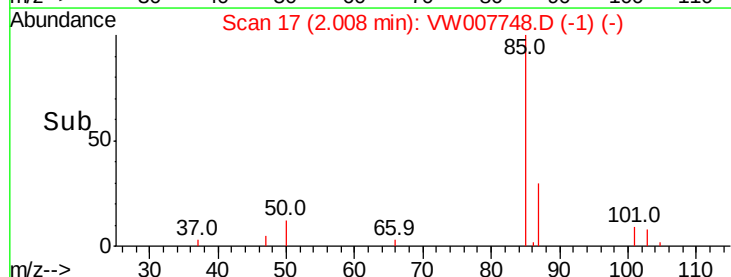


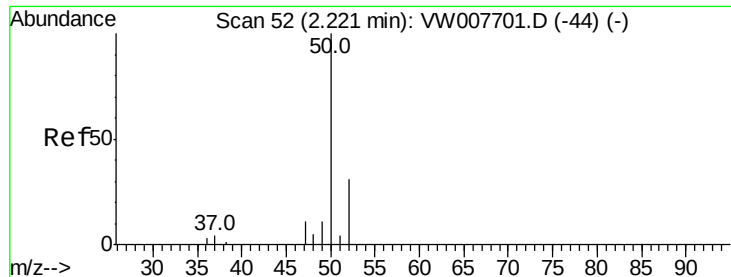
Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

Time-->





#3

Chloromethane

Concen: 20.628 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampled :

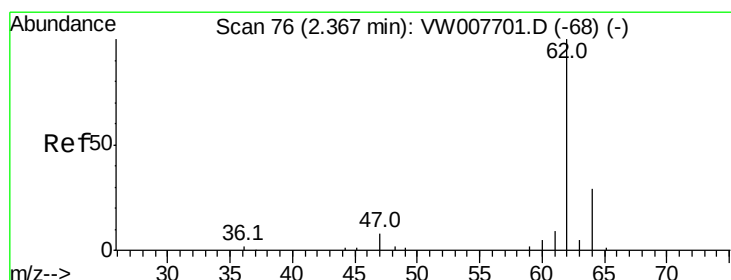
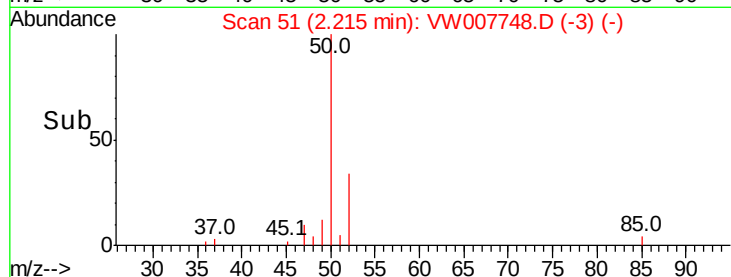
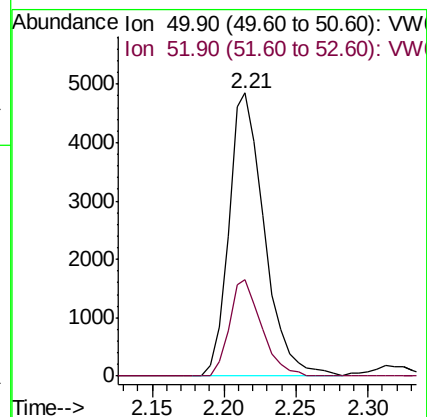
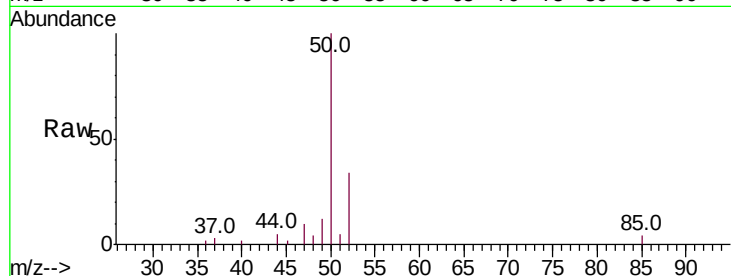
VW1222SBS01

Tot Ion: 50 Resp: 8372

Ion Ratio Lower Upper

50 100

52 34.3 25.1 37.7



#4

Vinyl Chloride

Concen: 20.403 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007748.D

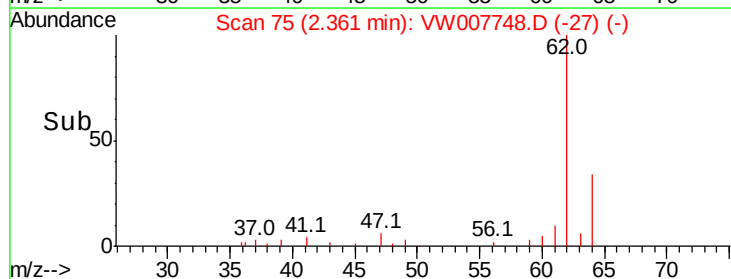
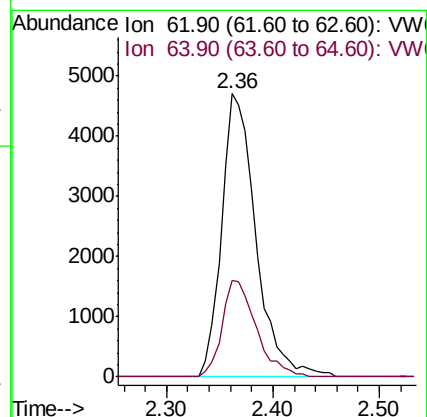
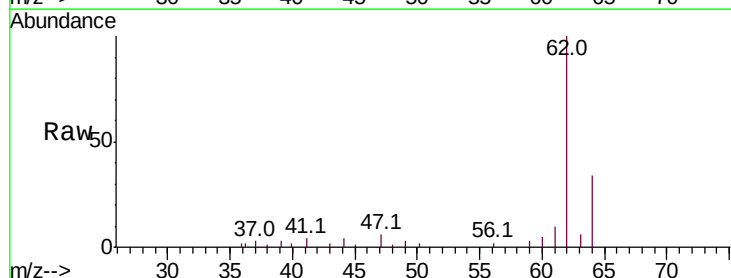
Acq: 20 Dec 2018 15:49

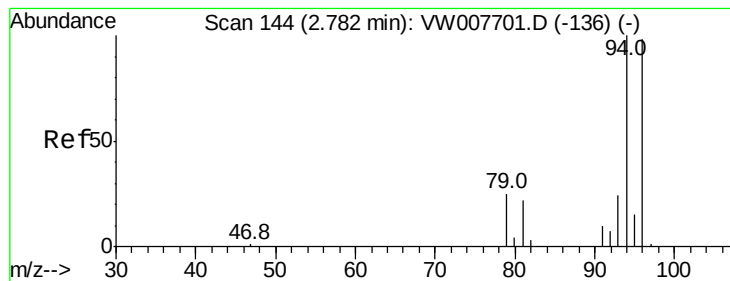
Tgt Ion: 62 Resp: 10541

Ion Ratio Lower Upper

62 100

64 34.3 23.4 35.0





#5

Bromomethane

Concen: 20.222 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

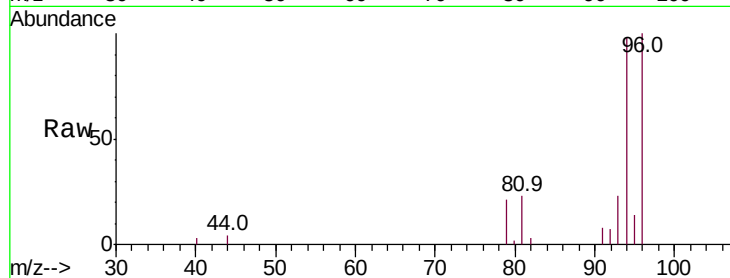
VW1222SBS01

Tot Ion: 94 Resp: 7277

Ion Ratio Lower Upper

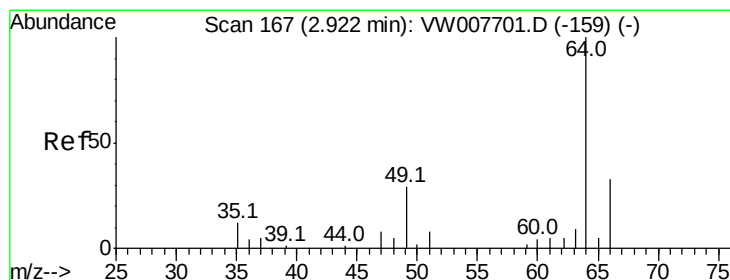
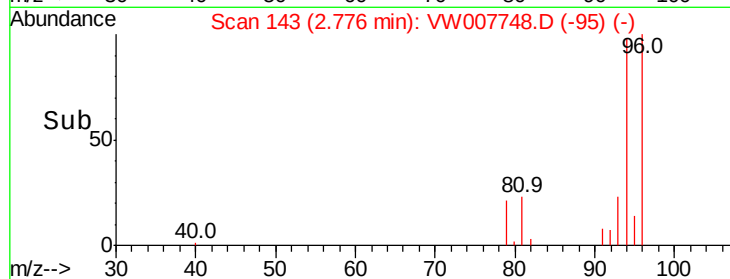
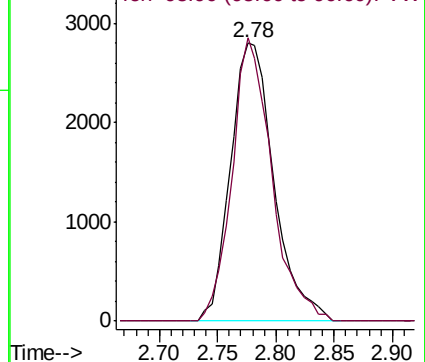
94 100

96 101.7 78.2 117.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.732 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007748.D

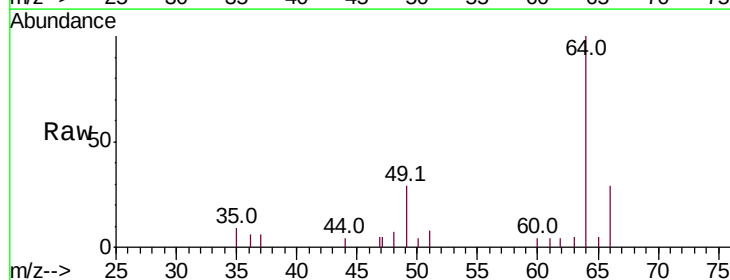
Acq: 20 Dec 2018 15:49

Tgt Ion: 64 Resp: 5454

Ion Ratio Lower Upper

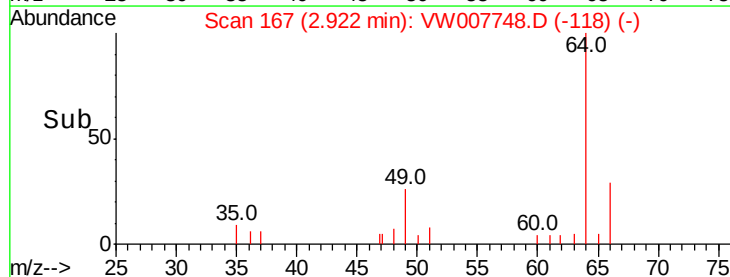
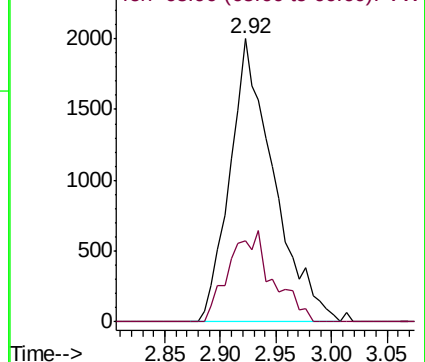
64 100

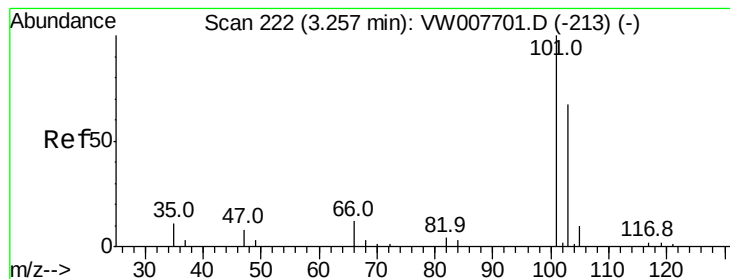
66 28.8 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



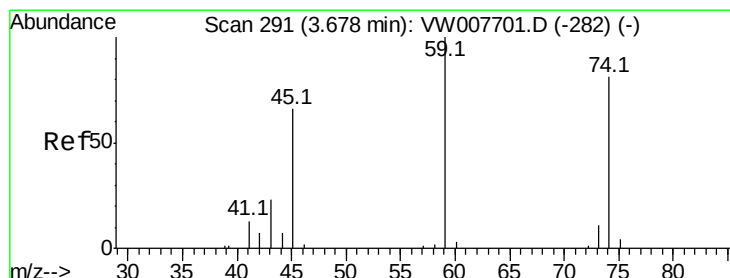
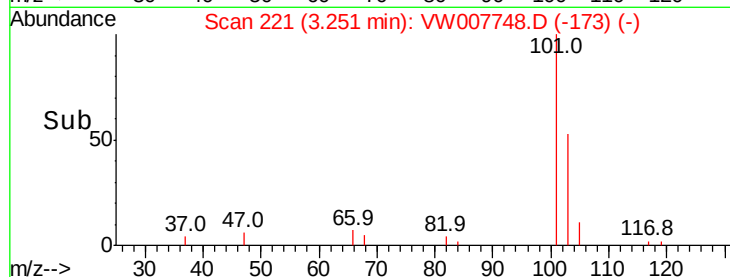
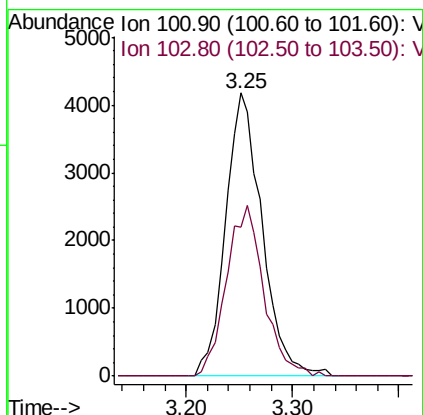
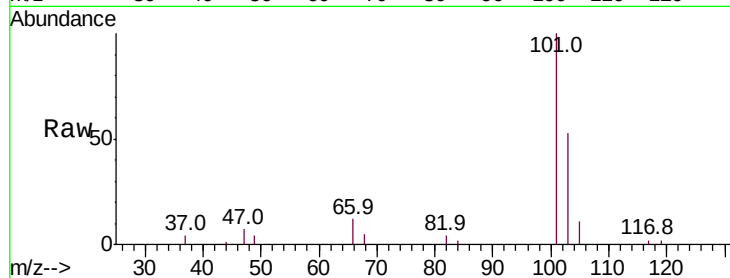


#7

Trichlorofluoromethane
 Concen: 18.623 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

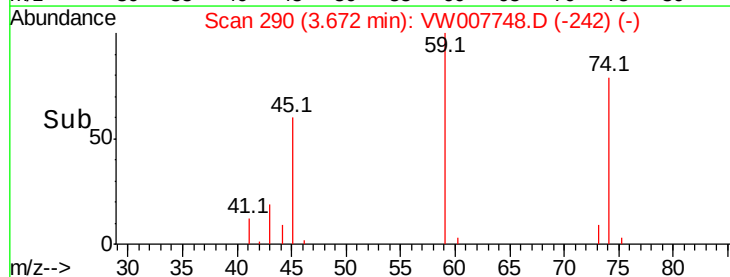
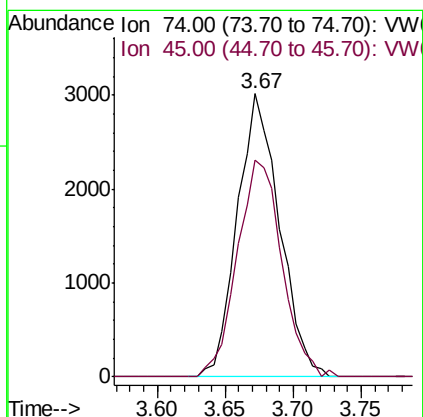
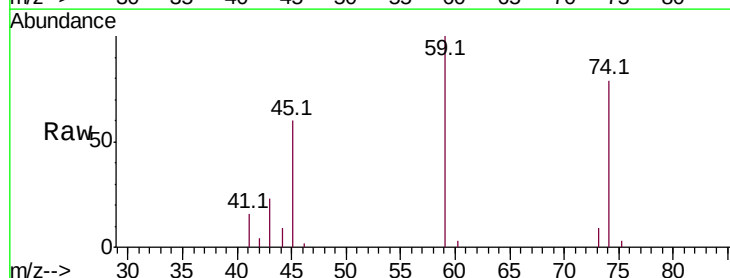
Tot Ion:101 Resp: 10017
 Ion Ratio Lower Upper
 101 100
 103 52.7 53.4 80.2#

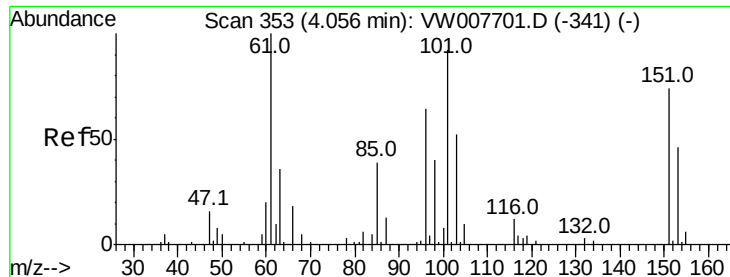


#8

Diethyl Ether
 Concen: 19.833 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Tgt Ion: 74 Resp: 6534
 Ion Ratio Lower Upper
 74 100
 45 81.0 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.454 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

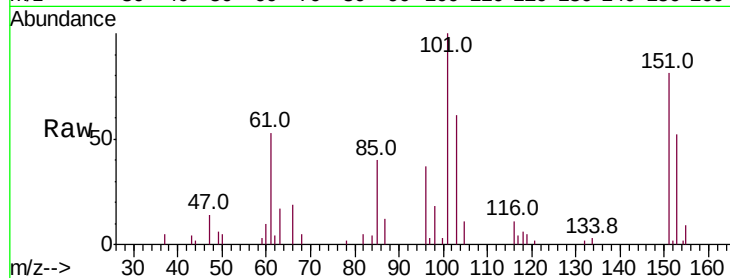
Tot Ion:101 Resp: 16203

Ion Ratio Lower Upper

101 100

85 41.4 34.3 51.5

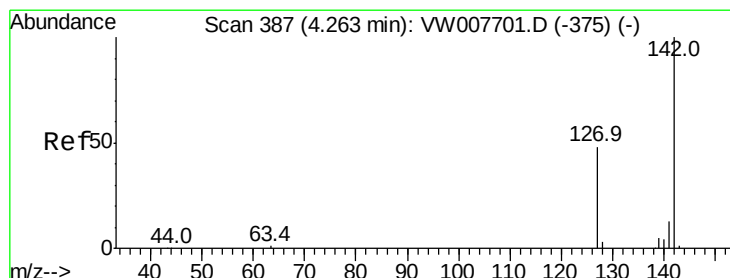
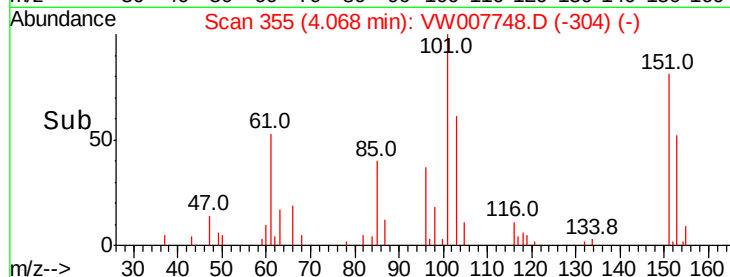
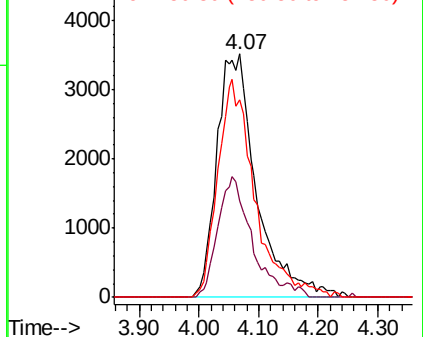
151 83.6 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.907 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

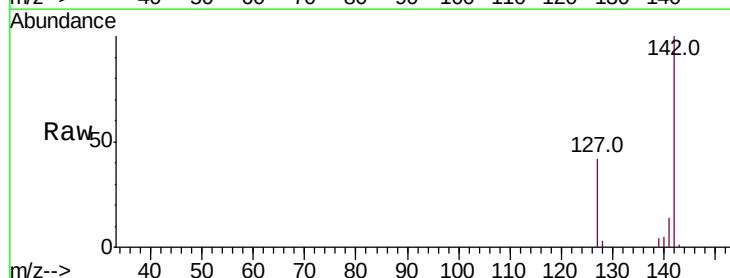
Tgt Ion:142 Resp: 25078

Ion Ratio Lower Upper

142 100

127 46.7 37.7 56.5

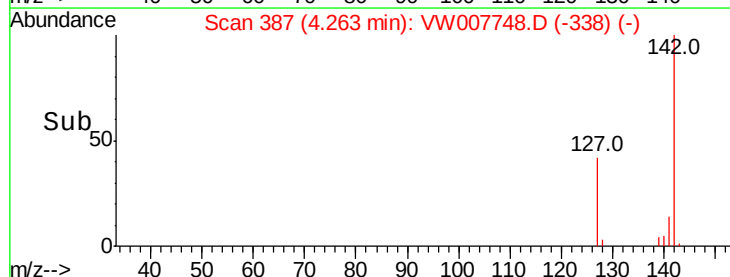
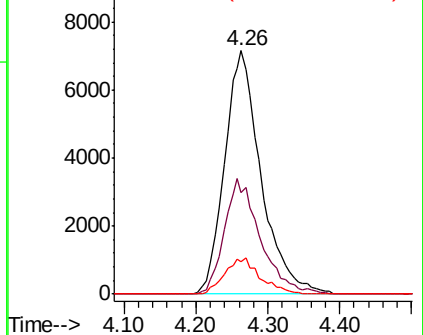
141 14.5 11.5 17.3

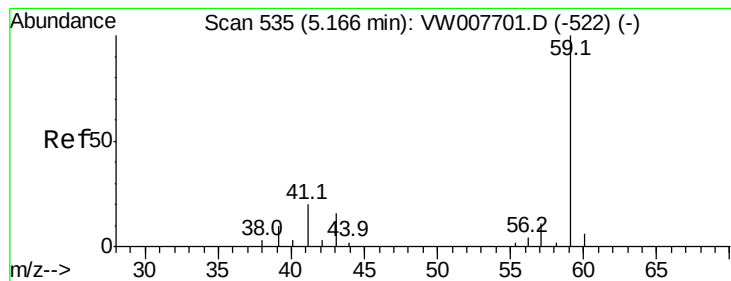


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



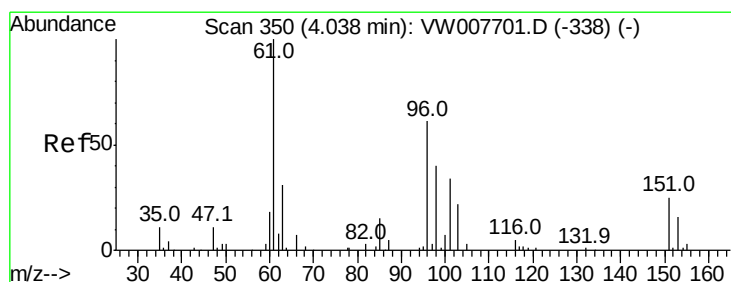
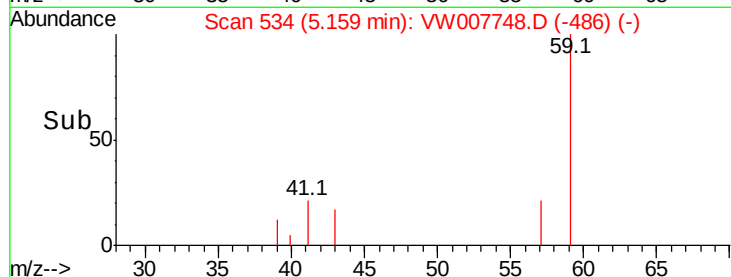
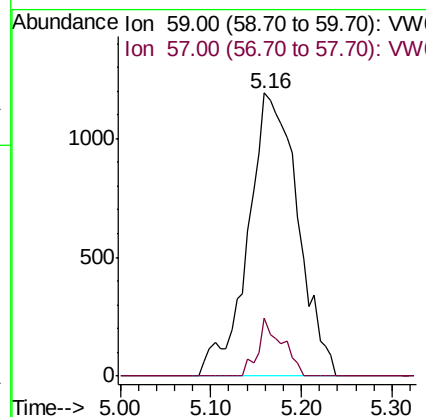
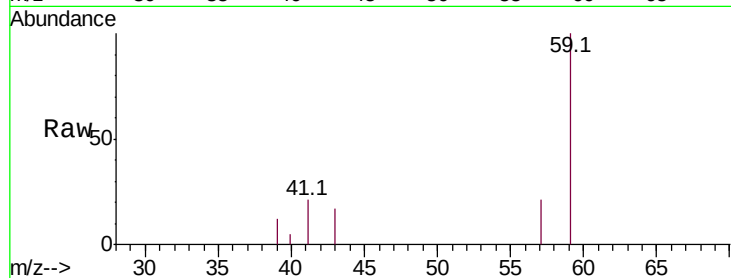


#11

Tert butyl alcohol
 Concen: 82.370 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW1222SBS01

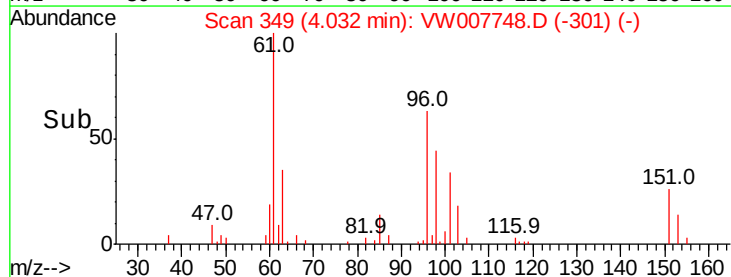
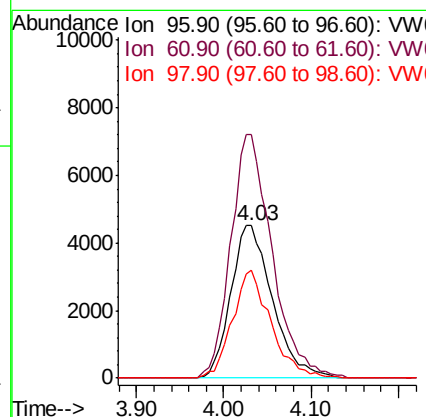
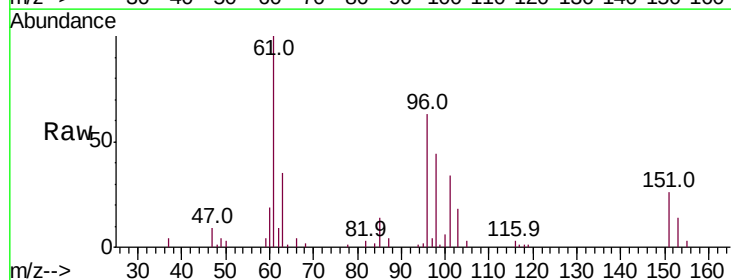
Tot Ion: 59 Resp: 4528
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

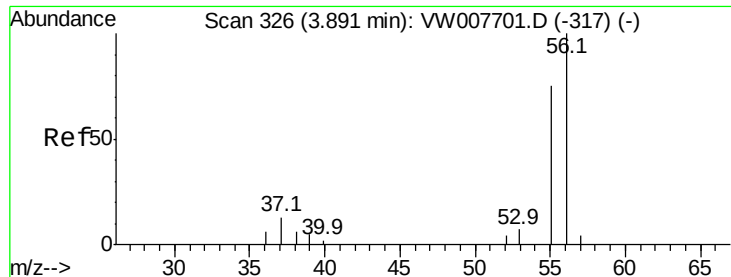


#12

1,1-Dichloroethene
 Concen: 20.312 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Tgt Ion: 96 Resp: 14900
 Ion Ratio Lower Upper
 96 100
 61 159.8 130.6 195.8
 98 70.8 52.3 78.5





#13

Acrolein

Concen: 88.254 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

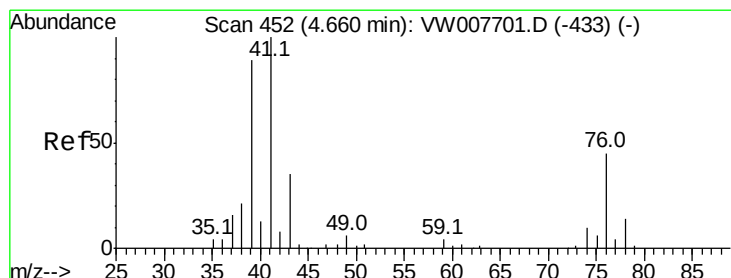
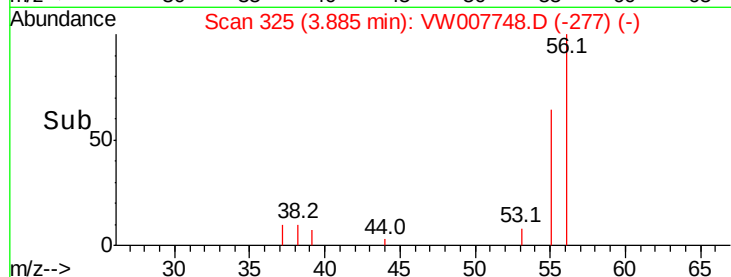
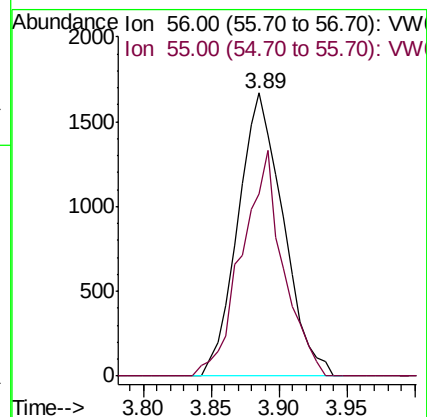
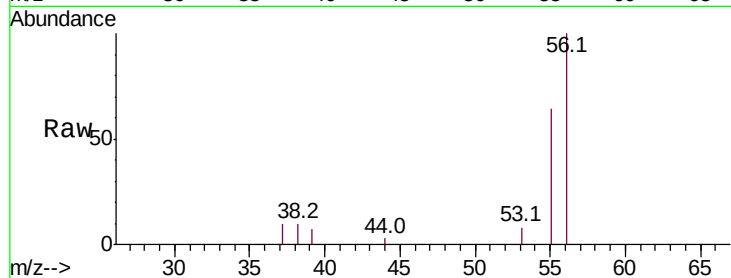
VW1222SBS01

