

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007258.D
 Acq On : 06 Dec 2018 04:57
 Operator : SY/AP
 Sample : VW1205SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

Quant Time: Dec 06 06:27:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	50149	59.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.78%	
35) Dibromofluoromethane	7.88	113	47004	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
50) Toluene-d8	10.33	98	199237	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.62	95	72100	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	20715	21.053	ug/l	98
3) Chloromethane	2.21	50	24940	20.015	ug/l	98
4) Vinyl Chloride	2.36	62	15722	20.152	ug/l	94
5) Bromomethane	2.75	94	10181	26.042	ug/l	89
6) Chloroethane	2.90	64	9103	20.795	ug/l	98
7) Trichlorofluoromethane	3.26	101	31676	20.825	ug/l	100
8) Diethyl Ether	3.68	74	9747	22.989	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18211	19.819	ug/l	99
10) Methyl Iodide	4.27	142	16514	21.098	ug/l	98
11) Tert butyl alcohol	5.15	59	9898	113.507	ug/l	96
12) 1,1-Dichloroethene	4.04	96	17161	19.929	ug/l	95
13) Acrolein	3.90	56	5948	101.379	ug/l	93
14) Allyl chloride	4.67	41	27722	20.085	ug/l	96
15) Acrylonitrile	5.37	53	19726	111.292	ug/l	100
16) Acetone	4.12	43	16328	82.372	ug/l	97
17) Carbon Disulfide	4.38	76	54049	19.042	ug/l	100
18) Methyl Acetate	4.67	43	10510	23.228	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	46090	22.734	ug/l	99
20) Methylene Chloride	4.92	84	24498	21.576	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	20460	21.279	ug/l	99
22) Diisopropyl ether	6.32	45	54508	21.999	ug/l	98
23) Vinyl Acetate	6.26	43	145525	107.638	ug/l	98
24) 1,1-Dichloroethane	6.22	63	34777	21.899	ug/l	98
25) 2-Butanone	7.17	43	22581	98.272	ug/l	98
26) 2,2-Dichloropropane	7.17	77	29481	19.317	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	23215	22.523	ug/l	99
28) Bromochloromethane	7.52	49	13282	23.194	ug/l	100
29) Tetrahydrofuran	7.53	42	14868	104.708	ug/l	99
30) Chloroform	7.68	83	36609	22.181	ug/l	96
31) Cyclohexane	7.95	56	31286	18.829	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	33769	21.741	ug/l	100
36) 1,1-Dichloropropene	8.09	75	28940	20.041	ug/l	98
37) Ethyl Acetate	7.26	43	10887	20.842	ug/l	97
38) Carbon Tetrachloride	8.07	117	28309	19.207	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35055	18.134	ug/l	95
40) Benzene	8.32	78	80819	20.410	ug/l	99
41) Methacrylonitrile	7.48	41	7005	22.389	ug/l	96
42) 1,2-Dichloroethane	8.40	62	24163	21.834	ug/l	99
43) Isopropyl Acetate	8.43	43	20676	20.380	ug/l	99
44) Trichloroethene	9.09	130	22853	20.531	ug/l	98
45) 1,2-Dichloropropane	9.37	63	19574	21.242	ug/l	94
46) Dibromomethane	9.46	93	10546	22.025	ug/l	97
47) Bromodichloromethane	9.65	83	27285	21.663	ug/l	99
48) Methyl methacrylate	9.44	41	10261	19.487	ug/l	95
49) 1,4-Dioxane	9.45	88	3734	446.402	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	49955	99.918	ug/l	100
52) Toluene	10.39	92	56867	20.645	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25192	19.894	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	30178	20.335	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	14733	21.631	ug/l	93
56) Ethyl methacrylate	10.65	69	17921	20.171	ug/l	95
57) 1,3-Dichloropropane	10.93	76	24496	21.303	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	43278	121.275	ug/l	99
59) 2-Hexanone	10.97	43	31800	87.741	ug/l	97
60) Dibromochloromethane	11.13	129	17952	21.445	ug/l	97
61) 1,2-Dibromoethane	11.24	107	13442	20.577	ug/l	100
64) Tetrachloroethene	10.87	164	20749	20.666	ug/l	91
65) Chlorobenzene	11.66	112	62283	20.293	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	20159	21.268	ug/l	99
67) Ethyl Benzene	11.74	91	108488	19.394	ug/l	98
68) m/p-Xylenes	11.84	106	85814	39.105	ug/l	98
69) o-Xylene	12.17	106	42379	20.670	ug/l	97
70) Styrene	12.18	104	67914	20.235	ug/l	99
71) Bromoform	12.35	173	9642	20.321	ug/l #	97
73) Isopropylbenzene	12.47	105	112076	20.209	ug/l	98
74) N-amyl acetate	12.27	43	19215	19.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	14897	20.683	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	21079	39.923	ug/l #	100
77) Bromobenzene	12.75	156	25594	21.380	ug/l	95
78) n-propylbenzene	12.81	91	131065	19.836	ug/l	95
79) 2-Chlorotoluene	12.90	91	75527	20.242	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	91102	19.202	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4614	18.835	ug/l	95
82) 4-Chlorotoluene	12.99	91	82394	20.758	ug/l	95
83) tert-Butylbenzene	13.21	119	83214	20.070	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	94081	19.426	ug/l	99
85) sec-Butylbenzene	13.39	105	113861	19.236	ug/l	98
86) p-Isopropyltoluene	13.51	119	105142	19.954	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	48732	19.830	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	48116	19.383	ug/l	97
89) n-Butylbenzene	13.83	91	90168	18.312	ug/l	99
90) Hexachloroethane	14.10	117	16009	19.938	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	44284	20.815	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2926	20.971	ug/l	88

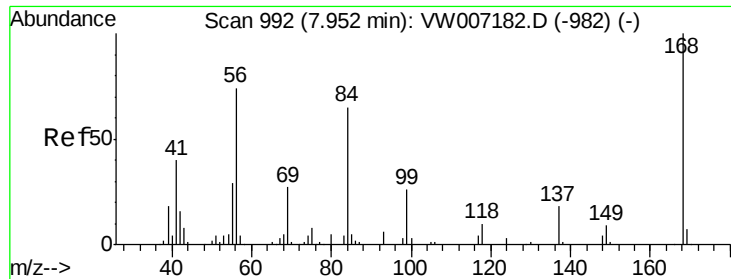
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27692	18.782	ug/l	98
94) Hexachlorobutadiene	15.24	225	15219	19.142	ug/l	99
95) Naphthalene	15.37	128	50991	19.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23780	19.128	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

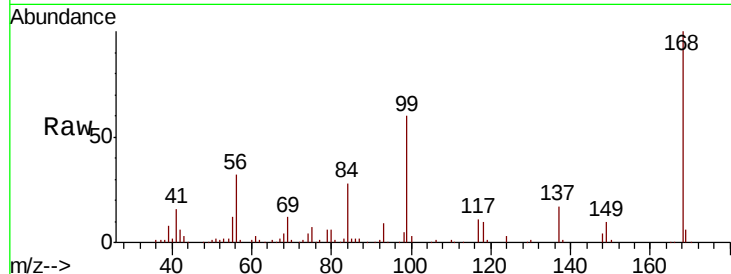
VW1205SBSD02

Tot Ion:168 Resp: 89934

Ion Ratio Lower Upper

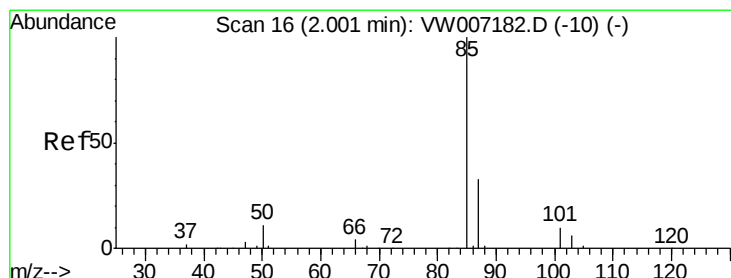
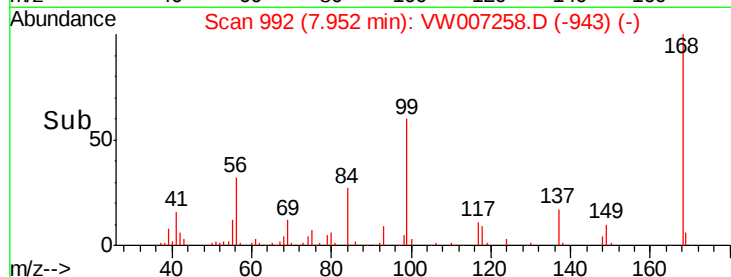
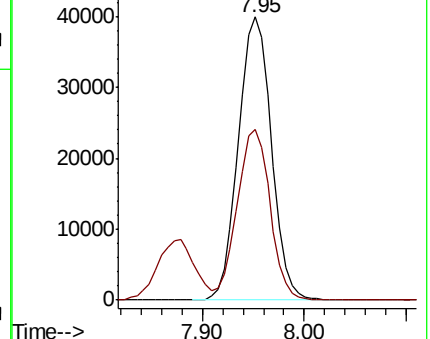
168 100

99 60.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.053 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007258.D

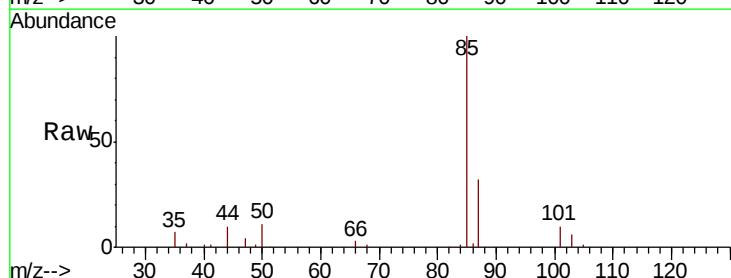
Acq: 06 Dec 2018 04:57

Tgt Ion: 85 Resp: 20715

Ion Ratio Lower Upper

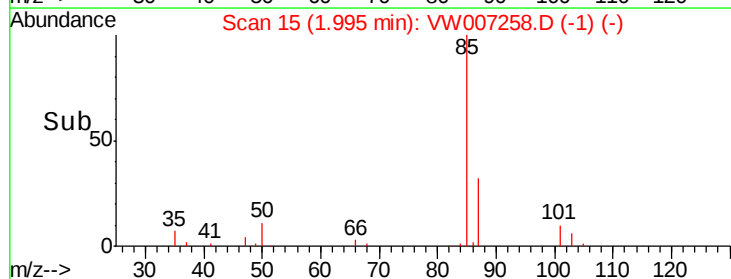
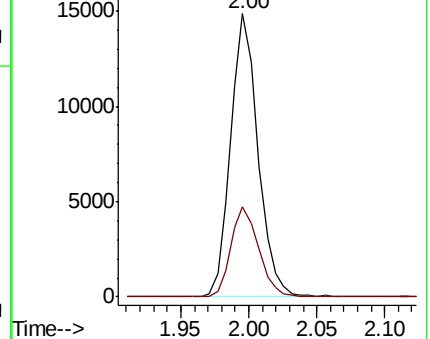
85 100

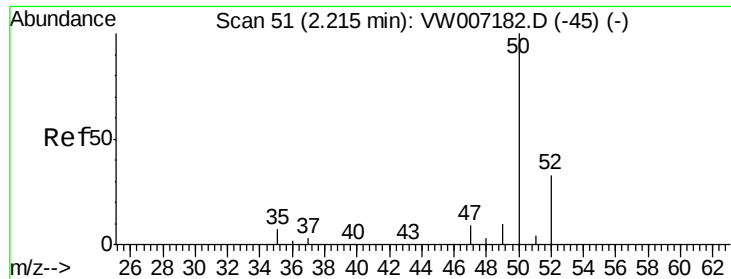
87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.015 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

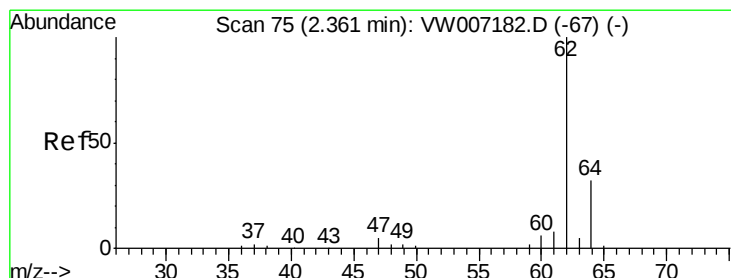
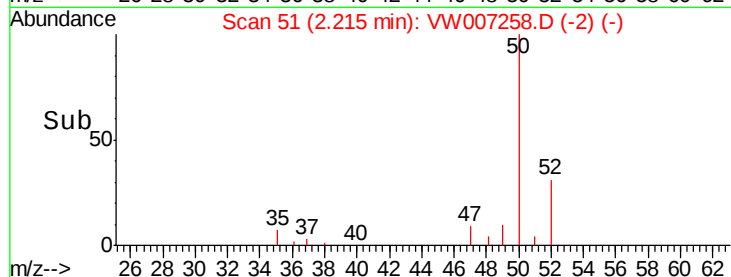
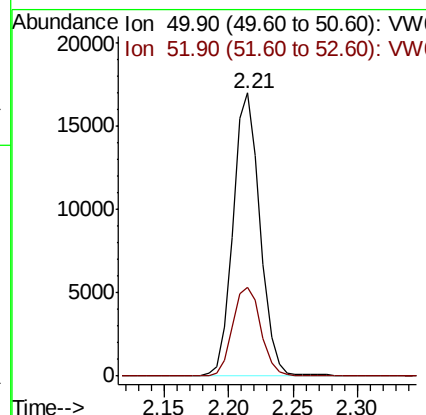
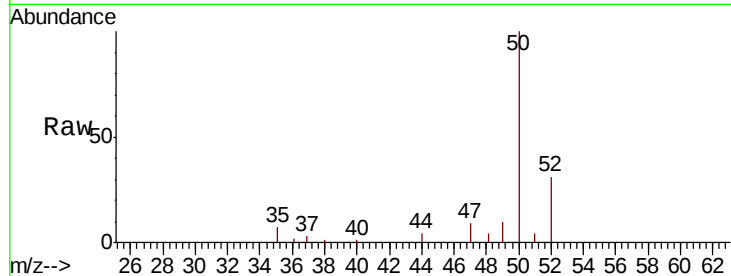
VW1205SBSD02

Tot Ion: 50 Resp: 24940

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.2



#4

Vinyl Chloride

Concen: 20.152 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007258.D

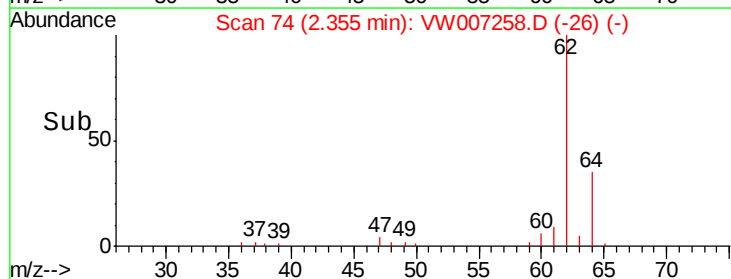
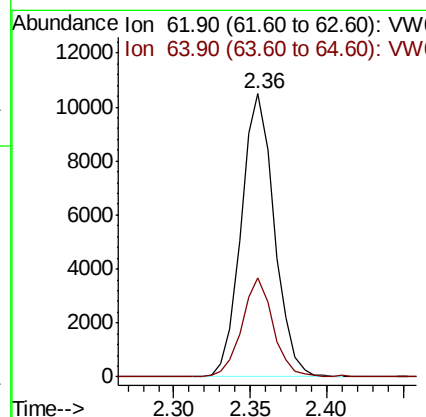
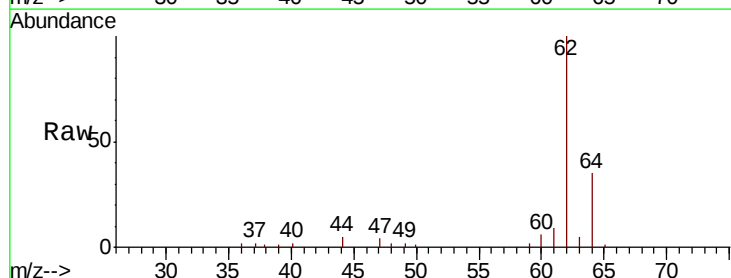
Acq: 06 Dec 2018 04:57

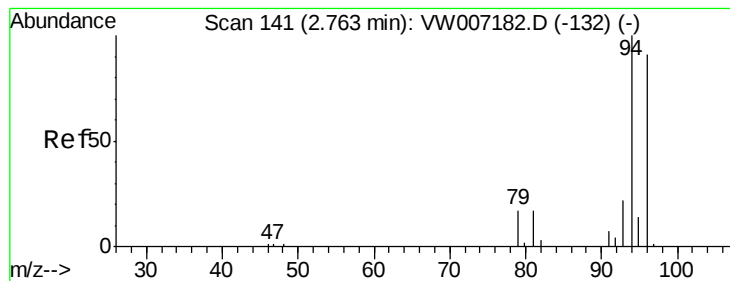
Tgt Ion: 62 Resp: 15722

Ion Ratio Lower Upper

62 100

64 35.2 25.3 37.9





#5

Bromomethane

Concen: 26.042 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

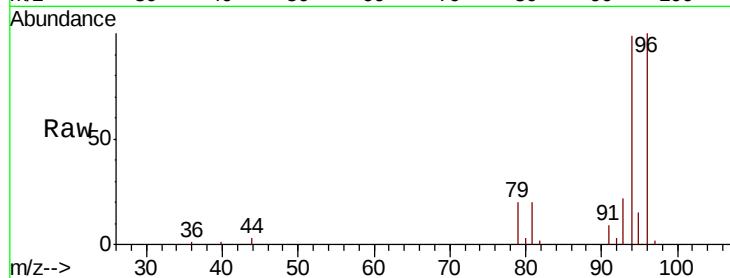
VW1205SBSD02

Tot Ion: 94 Resp: 10181

Ion Ratio Lower Upper

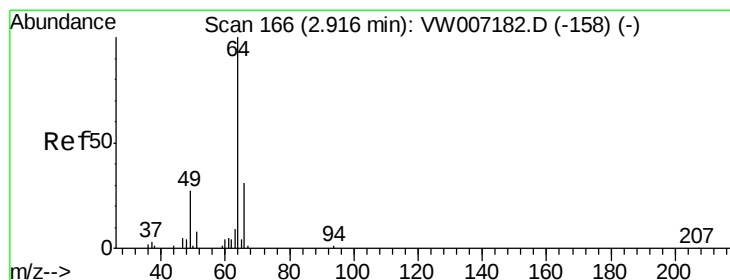
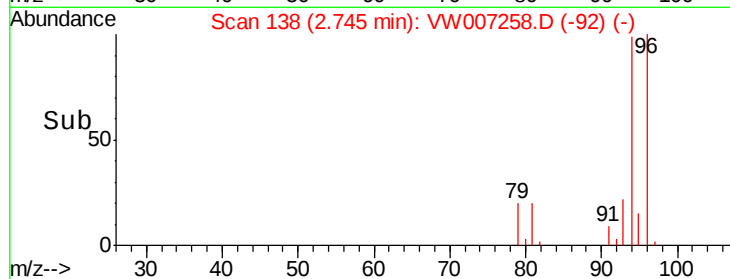
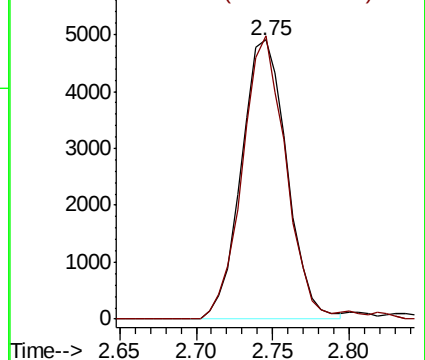
94 100