Tot Ion: 56 Resp: 3879

Ion Ratio Lower Upper

56 100

55 73.0 57.7 86.5



#14

Allyl chloride

Concen: 19.849 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

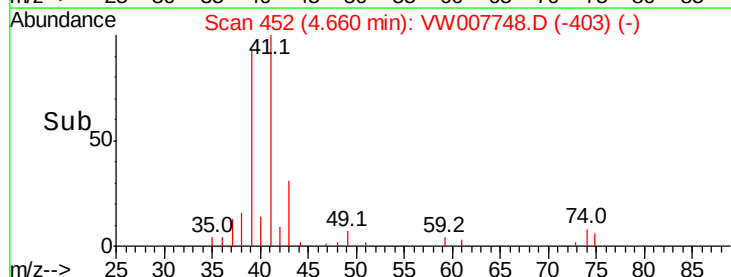
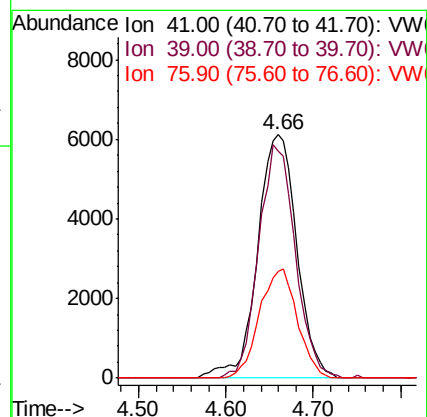
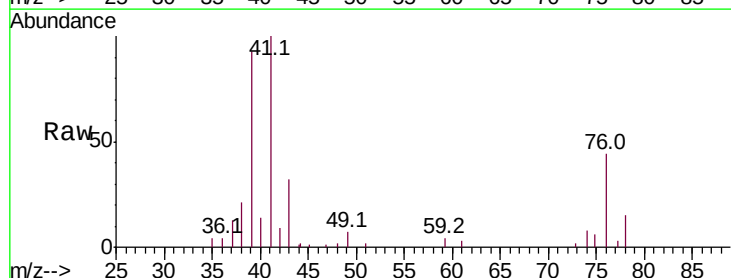
Tgt Ion: 41 Resp: 19094

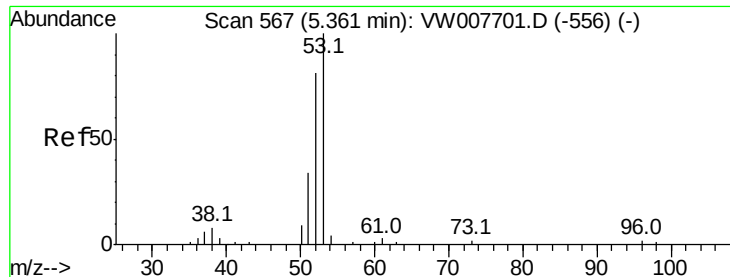
Ion Ratio Lower Upper

41 100

39 89.6 69.5 104.3

76 43.3 34.8 52.2





#15

Acrylonitrile

Concen: 87.992 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

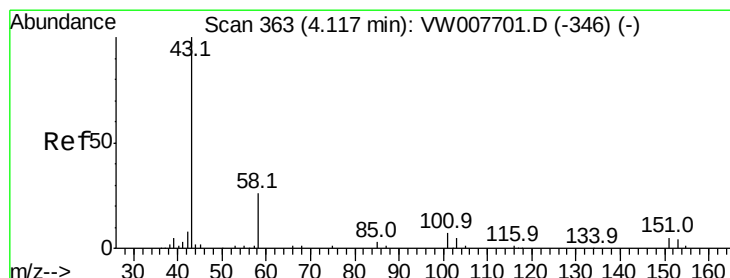
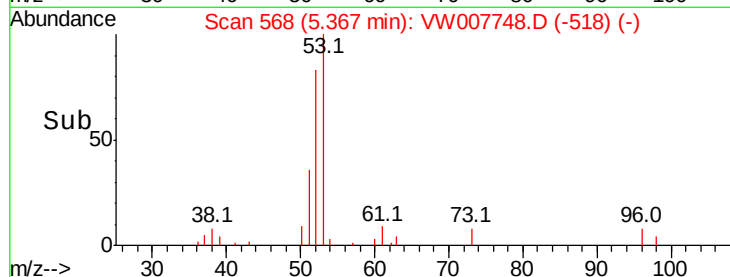
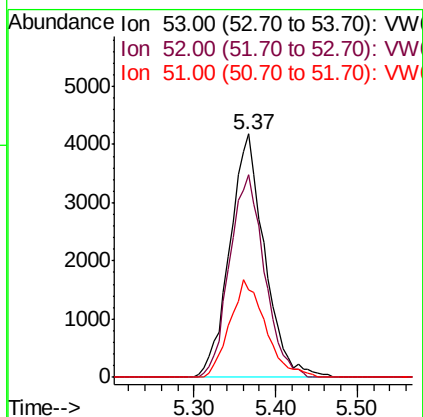
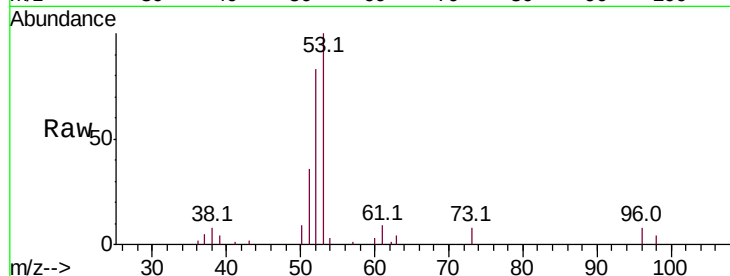
Tot Ion: 53 Resp: 12366

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.4

51 41.0 30.2 45.2



#16

Acetone

Concen: 89.589 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007748.D

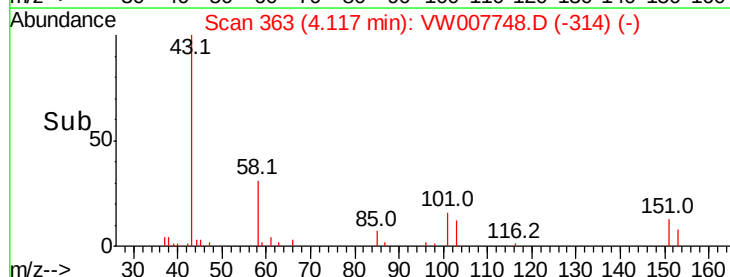
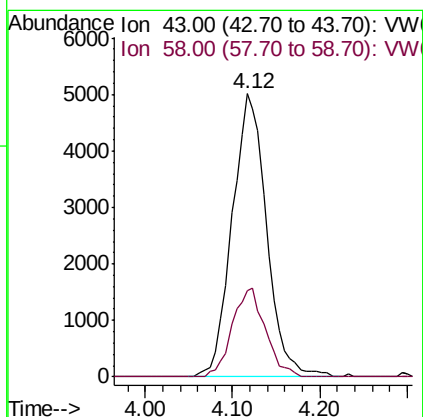
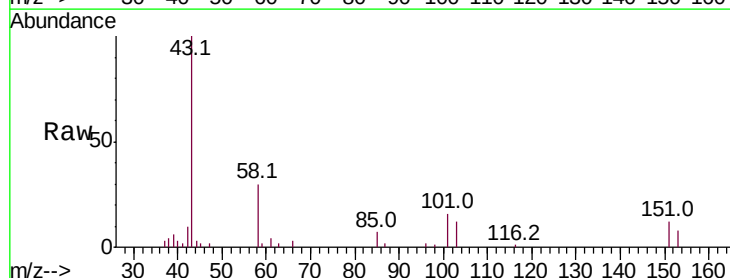
Acq: 20 Dec 2018 15:49

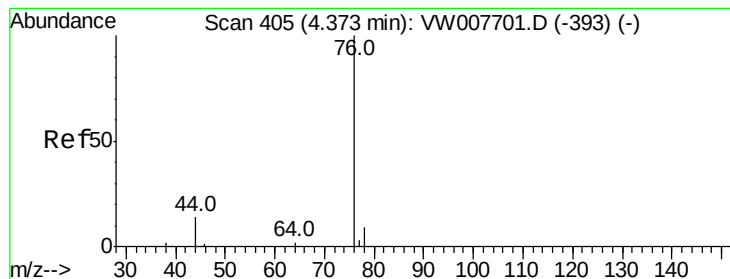
Tgt Ion: 43 Resp: 13671

Ion Ratio Lower Upper

43 100

58 30.4 21.2 31.8





#17

Carbon Disulfide

Concen: 19.857 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

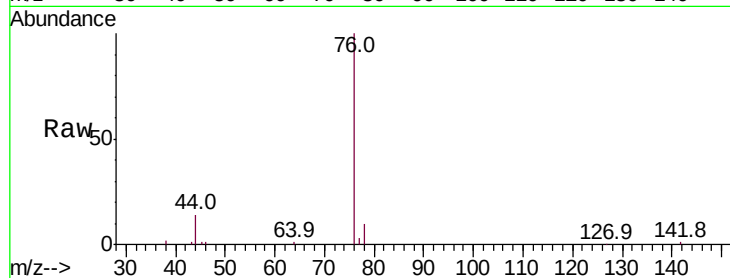
VW1222SBS01

Tot Ion: 76 Resp: 45075

Ion Ratio Lower Upper

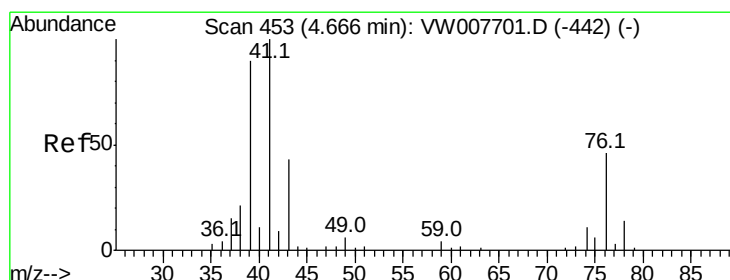
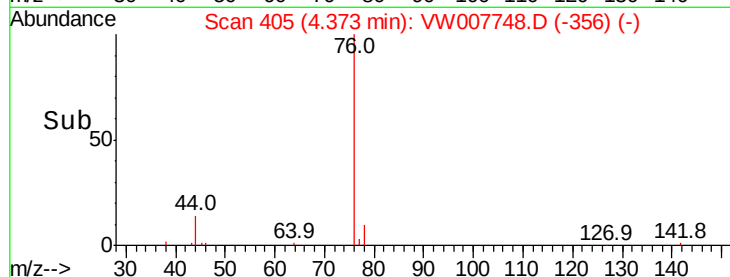
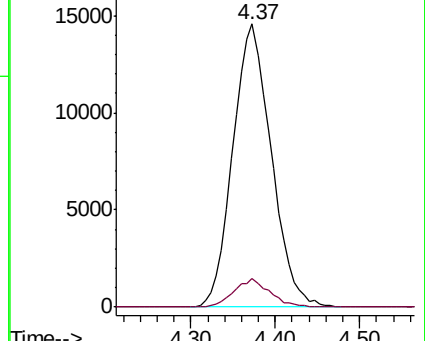
76 100

78 10.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.084 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007748.D

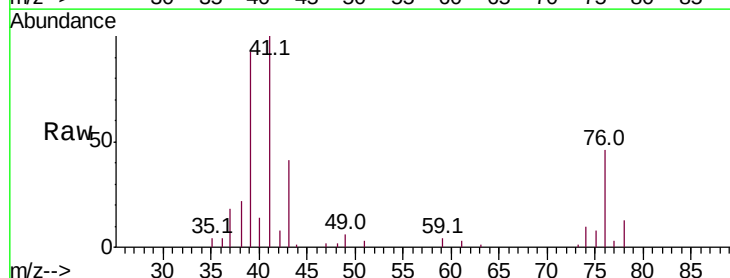
Acq: 20 Dec 2018 15:49

Tgt Ion: 43 Resp: 6200

Ion Ratio Lower Upper

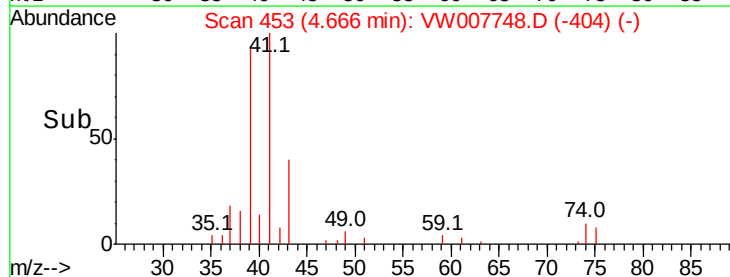
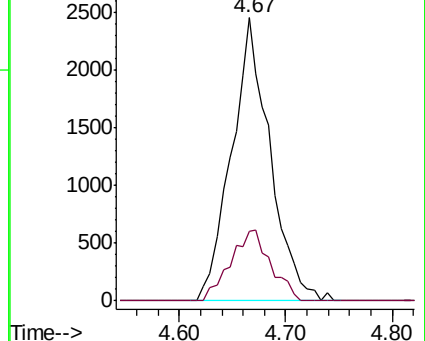
43 100

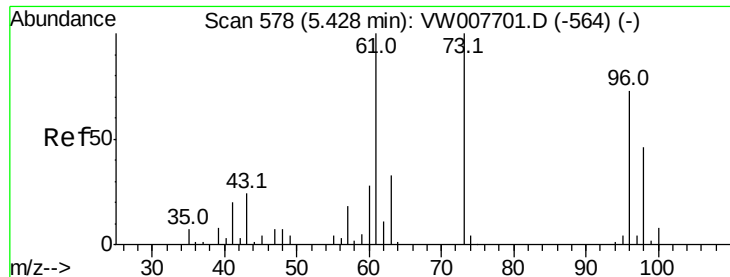
74 26.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

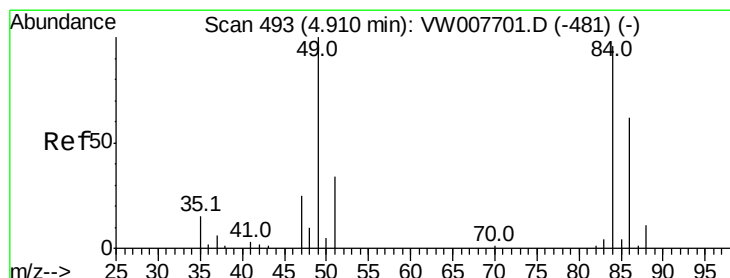
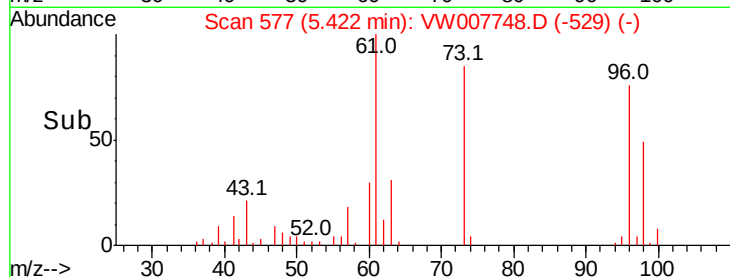
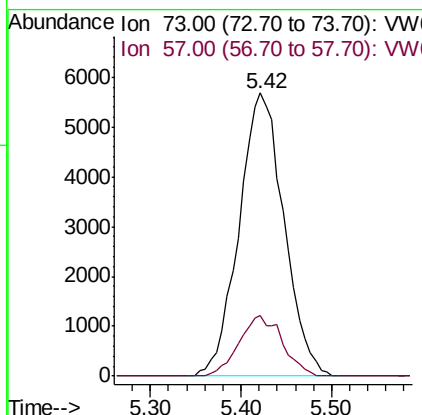
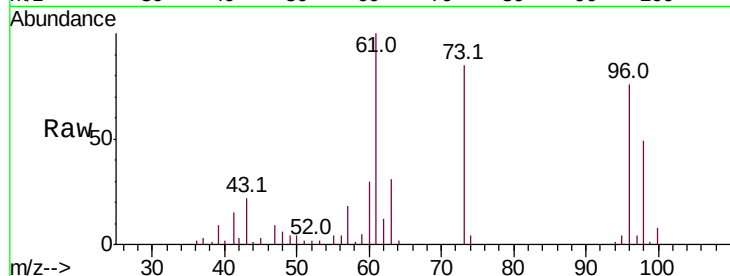




#19
Methyl tert-butyl Ether
Concen: 18.481 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

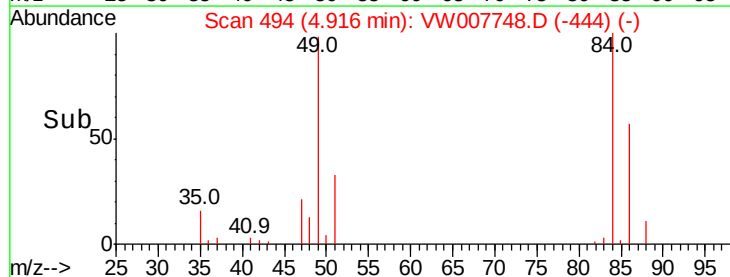
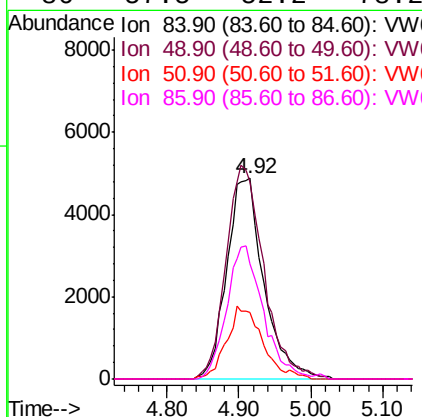
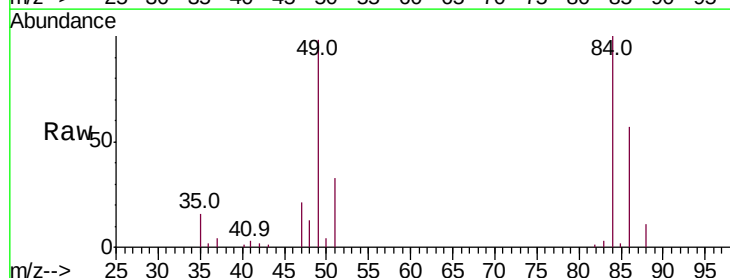
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

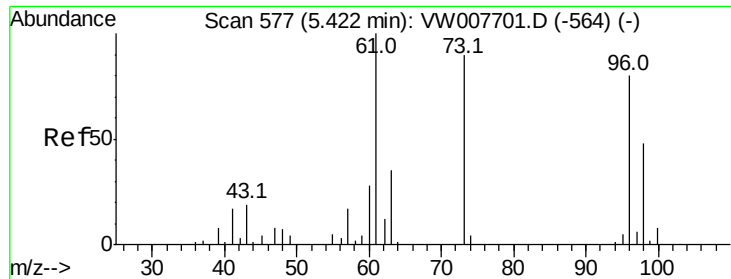
Tot Ion: 73 Resp: 19462
Ion Ratio Lower Upper
73 100
57 21.5 14.7 22.1



#20
Methylene Chloride
Concen: 19.060 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion: 84 Resp: 17523
Ion Ratio Lower Upper
84 100
49 98.1 83.7 125.5
51 33.1 28.2 42.2
86 57.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.018 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

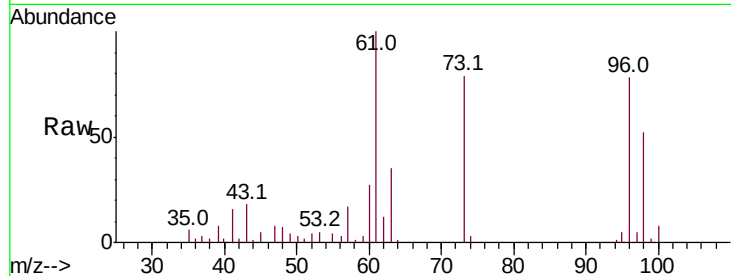
Tot Ion: 96 Resp: 16150

Ion Ratio Lower Upper

96 100

61 128.3 100.1 150.1

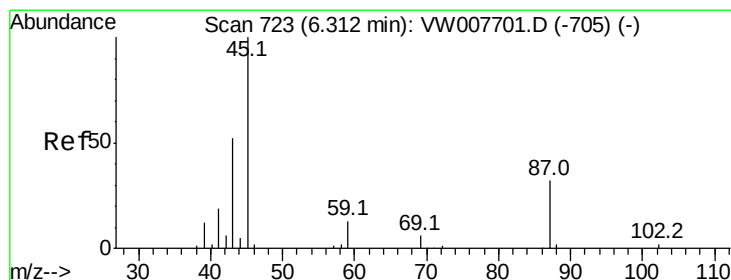
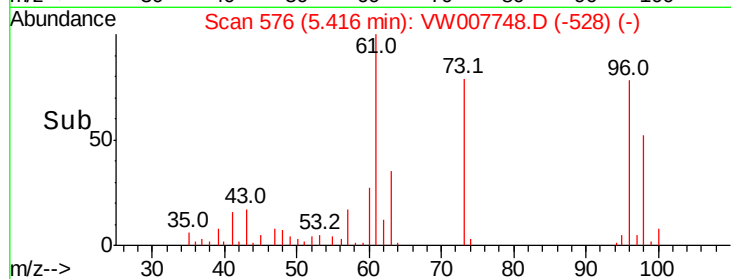
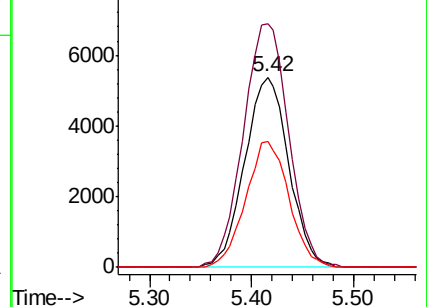
98 66.4 48.5 72.7



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.204 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Tgt Ion: 45 Resp: 34591

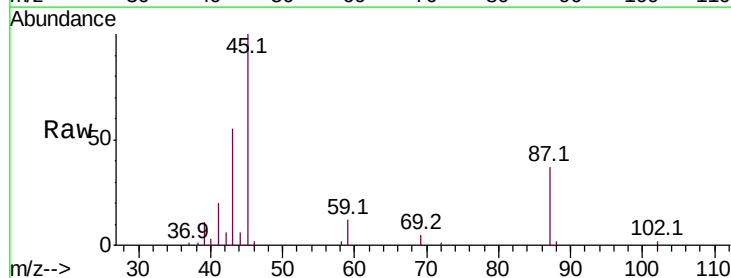
Ion Ratio Lower Upper

45 100

43 53.8 43.7 65.5

87 36.5 26.6 40.0

59 12.2 10.2 15.2

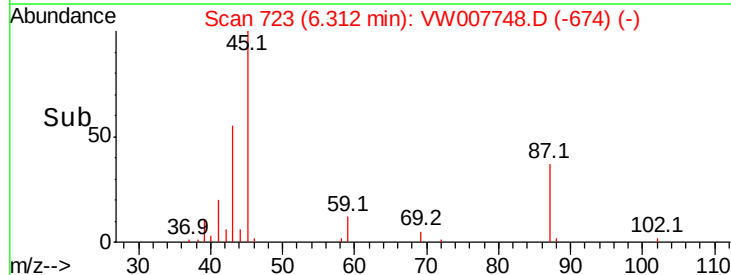
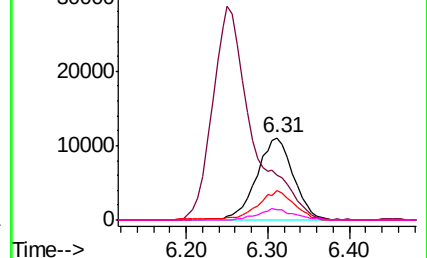


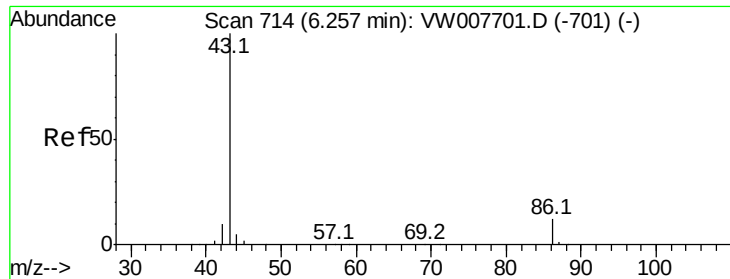
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 90.871 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

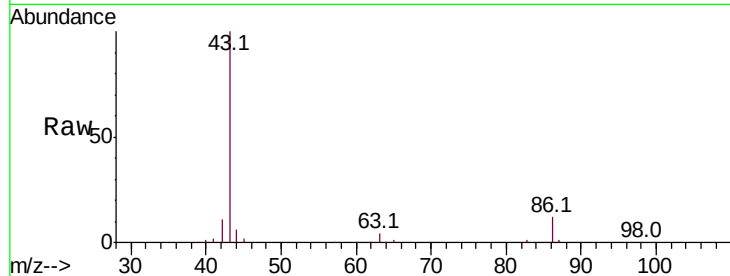
VW1222SBS01

Tot Ion: 43 Resp: 97245

Ion Ratio Lower Upper

43 100

86 11.8 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

30000

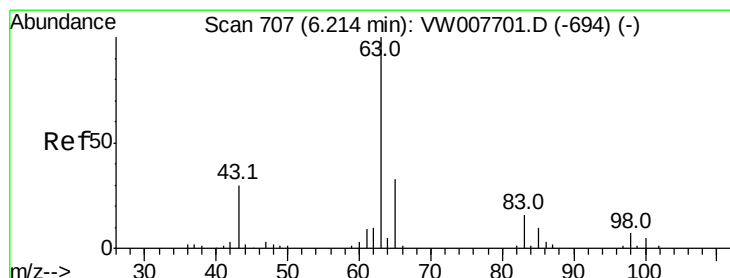
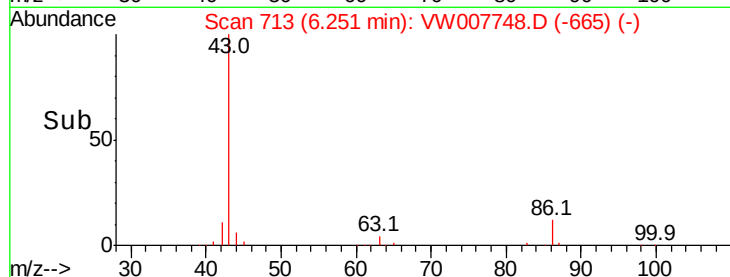
20000

10000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 20.372 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

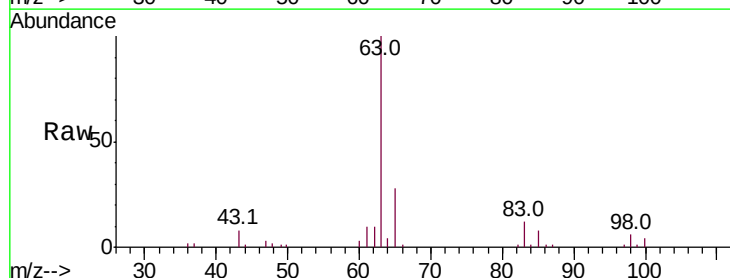
Tgt Ion: 63 Resp: 26994

Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.9

100 3.7 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

12000

10000

8000

6000

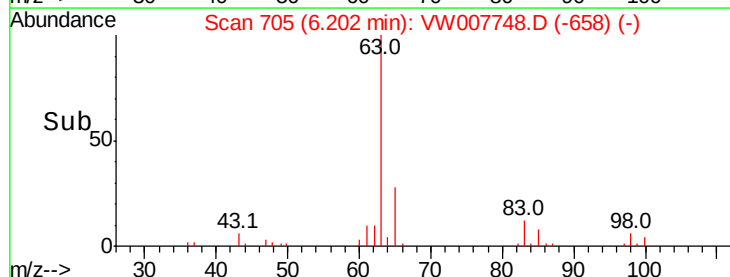
4000

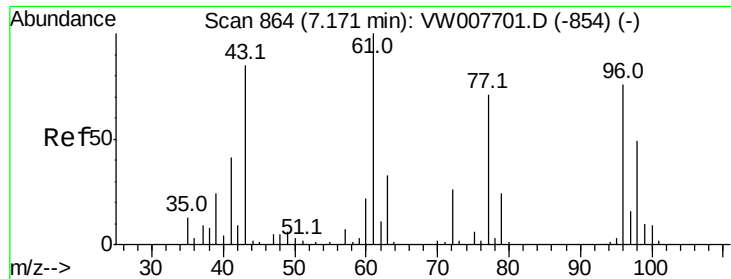
2000

0

6.10 6.20 6.30

Time-->

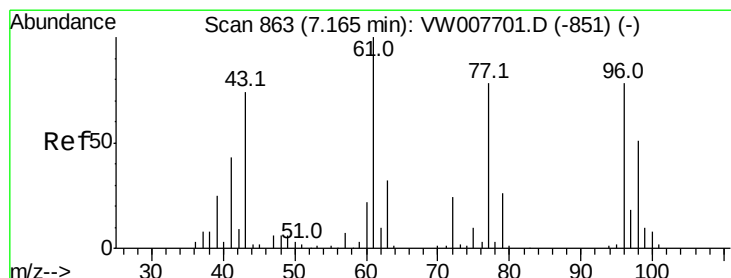
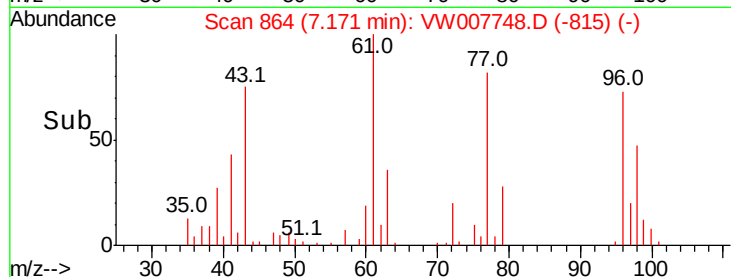
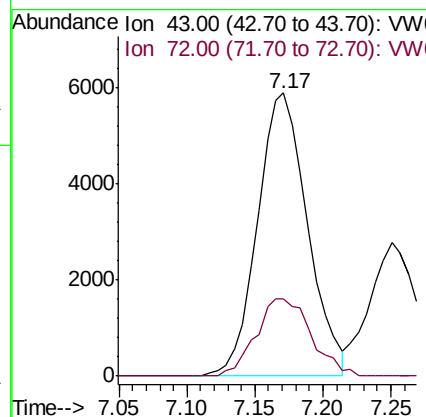
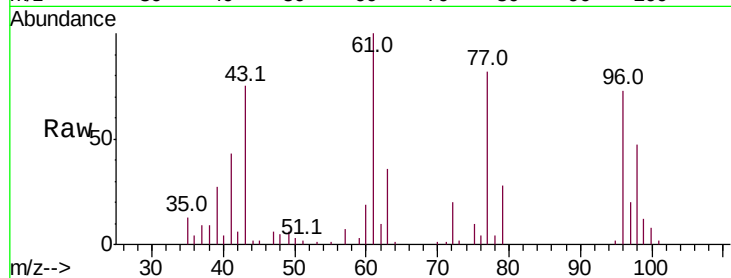




#25
2-Butanone
Concen: 84.672 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

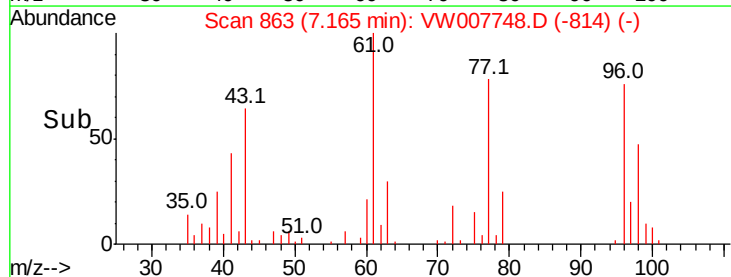
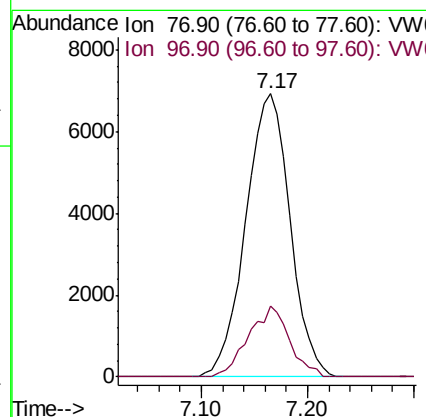
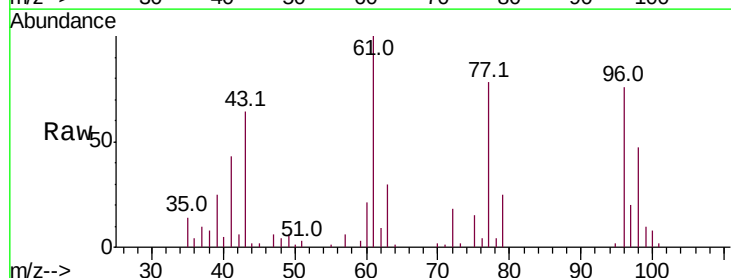
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

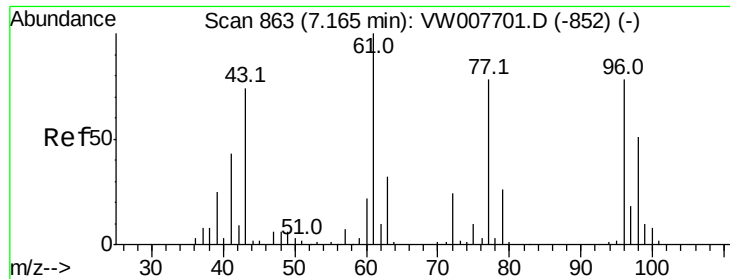
Tot Ion: 43 Resp: 15134
Ion Ratio Lower Upper
43 100
72 27.3 24.5 36.7



#26
2,2-Dichloropropane
Concen: 20.875 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion: 77 Resp: 20241
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9



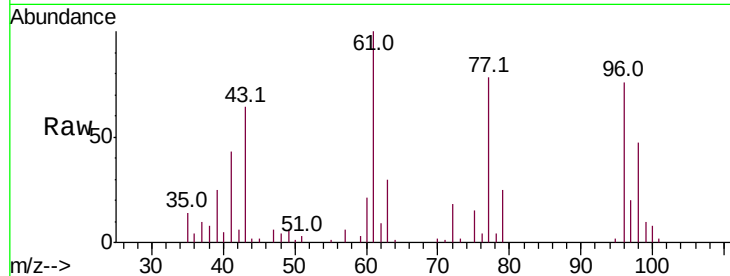


#27

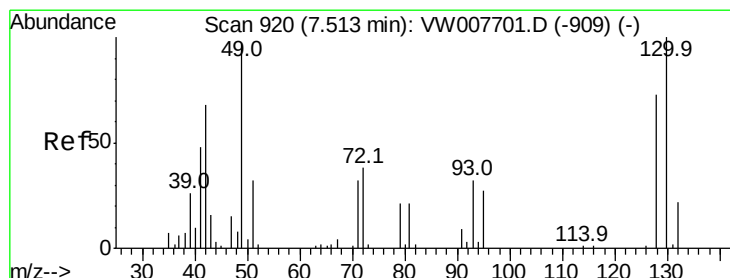
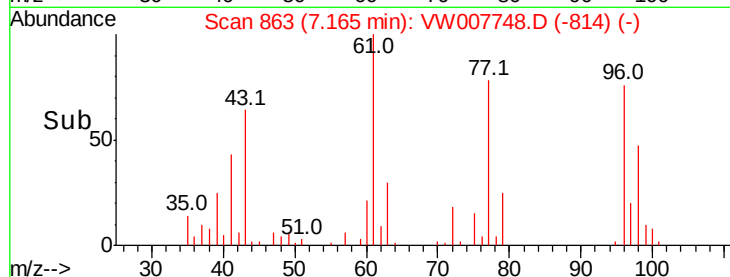
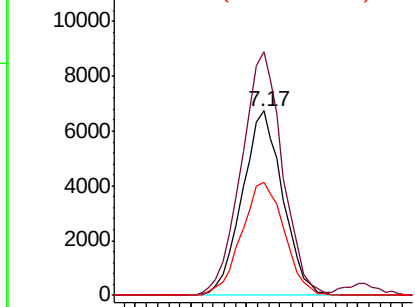
cis-1,2-Dichloroethene
 Concen: 19.869 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tot Ion: 96 Resp: 17078
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 271.6
 98 64.2 0.0 131.2



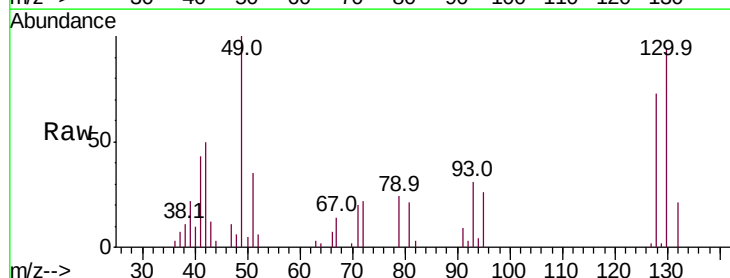
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



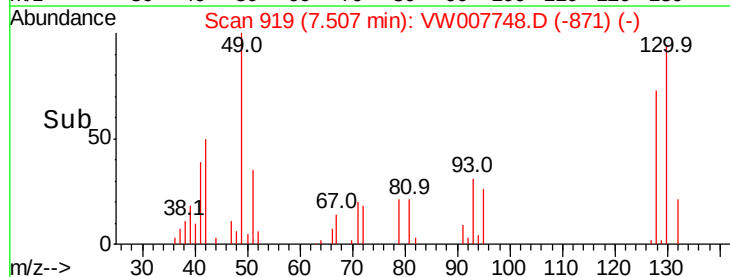
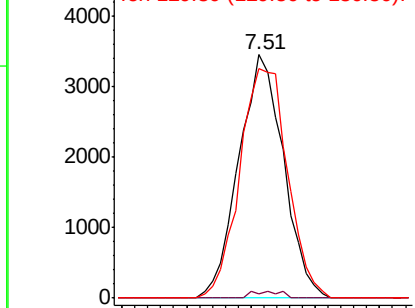
#28

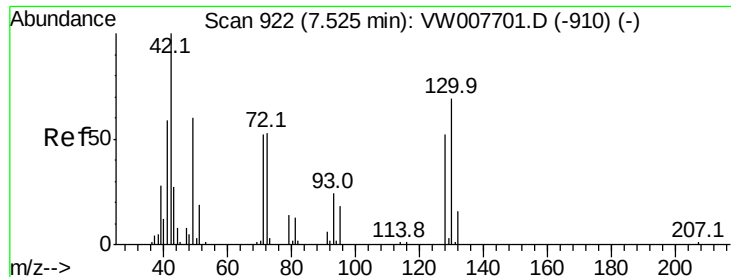
Bromochloromethane
 Concen: 18.389 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Tgt Ion: 49 Resp: 8308
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.2
 130 100.7 81.5 122.3



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

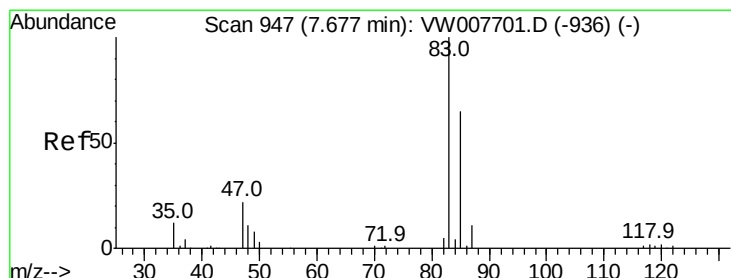
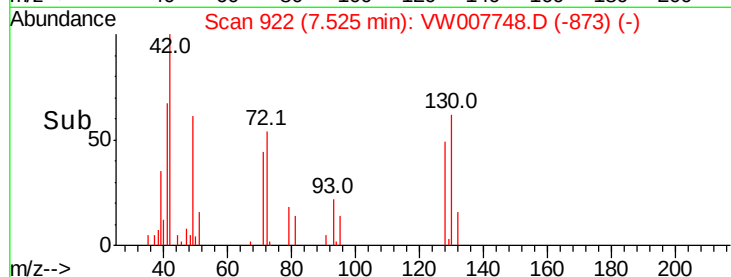
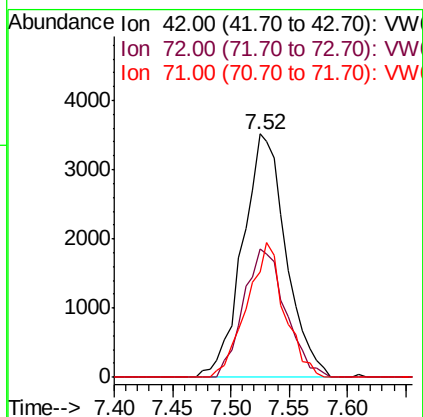
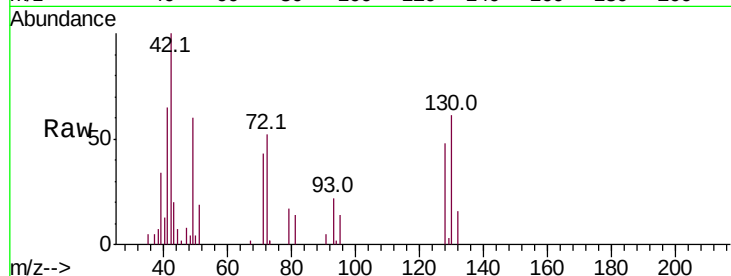




#29
Tetrahydrofuran
Concen: 85.139 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

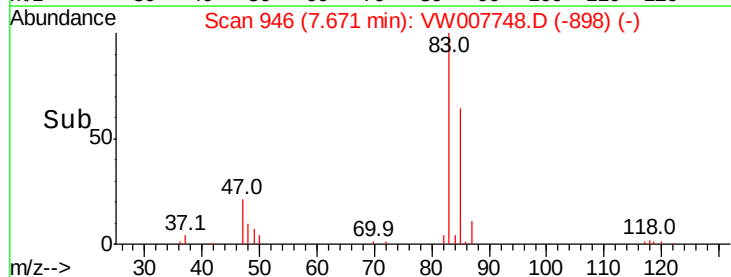
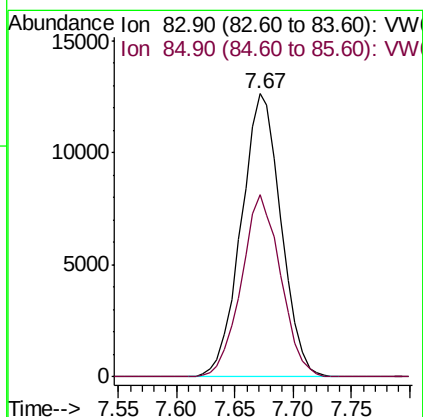
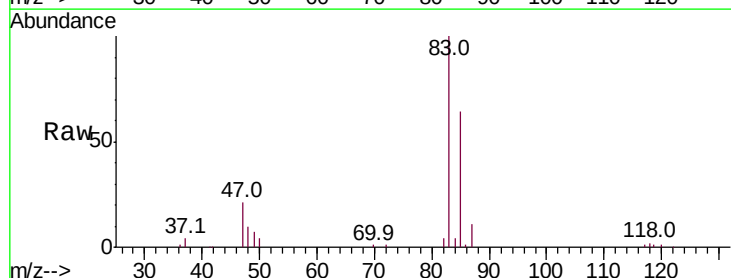
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

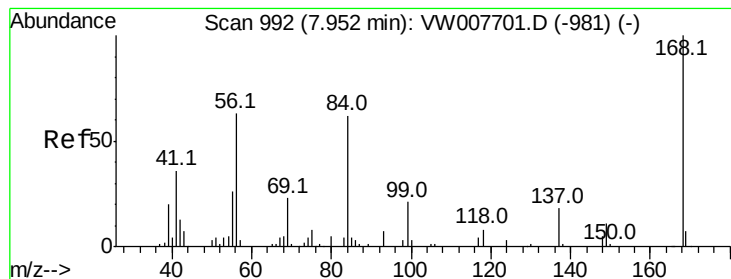
Tot Ion: 42 Resp: 9077
Ion Ratio Lower Upper
42 100
72 51.3 41.7 62.5
71 48.2 39.0 58.6



#30
Chloroform
Concen: 20.056 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion: 83 Resp: 30075
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2





#31

Cyclohexane

Concen: 20.080 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

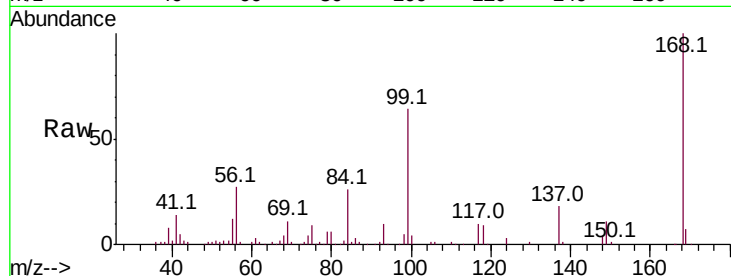
Tot Ion: 56 Resp: 24358

Ion Ratio Lower Upper

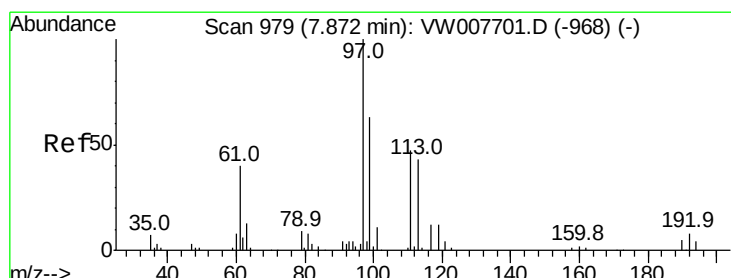
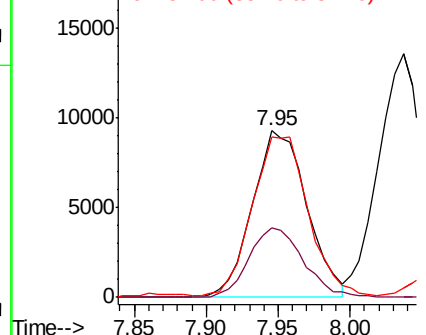
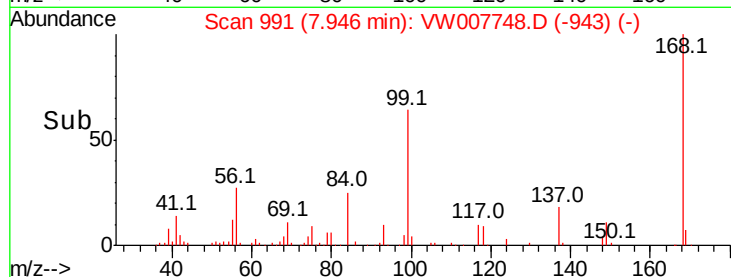
56 100

69 41.7 29.7 44.5

84 95.6 78.9 118.3



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: 20.128 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

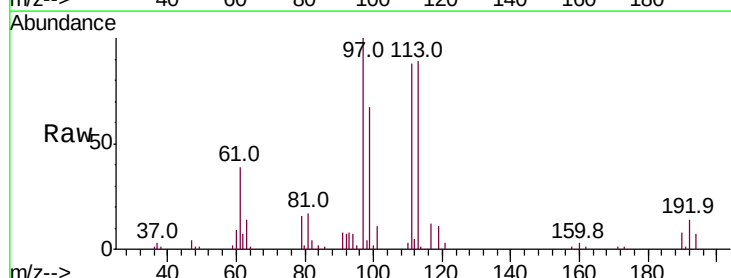
Tgt Ion: 97 Resp: 27489

Ion Ratio Lower Upper

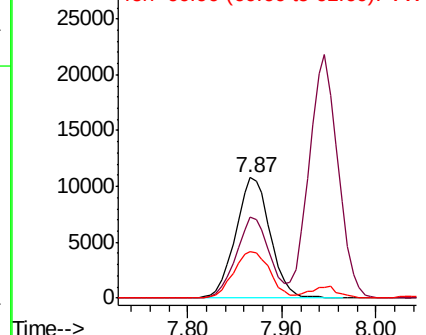
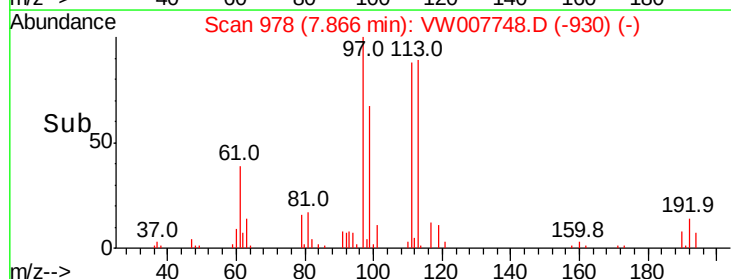
97 100

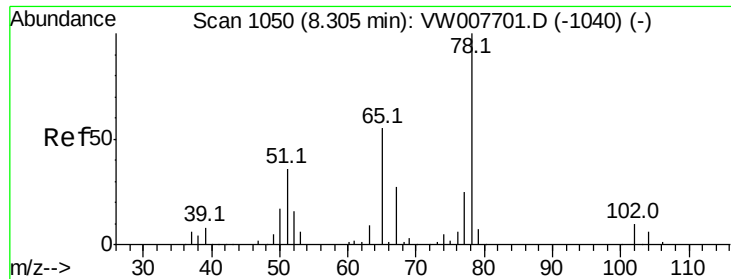
99 64.2 50.6 76.0

61 40.7 32.3 48.5



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

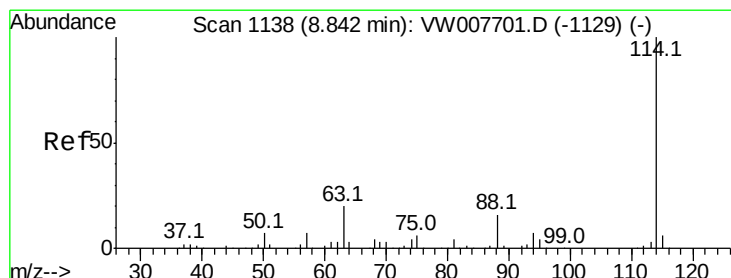
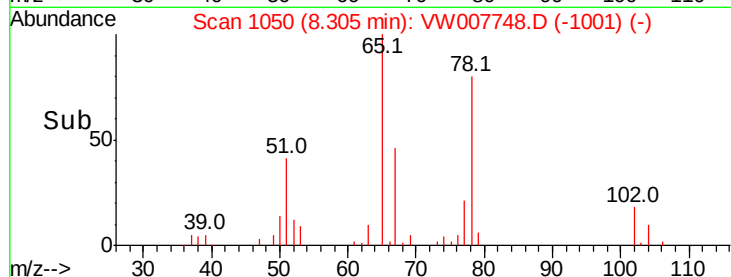
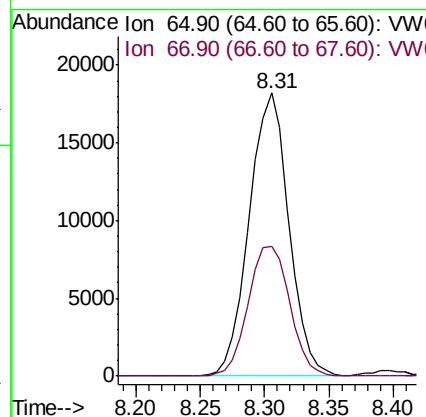
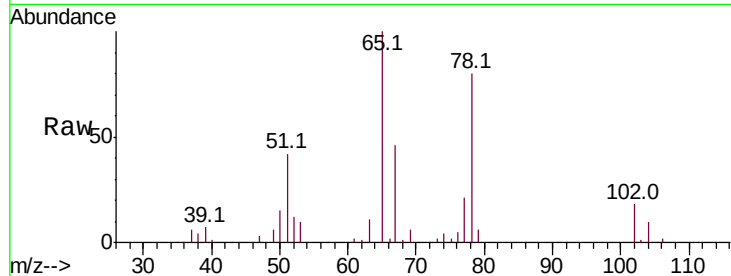




#33
 1,2-Dichloroethane-d4
 Concen: 47.715 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

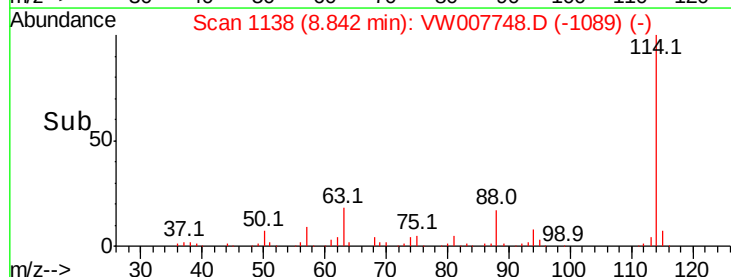
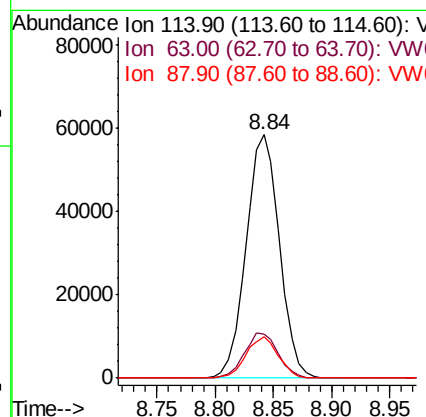
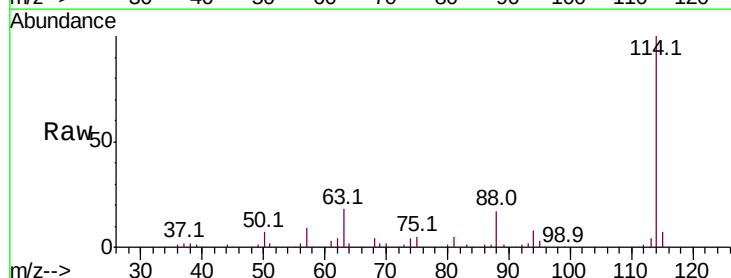
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

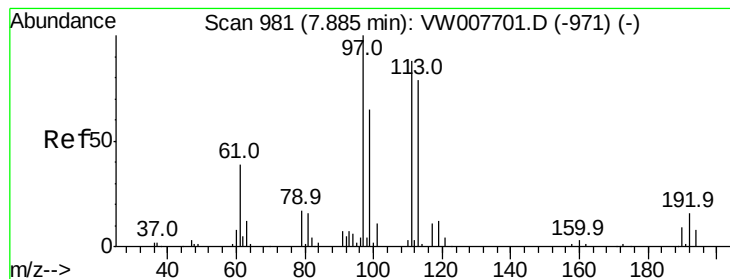
Tot Ion: 65 Resp: 38883
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Tgt Ion: 114 Resp: 116304
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.339 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

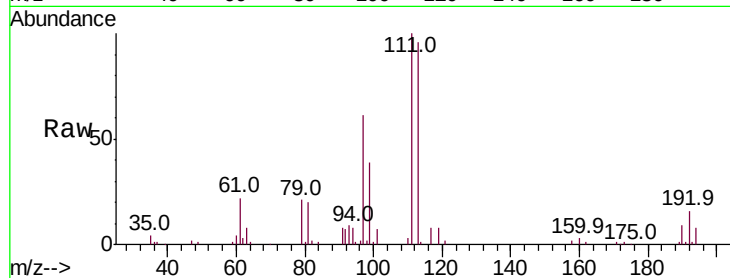
Tot Ion:113 Resp: 35716

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

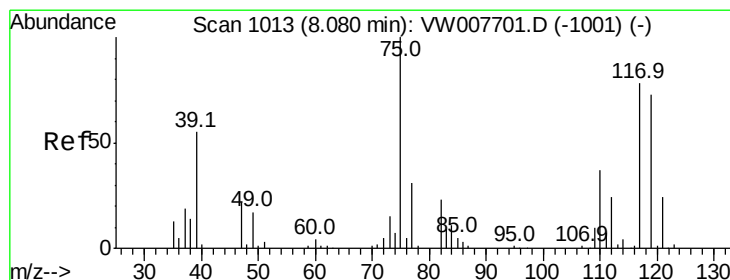
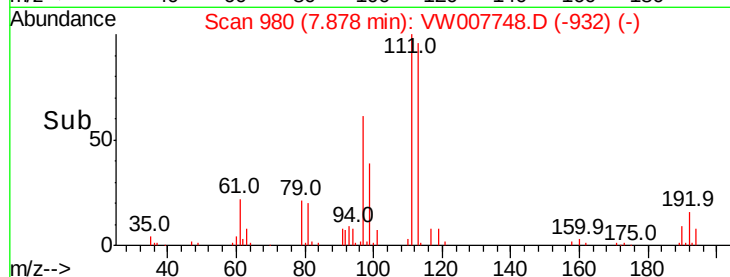
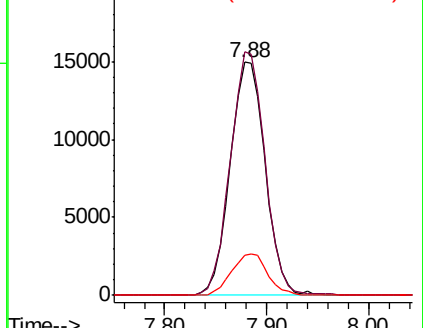
192 18.1 15.5 23.3



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: 21.112 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

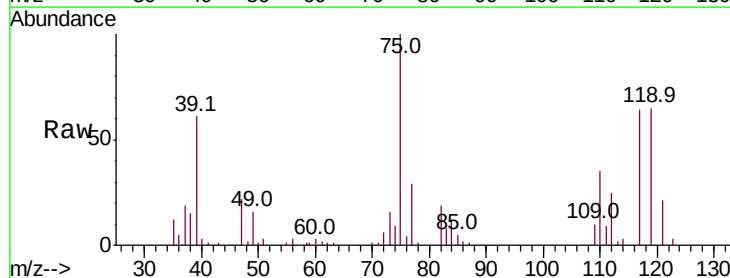
Tgt Ion: 75 Resp: 23699

Ion Ratio Lower Upper

75 100

110 37.1 18.6 55.8

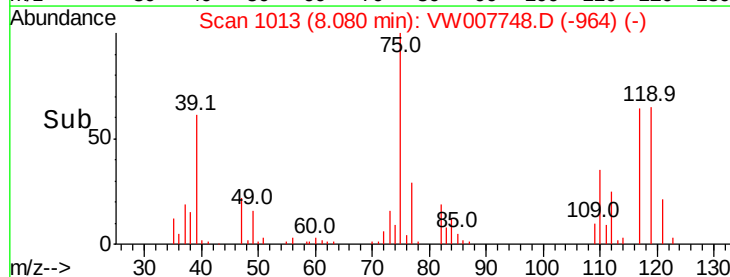
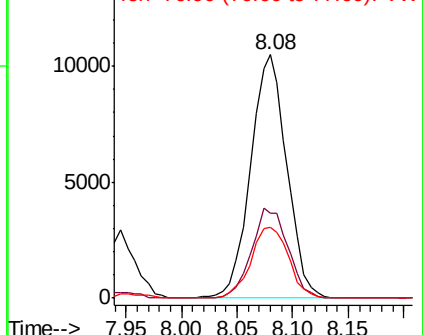
77 30.3 25.0 37.4

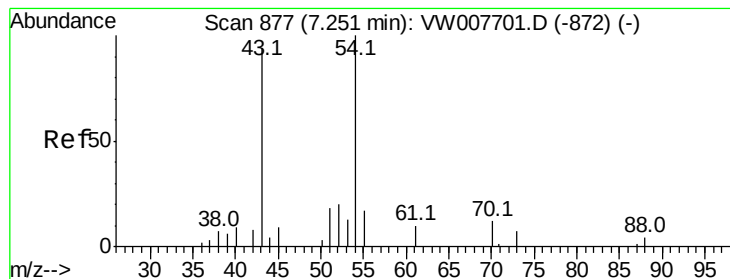


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 18.152 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

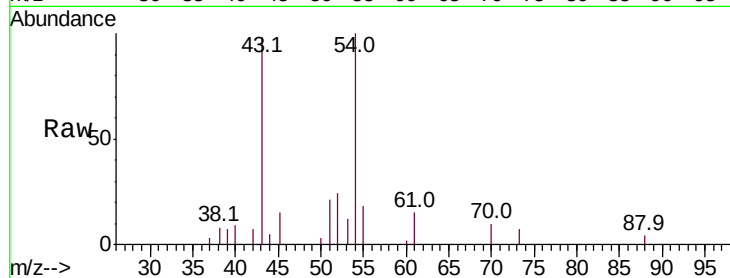
Tot Ion: 43 Resp: 7032

Ion Ratio Lower Upper

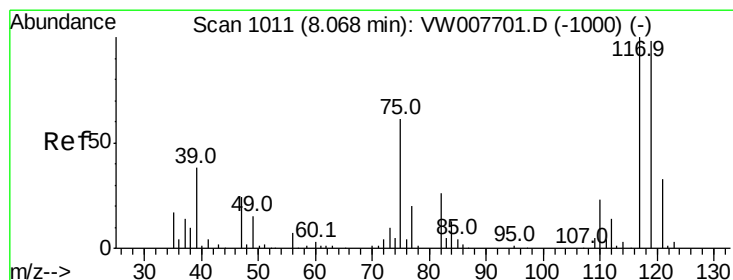
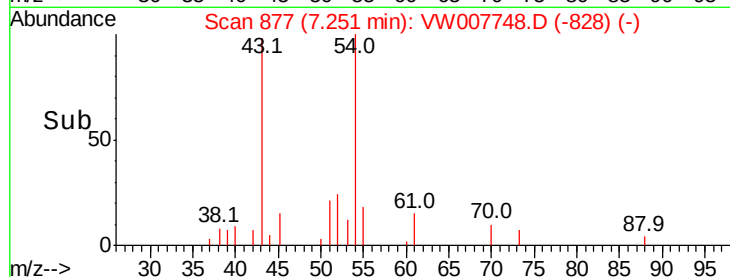
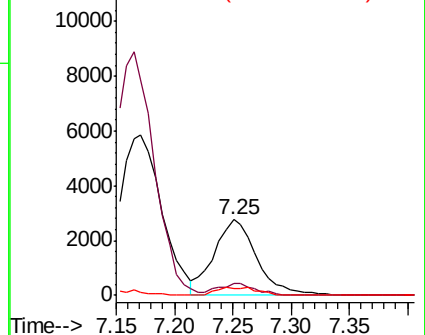
43 100