96 101.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.795 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW007258.D

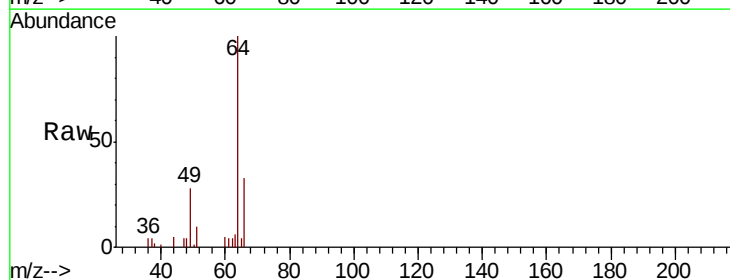
Acq: 06 Dec 2018 04:57

Tgt Ion: 64 Resp: 9103

Ion Ratio Lower Upper

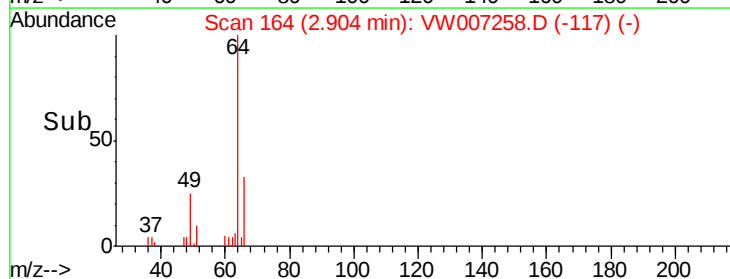
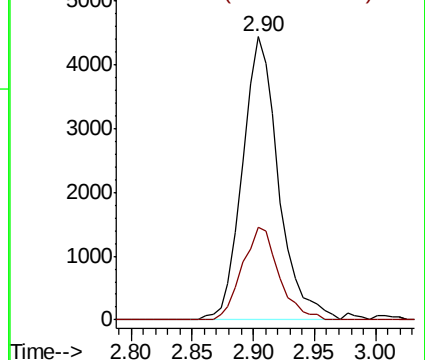
64 100

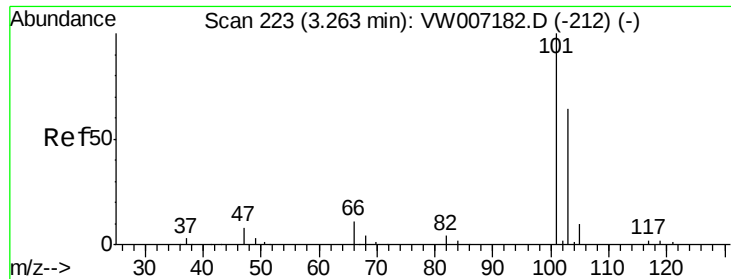
66 32.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



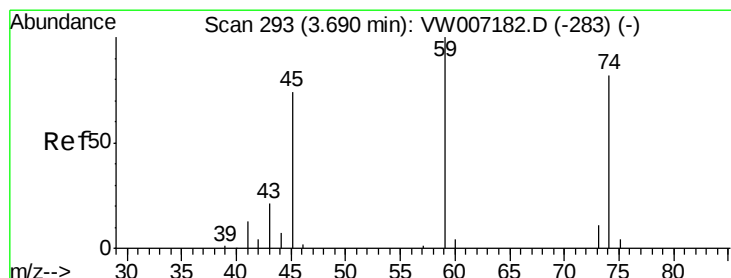
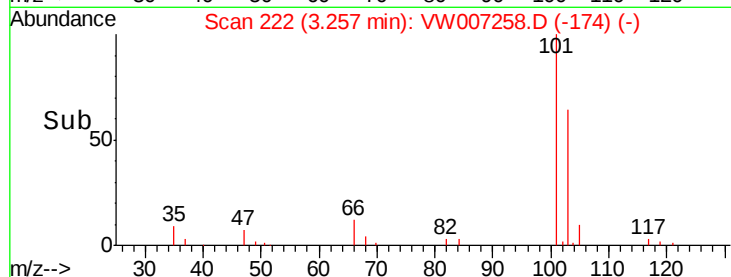
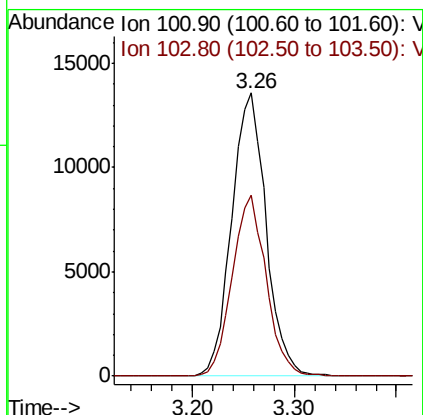
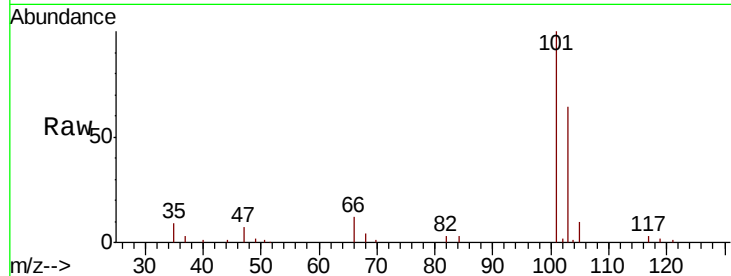


#7

Trichlorofluoromethane
Concen: 20.825 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
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ClientSampleId :
VW1205SBSD02

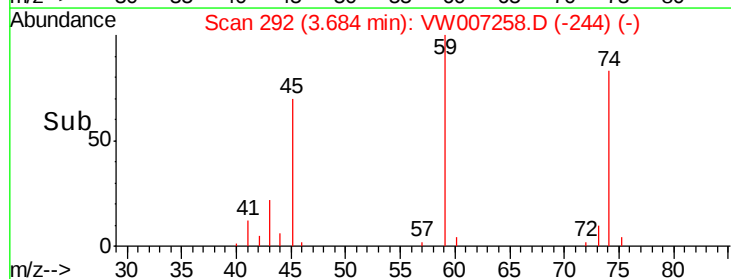
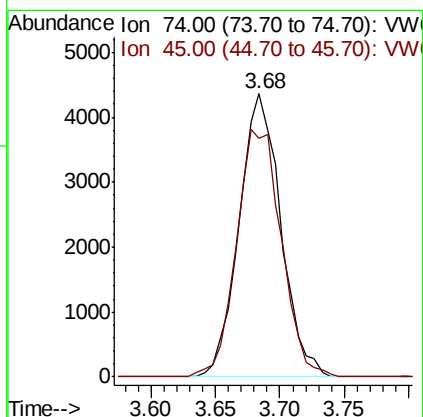
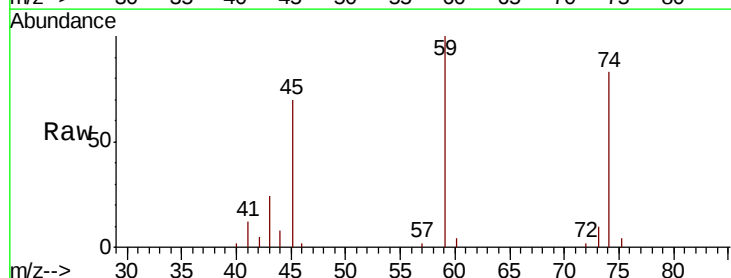
Tot Ion:101 Resp: 31676
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3

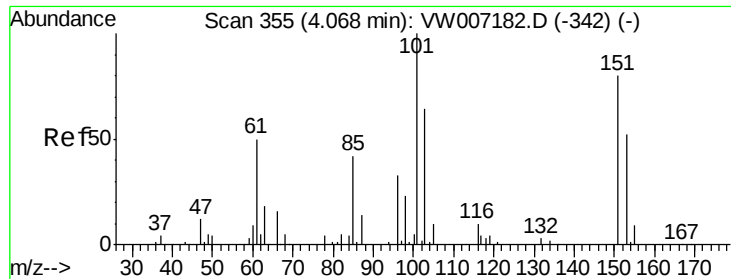


#8

Diethyl Ether
Concen: 22.989 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 74 Resp: 9747
Ion Ratio Lower Upper
74 100
45 94.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.819 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

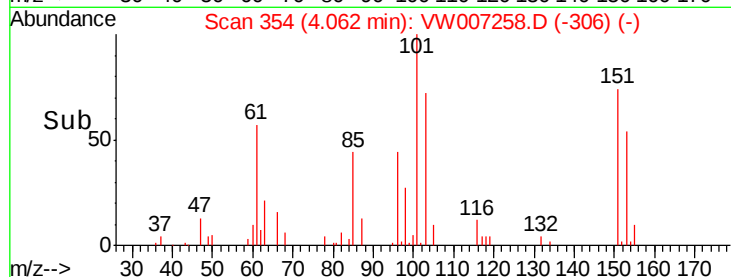
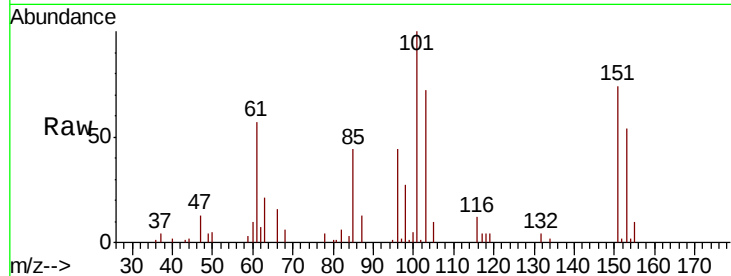
Tot Ion:101 Resp: 18211

Ion Ratio Lower Upper

101 100

85 43.1 33.4 50.2

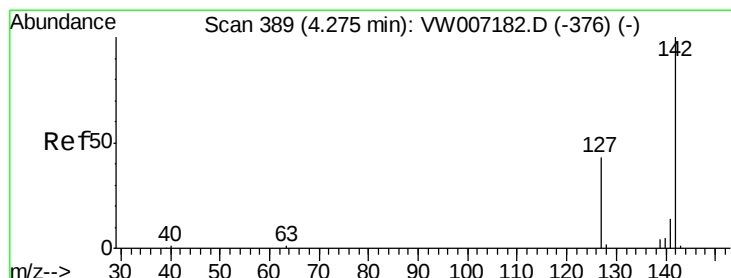
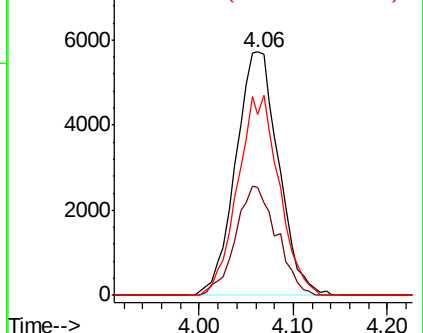
151 79.5 63.9 95.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.098 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

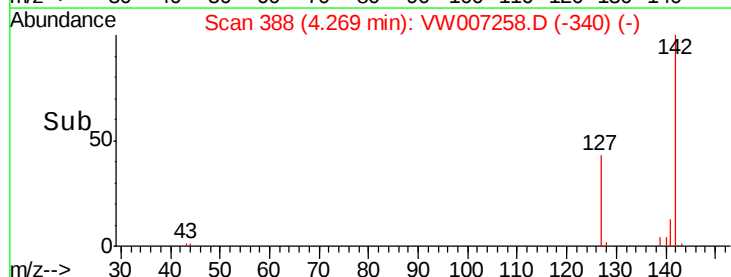
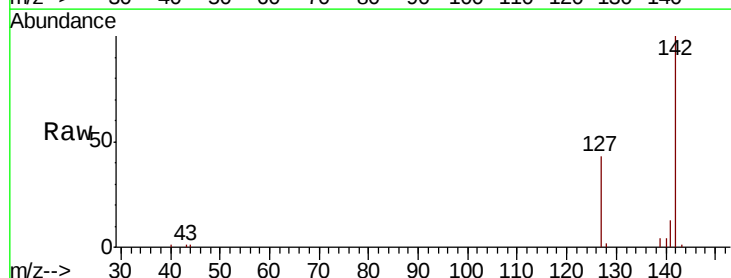
Tgt Ion:142 Resp: 16514

Ion Ratio Lower Upper

142 100

127 45.0 34.9 52.3

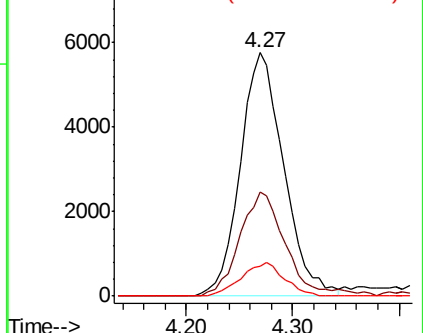
141 13.6 11.7 17.5

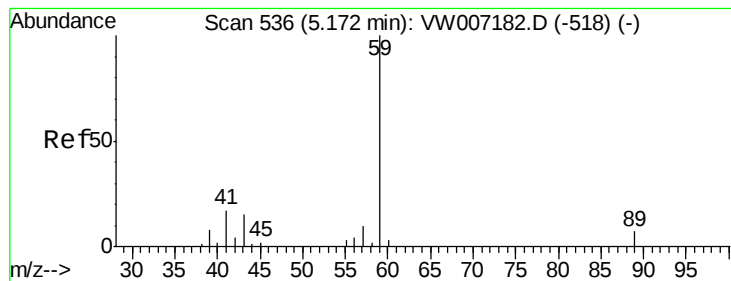


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



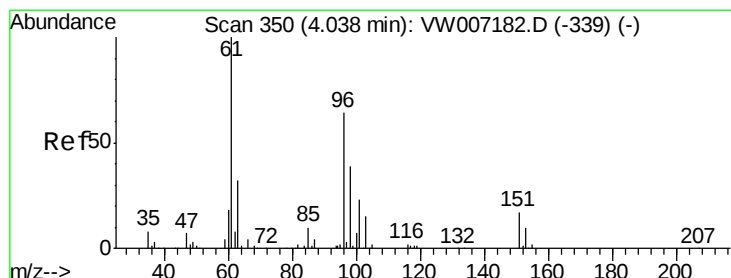
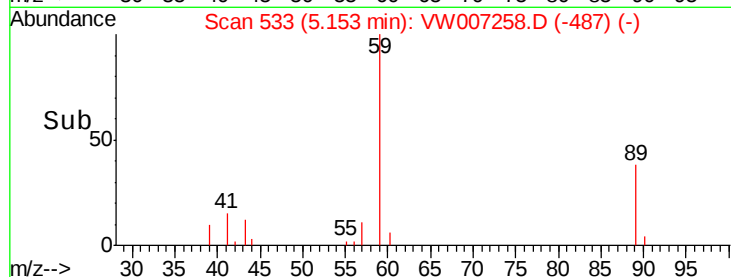
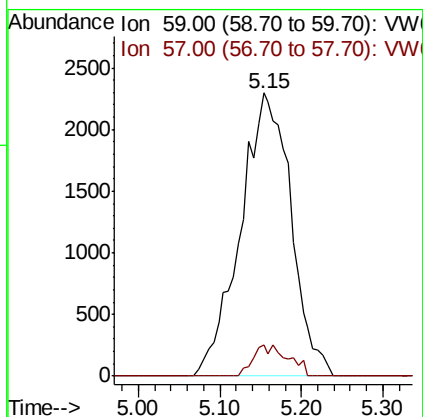
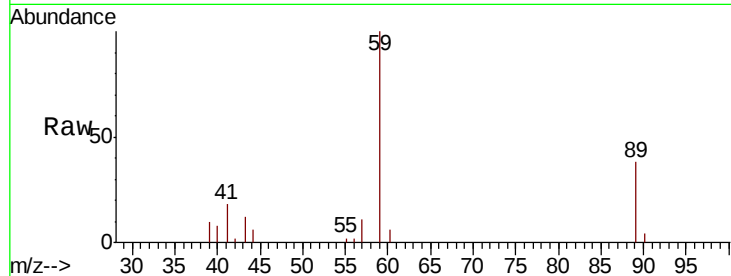


#11

Tert butyl alcohol
 Concen: 113.507 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1205SBSD02

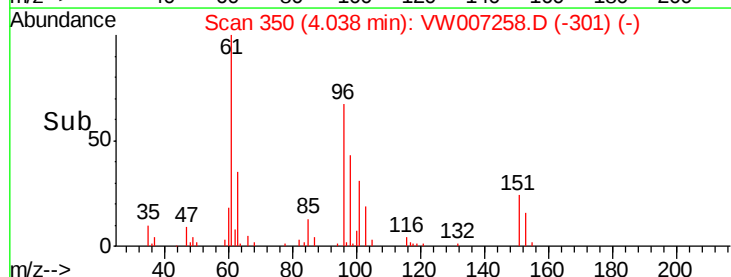
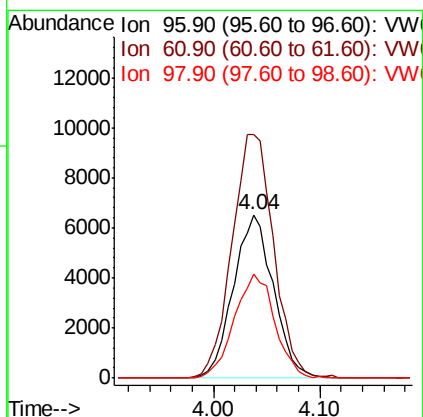
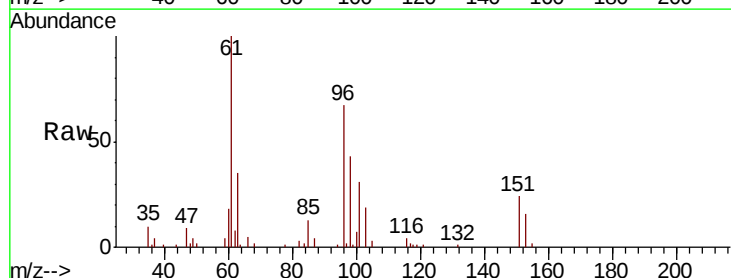
Tot Ion: 59 Resp: 9898
 Ion Ratio Lower Upper
 59 100
 57 7.6 7.1 10.7

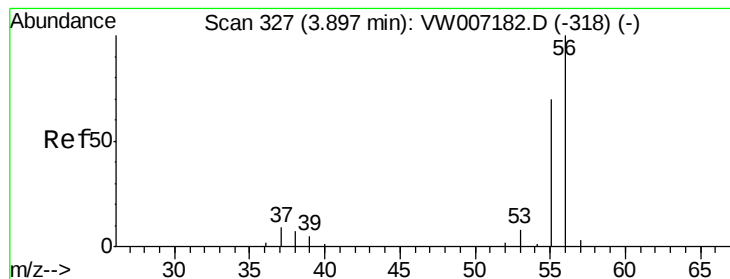


#12

1,1-Dichloroethene
 Concen: 19.929 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 96 Resp: 17161
 Ion Ratio Lower Upper
 96 100
 61 149.0 124.1 186.1
 98 64.0 48.6 72.8