61 14.1 11.2 16.8

70 9.6 9.3 13.9



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



#38

Carbon Tetrachloride

Concen: 19.754 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

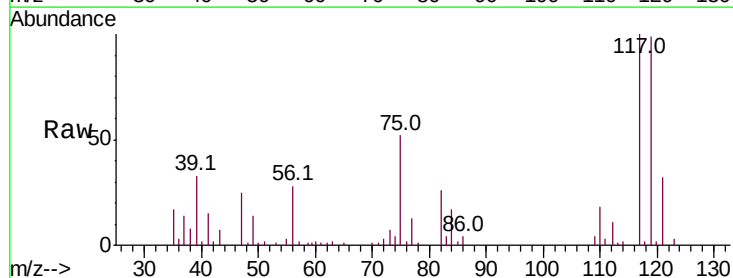
Tgt Ion: 117 Resp: 26115

Ion Ratio Lower Upper

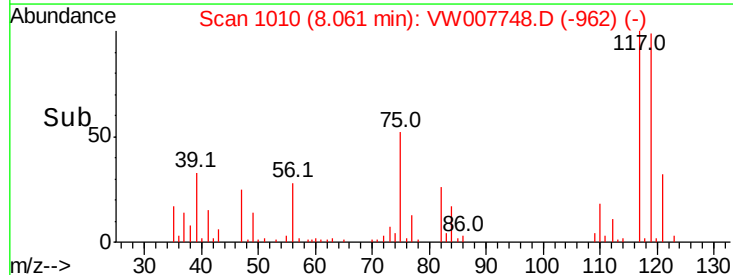
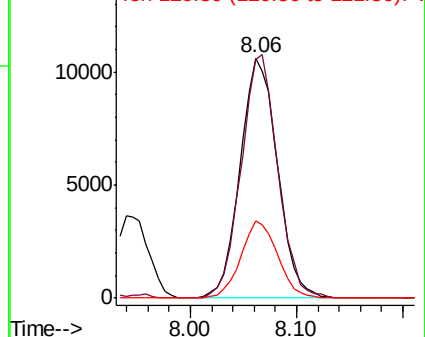
117 100

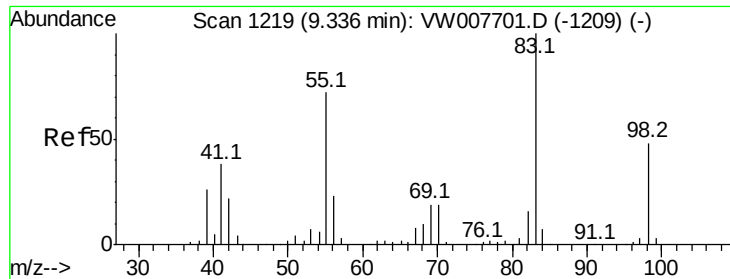
119 99.2 78.2 117.2

121 32.4 26.1 39.1



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

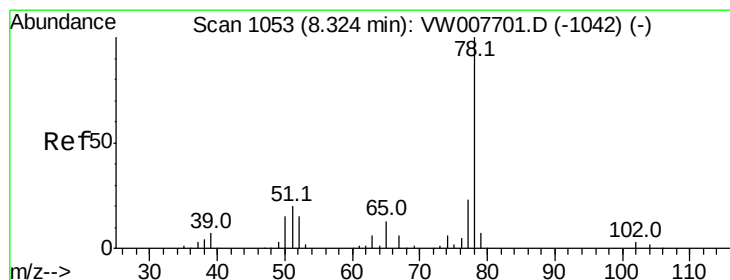
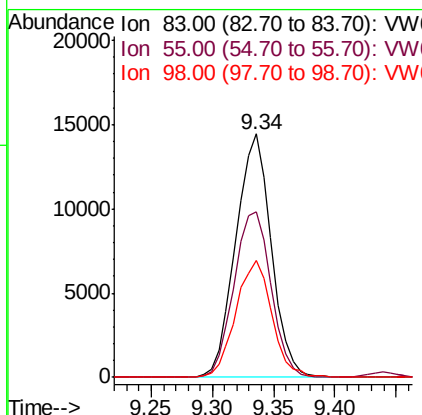
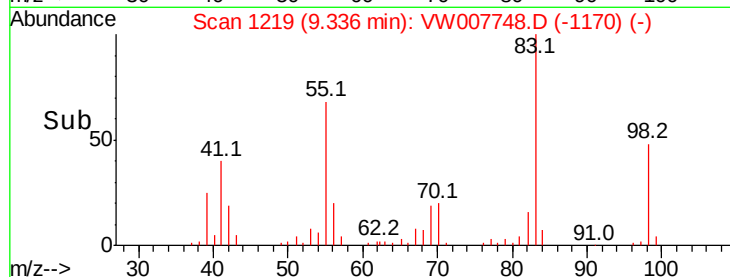
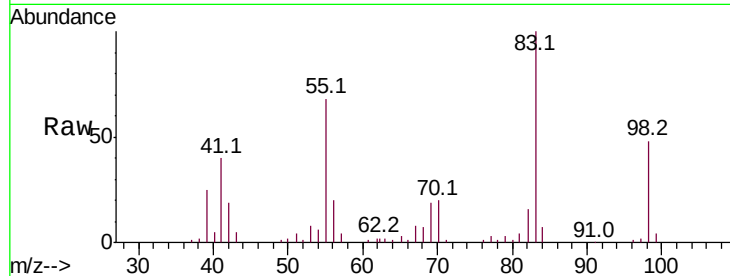




#39
Methylvlcyclohexane
Concen: 20.905 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

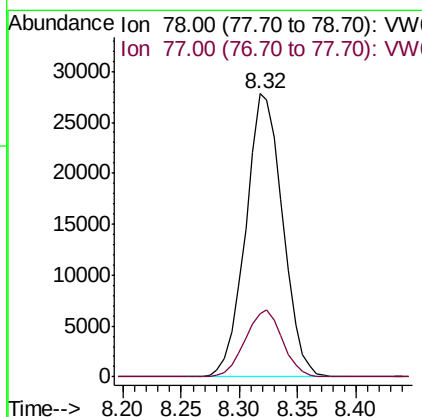
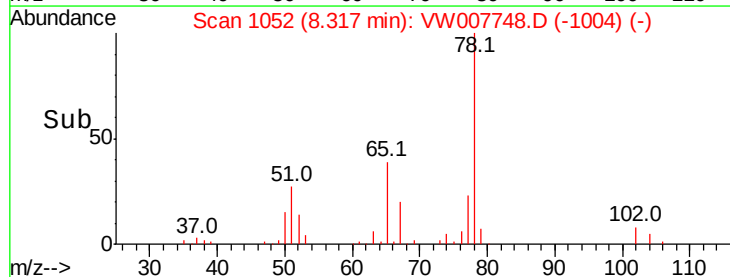
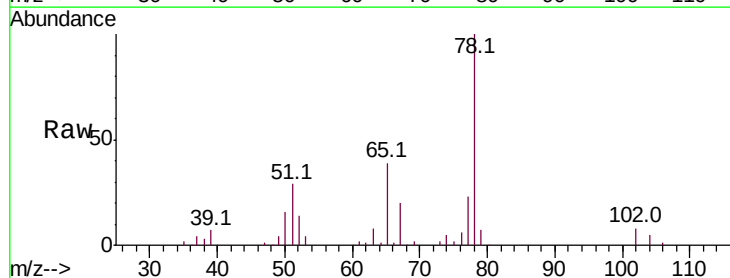
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

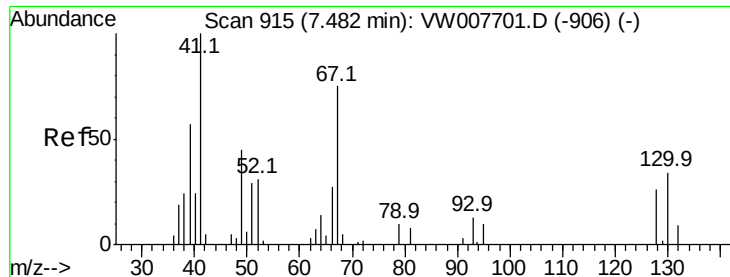
Tot Ion: 83 Resp: 29160
Ion Ratio Lower Upper
83 100
55 67.9 57.2 85.8
98 48.0 38.6 58.0



#40
Benzene
Concen: 20.481 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion: 78 Resp: 61352
Ion Ratio Lower Upper
78 100
77 22.5 18.7 28.1





#41

Methacrylonitrile

Concen: 19.223 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tot Ion: 41 Resp: 4228

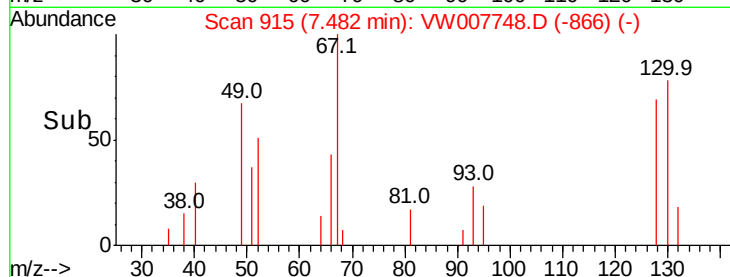
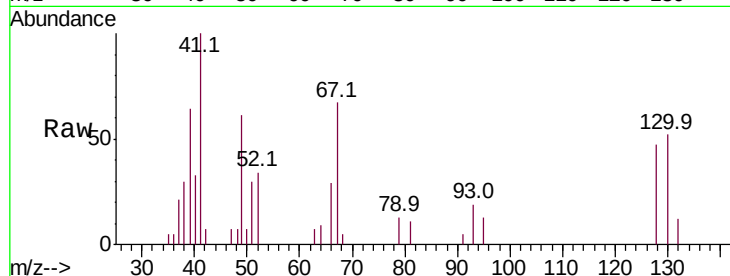
Ion Ratio Lower Upper

41 100

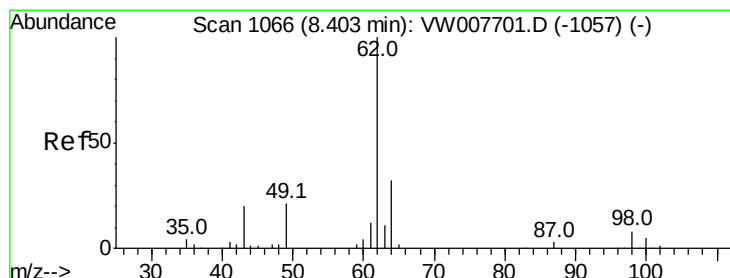
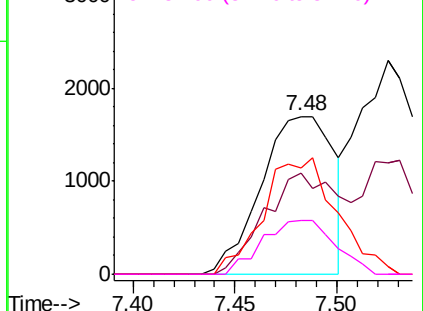
39 66.9 54.2 81.4

67 74.0 65.7 98.5

52 34.0 26.2 39.4



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



#42

1,2-Dichloroethane

Concen: 19.444 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW007748.D

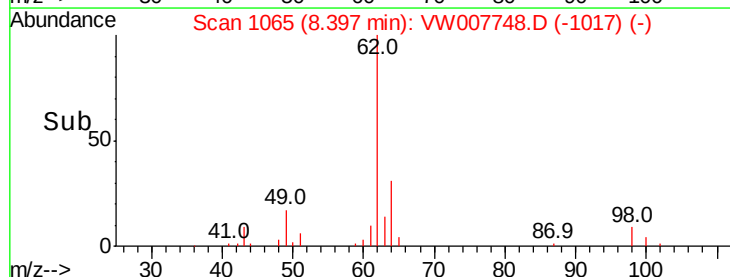
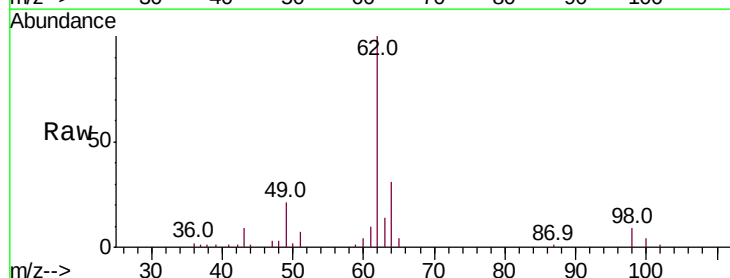
Acq: 20 Dec 2018 15:49

Tgt Ion: 62 Resp: 19519

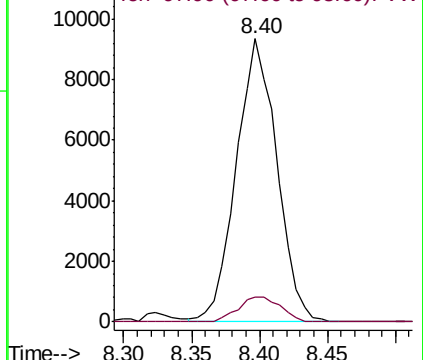
Ion Ratio Lower Upper

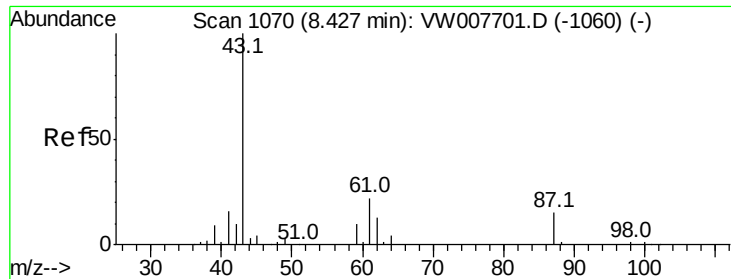
62 100

98 9.1 0.0 16.6



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





#43

Isopropyl Acetate

Concen: 16.910 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

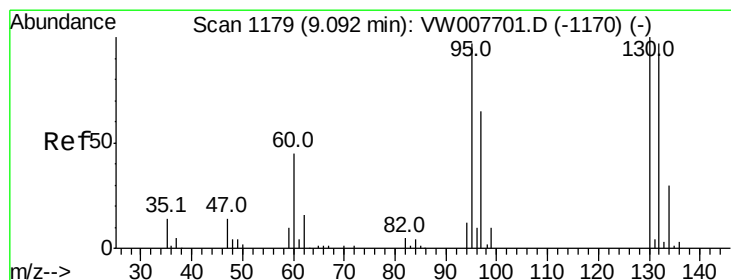
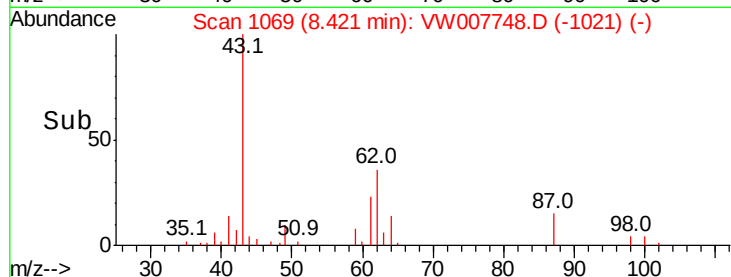
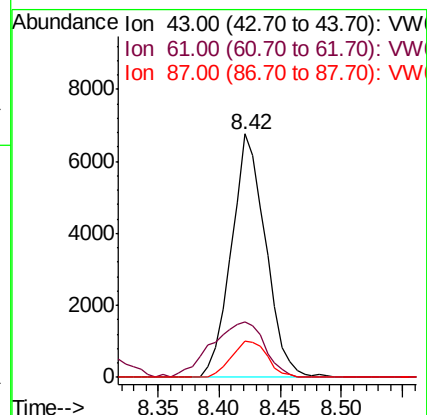
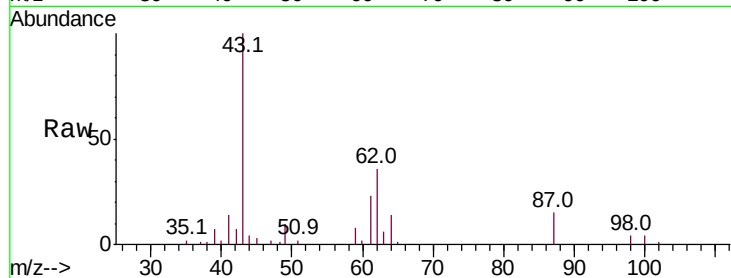
Tot Ion: 43 Resp: 13125

Ion Ratio Lower Upper

43 100

61 35.3 26.3 39.5

87 15.5 12.0 18.0



#44

Trichloroethene

Concen: 20.551 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007748.D

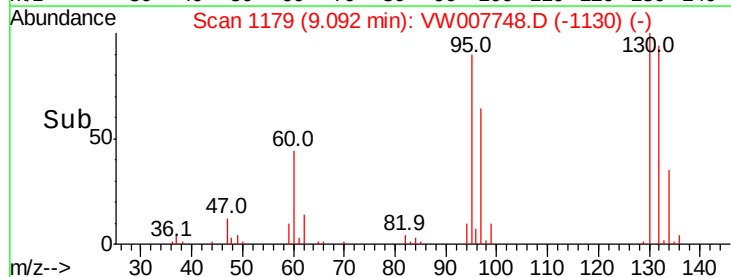
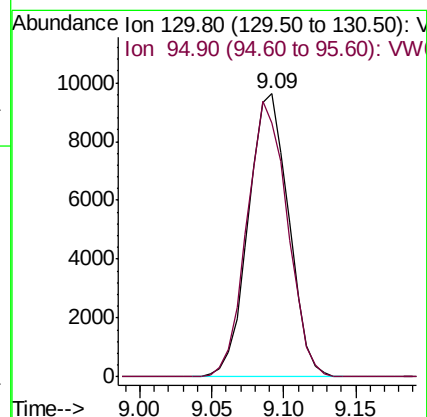
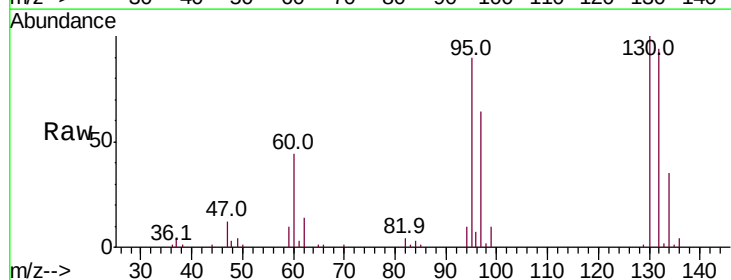
Acq: 20 Dec 2018 15:49

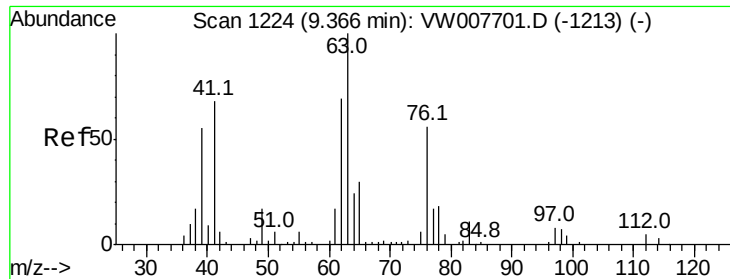
Tgt Ion:130 Resp: 18617

Ion Ratio Lower Upper

130 100

95 89.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.776 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

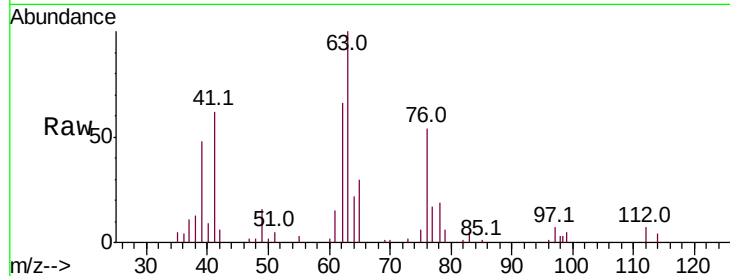
VW1222SBS01

Tot Ion: 63 Resp: 13809

Ion Ratio Lower Upper

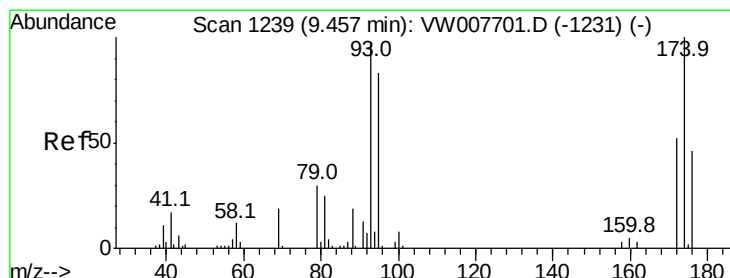
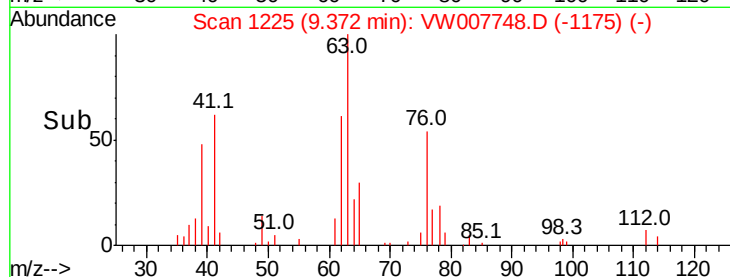
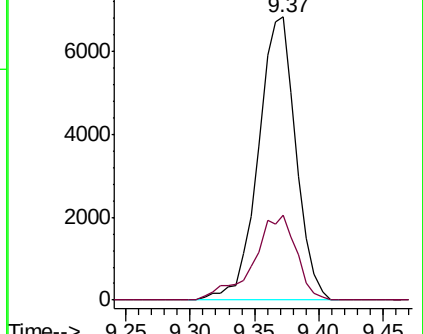
63 100

65 29.9 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.066 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

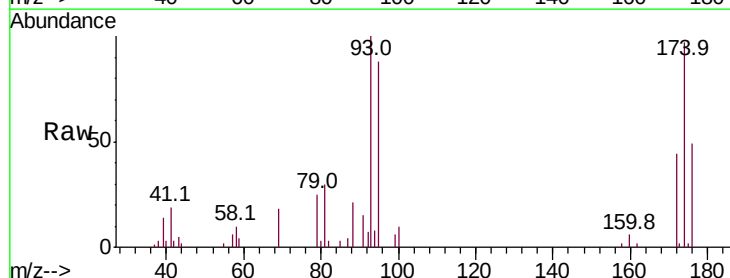
Tgt Ion: 93 Resp: 7801

Ion Ratio Lower Upper

93 100

95 87.7 67.5 101.3

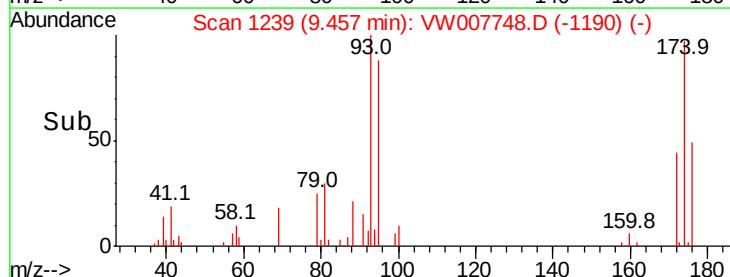
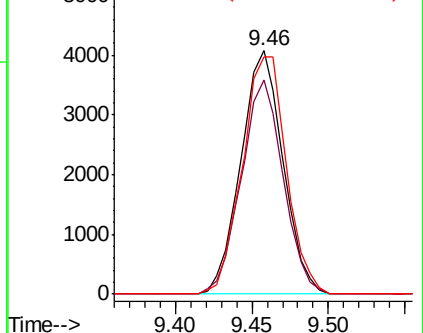
174 102.0 83.9 125.9

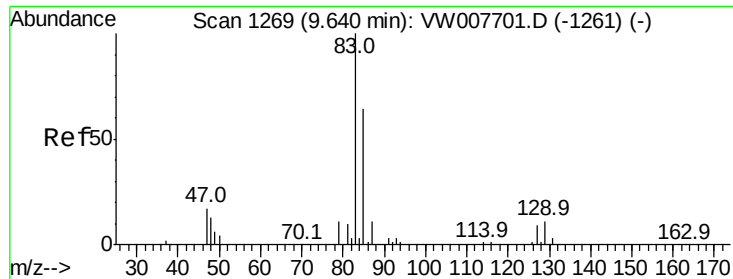


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.478 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

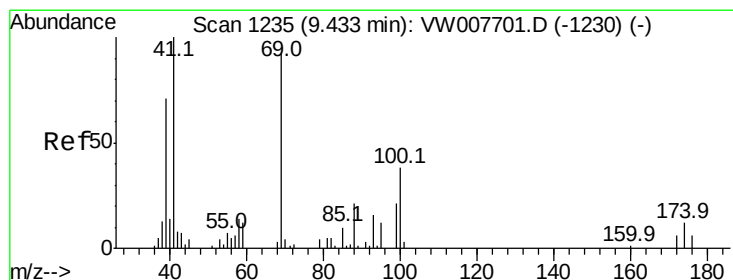
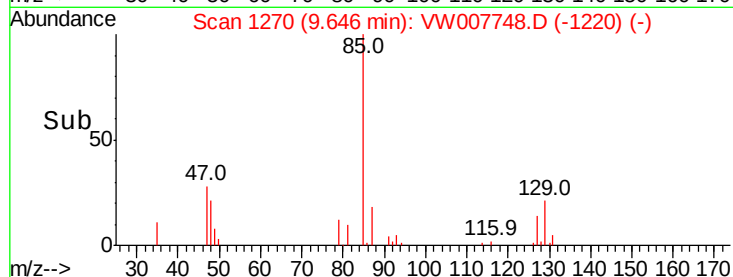
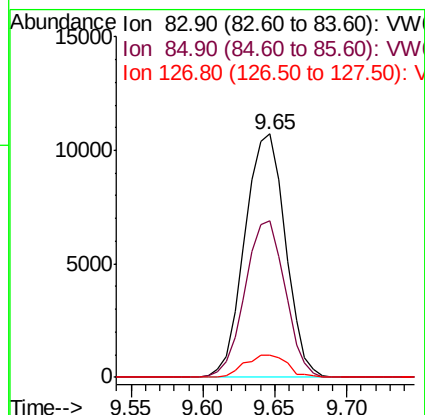
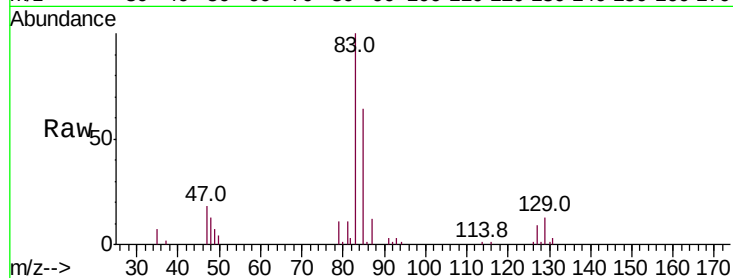
Tot Ion: 83 Resp: 20951

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

127 9.1 7.5 11.3



#48

Methyl methacrylate

Concen: 16.884 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

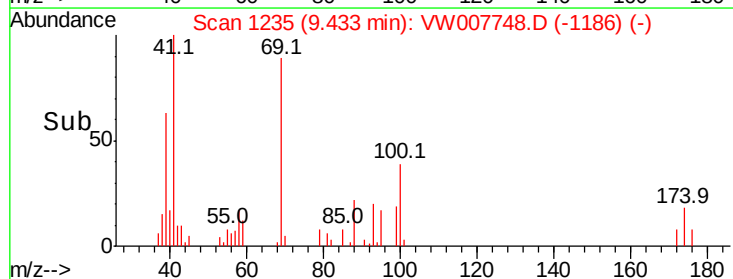
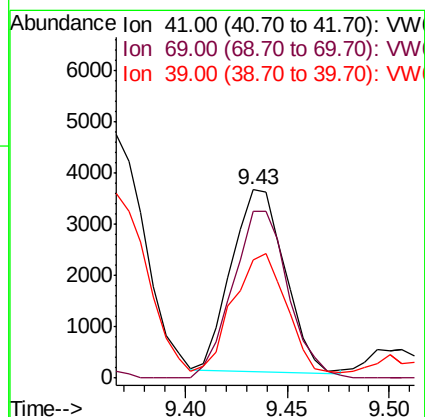
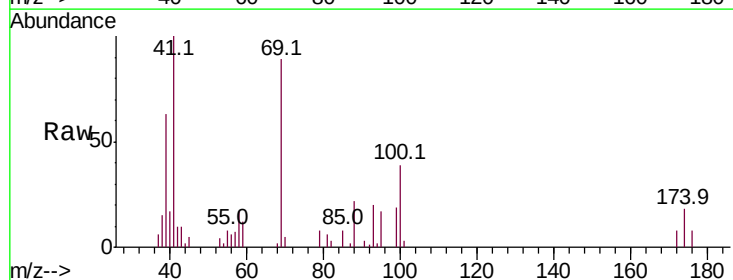
Tgt Ion: 41 Resp: 6541

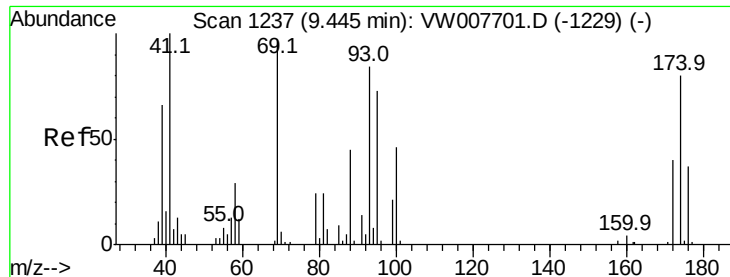
Ion Ratio Lower Upper

41 100

69 94.1 74.2 111.2

39 64.6 53.9 80.9





#49

1,4-Dioxane

Concen: 386.007 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

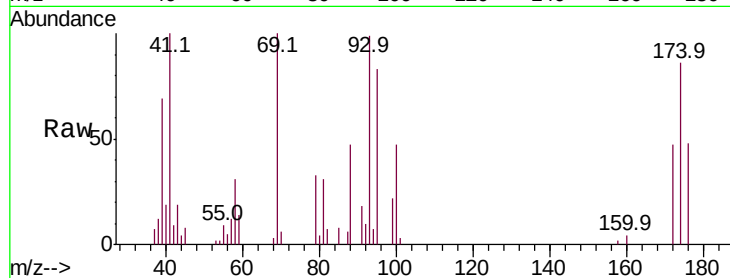
Tot Ion: 88 Resp: 2504

Ion Ratio Lower Upper

88 100

43 33.1 25.6 38.4

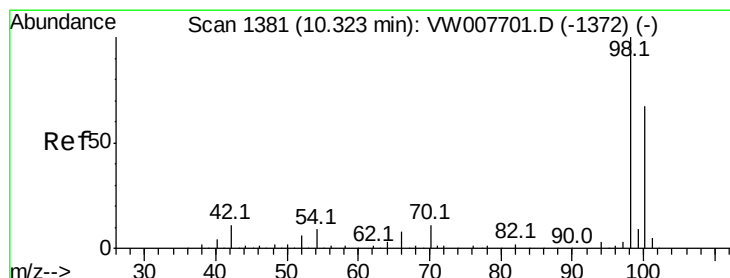
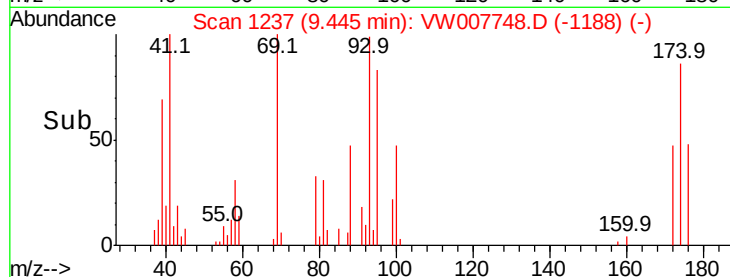
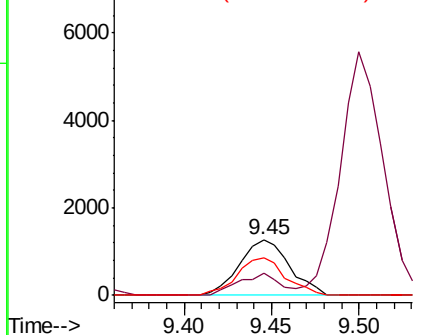
58 65.5 52.3 78.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.751 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007748.D