#13

Acrolein

Concen: 101.379 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

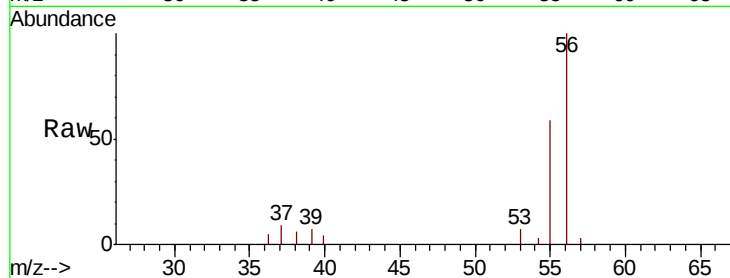
VW1205SBSD02

Tot Ion: 56 Resp: 5948

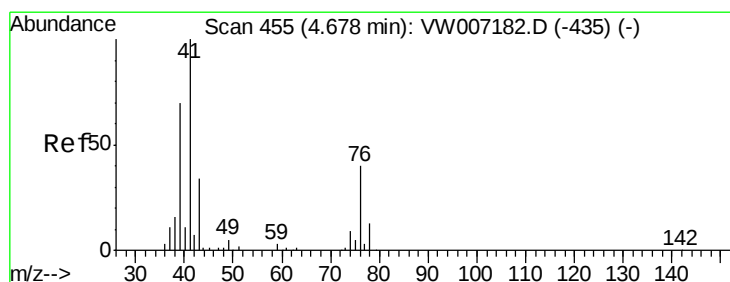
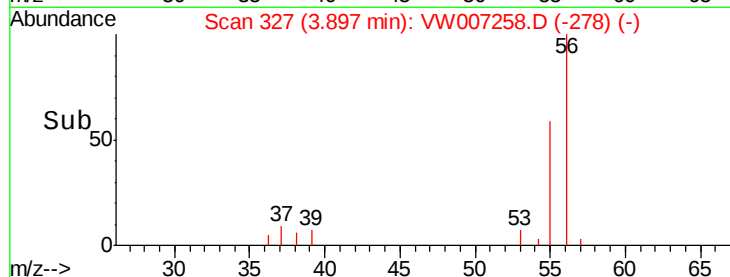
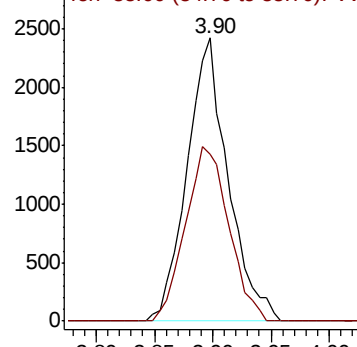
Ion Ratio Lower Upper

56 100

55 65.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.085 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

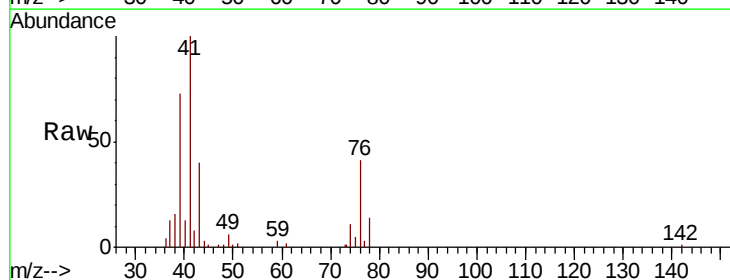
Tgt Ion: 41 Resp: 27722

Ion Ratio Lower Upper

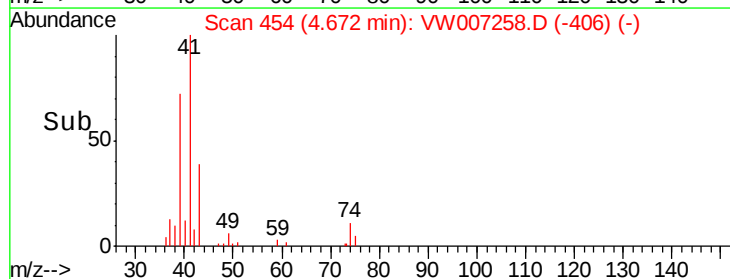
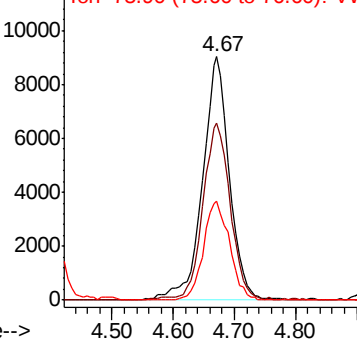
41 100

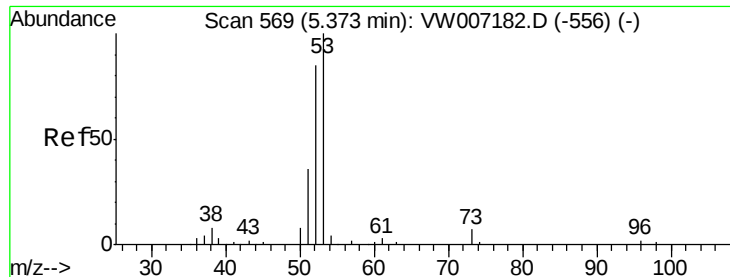
39 74.3 55.9 83.9

76 39.6 30.8 46.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 111.292 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

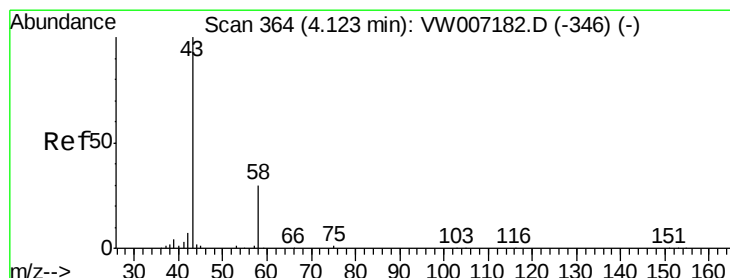
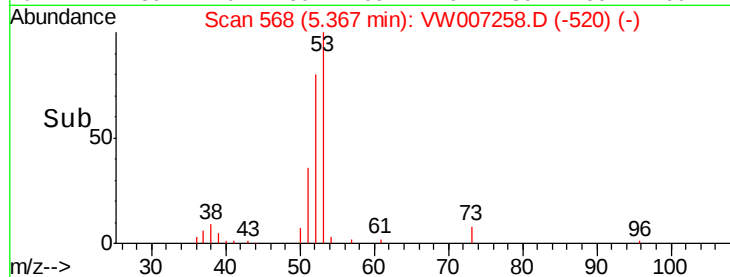
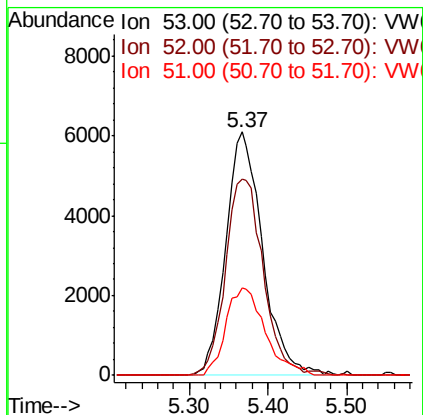
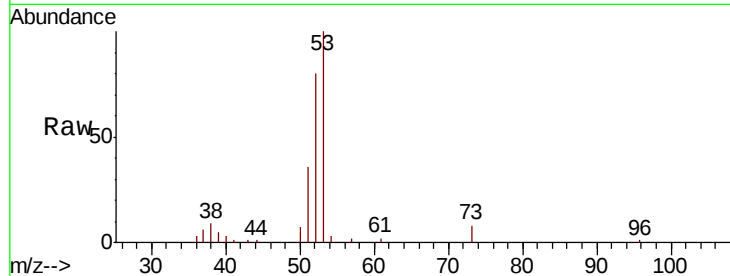
Tot Ion: 53 Resp: 19726

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 38.4 30.3 45.5



#16

Acetone

Concen: 82.372 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007258.D

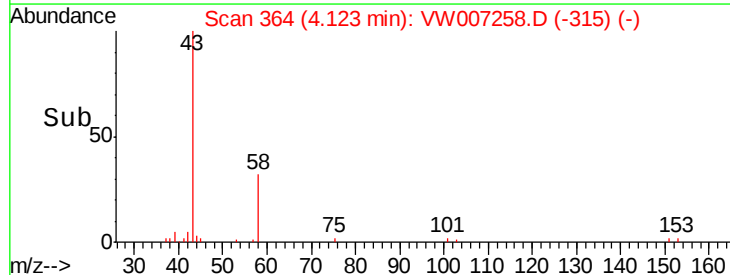
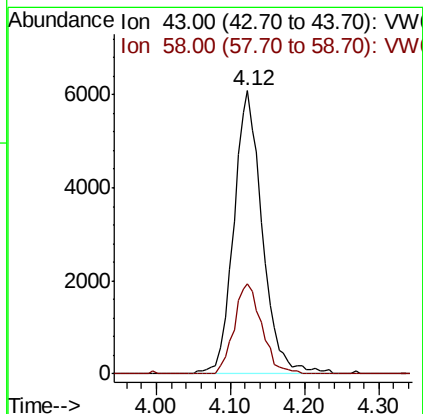
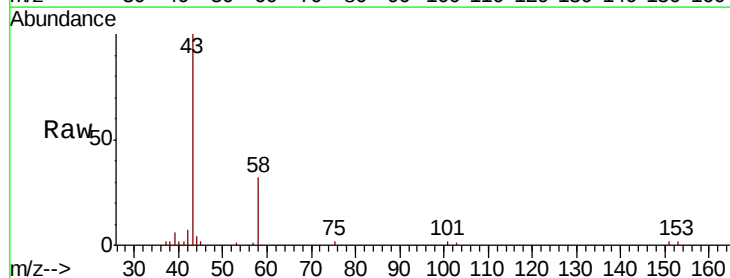
Acq: 06 Dec 2018 04:57

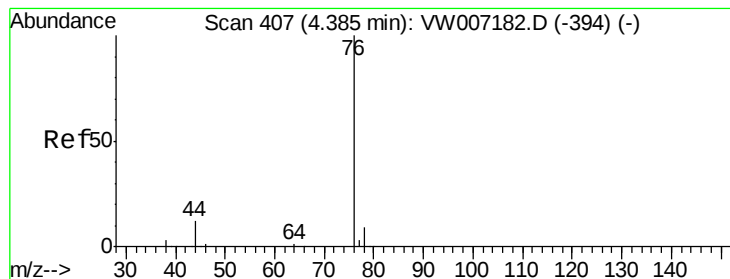
Tgt Ion: 43 Resp: 16328

Ion Ratio Lower Upper

43 100

58 31.7 23.8 35.8





#17

Carbon Disulfide

Concen: 19.042 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

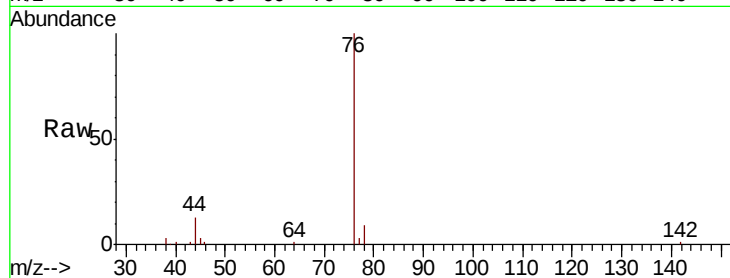
VW1205SBSD02

Tot Ion: 76 Resp: 54049

Ion Ratio Lower Upper

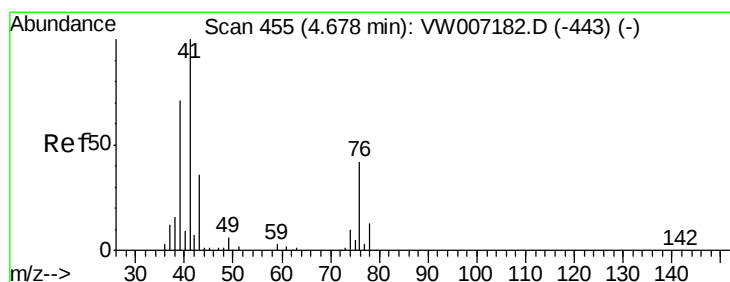
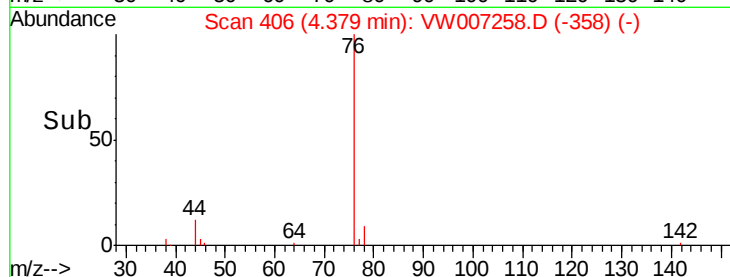
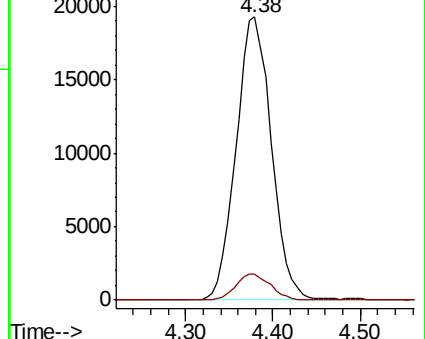
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.228 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007258.D

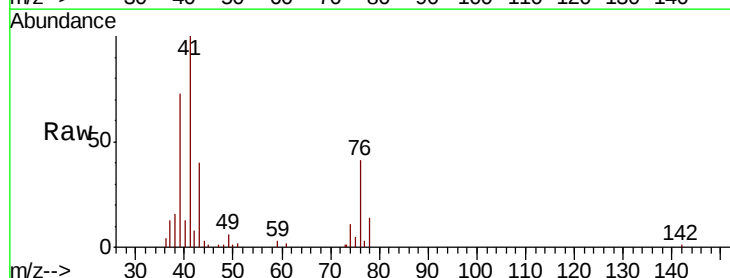
Acq: 06 Dec 2018 04:57

Tgt Ion: 43 Resp: 10510

Ion Ratio Lower Upper

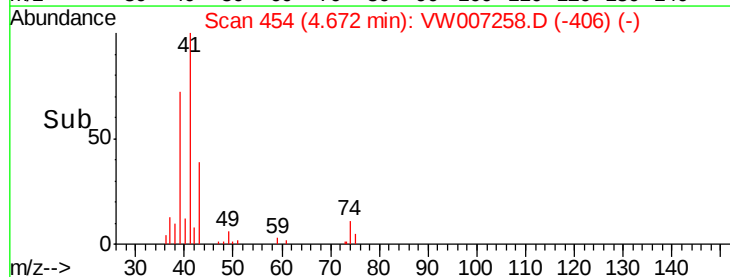
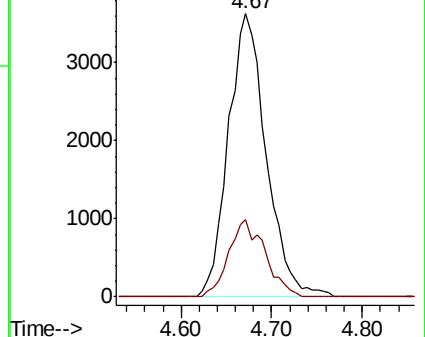
43 100

74 26.2 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

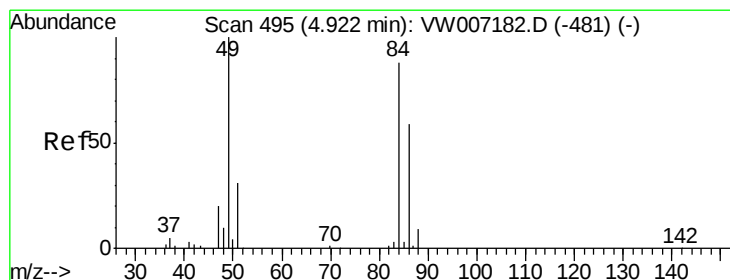
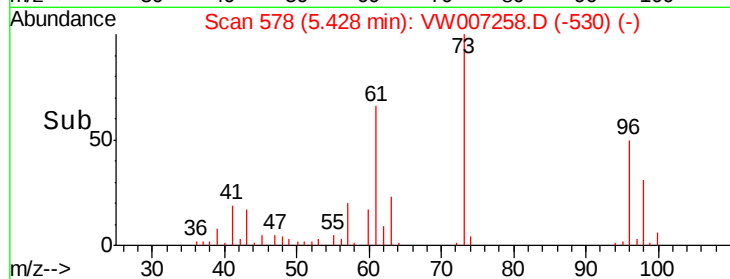
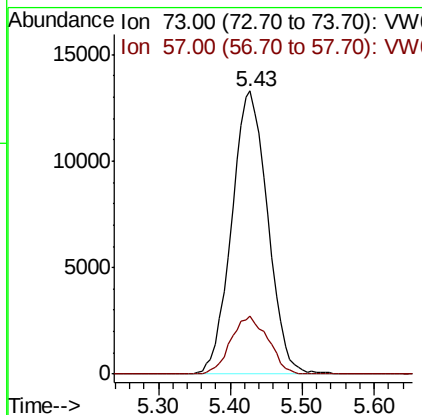
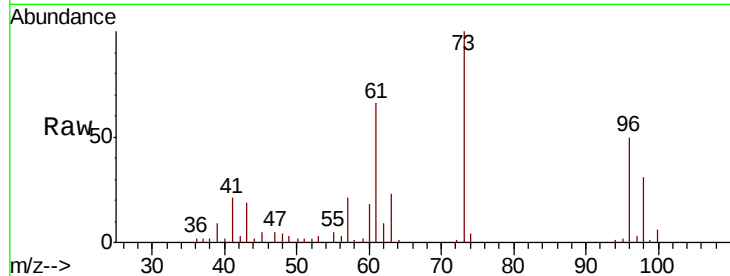




#19
Methvl tert-butvl Ether
Concen: 22.734 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

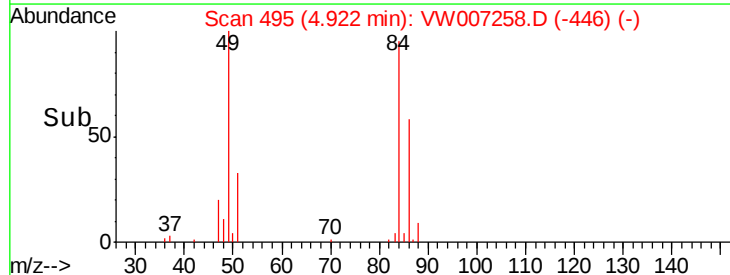
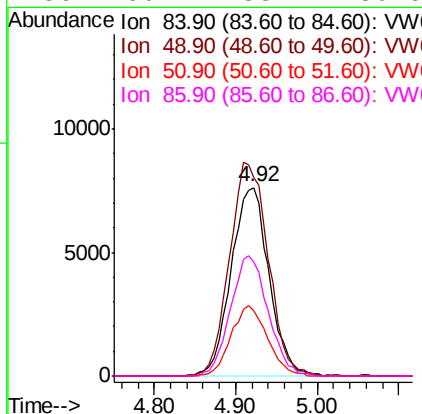
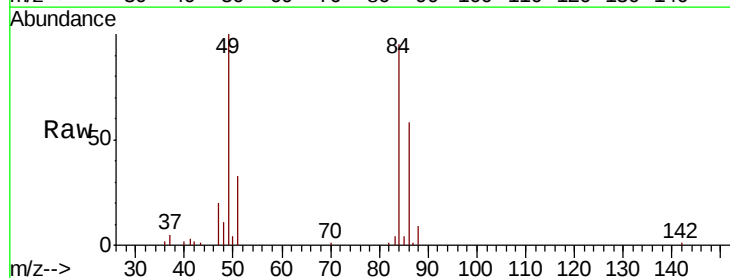
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

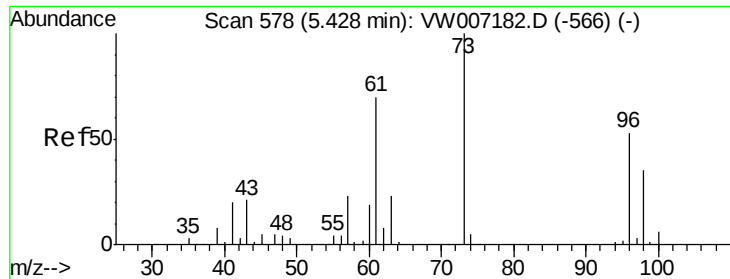
Tot Ion: 73 Resp: 46090
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 21.576 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 84 Resp: 24498
Ion Ratio Lower Upper
84 100
49 104.3 90.6 135.8
51 34.6 27.6 41.4
86 60.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 21.279 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

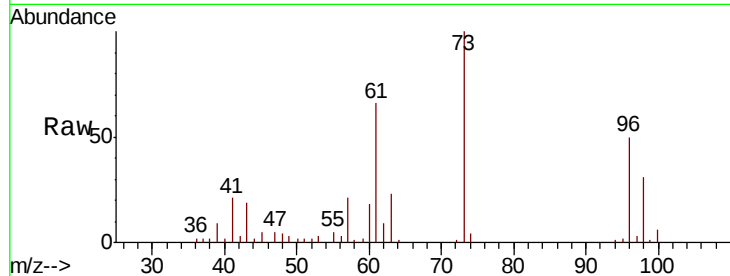
Tot Ion: 96 Resp: 20460

Ion Ratio Lower Upper

96 100

61 132.1 105.5 158.3

98 63.2 52.6 79.0

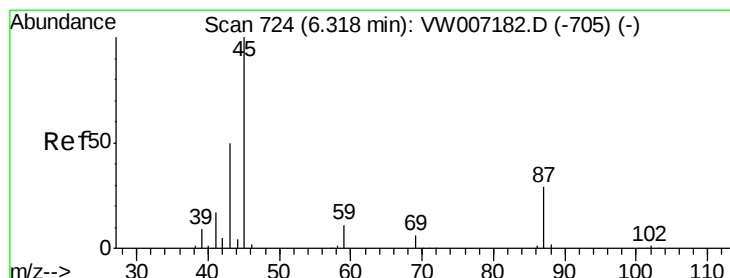
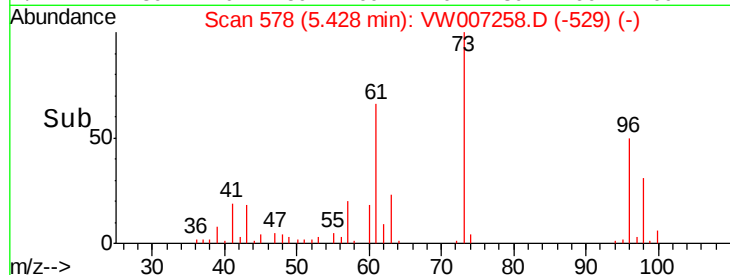
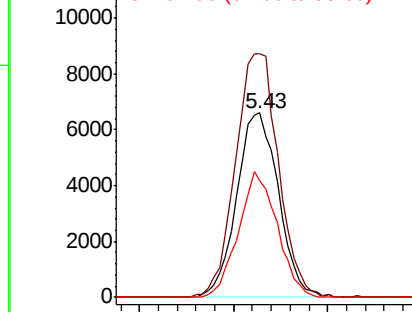


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.999 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion: 45 Resp: 54508

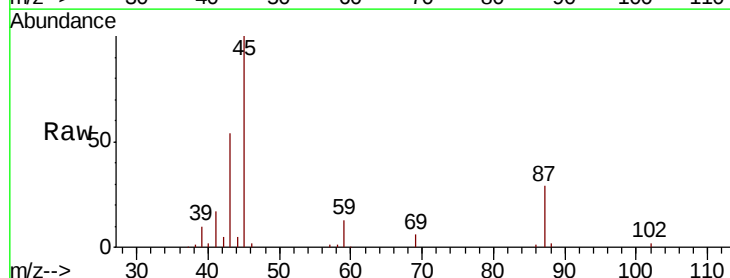
Ion Ratio Lower Upper

45 100

43 53.1 40.8 61.2

87 29.3 24.0 36.0

59 12.7 9.1 13.7



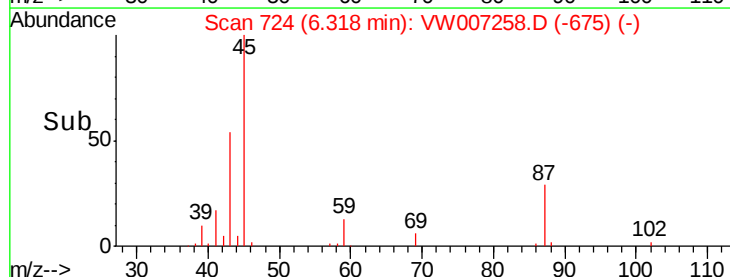
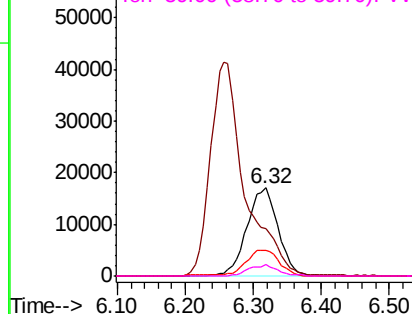
Abundance

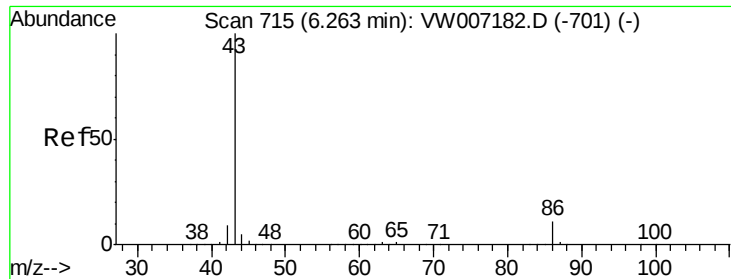
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 107.638 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleID :

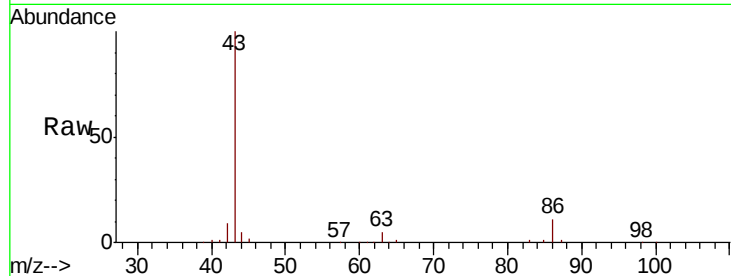
VW1205SBSD02

Tot Ion: 43 Resp: 145525

Ion Ratio Lower Upper

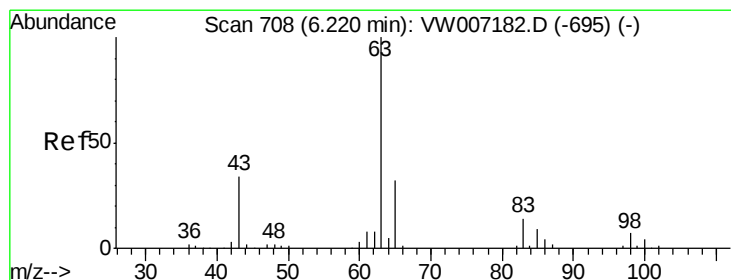
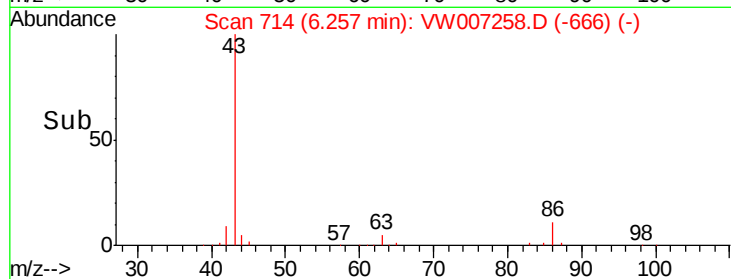
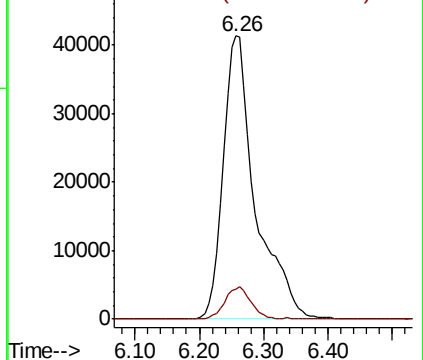
43 100

86 10.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.899 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

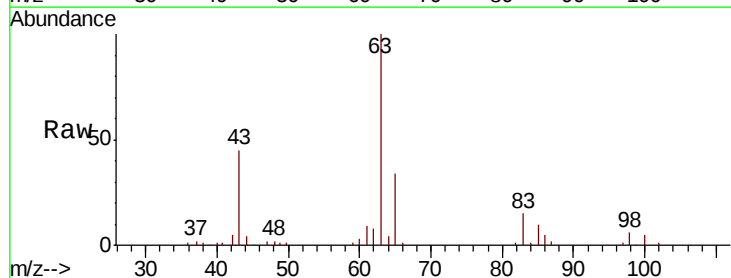
Tgt Ion: 63 Resp: 34777

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

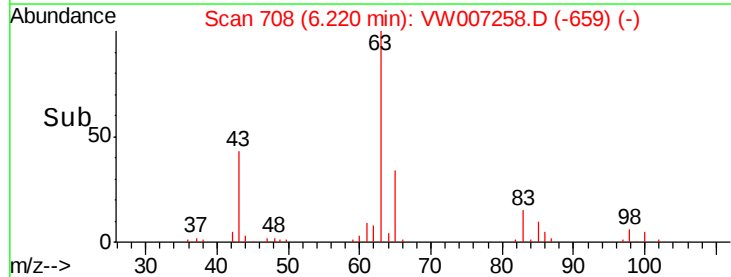
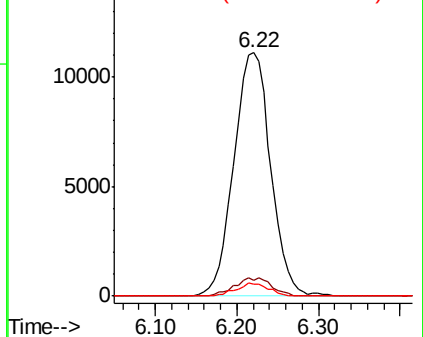
100 4.7 2.1 6.2

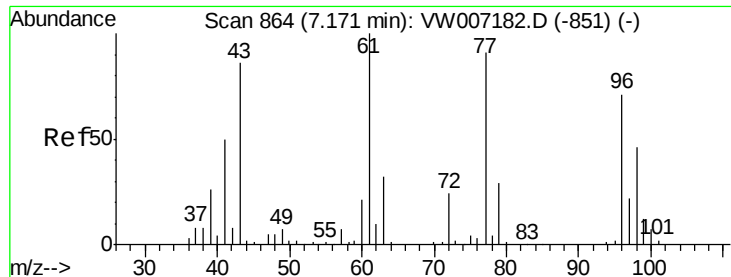


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

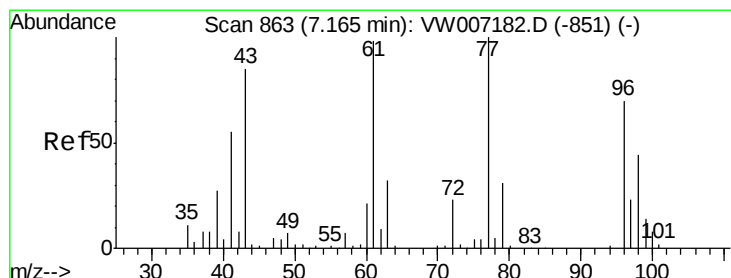
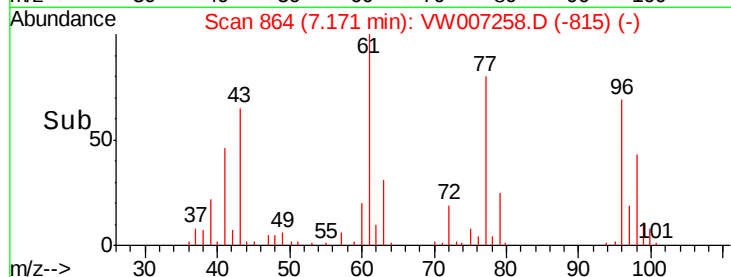
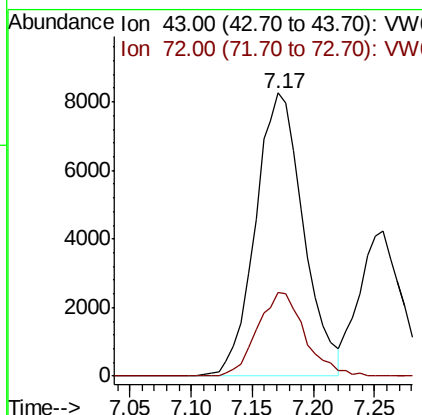
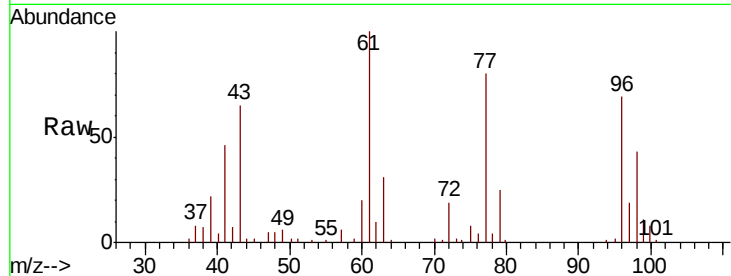




#25
2-Butanone
Concen: 98.272 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

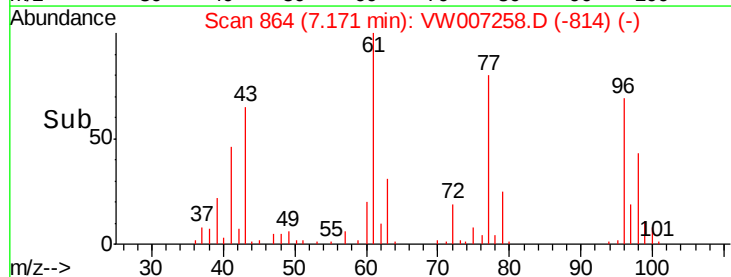
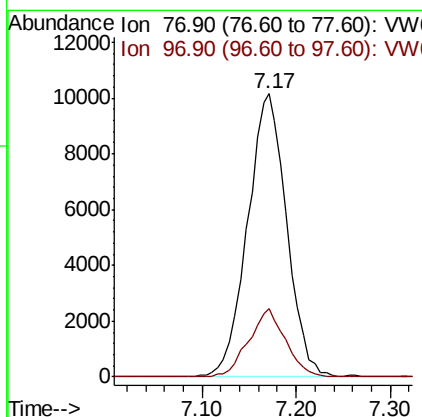
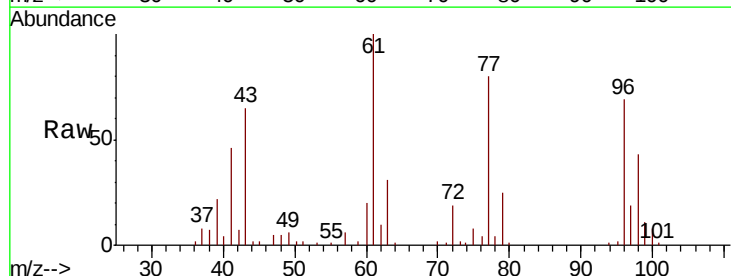
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

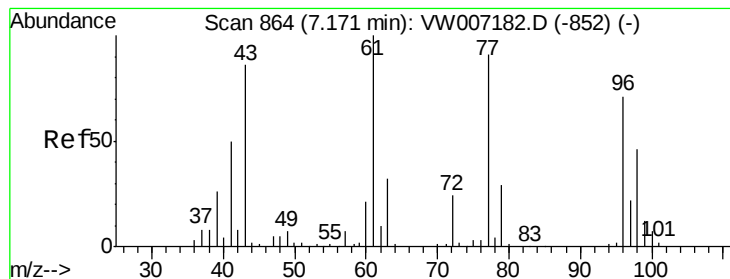
Tot Ion: 43 Resp: 22581
Ion Ratio Lower Upper
43 100
72 29.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 19.317 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 77 Resp: 29481
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.4



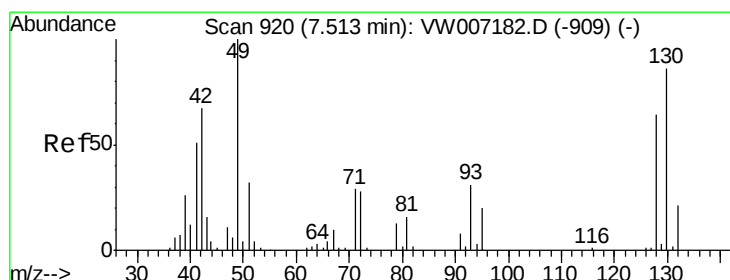
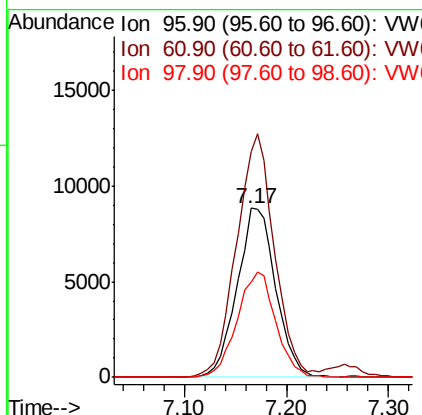
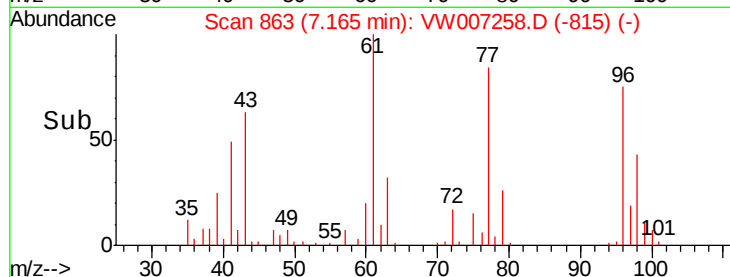
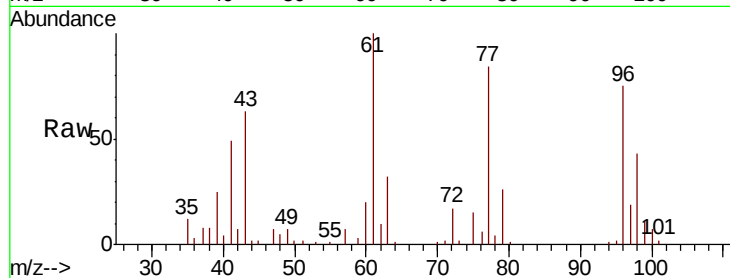