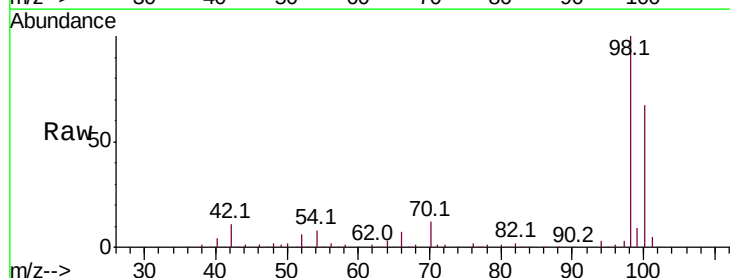
Acq: 20 Dec 2018 15:49

Tgt Ion: 98 Resp: 138421

Ion Ratio Lower Upper

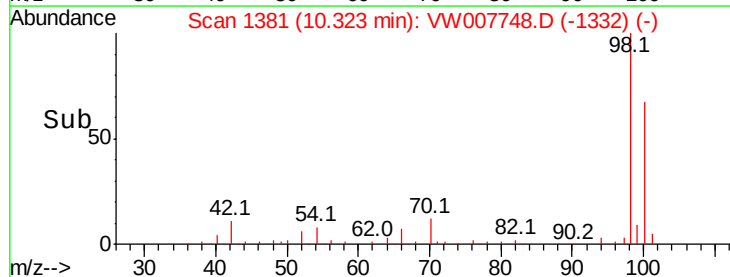
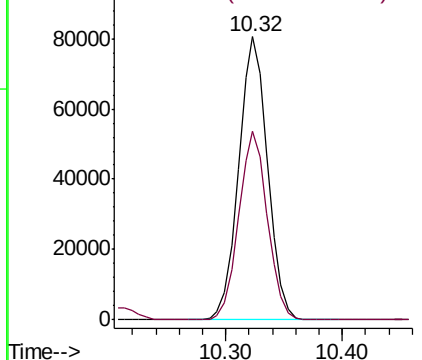
98 100

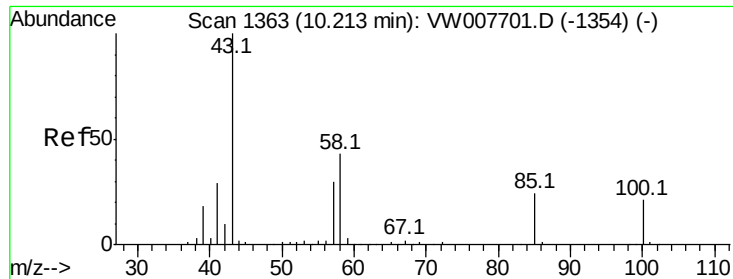
100 66.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 84.192 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

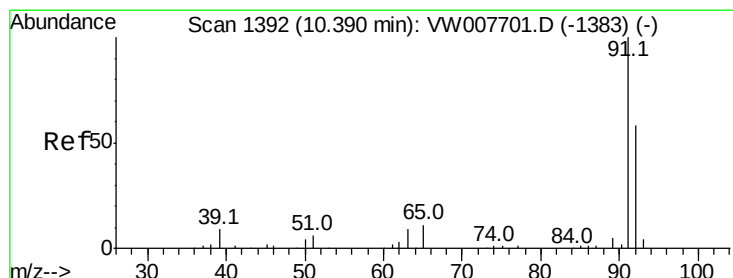
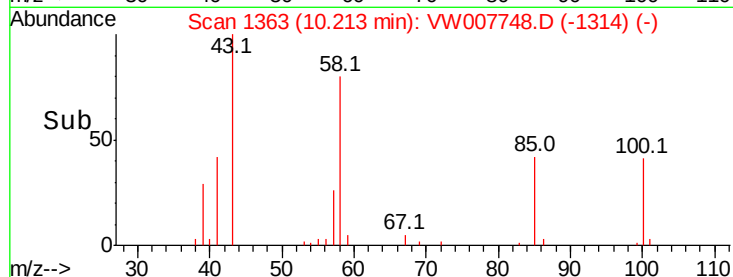
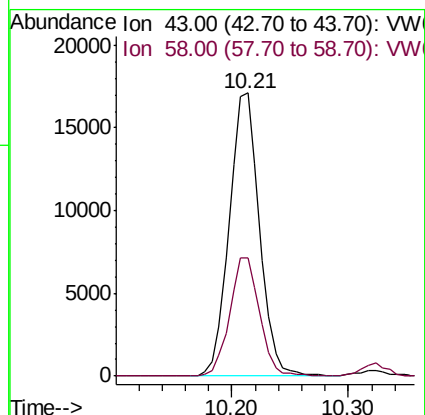
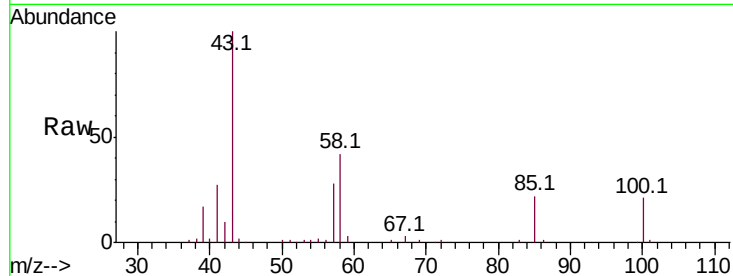
VW1222SBS01

Tot Ion: 43 Resp: 30882

Ion Ratio Lower Upper

43 100

58 41.2 33.2 49.8



#52

Toluene

Concen: 20.260 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007748.D

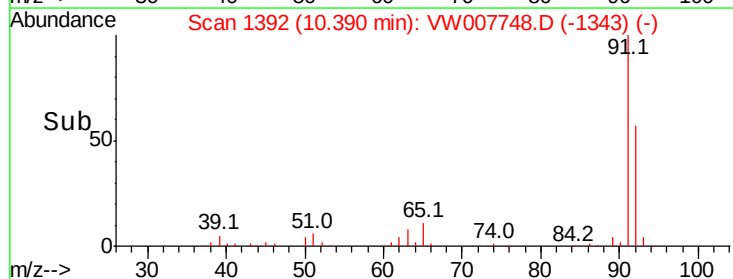
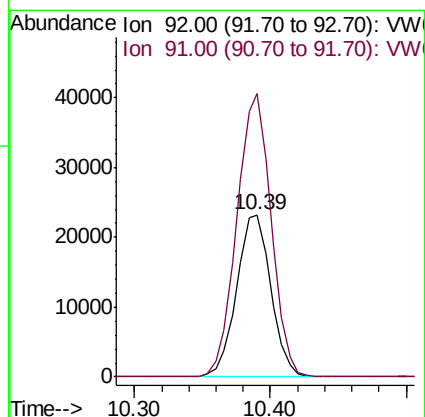
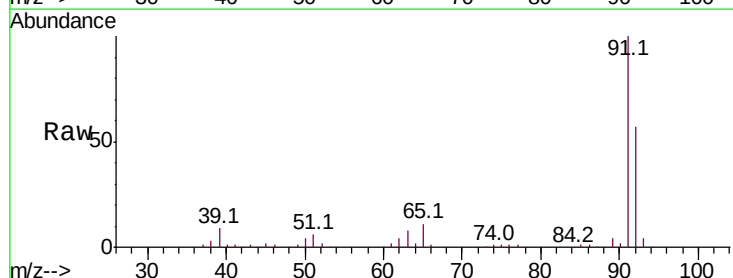
Acq: 20 Dec 2018 15:49

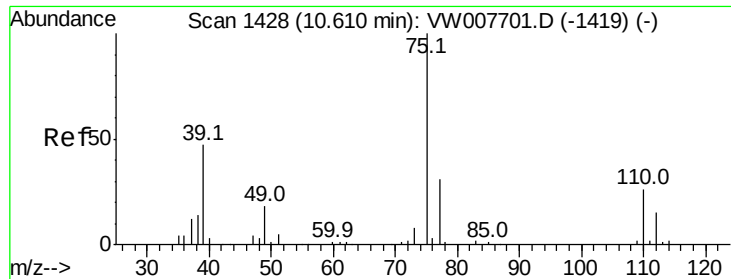
Tgt Ion: 92 Resp: 40717

Ion Ratio Lower Upper

92 100

91 175.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.189 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

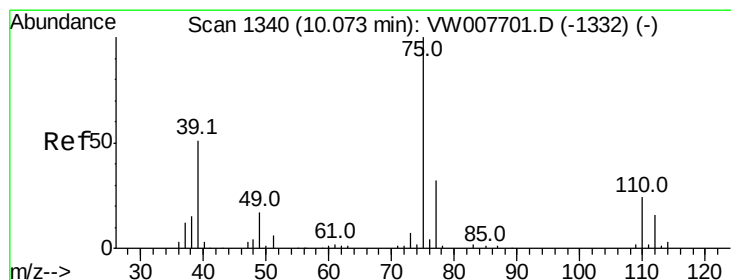
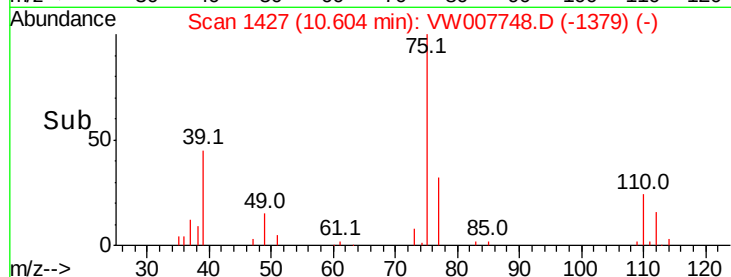
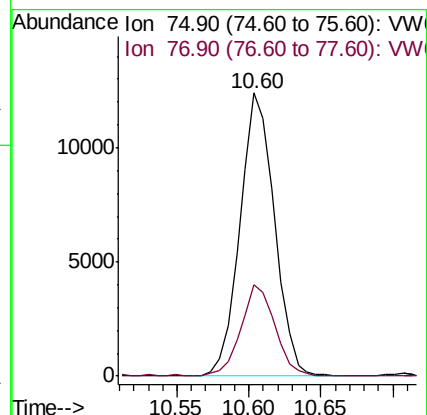
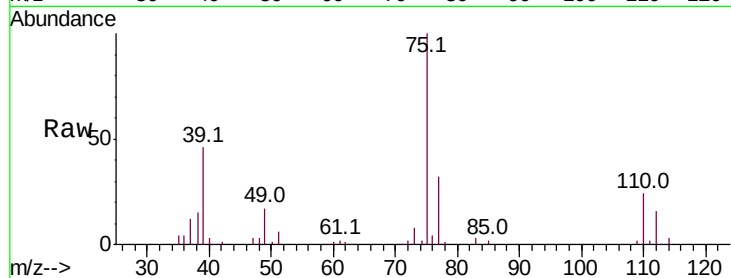
VW1222SBS01

Tot Ion: 75 Resp: 20530

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.128 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

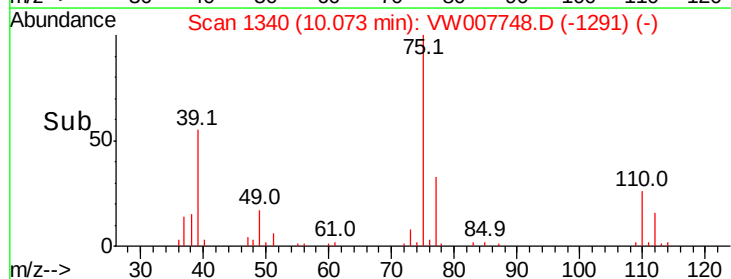
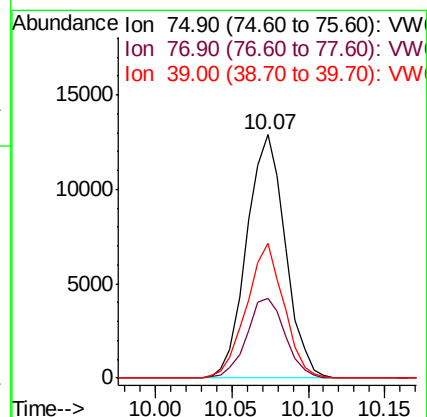
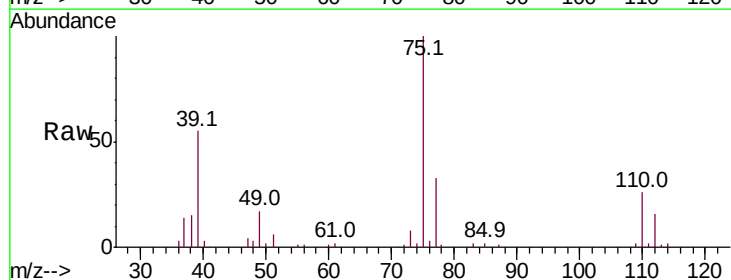
Tgt Ion: 75 Resp: 22605

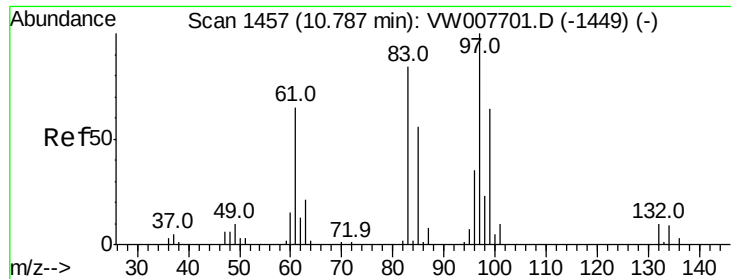
Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 55.3 41.2 61.8





#55

1,1,2-Trichloroethane

Concen: 19.266 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tot Ion: 97 Resp: 10867

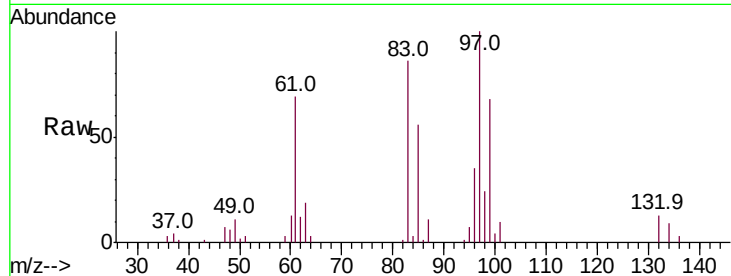
Ion Ratio Lower Upper

97 100

83 85.6 67.5 101.3

85 56.3 44.8 67.2

99 67.7 51.0 76.4



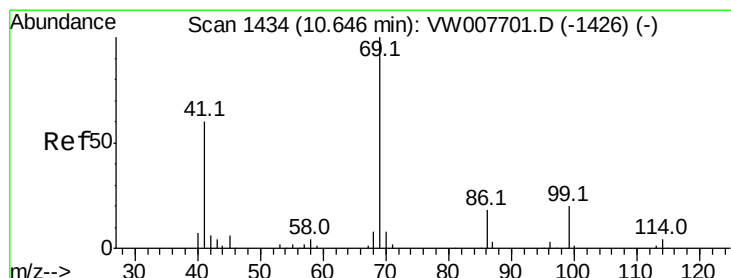
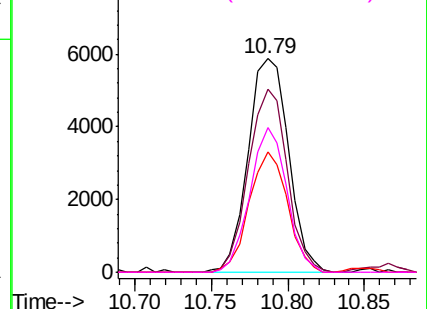
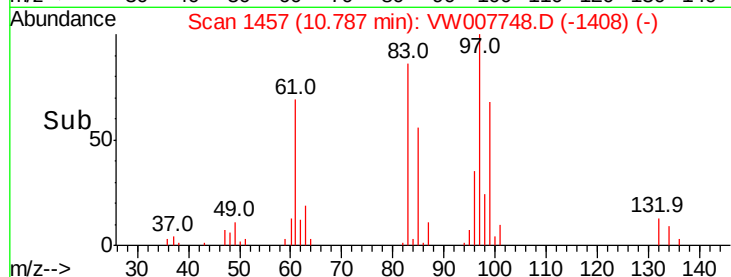
Abundance

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: 17.337 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

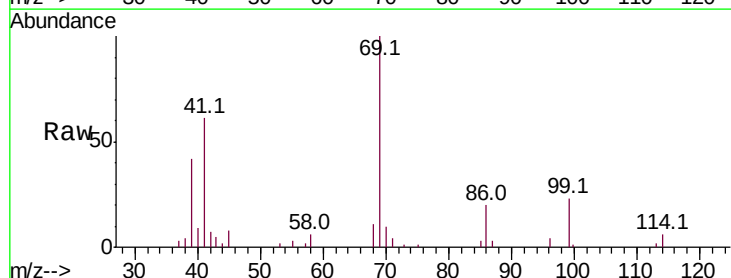
Tgt Ion: 69 Resp: 11554

Ion Ratio Lower Upper

69 100

41 63.4 48.9 73.3

39 39.8 31.3 46.9

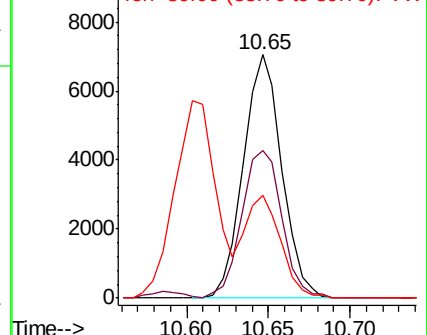
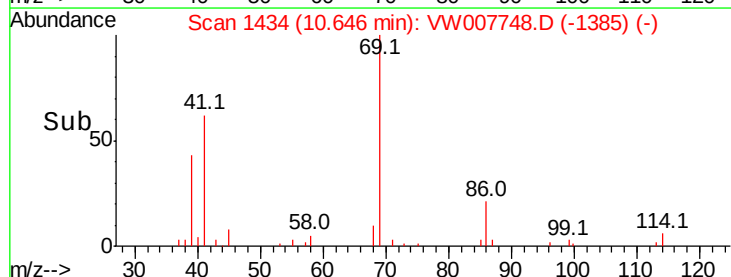


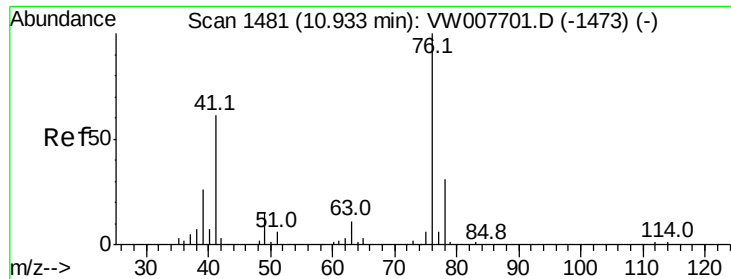
Abundance

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

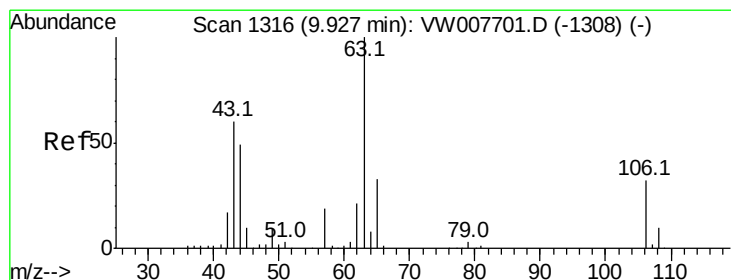
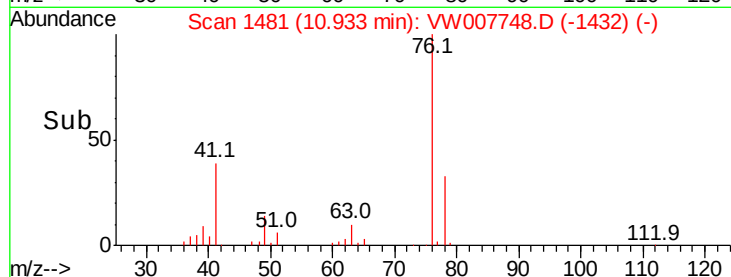
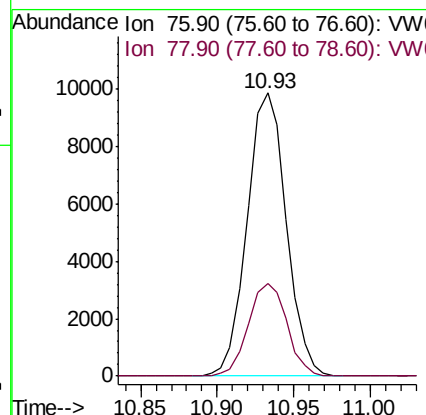
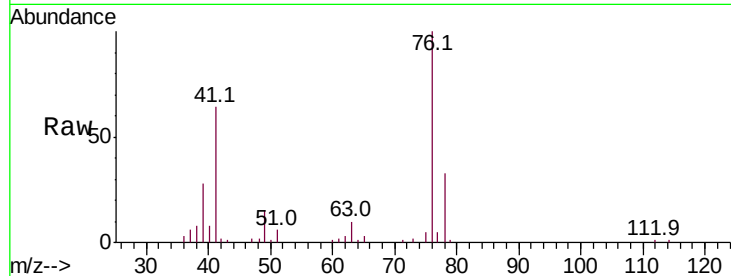




#57
 1,3-Dichloropropane
 Concen: 18.737 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

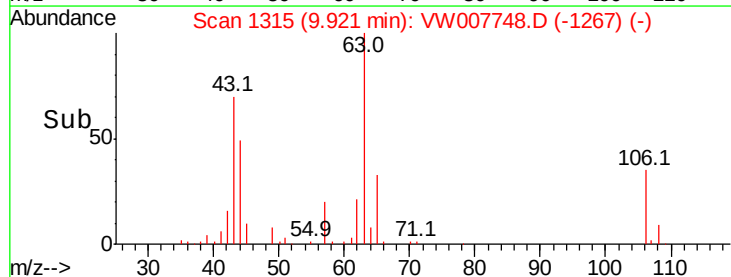
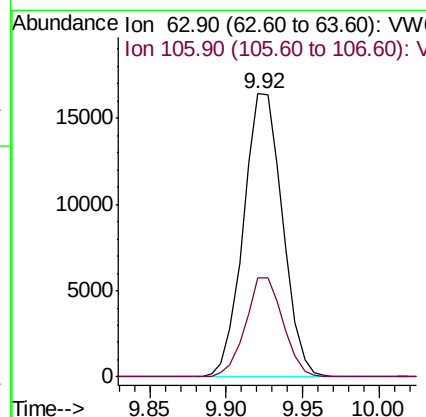
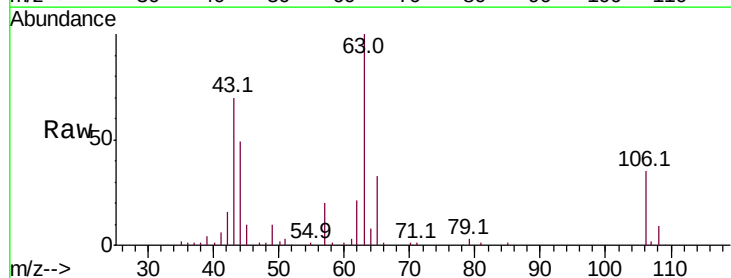
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

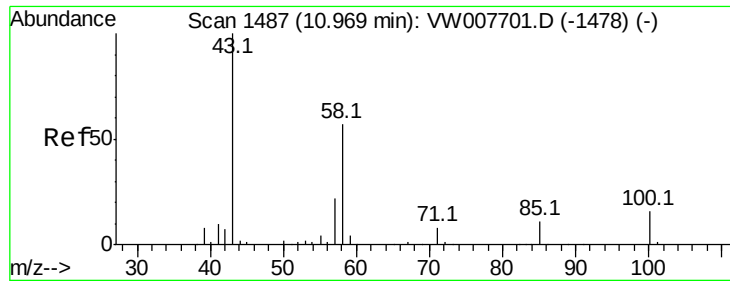
Tot Ion: 76 Resp: 17550
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.821 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Tgt Ion: 63 Resp: 29156
 Ion Ratio Lower Upper
 63 100
 106 33.6 25.9 38.9





#59

2-Hexanone

Concen: 85.601 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

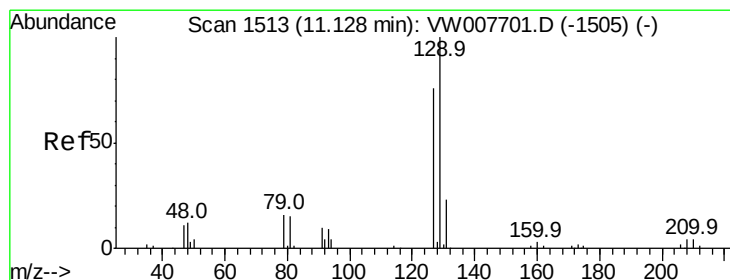
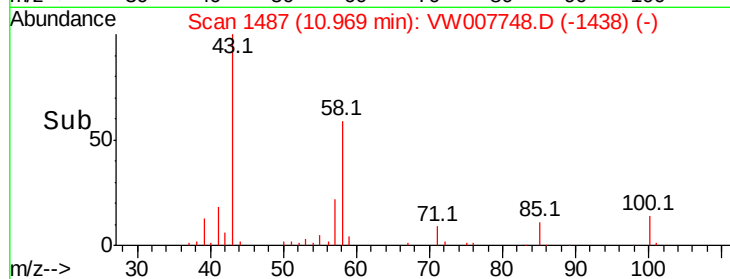
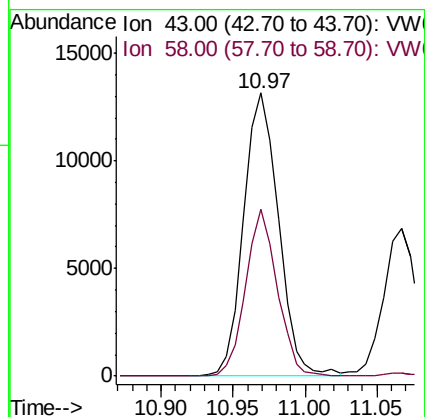
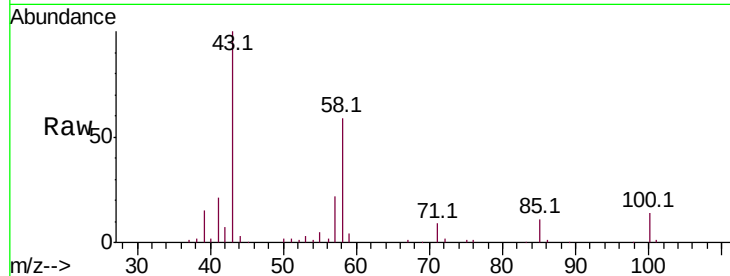
VW1222SBS01

Tot Ion: 43 Resp: 22082

Ion Ratio Lower Upper

43 100

58 53.2 27.7 83.1



#60

Dibromochloromethane

Concen: 18.509 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007748.D

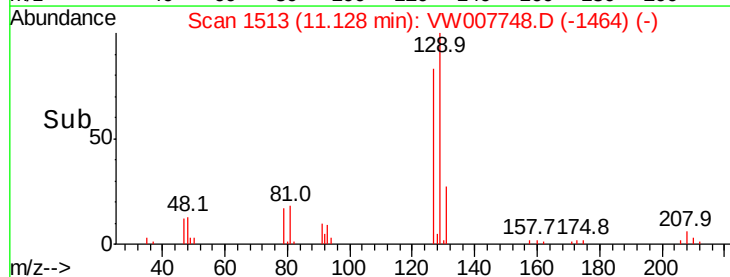
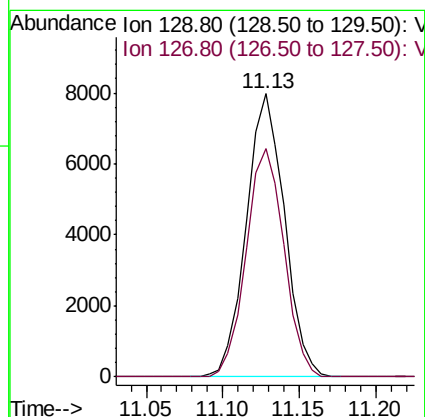
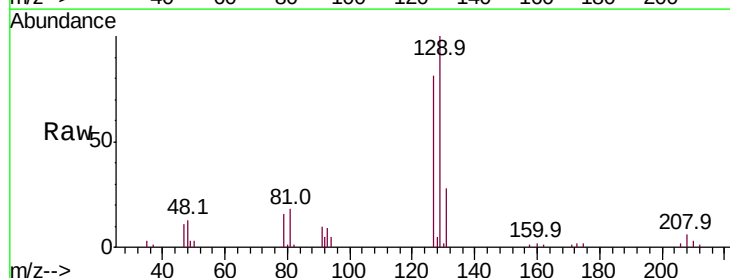
Acq: 20 Dec 2018 15:49