#27

cis-1,2-Dichloroethene
Concen: 22.523 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

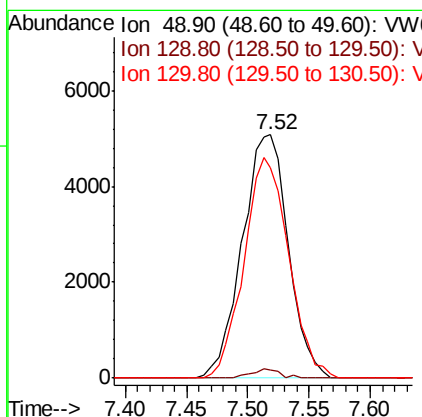
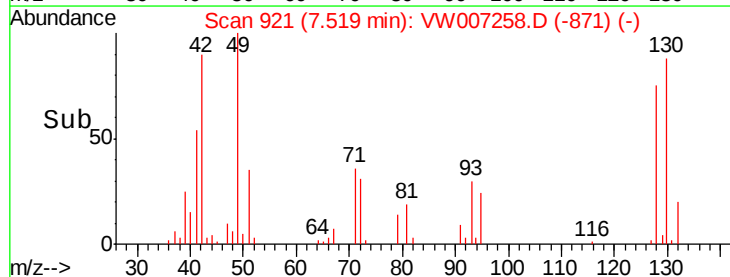
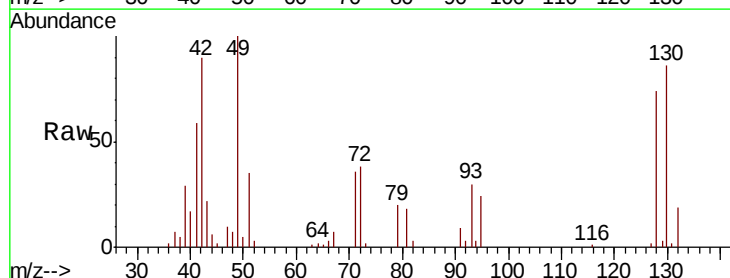
Tot Ion: 96 Resp: 23215
Ion Ratio Lower Upper
96 100
61 141.2 0.0 282.4
98 62.2 0.0 129.8

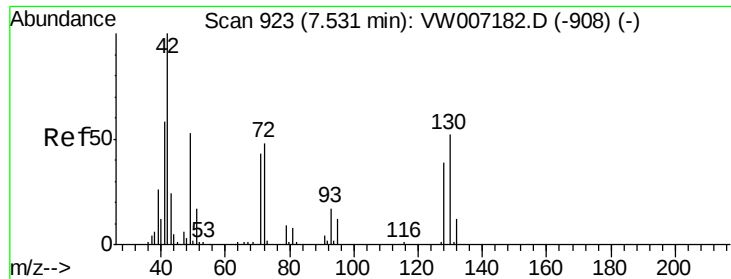


#28

Bromochloromethane
Concen: 23.194 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 49 Resp: 13282
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 88.1 70.3 105.5

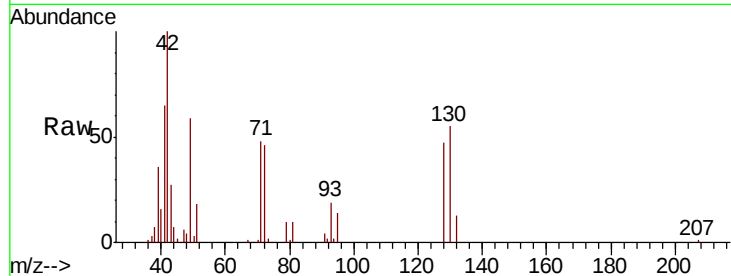




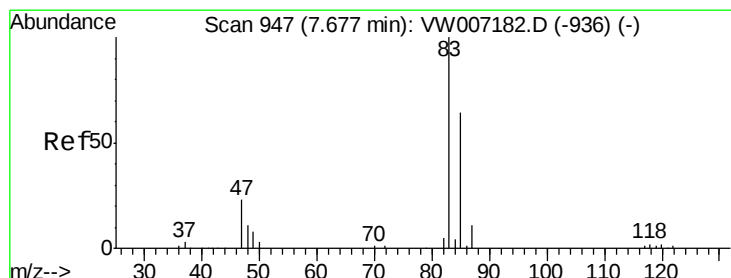
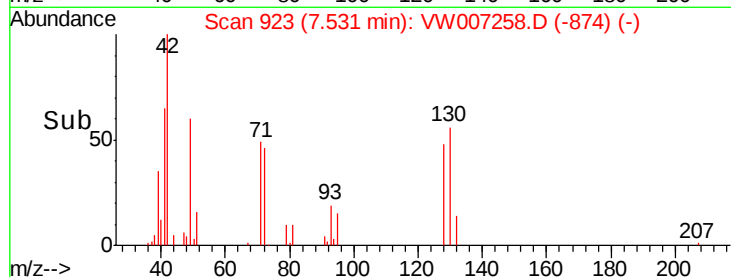
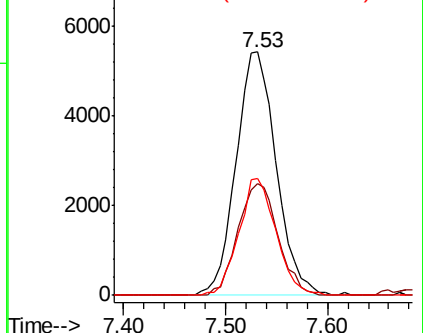
#29
Tetrahydrofuran
Concen: 104.708 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tot Ion: 42 Resp: 14868
Ion Ratio Lower Upper
42 100
72 45.7 36.6 55.0
71 44.6 34.8 52.2

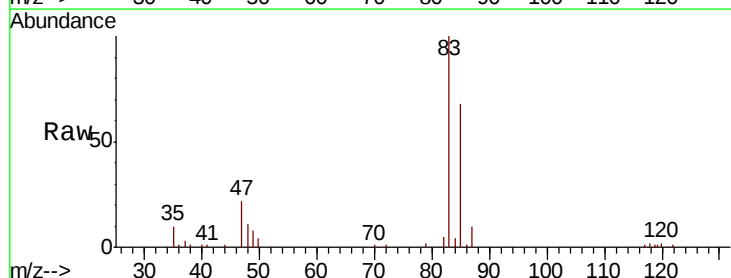


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

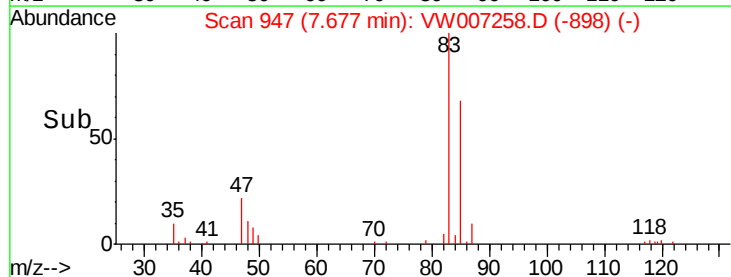
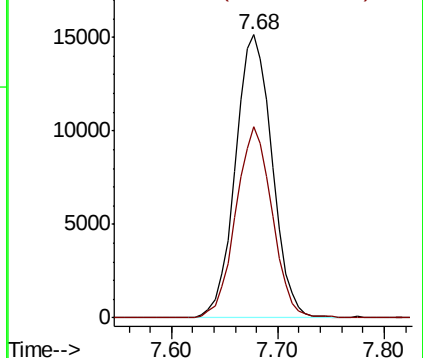


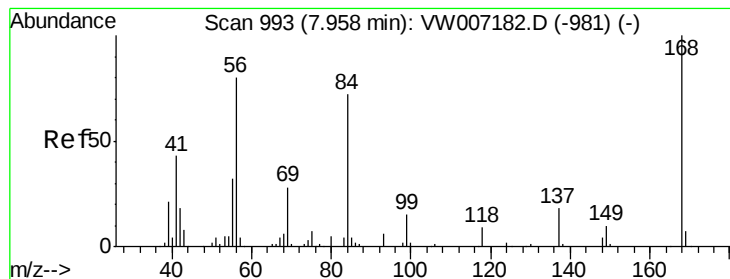
#30
Chloroform
Concen: 22.181 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 83 Resp: 36609
Ion Ratio Lower Upper
83 100
85 67.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 18.829 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

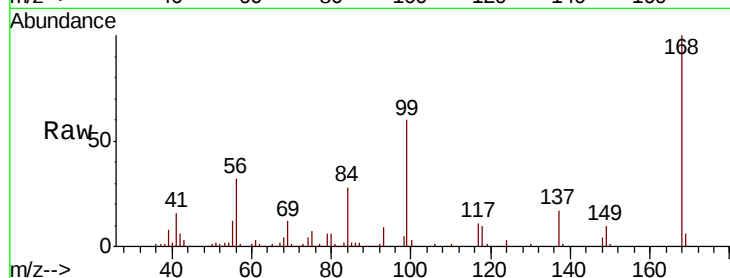
Tot Ion: 56 Resp: 31286

Ion Ratio Lower Upper

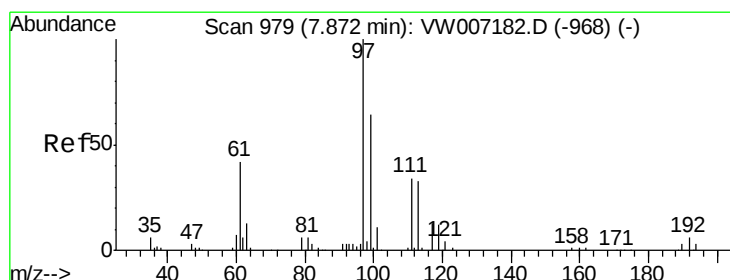
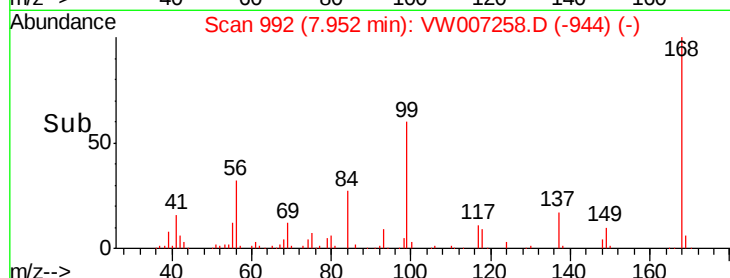
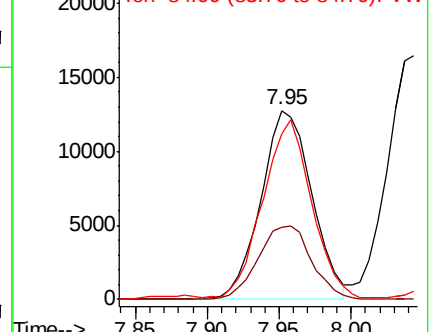
56 100

69 38.5 28.2 42.2

84 86.4 72.1 108.1



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



#32

1,1,1-Trichloroethane

Concen: 21.741 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

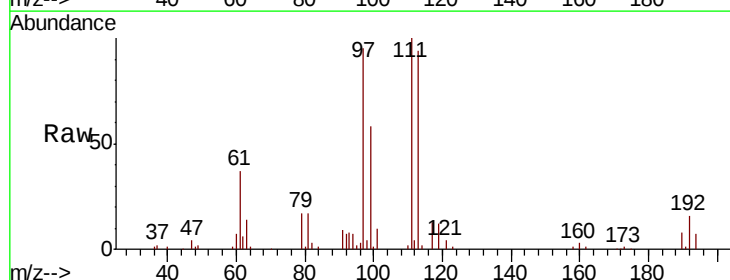
Tgt Ion: 97 Resp: 33769

Ion Ratio Lower Upper

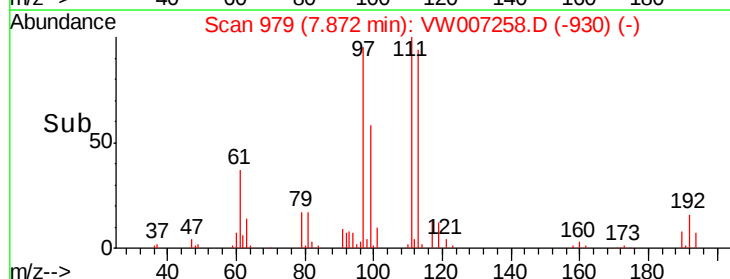
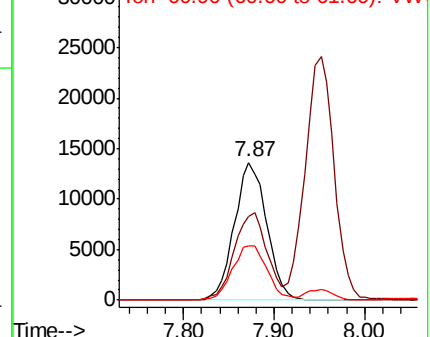
97 100

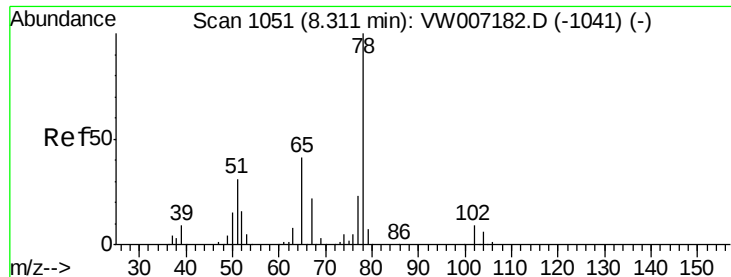
99 64.2 51.3 76.9

61 42.0 33.2 49.8



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





#33

1,2-Dichloroethane-d4

Concen: 59.892 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

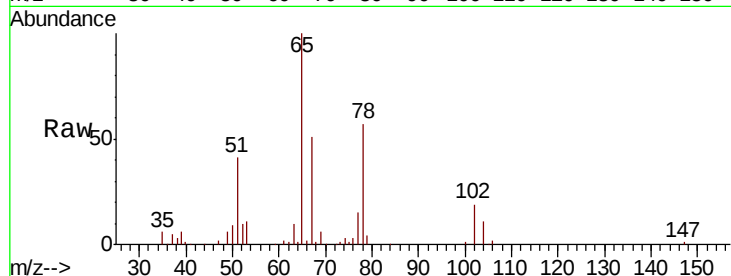
VW1205SBSD02

Tot Ion: 65 Resp: 50149

Ion Ratio Lower Upper

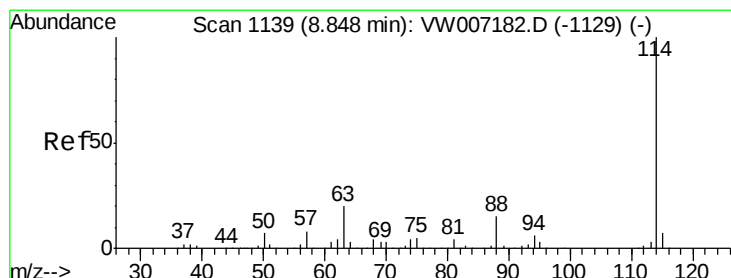
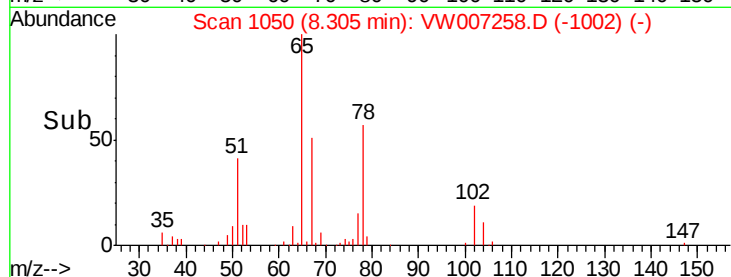
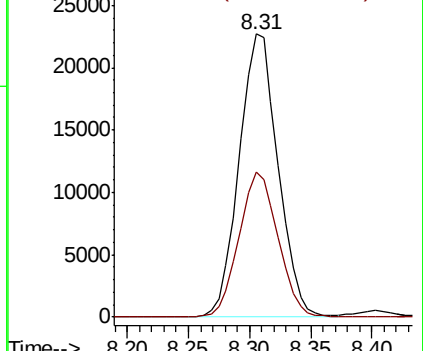
65 100

67 51.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

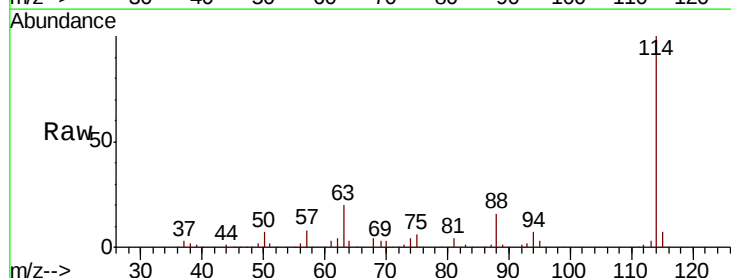
Tgt Ion: 114 Resp: 148412

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

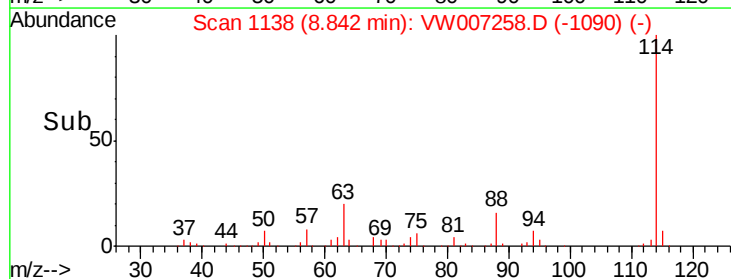
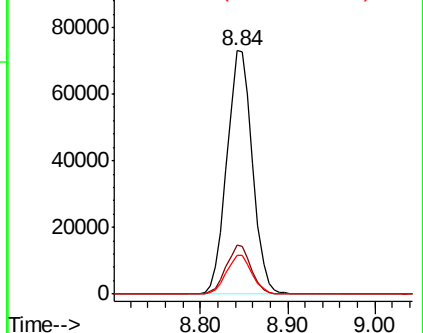
88 15.9 0.0 30.0

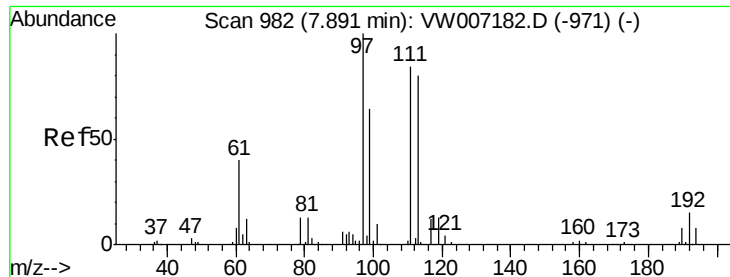


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

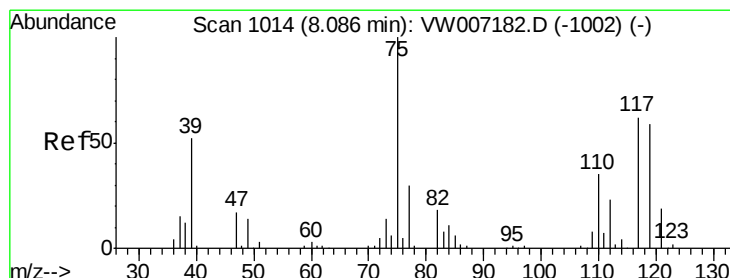
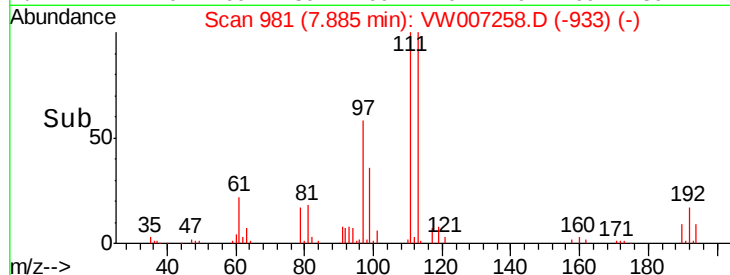
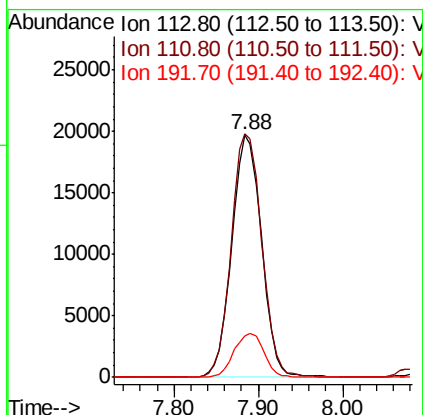
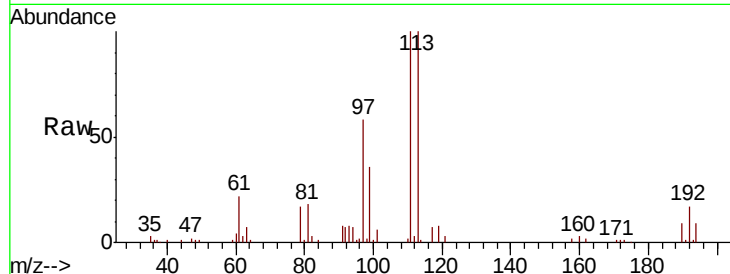




#35
 Dibromofluoromethane
 Concen: 55.312 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

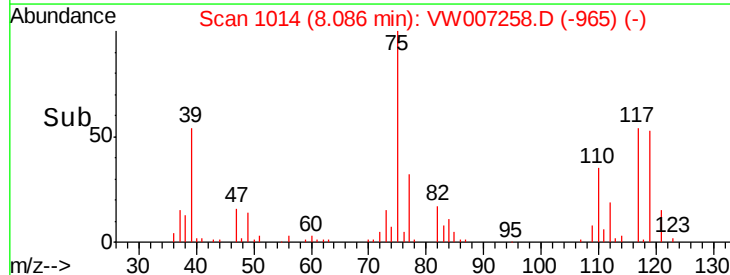
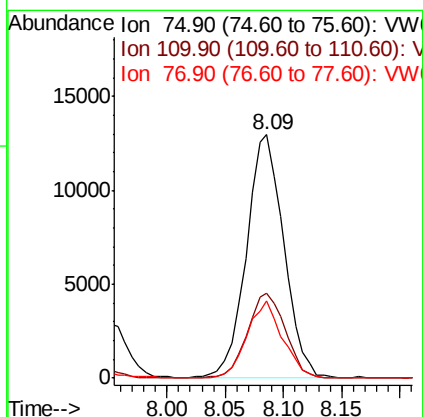
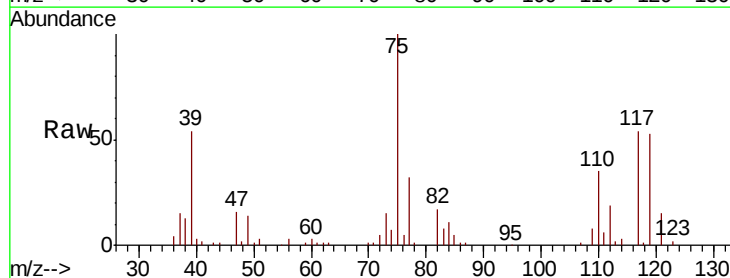
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

Tot Ion:113 Resp: 47004
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 18.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 20.041 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 75 Resp: 28940
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.3 54.9
 77 30.2 24.9 37.3

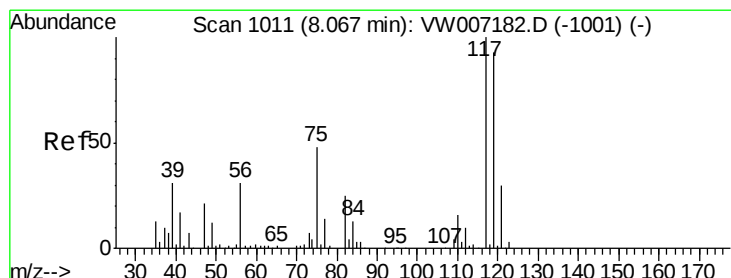
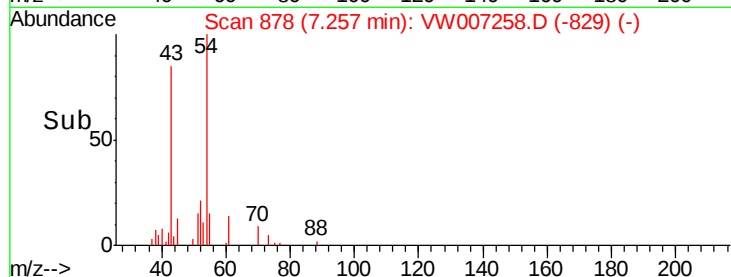
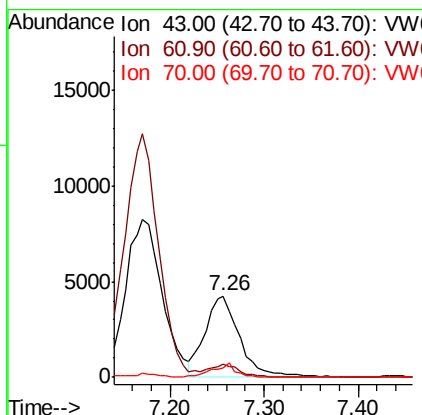
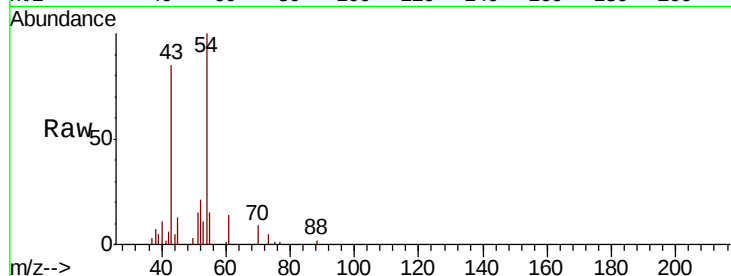




#37
Ethyl Acetate
Concen: 20.842 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

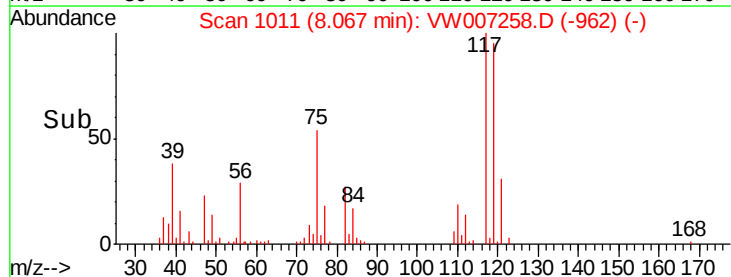
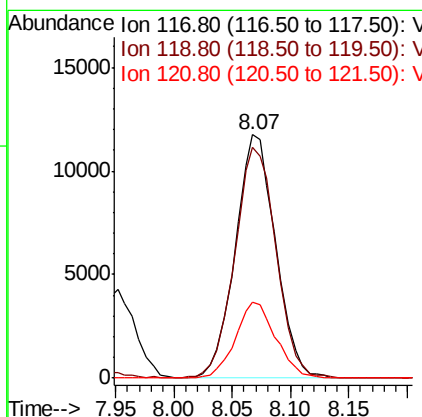
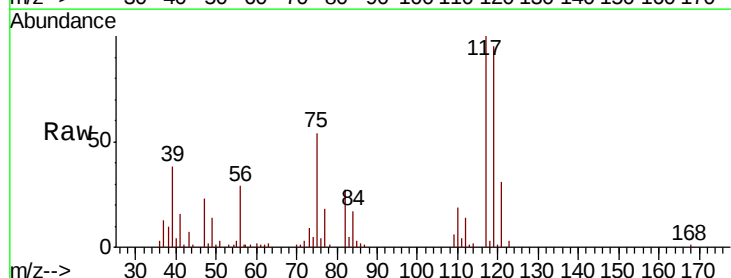
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

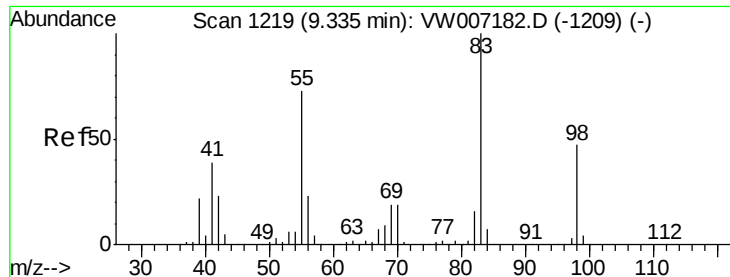
Tot Ion: 43 Resp: 10887
Ion Ratio Lower Upper
43 100
61 13.5 12.1 18.1
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.207 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 117 Resp: 28309
Ion Ratio Lower Upper
117 100
119 94.8 74.1 111.1
121 31.1 23.9 35.9

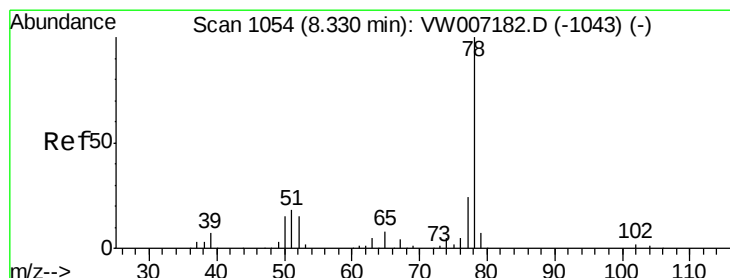
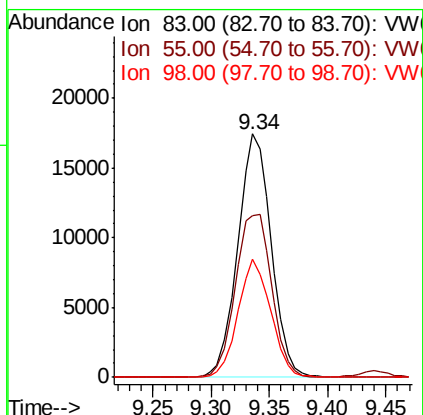
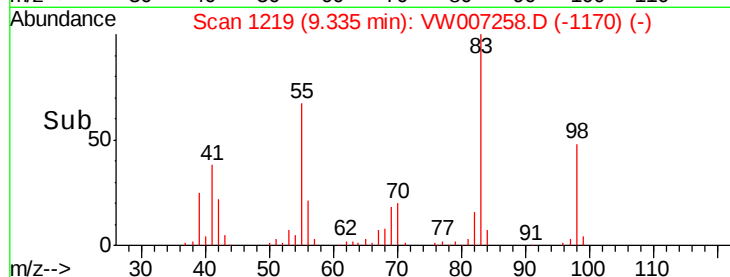
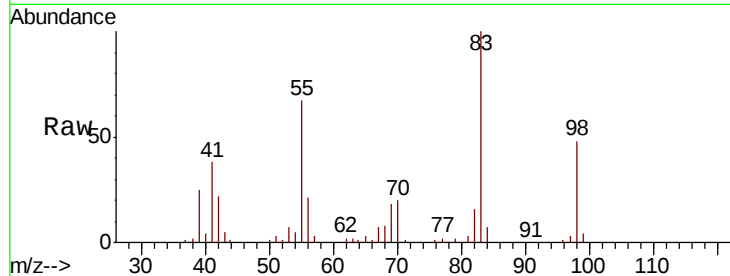




#39
Methvlcvclohexane
Concen: 18.134 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

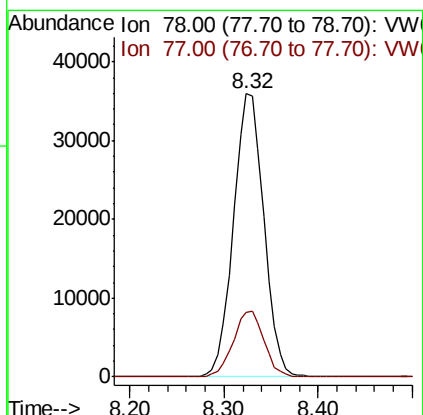
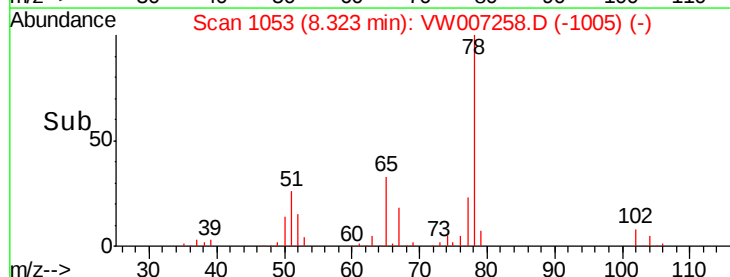
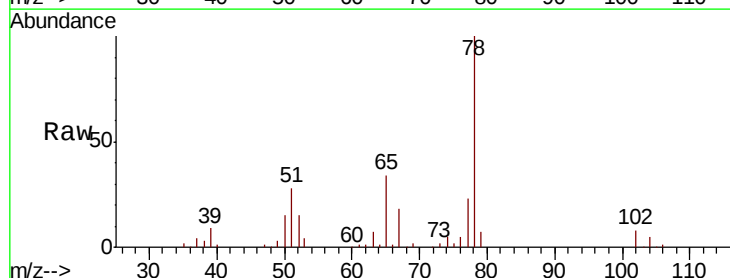
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

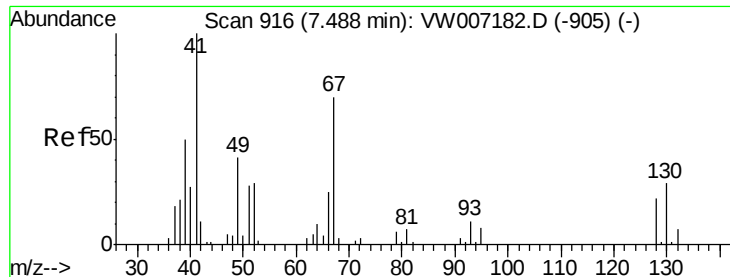
Tot Ion: 83 Resp: 35055
Ion Ratio Lower Upper
83 100
55 66.5 58.1 87.1
98 48.3 37.3 55.9



#40
Benzene
Concen: 20.410 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 78 Resp: 80819
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3

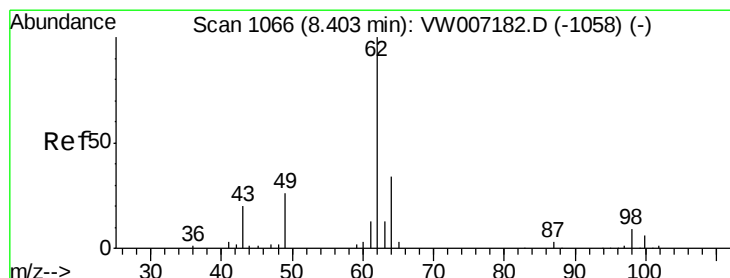
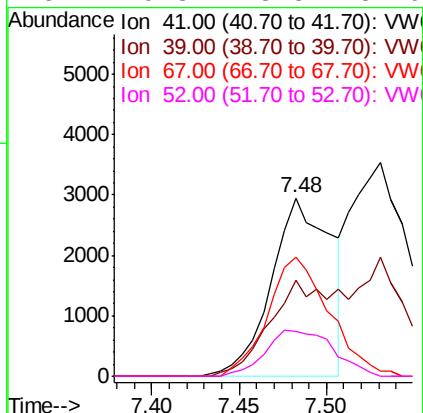
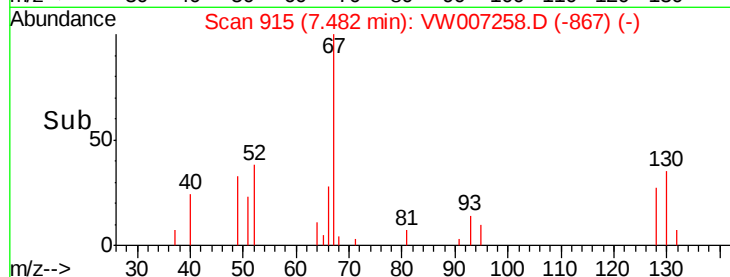
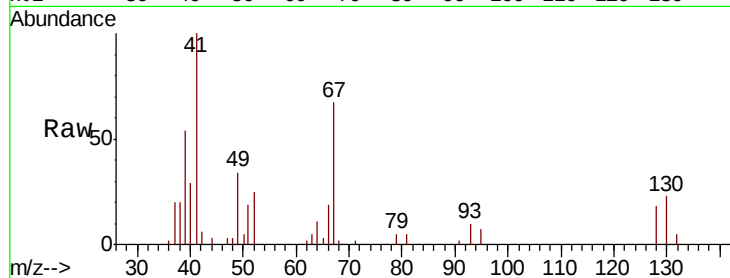




#41
Methacrylonitrile
Concen: 22.389 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