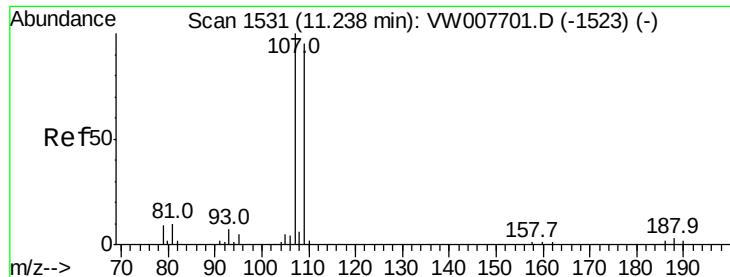
Tgt Ion: 129 Resp: 13823

Ion Ratio Lower Upper

129 100

127 79.9 38.3 114.9

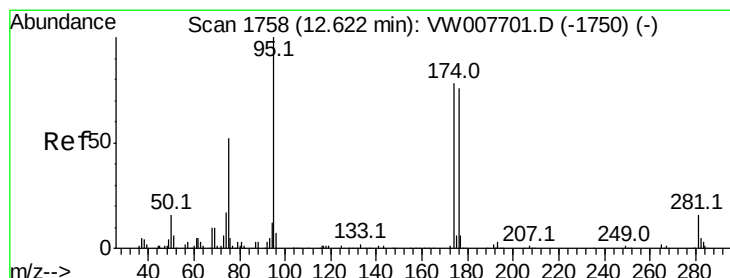
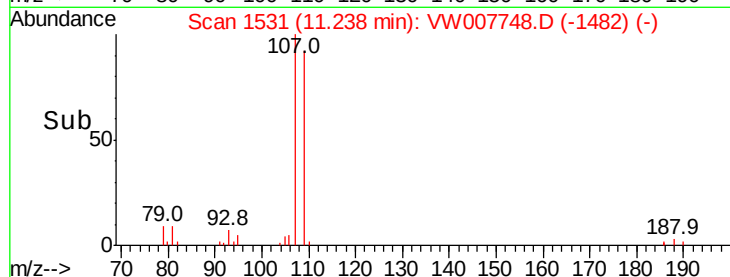
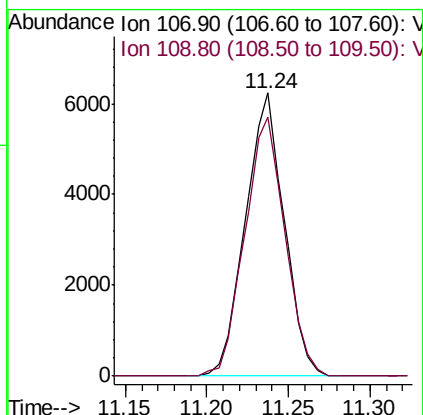
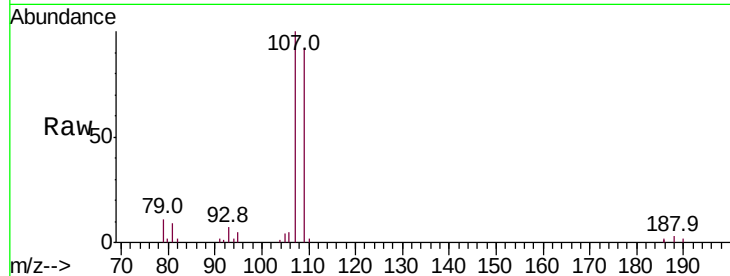




#61
 1,2-Dibromoethane
 Concen: 18.109 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

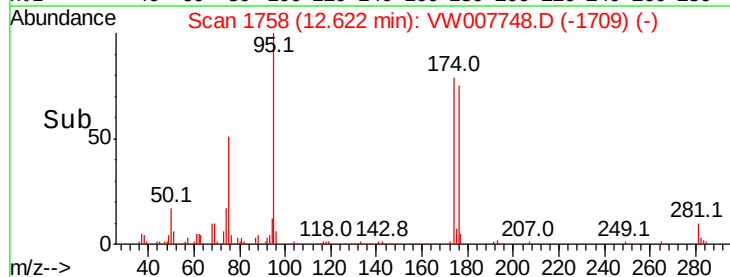
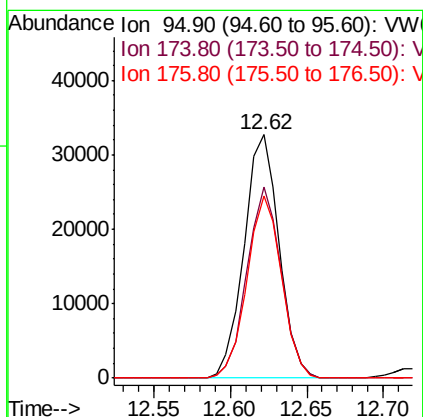
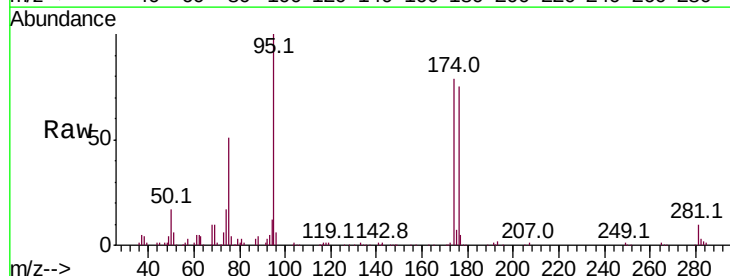
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

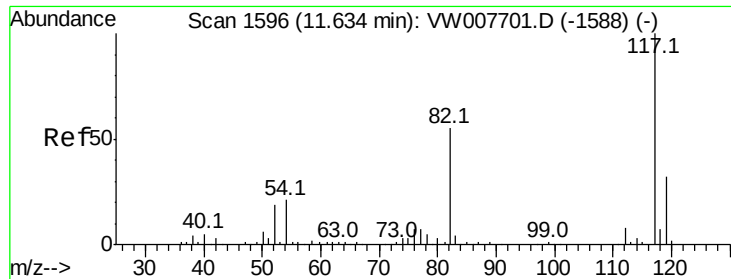
Tot Ion:107 Resp: 10344
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.317 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Tgt Ion: 95 Resp: 51994
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 152.2
 176 74.0 0.0 146.8

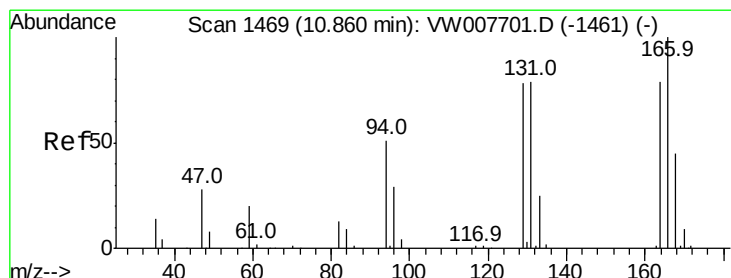
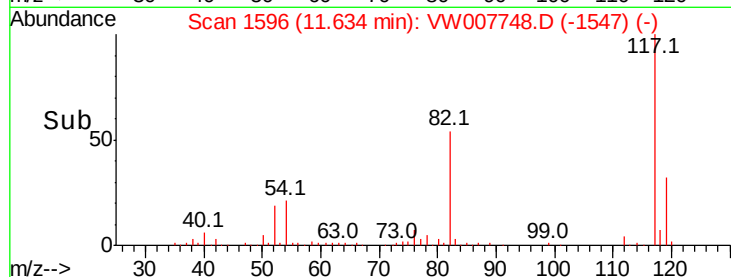
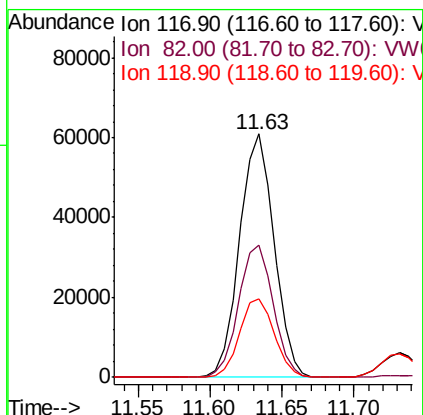
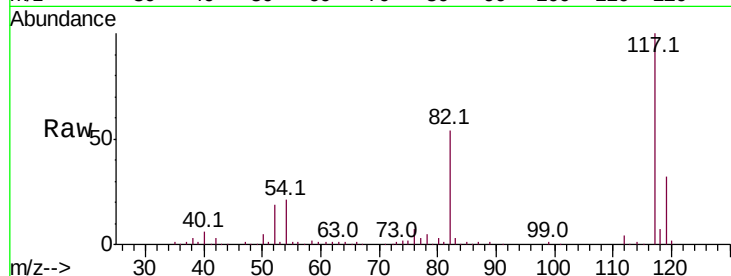




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

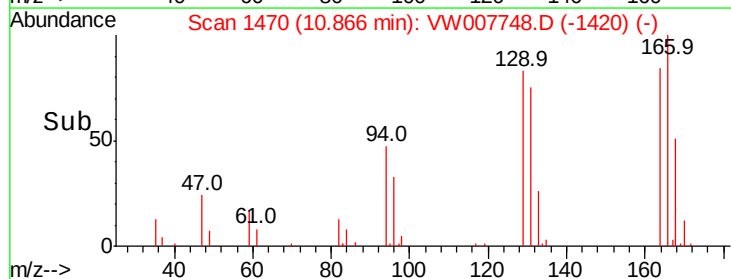
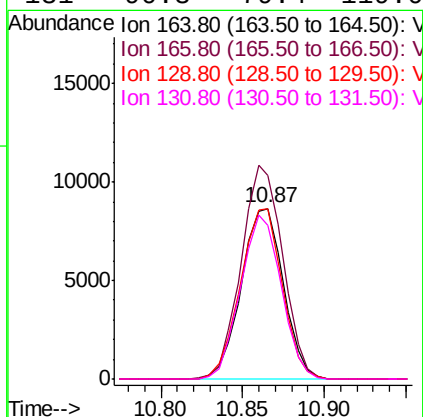
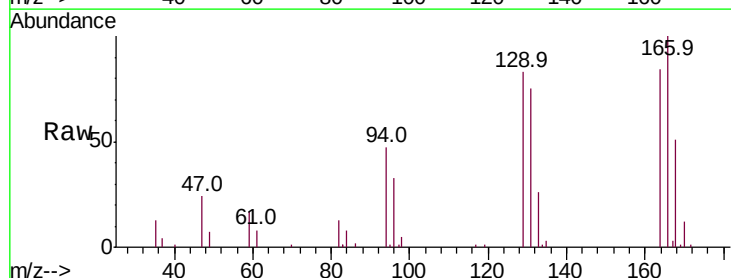
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

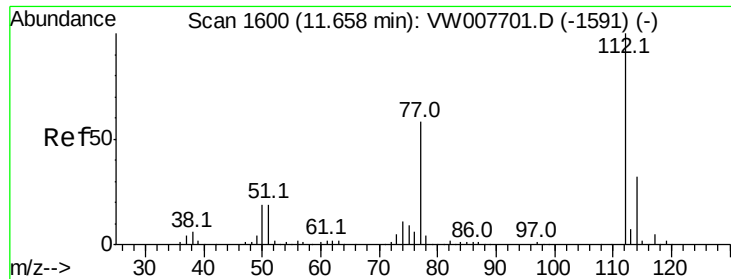
Tot Ion:117 Resp: 101233
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 21.663 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion:164 Resp: 15529
Ion Ratio Lower Upper
164 100
166 119.7 101.0 151.6
129 99.8 78.7 118.1
131 90.3 79.4 119.0

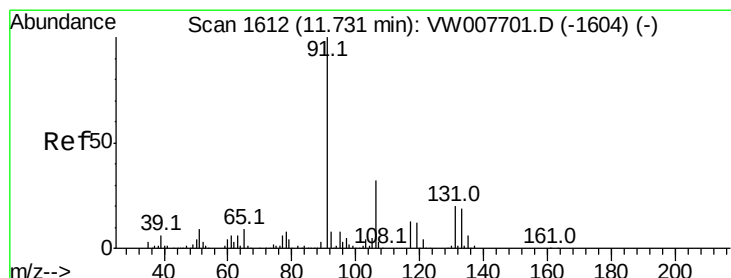
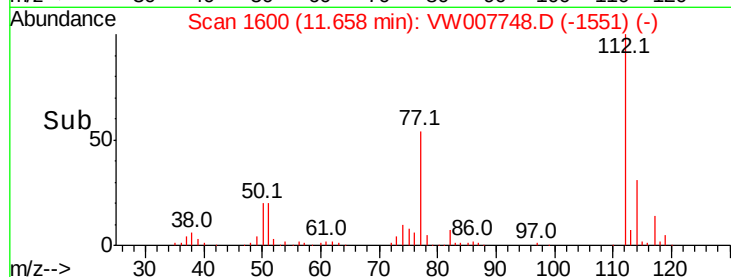
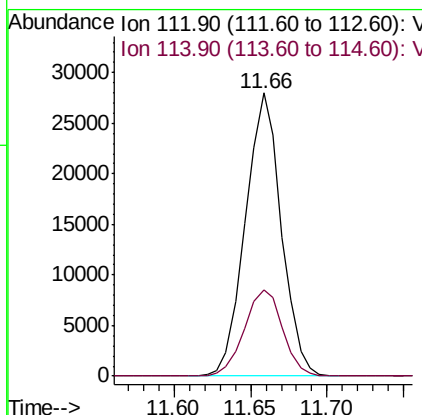
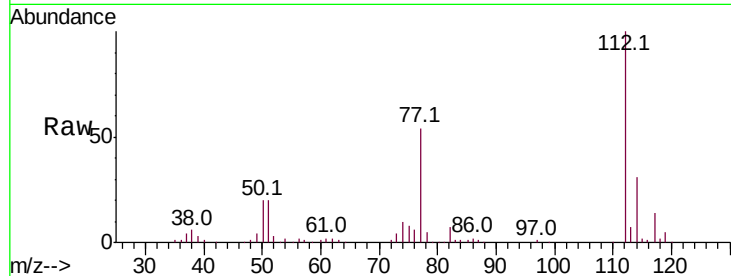




#65
Chlorobenzene
Concen: 20.765 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

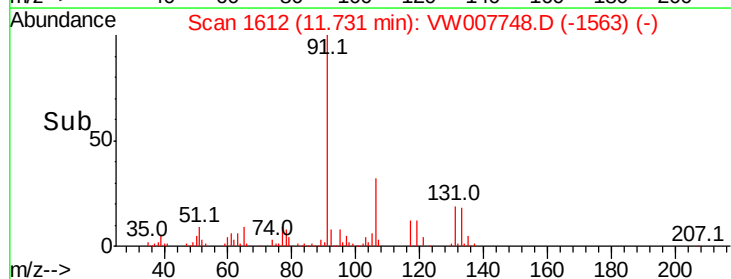
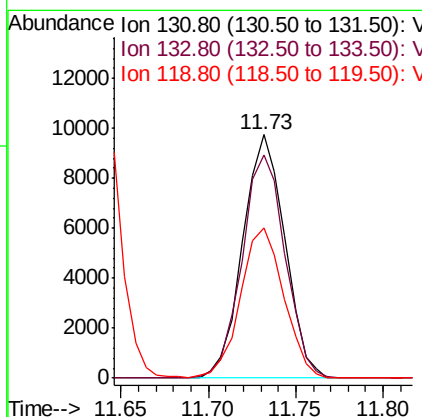
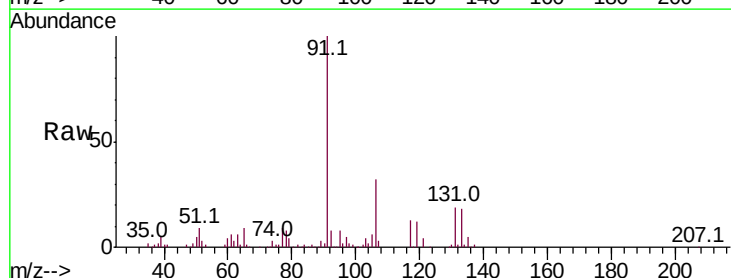
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

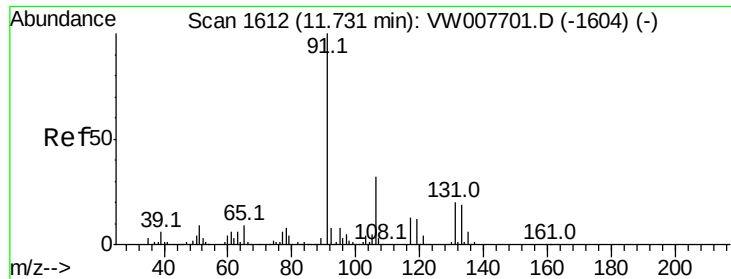
Tot Ion:112 Resp: 45499
Ion Ratio Lower Upper
112 100
114 30.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.854 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion:131 Resp: 16327
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.5
119 63.5 30.2 90.6





#67

Ethyl Benzene

Concen: 21.651 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

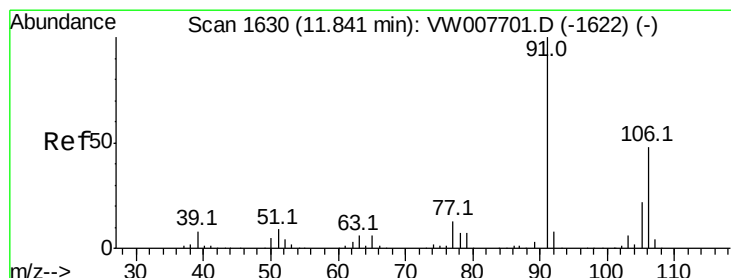
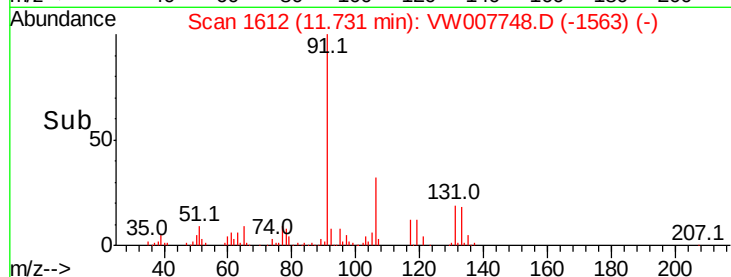
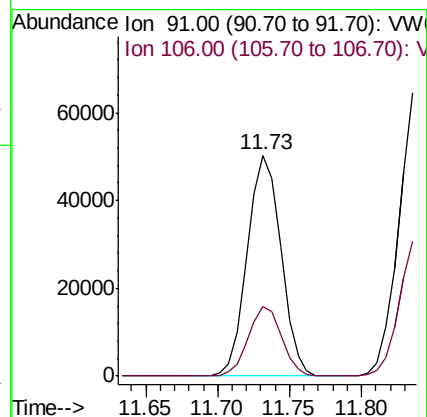
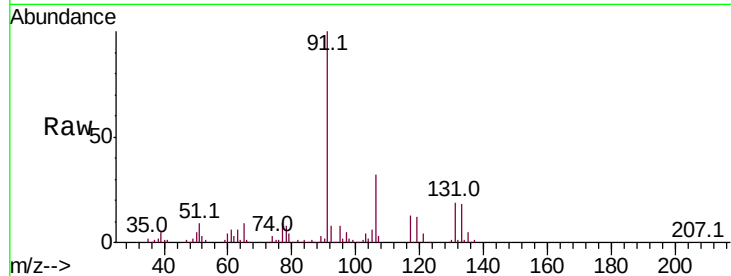
VW1222SBS01

Tot Ion: 91 Resp: 81408

Ion Ratio Lower Upper

91 100

106 31.8 25.8 38.8



#68

m/p-Xylenes

Concen: 43.734 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007748.D

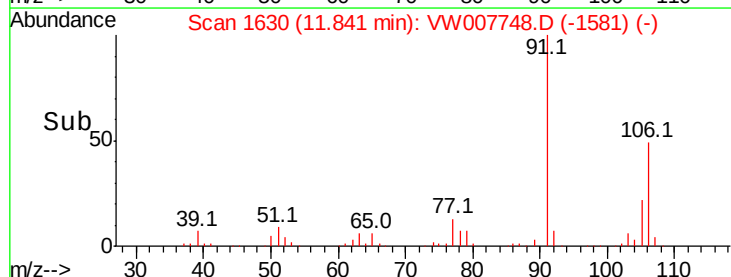
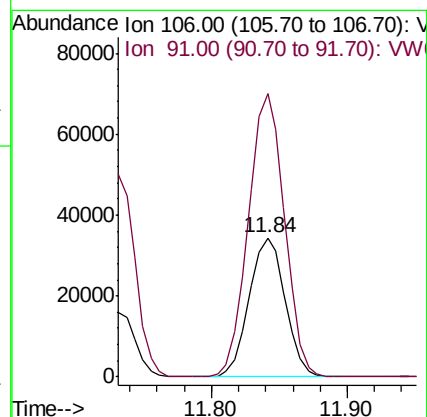
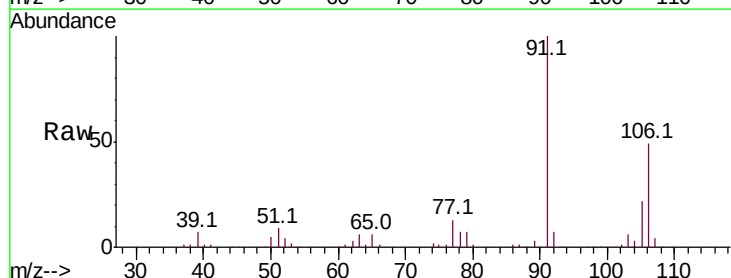
Acq: 20 Dec 2018 15:49

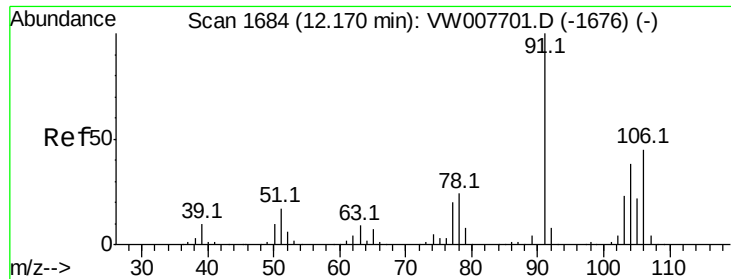
Tgt Ion: 106 Resp: 63788

Ion Ratio Lower Upper

106 100

91 204.9 165.2 247.8

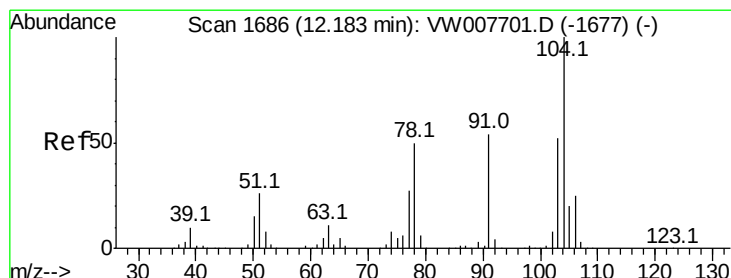
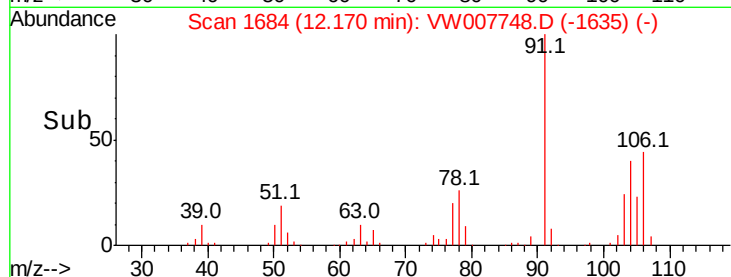
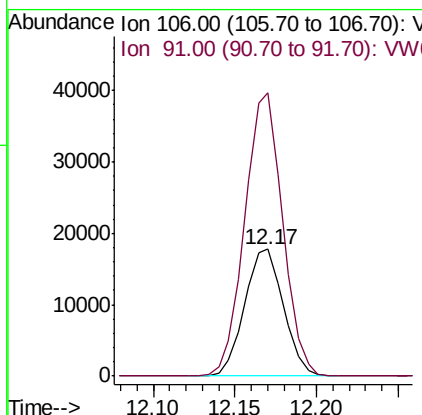
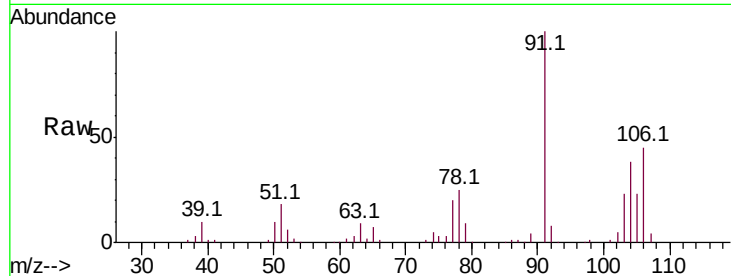




#69
o-Xylene
Concen: 21.556 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

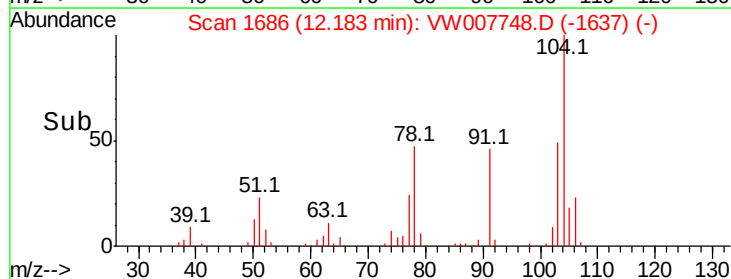
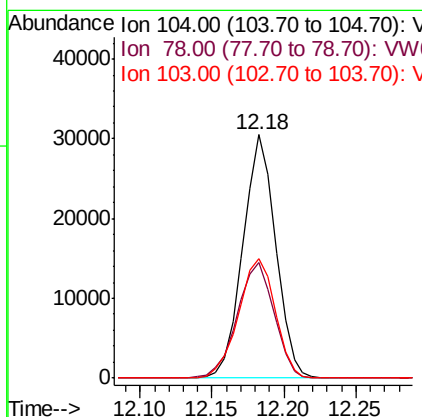
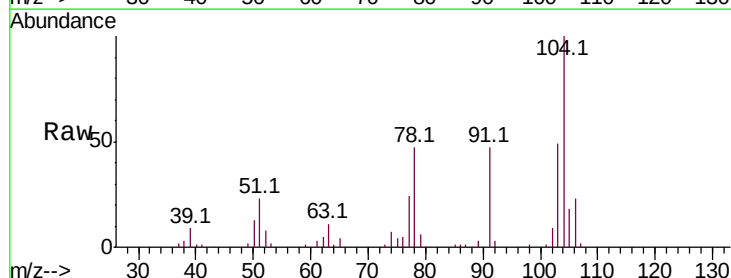
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

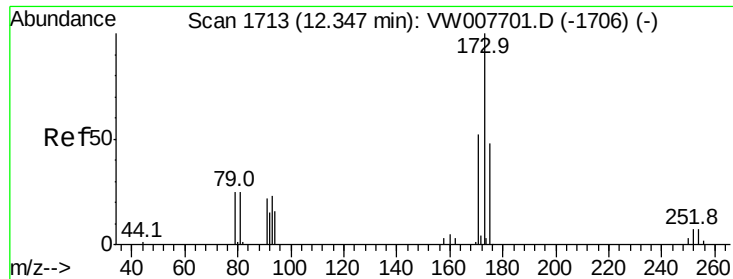
Tot Ion:106 Resp: 29471
Ion Ratio Lower Upper
106 100
91 217.6 110.5 331.4



#70
Styrene
Concen: 21.379 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion:104 Resp: 48048
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.0
103 55.3 44.5 66.7





#71

Bromoform

Concen: 18.773 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

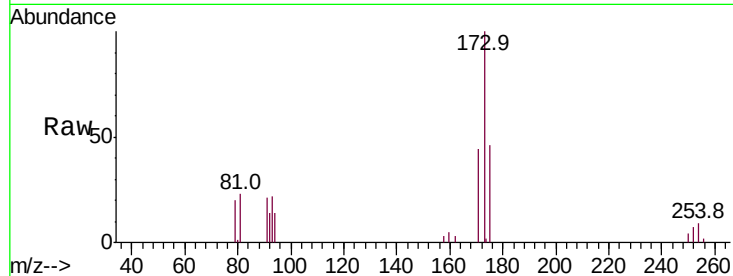
Tot Ion:173 Resp: 7630

Ion Ratio Lower Upper

173 100

175 47.3 23.9 71.7

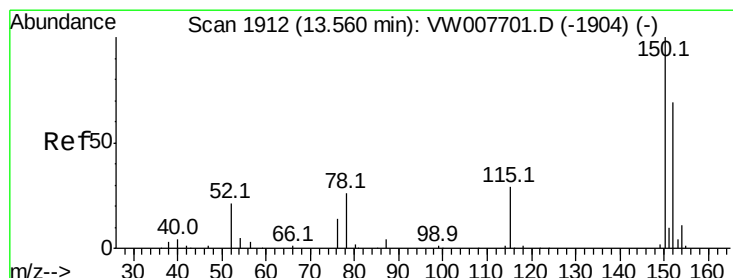
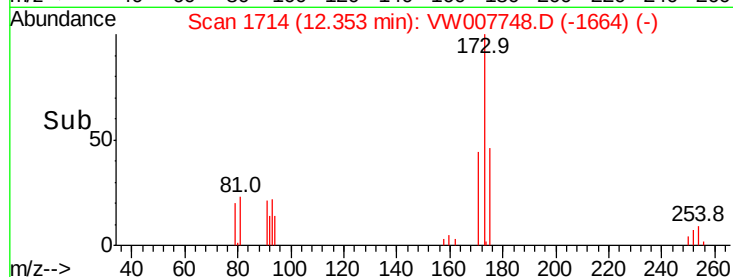
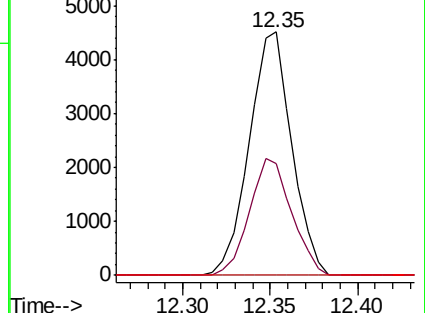
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

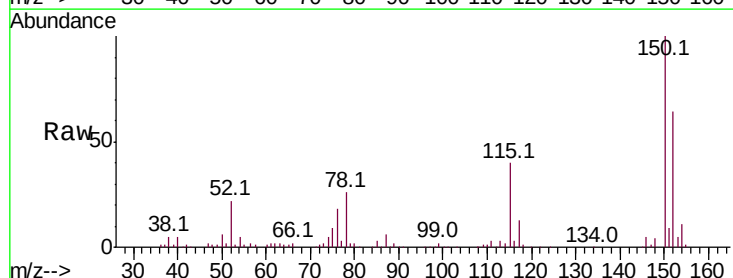
Tgt Ion:152 Resp: 52684

Ion Ratio Lower Upper

152 100

115 60.8 31.8 95.4

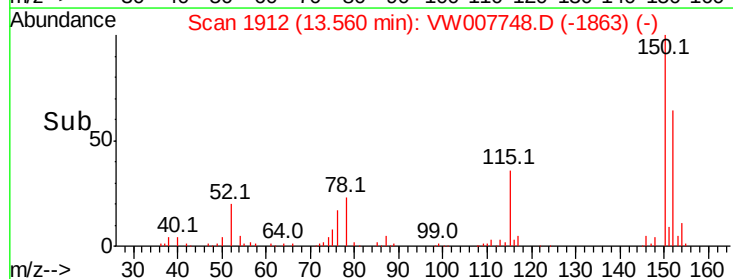
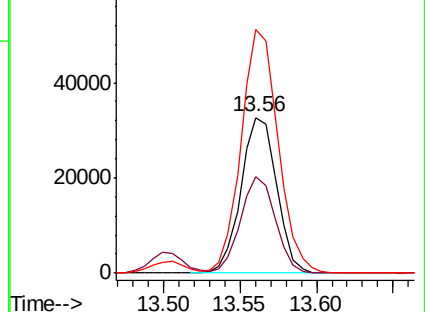
150 163.1 0.0 350.8