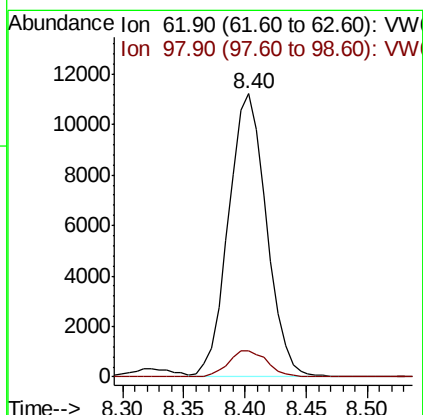
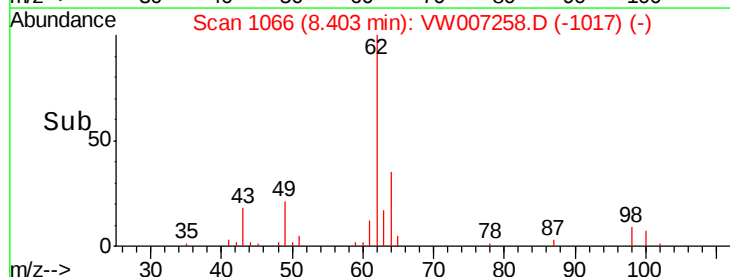
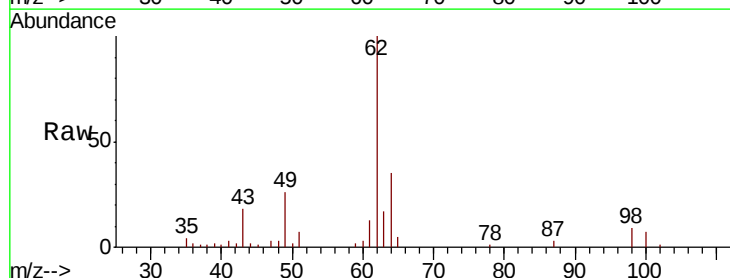
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tot Ion:	41	Resp:	7005
Ion	Ratio	Lower	Upper
41	100		
39	49.7	43.4	65.0
67	68.9	57.4	86.0
52	29.3	23.3	34.9



#42
1,2-Dichloroethane
Concen: 21.834 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:	62	Resp:	24163
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8





#43

Isopropyl Acetate

Concen: 20.380 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

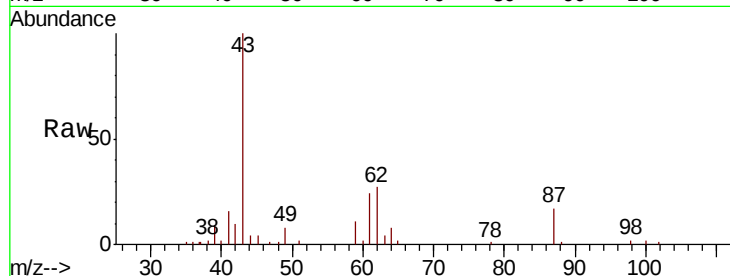
Tot Ion: 43 Resp: 20676

Ion Ratio Lower Upper

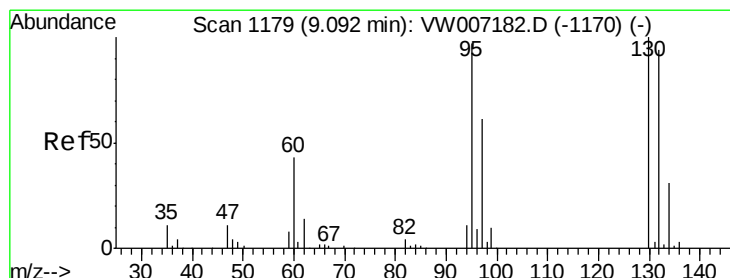
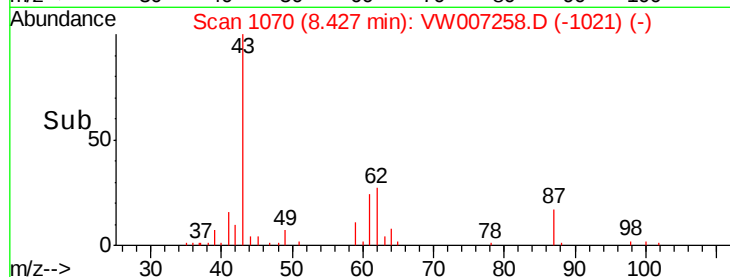
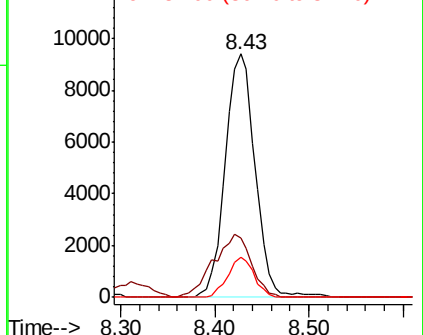
43 100

61 32.5 25.4 38.0

87 14.4 11.4 17.0



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



#44

Trichloroethene

Concen: 20.531 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007258.D

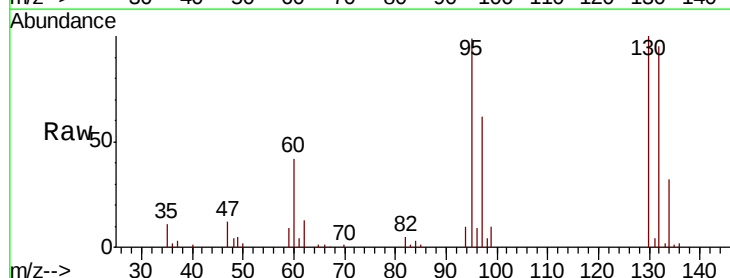
Acq: 06 Dec 2018 04:57

Tgt Ion: 130 Resp: 22853

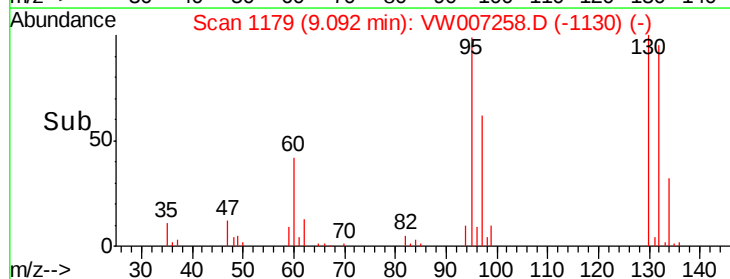
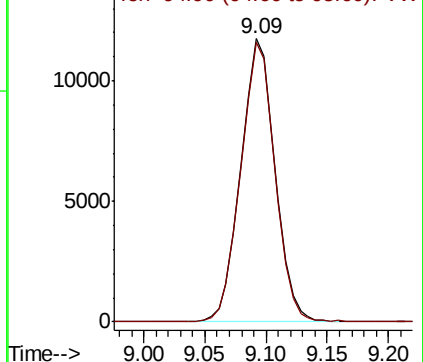
Ion Ratio Lower Upper

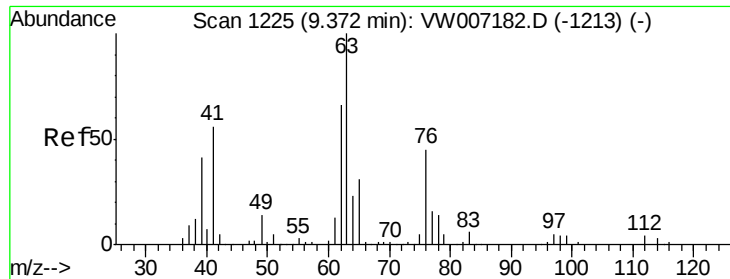
130 100

95 99.0 0.0 194.0



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

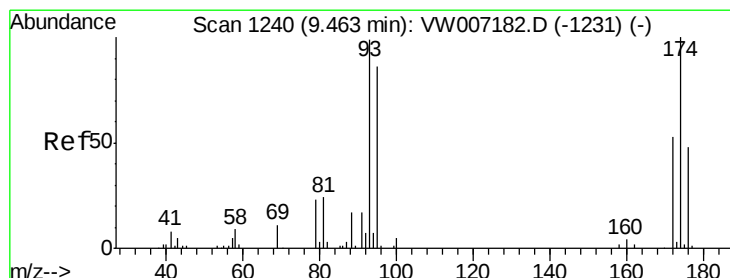
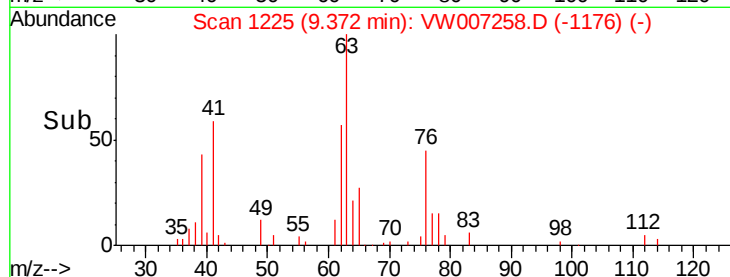
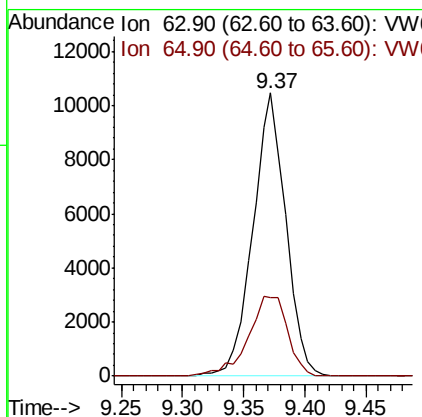
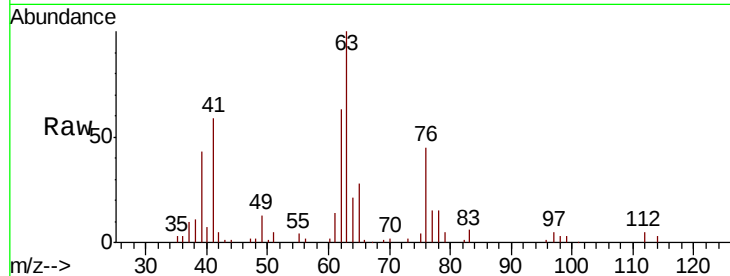




#45
 1,2-Dichloropropane
 Concen: 21.242 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

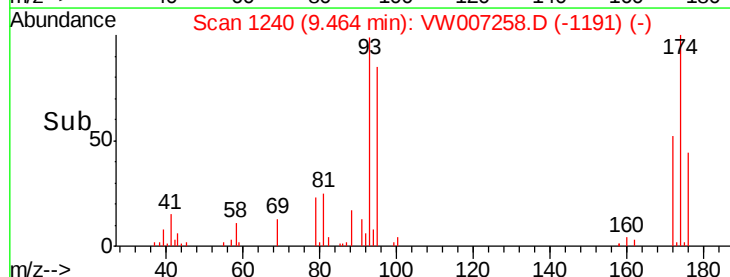
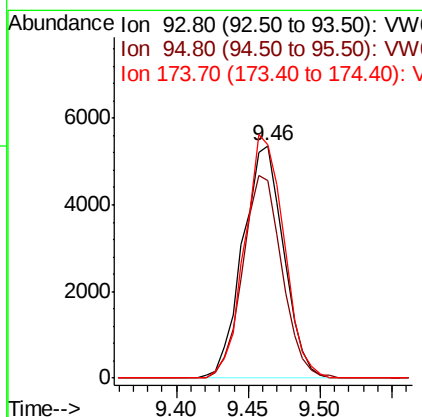
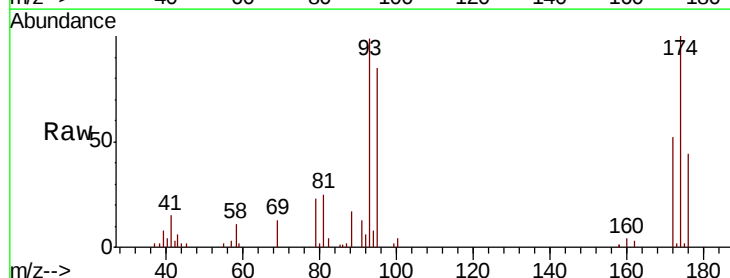
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

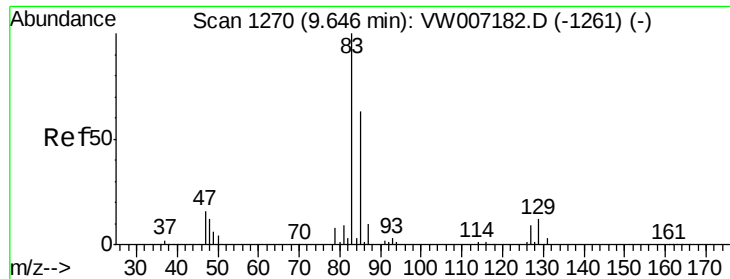
Tot Ion: 63 Resp: 19574
 Ion Ratio Lower Upper
 63 100
 65 27.9 25.0 37.4



#46
 Dibromomethane
 Concen: 22.025 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 93 Resp: 10546
 Ion Ratio Lower Upper
 93 100
 95 83.5 68.7 103.1
 174 100.1 82.9 124.3





#47

Bromodichloromethane

Concen: 21.663 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

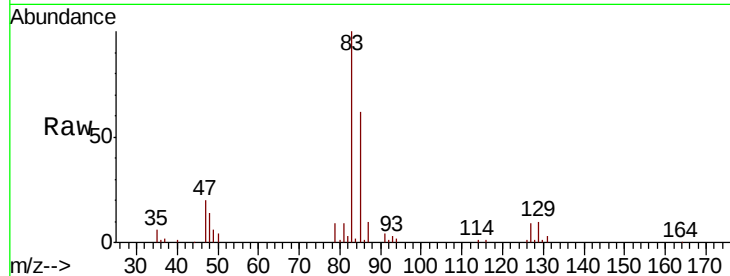
Tot Ion: 83 Resp: 27285

Ion Ratio Lower Upper

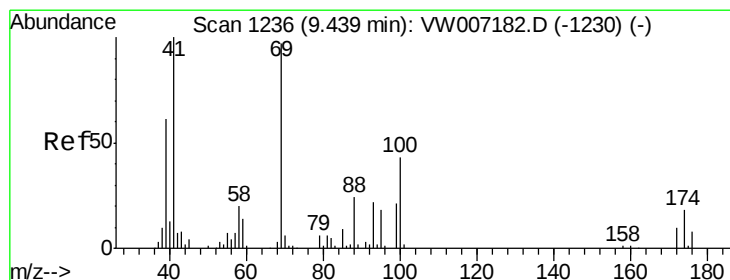
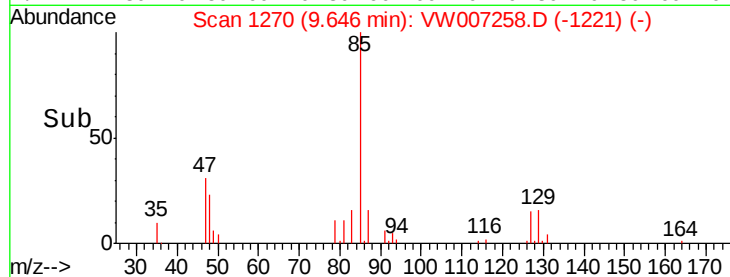
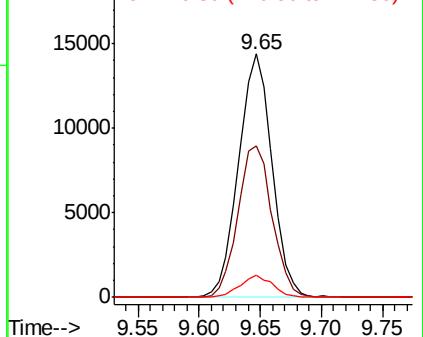
83 100

85 62.3 50.6 76.0

127 9.1 7.3 10.9



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



#48

Methyl methacrylate

Concen: 19.487 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

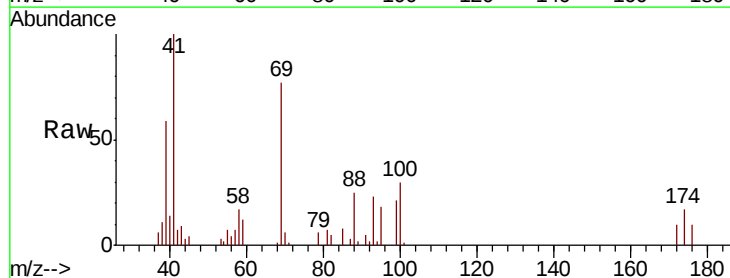
Tgt Ion: 41 Resp: 10261

Ion Ratio Lower Upper

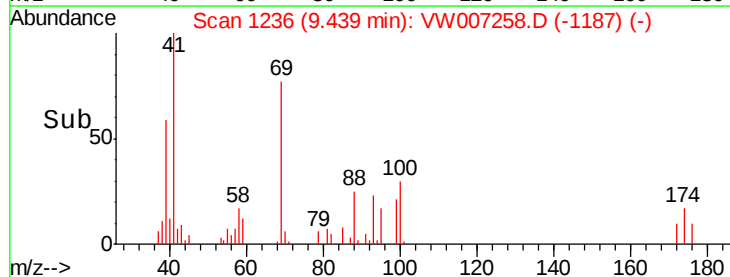
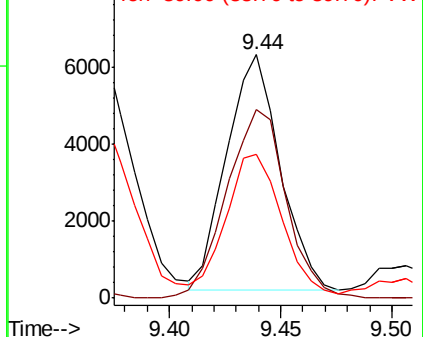
41 100

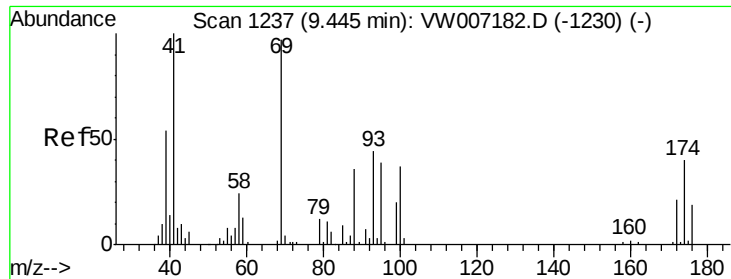
69 88.8 69.6 104.4

39 60.3 42.4 63.6



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

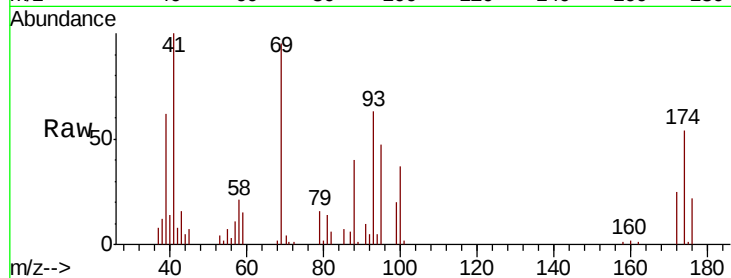




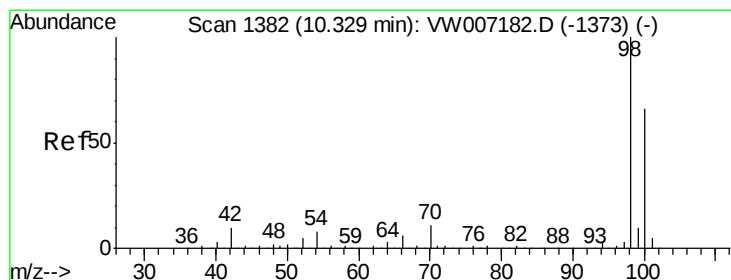
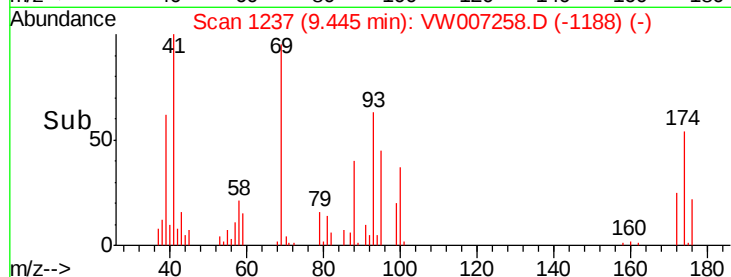
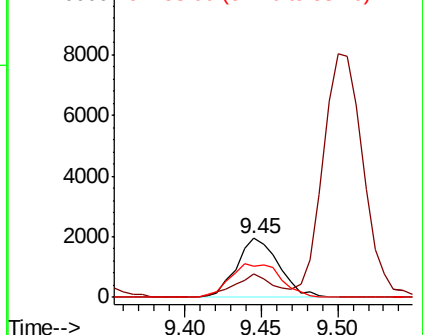
#49
1,4-Dioxane
Concen: 446.402 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tot Ion: 88 Resp: 3734
Ion Ratio Lower Upper
88 100
43 37.2 25.8 38.8
58 67.9 58.9 88.3