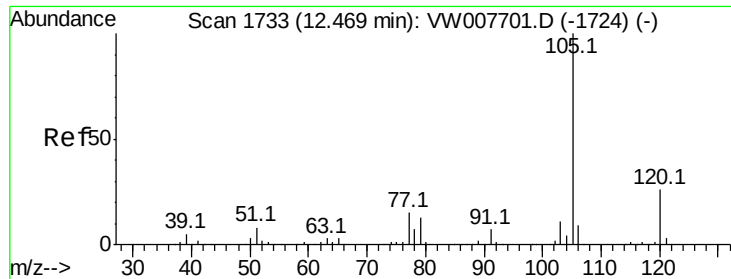


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.942 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

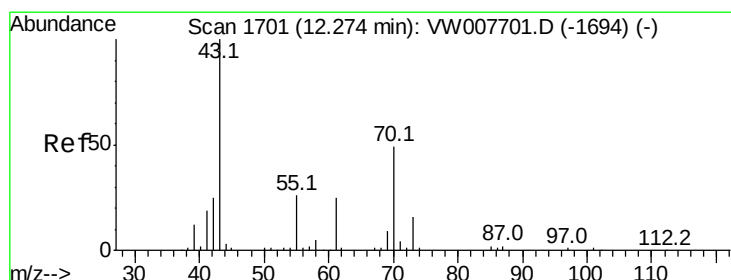
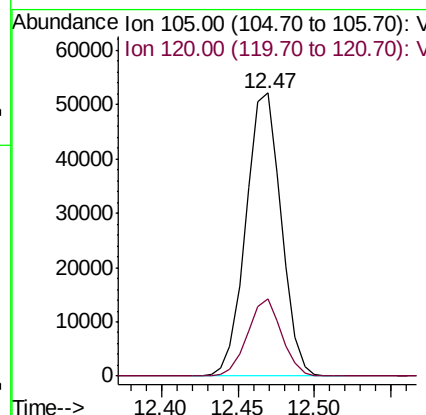
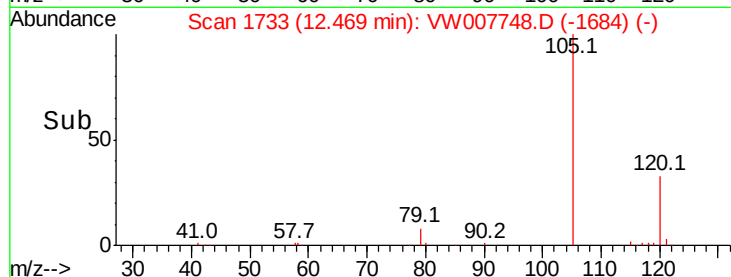
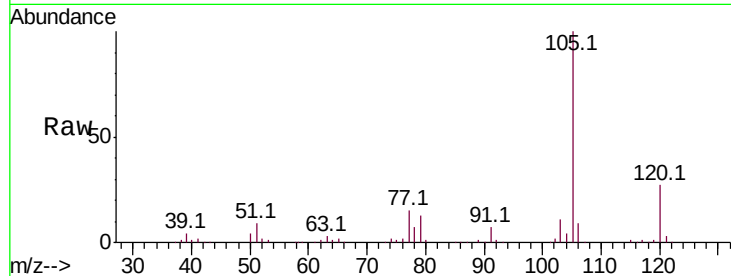
Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tot Ion:105 Resp: 83397

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3



#74

N-ethyl acetate

Concen: 17.775 ug/l

RT: 12.27 min Scan# 1701

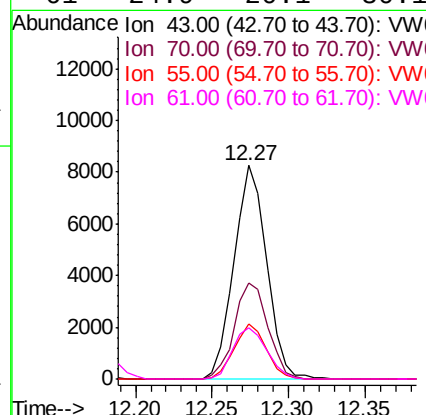
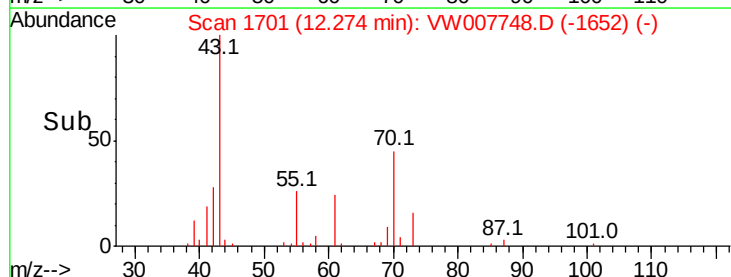
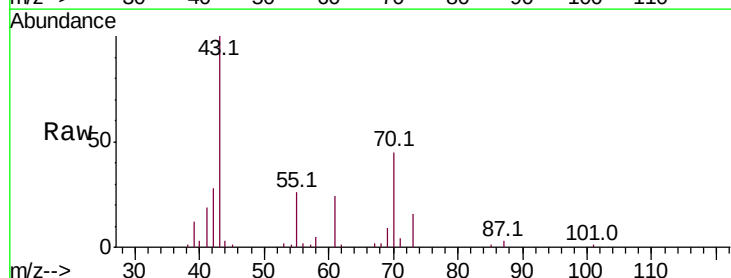
Delta R.T. -0.00 min

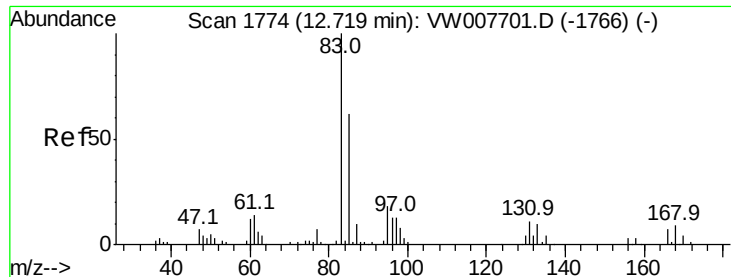
Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Tgt Ion: 43 Resp: 12261

Ion	Ratio	Lower	Upper
43	100		
70	45.8	37.6	56.4
55	25.1	21.7	32.5
61	24.9	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.711 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

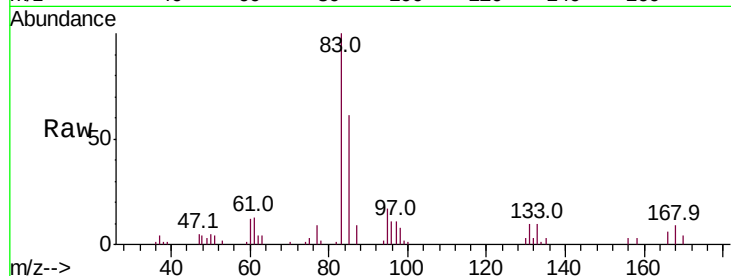
Tot Ion: 83 Resp: 11172

Ion Ratio Lower Upper

83 100

131 12.5 6.3 18.8

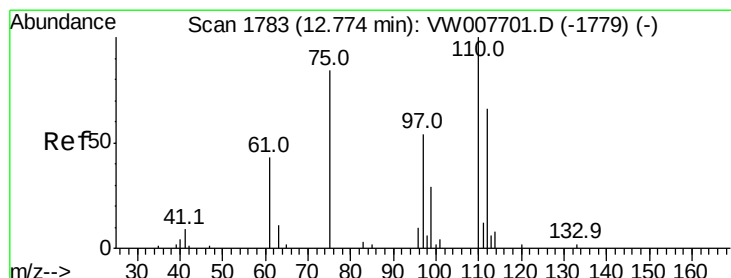
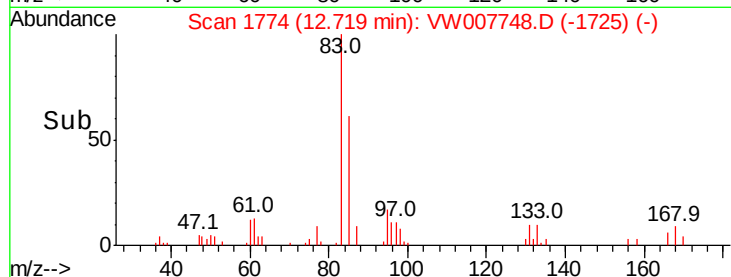
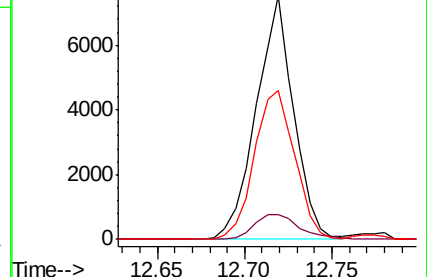
85 65.7 32.3 96.8



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: 38.824 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007748.D

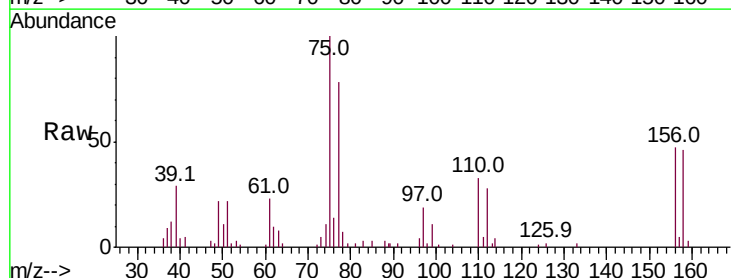
Acq: 20 Dec 2018 15:49

Tgt Ion: 75 Resp: 15809

Ion Ratio Lower Upper

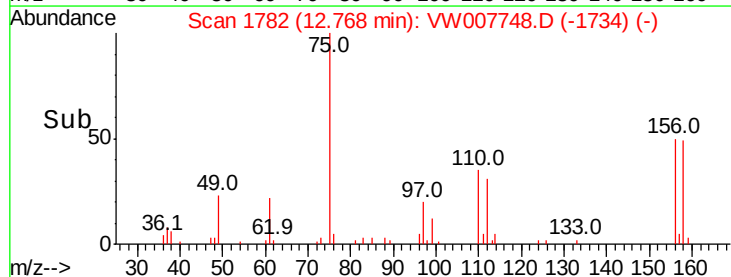
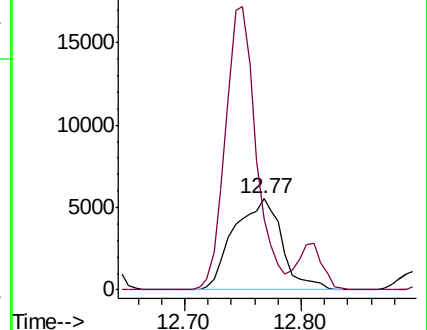
75 100

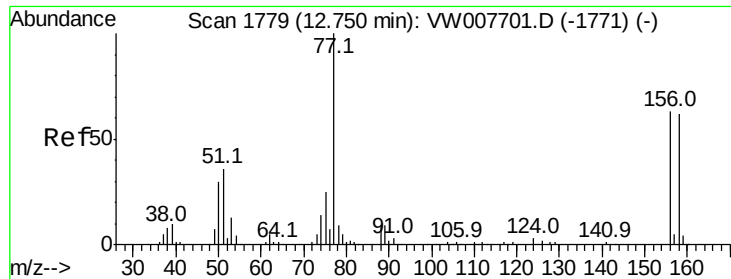
77 199.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.412 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

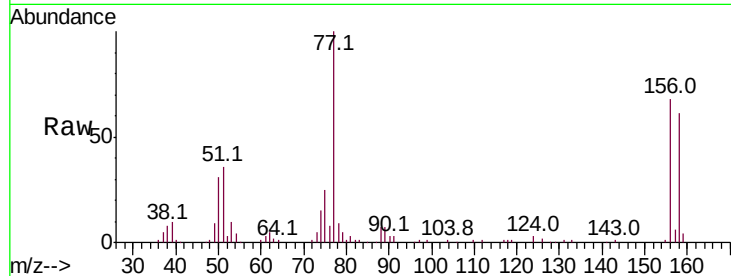
Tot Ion:156 Resp: 18629

Ion Ratio Lower Upper

156 100

77 169.3 87.4 262.1

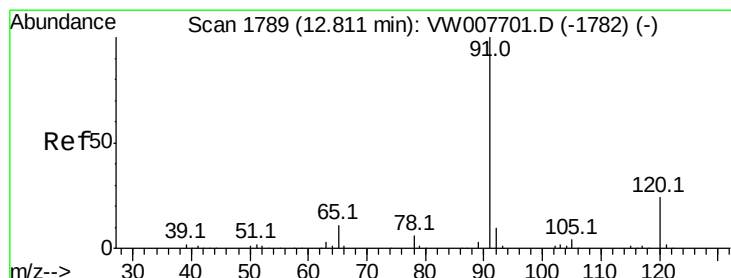
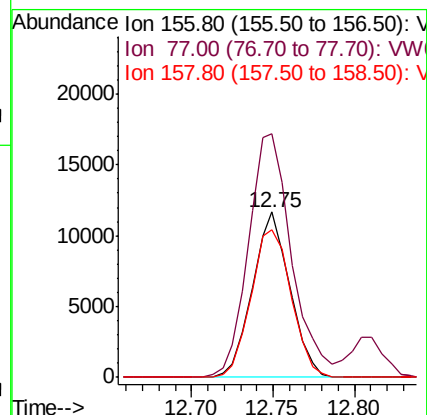
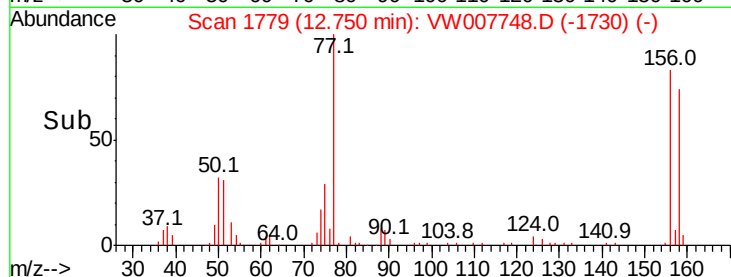
158 95.6 48.4 145.0



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: 21.481 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007748.D

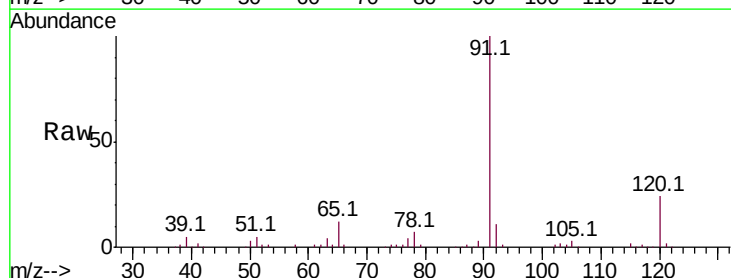
Acq: 20 Dec 2018 15:49

Tgt Ion: 91 Resp: 99577

Ion Ratio Lower Upper

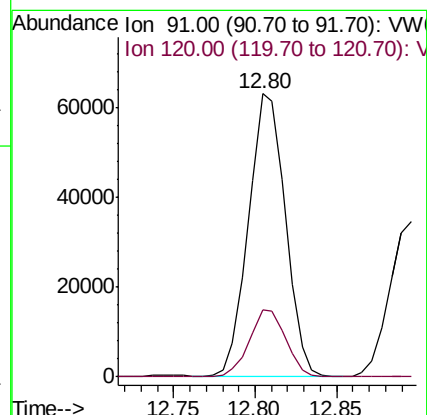
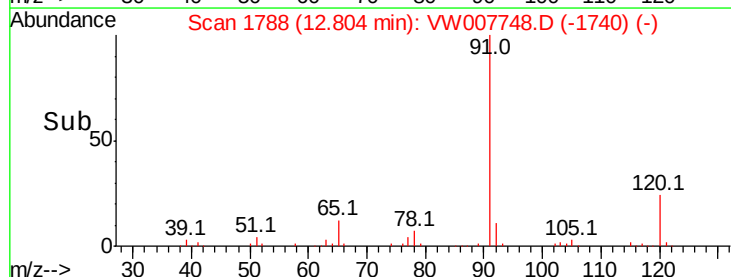
91 100

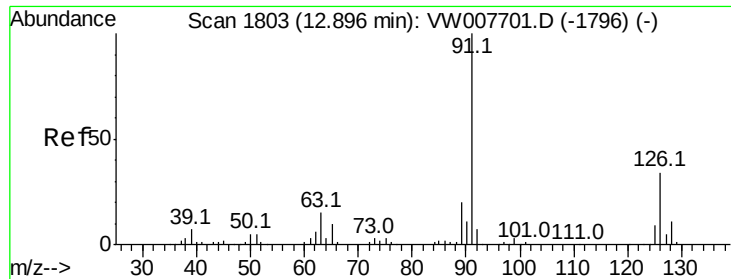
120 23.2 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

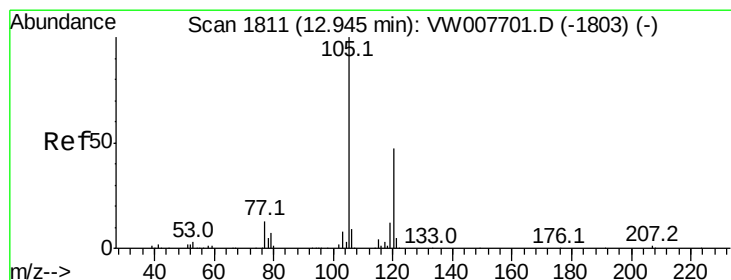
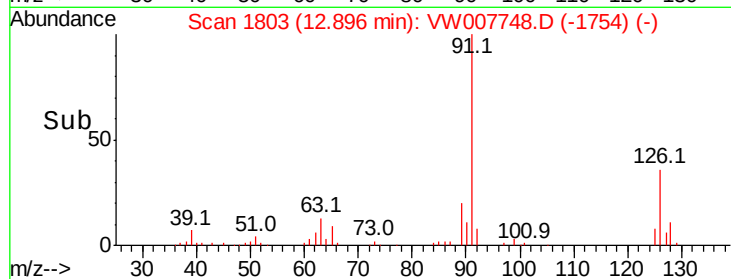
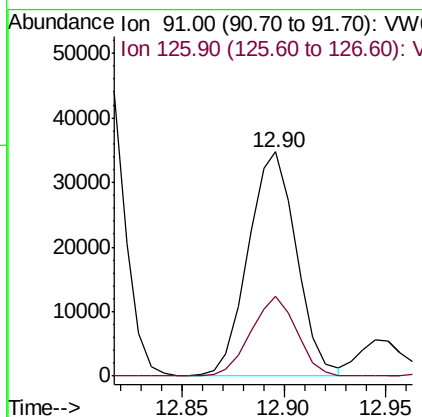
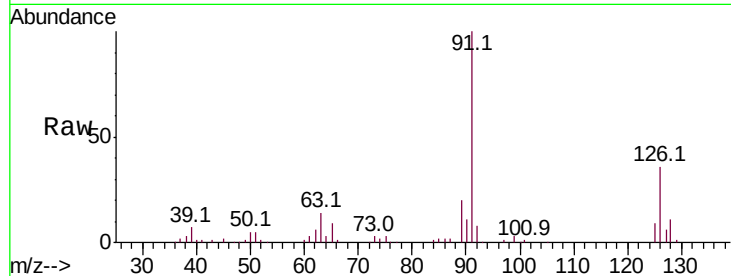




#79
2-Chlorotoluene
Concen: 21.112 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

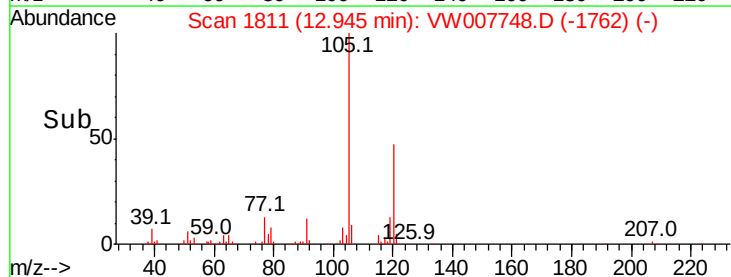
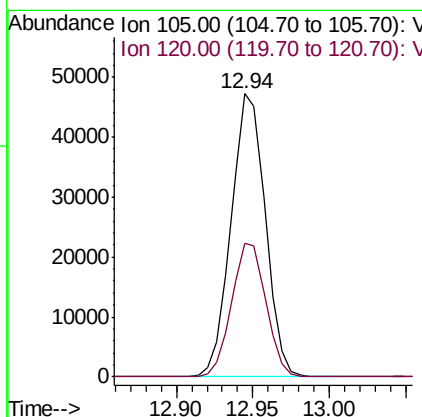
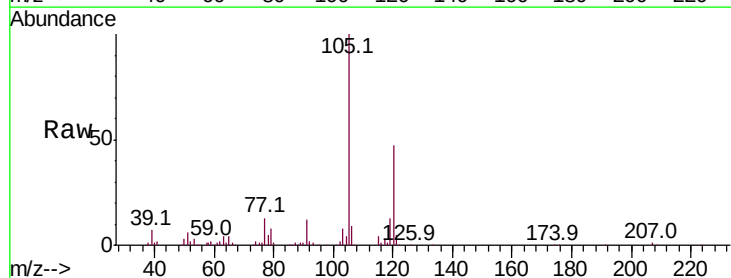
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

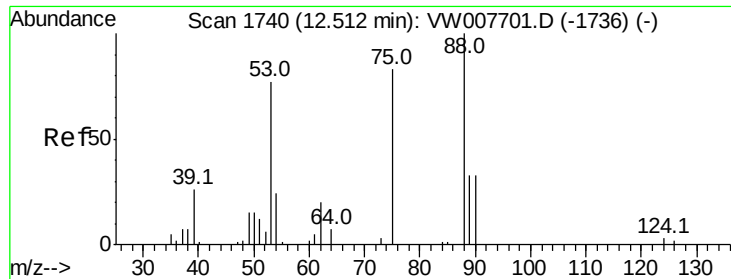
Tot Ion: 91 Resp: 57013
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.322 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion:105 Resp: 73243
Ion Ratio Lower Upper
105 100
120 47.3 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.511 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

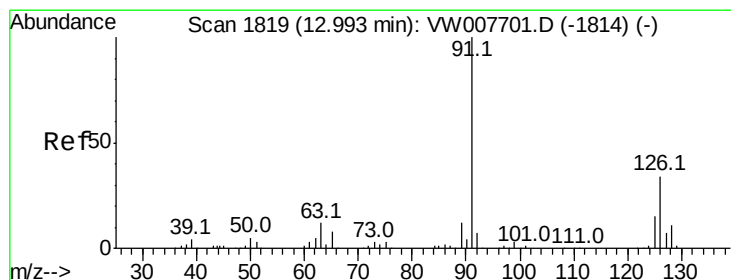
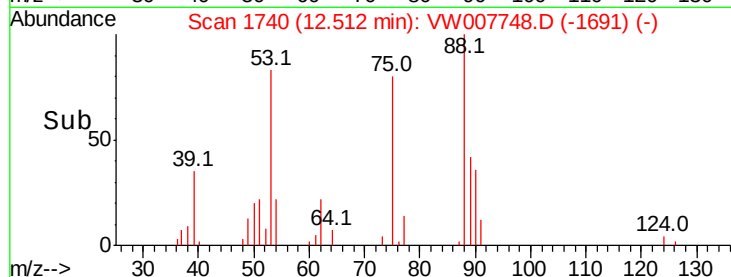
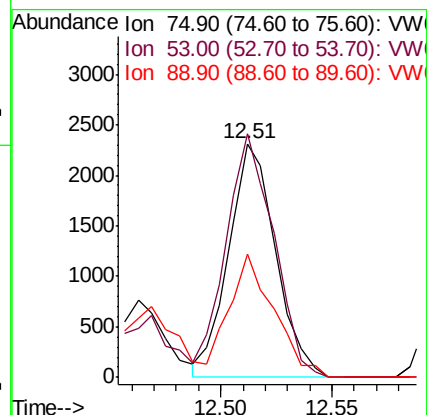
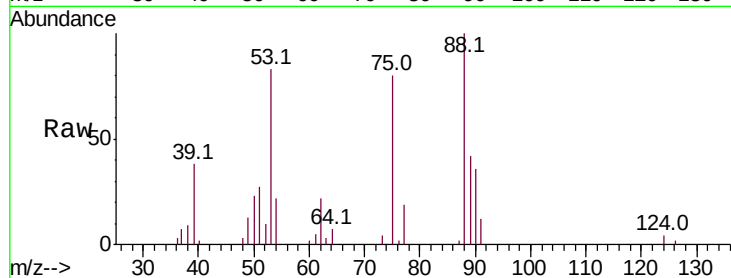
Tot Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

53 106.1 80.2 120.2

89 50.4 39.2 58.8



#82

4-Chlorotoluene

Concen: 21.214 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007748.D

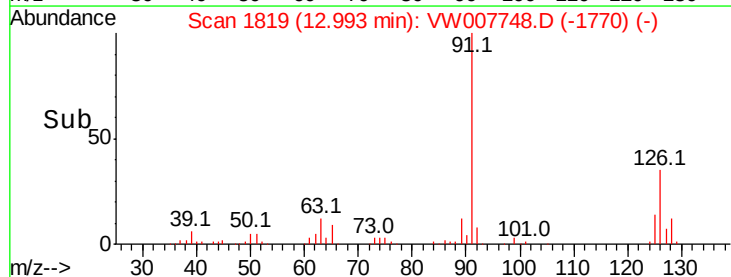
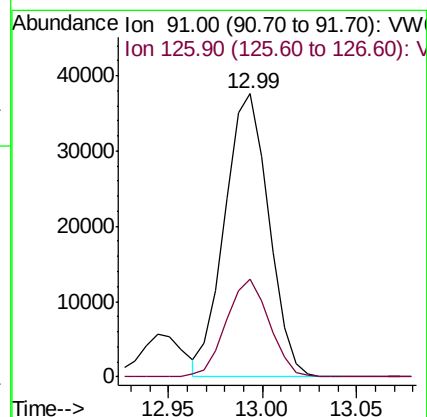
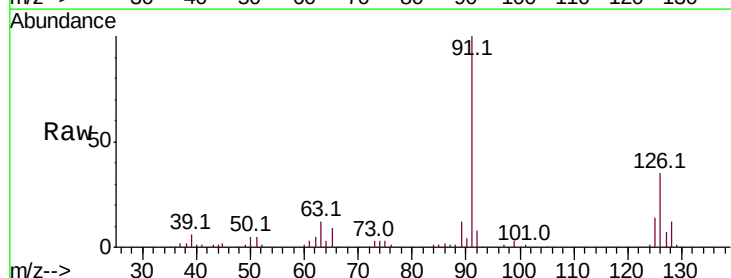
Acq: 20 Dec 2018 15:49

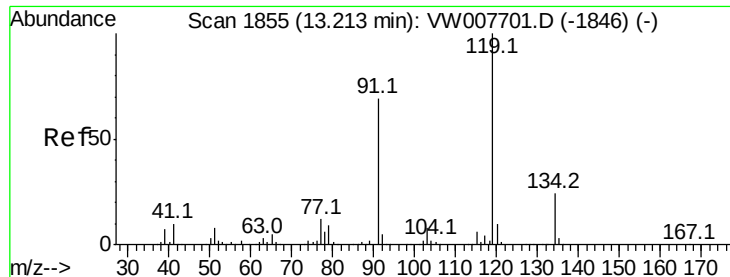
Tgt Ion: 91 Resp: 60998

Ion Ratio Lower Upper

91 100

126 33.8 16.5 49.5

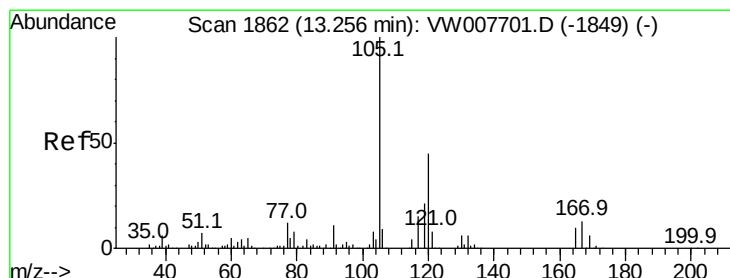
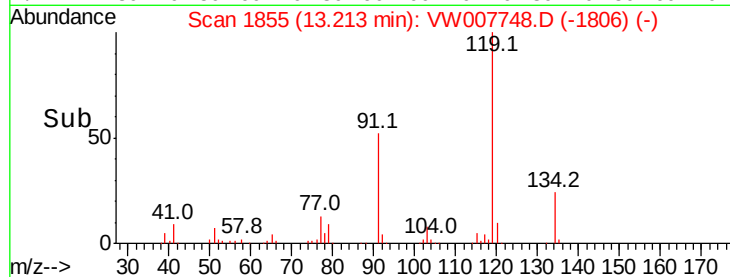
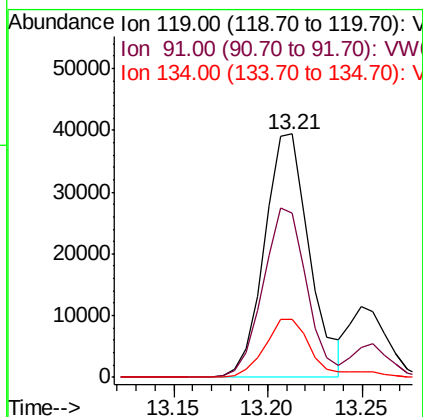
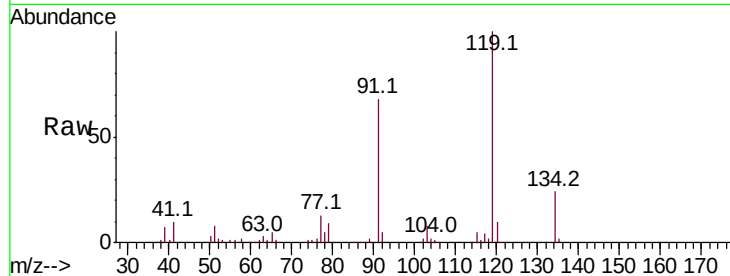




#83
tert-Butylbenzene
Concen: 21.712 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

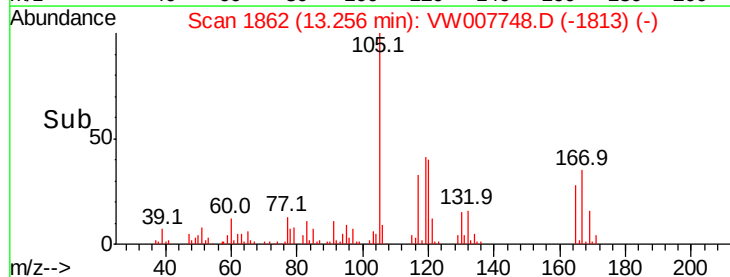
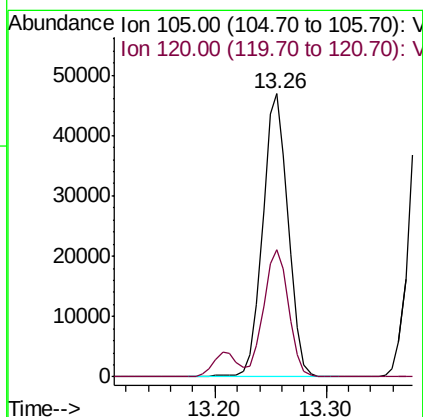
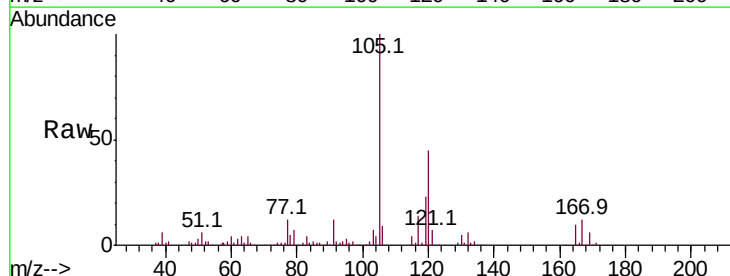
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

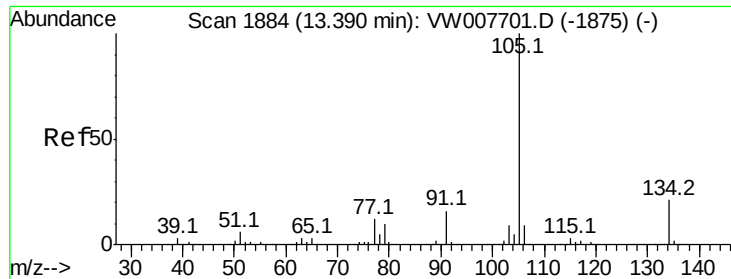
Tot Ion:119 Resp: 65439
Ion Ratio Lower Upper
119 100
91 67.6 34.2 102.5
134 25.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 21.531 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion:105 Resp: 74628
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0

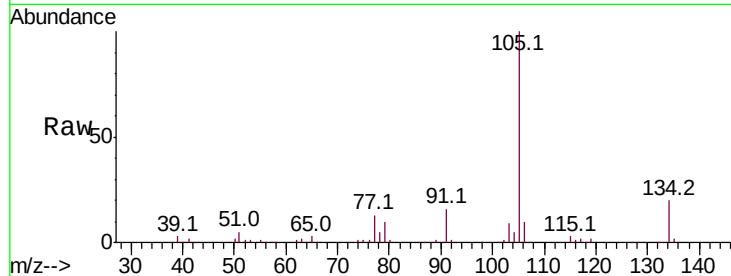




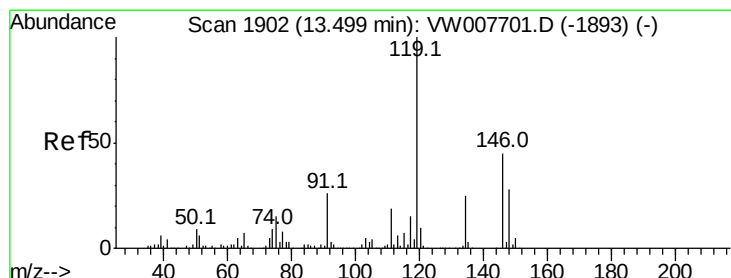
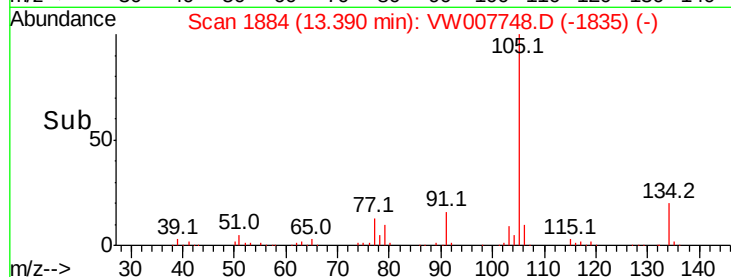
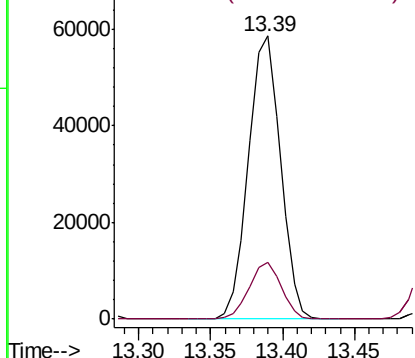
#85
 sec-Butylbenzene
 Concen: 21.726 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tot Ion:105 Resp: 90246
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

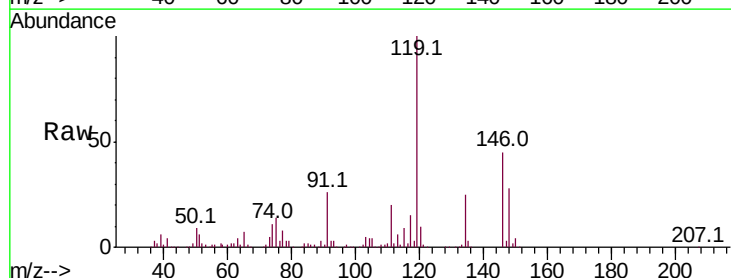


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

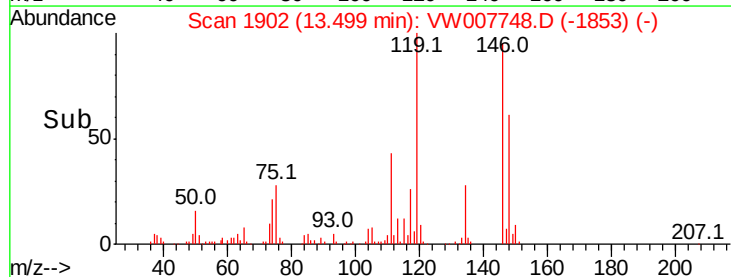
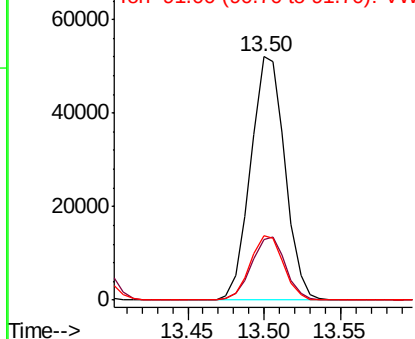


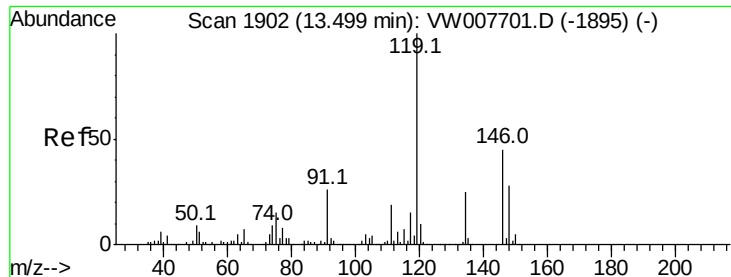
#86
 p-Isopropyltoluene
 Concen: 21.481 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007748.D
 Acq: 20 Dec 2018 15:49

Tgt Ion:119 Resp: 81137
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.9 12.8 38.4



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

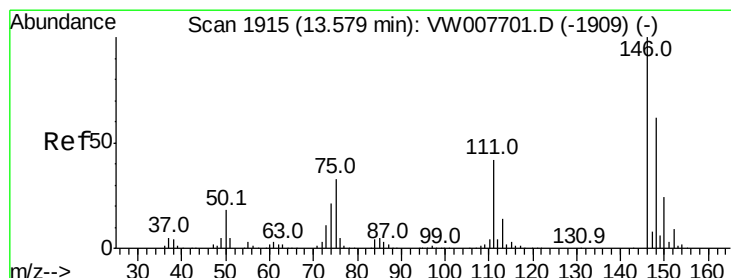
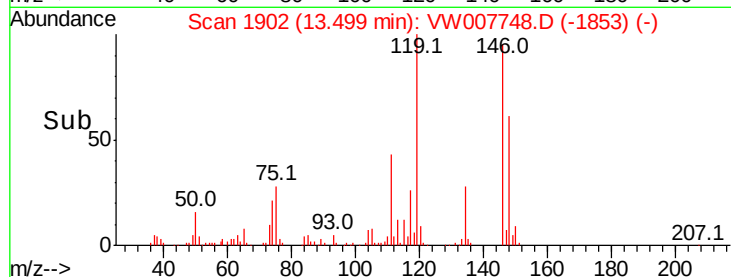
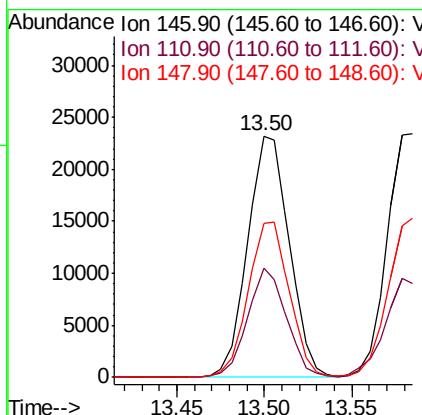
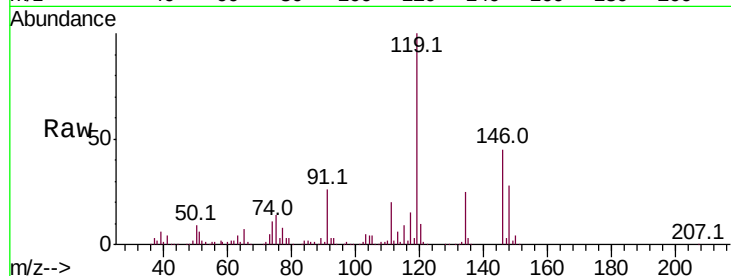




#87
1,3-Dichlorobenzene
Concen: 21.170 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

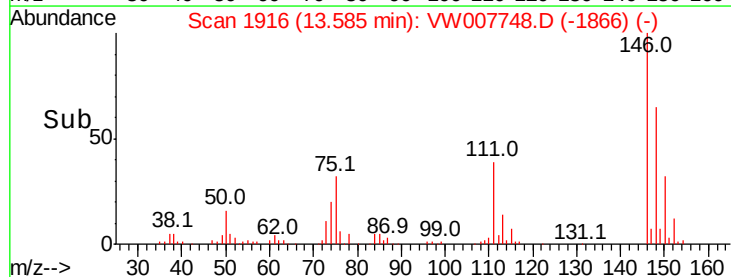
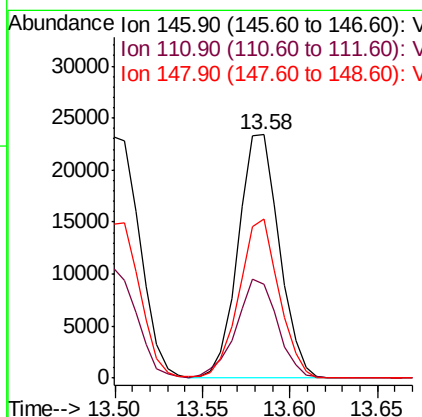
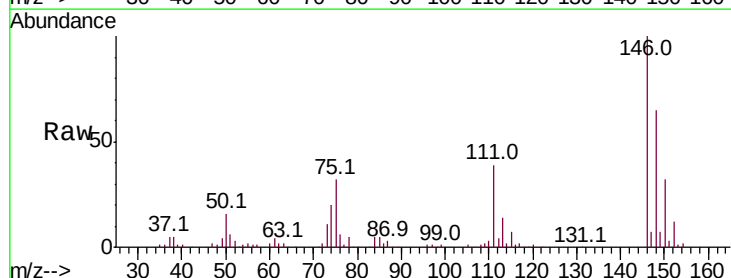
Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

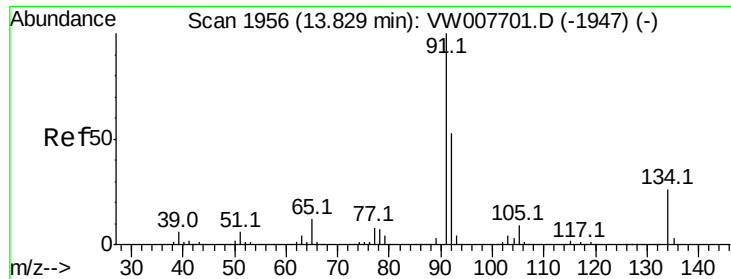
Tot Ion:146 Resp: 38361
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.4
148 63.4 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 21.085 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion:146 Resp: 38218
Ion Ratio Lower Upper
146 100
111 40.9 21.0 63.0
148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 21.847 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampled :

VW1222SBS01

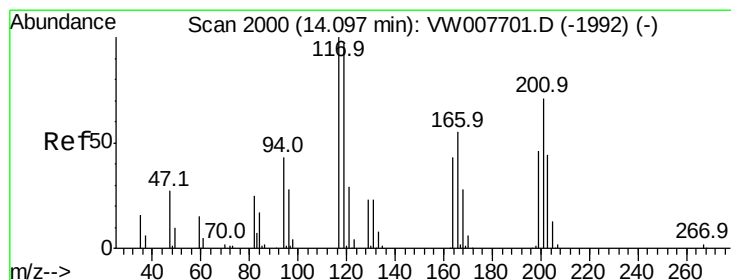
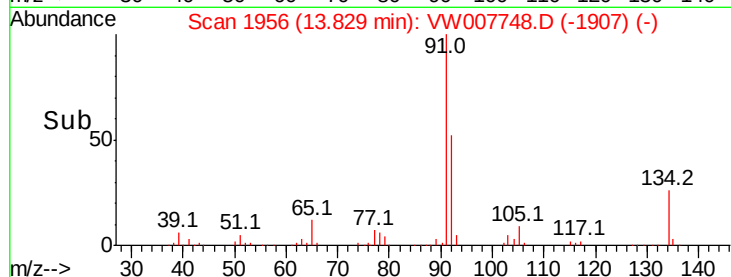
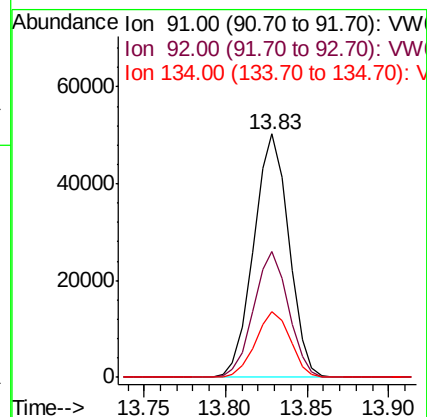
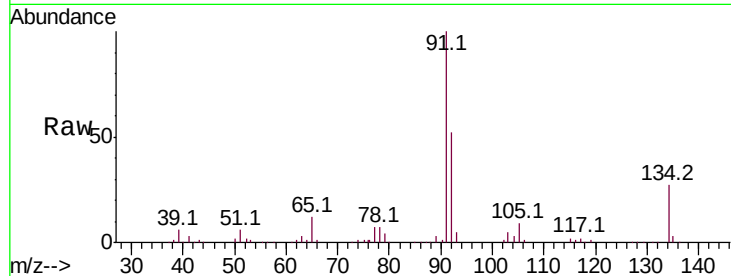
Tot Ion: 91 Resp: 75661

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 26.8 13.7 41.0



#90

Hexachloroethane

Concen: 21.254 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007748.D

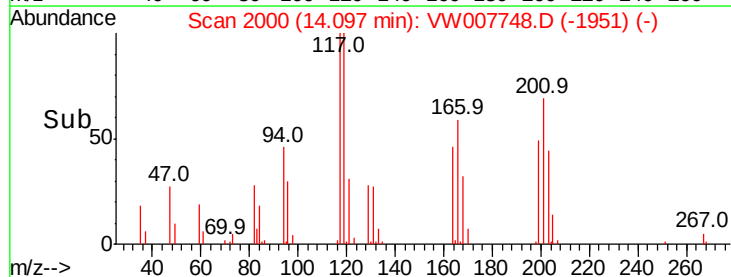
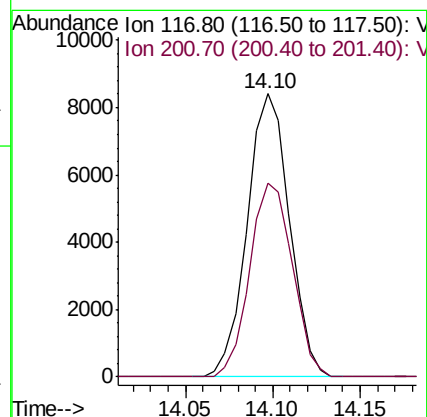
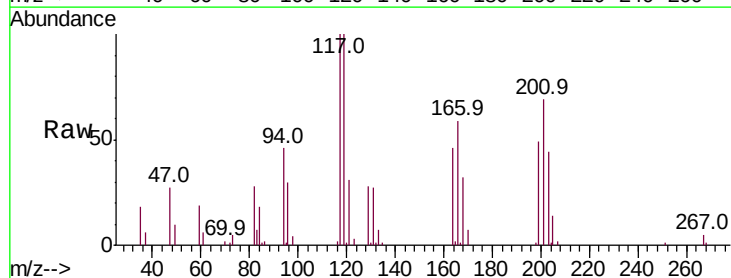
Acq: 20 Dec 2018 15:49

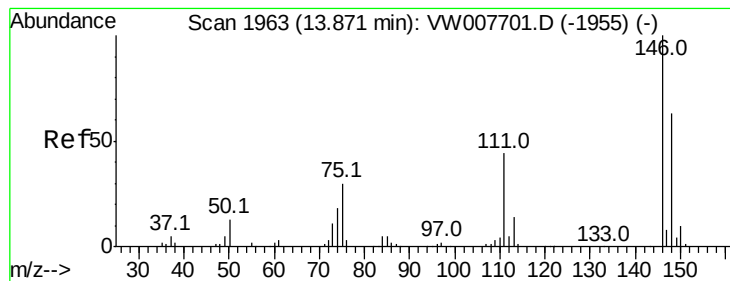
Tgt Ion: 117 Resp: 14094

Ion Ratio Lower Upper

117 100

201 69.3 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 20.414 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

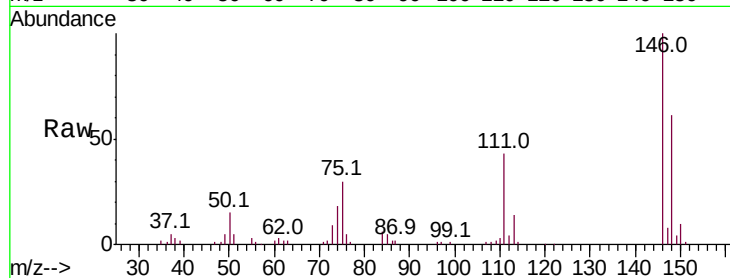
Tot Ion:146 Resp: 33120

Ion Ratio Lower Upper

146 100

111 44.0 21.7 65.1

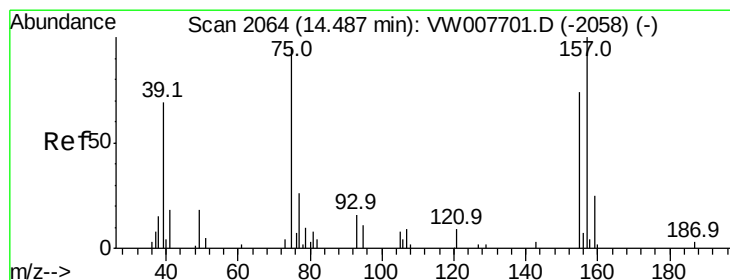
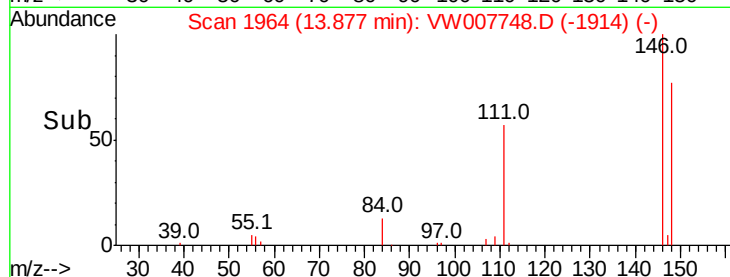
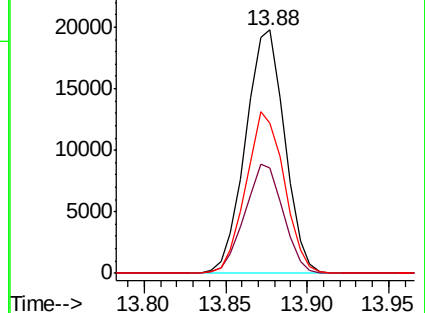
148 64.8 32.1 96.5



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: 17.045 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

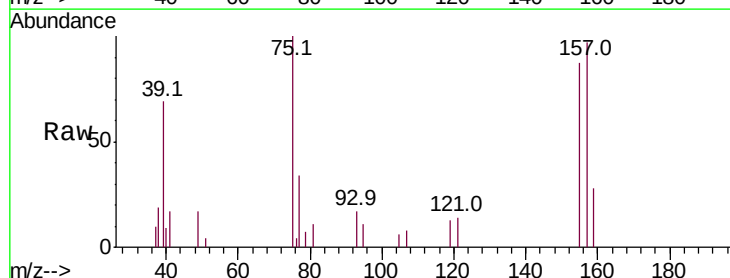
Tgt Ion: 75 Resp: 2090

Ion Ratio Lower Upper

75 100

155 87.7 39.4 118.1

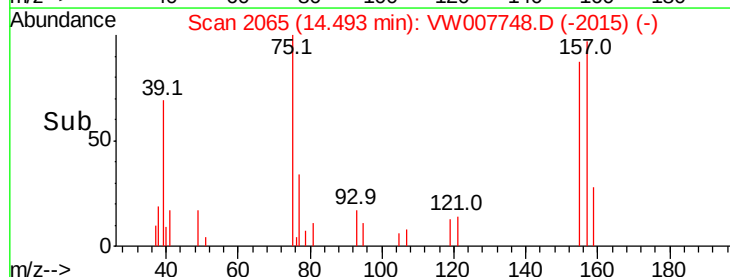
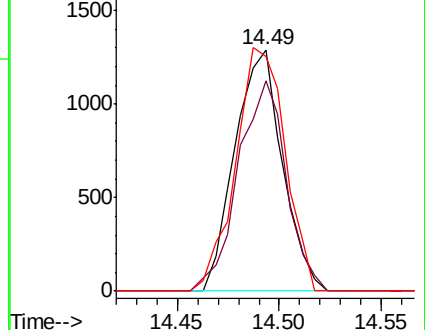
157 104.8 52.0 156.0

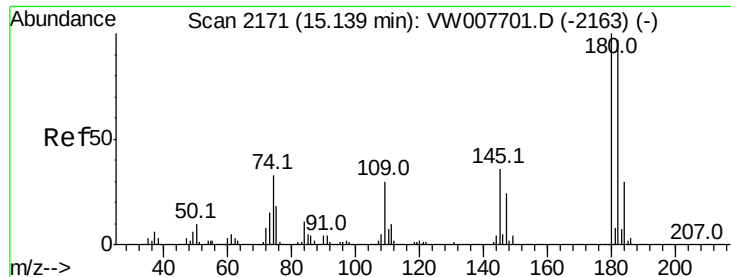


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.281 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

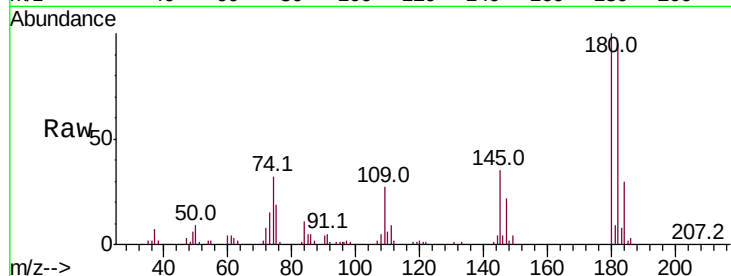
Tot Ion:180 Resp: 22840

Ion Ratio Lower Upper

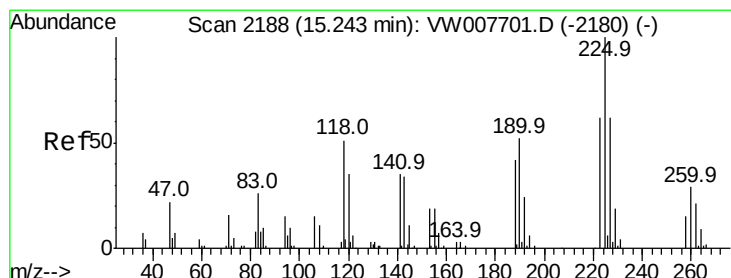
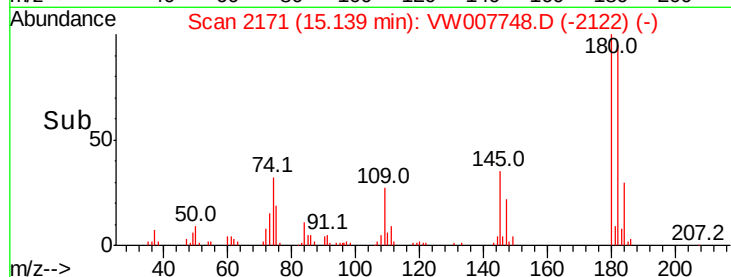
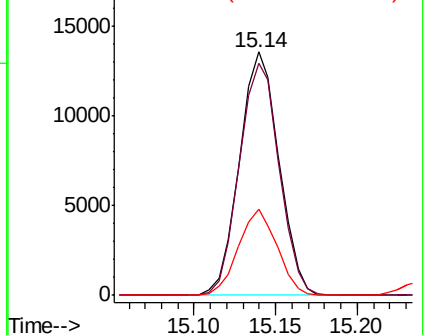
180 100

182 96.0 47.5 142.6

145 34.6 17.5 52.5



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: 21.494 ug/l

RT: 15.24 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VW007748.D

Acq: 20 Dec 2018 15:49

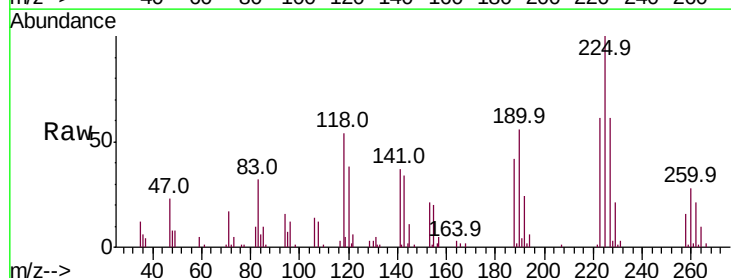
Tgt Ion:225 Resp: 12936

Ion Ratio Lower Upper

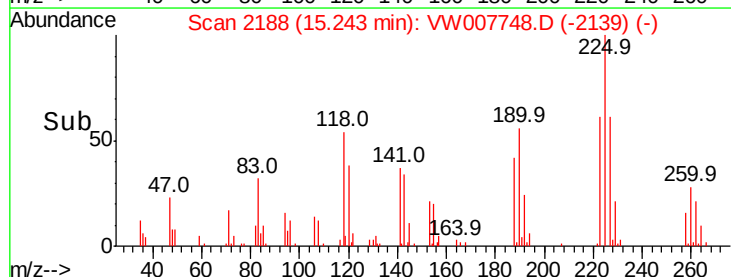
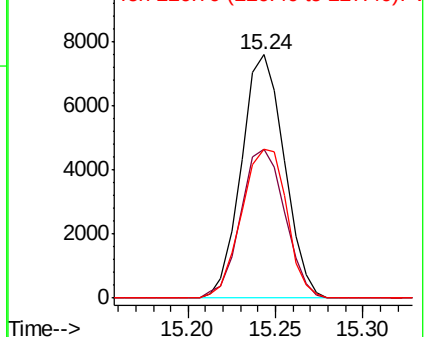
225 100

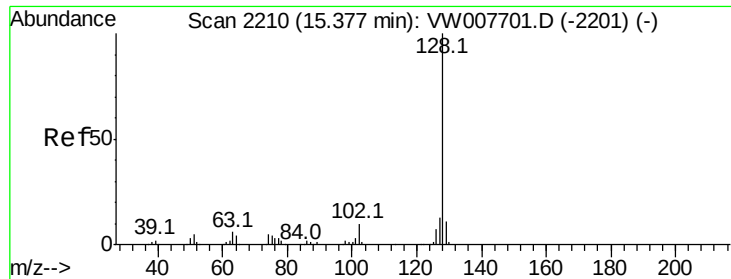
223 63.2 31.6 94.8

227 64.6 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

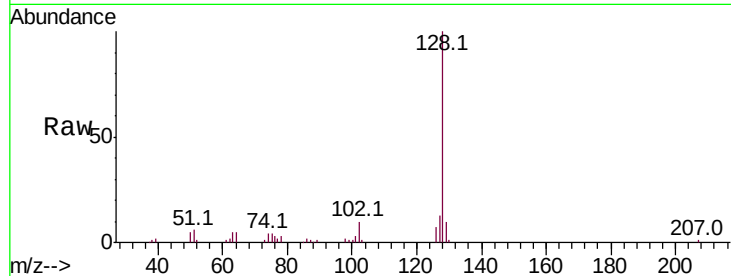




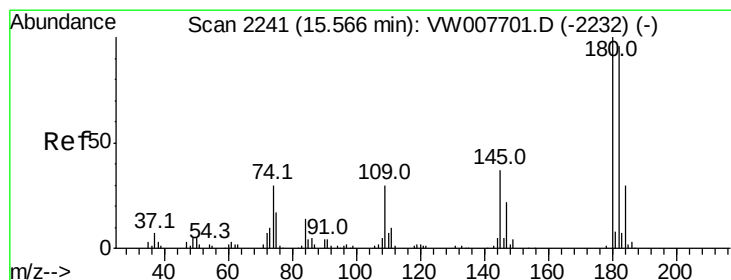
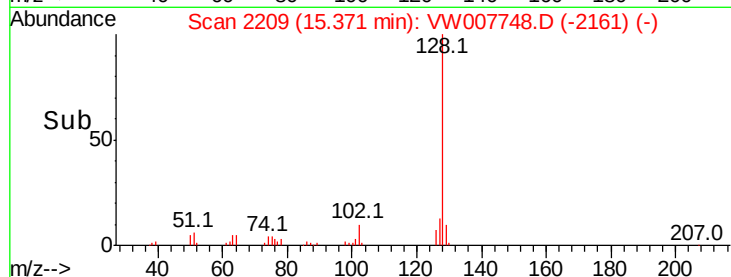
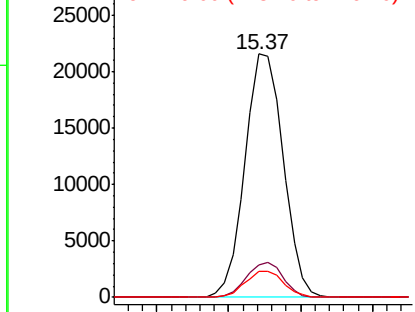
#95
Naphthalene
Concen: 19.064 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tot Ion:128 Resp: 39693
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.6 8.8 13.2

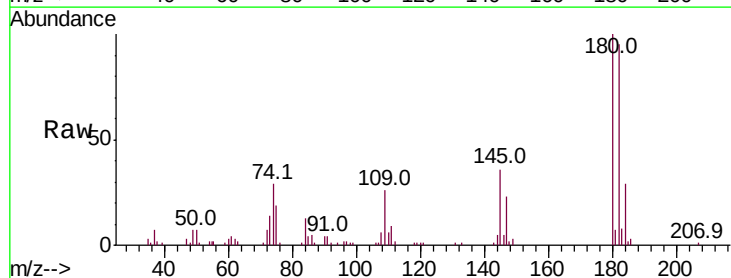


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.222 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007748.D
Acq: 20 Dec 2018 15:49

Tgt Ion:180 Resp: 19494
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 36.0 18.4 55.0



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