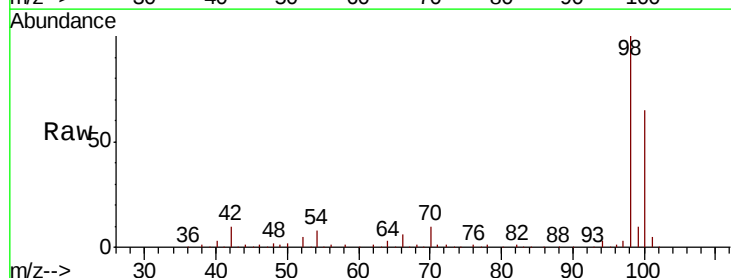


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

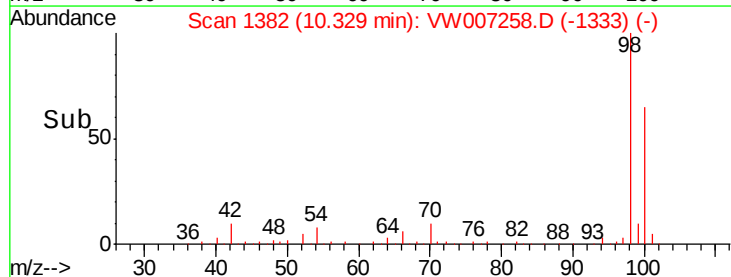
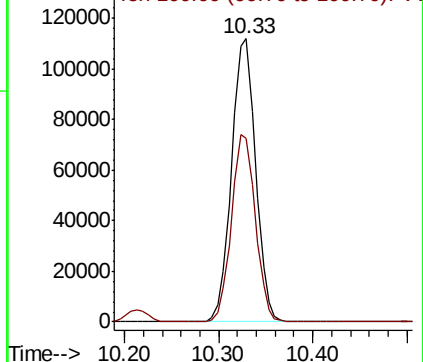


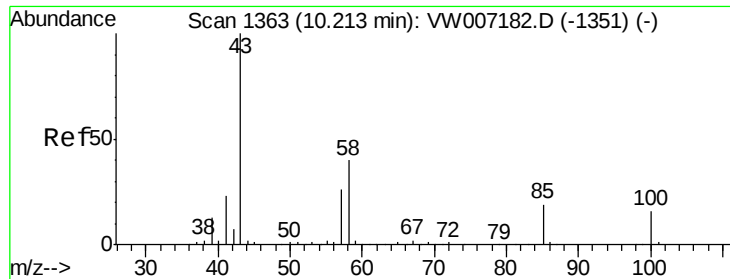
#50
Toluene-d8
Concen: 53.224 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 98 Resp: 199237
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 99.918 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

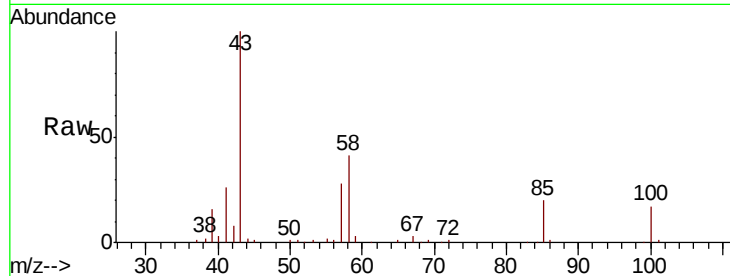
VW1205SBSD02

Tot Ion: 43 Resp: 49955

Ion Ratio Lower Upper

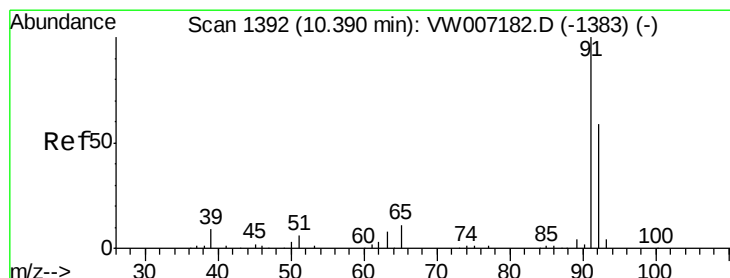
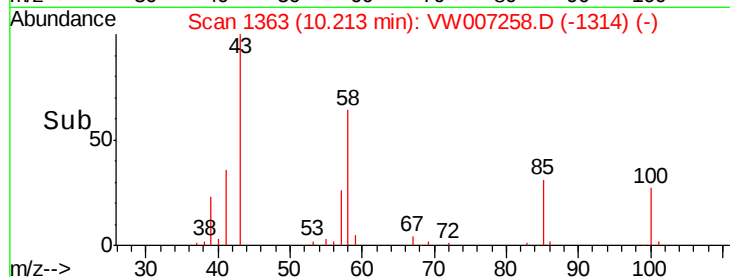
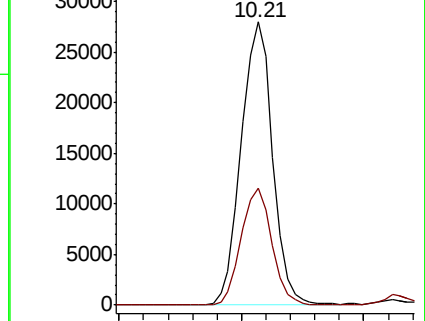
43 100

58 40.3 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.645 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007258.D

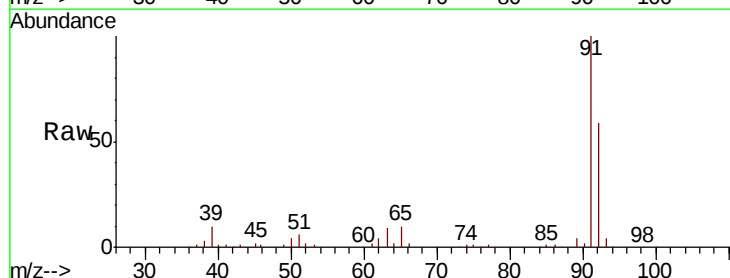
Acq: 06 Dec 2018 04:57

Tgt Ion: 92 Resp: 56867

Ion Ratio Lower Upper

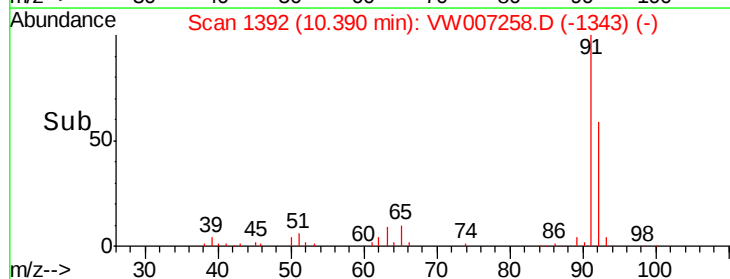
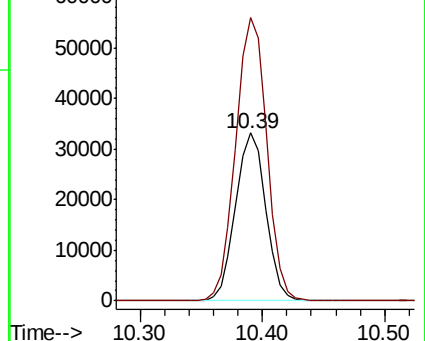
92 100

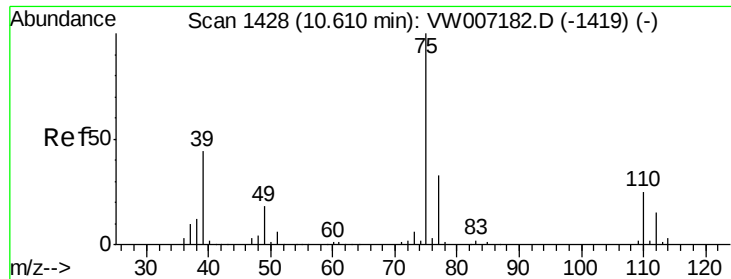
91 173.0 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.894 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

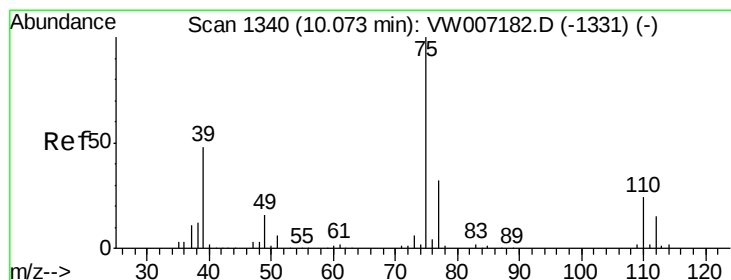
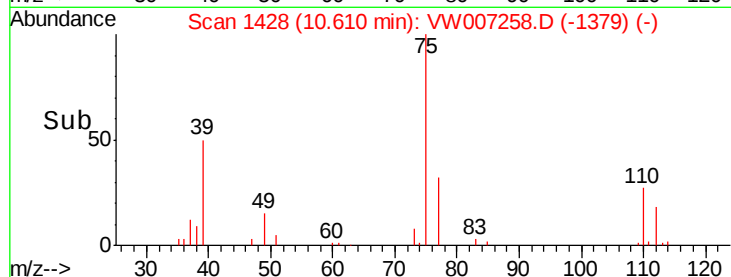
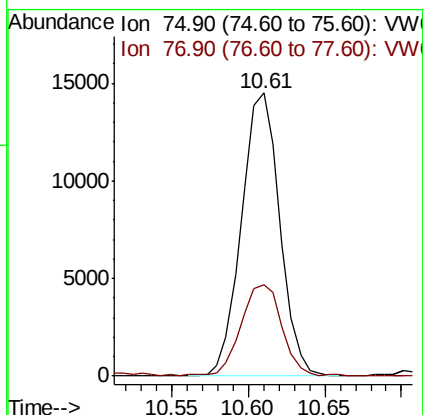
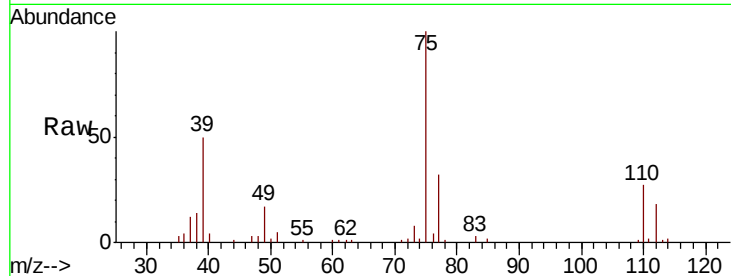
VW1205SBSD02

Tot Ion: 75 Resp: 25192

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 20.335 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

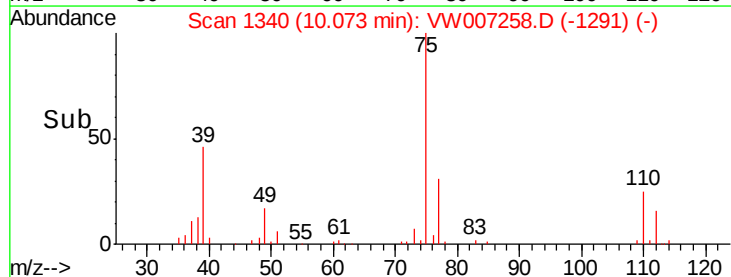
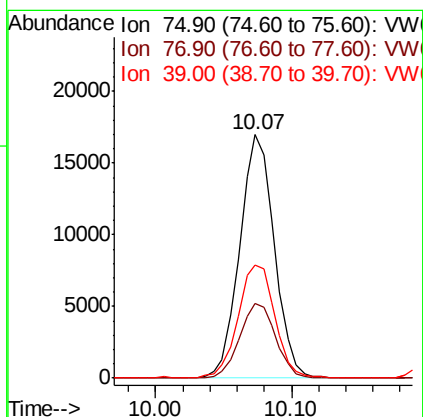
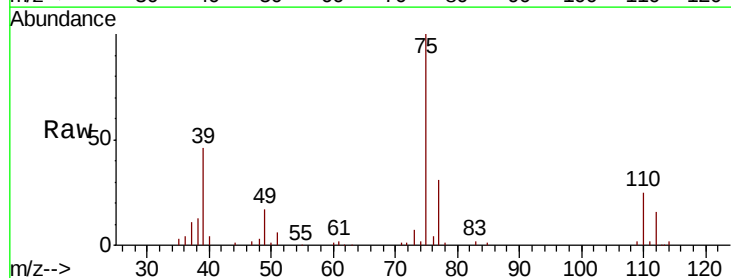
Tgt Ion: 75 Resp: 30178

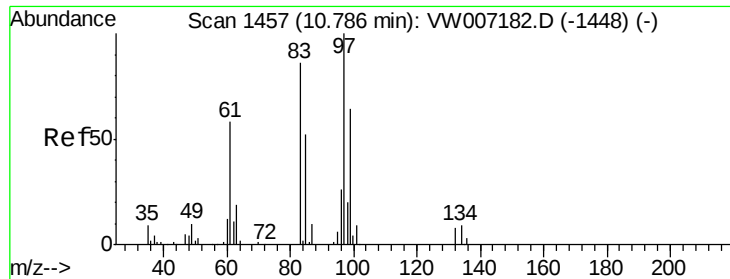
Ion Ratio Lower Upper

75 100

77 30.6 26.0 39.0

39 46.5 38.0 57.0

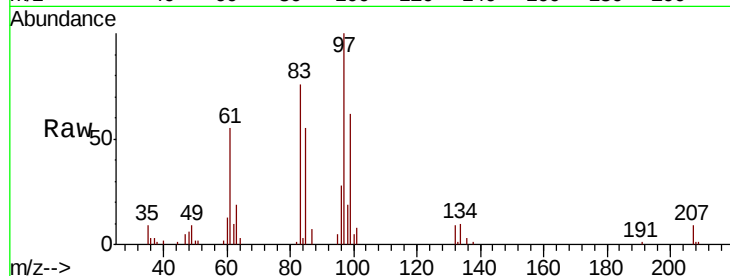




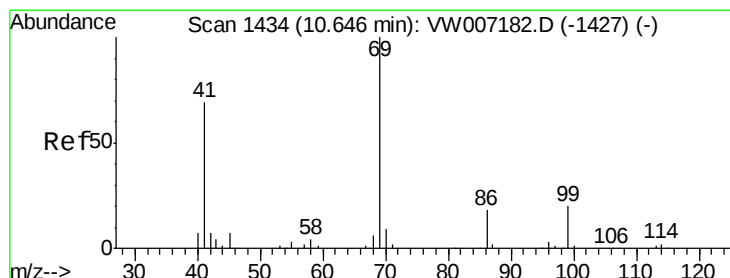
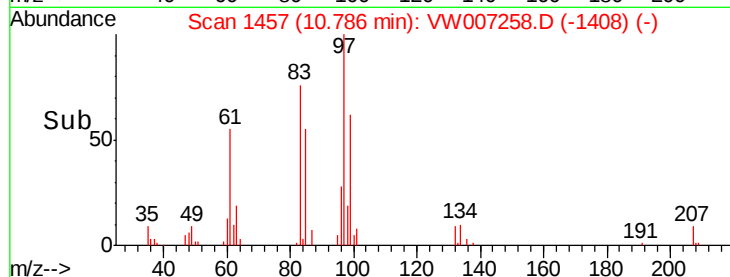
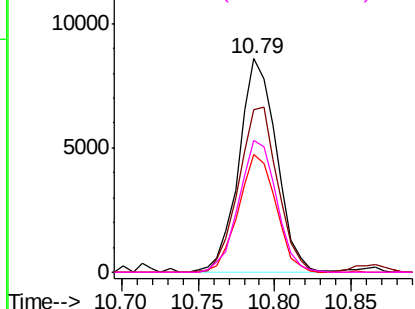
#55
 1,1,2-Trichloroethane
 Concen: 21.631 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

Tot Ion: 97 Resp: 14733
 Ion Ratio Lower Upper
 97 100
 83 76.3 68.6 102.8
 85 55.3 41.4 62.2
 99 61.7 51.2 76.8

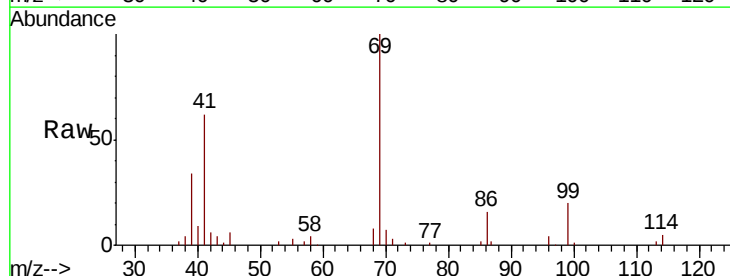


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

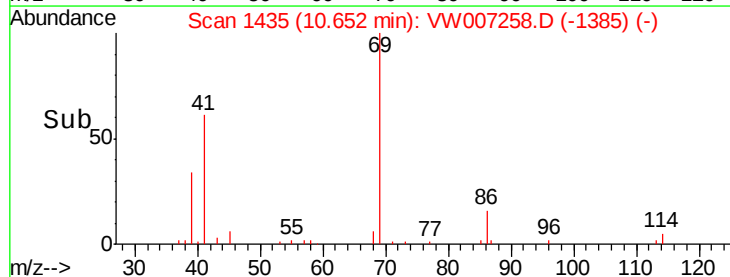
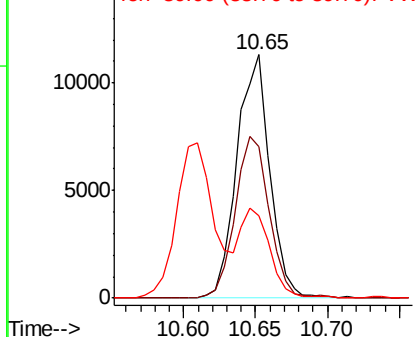


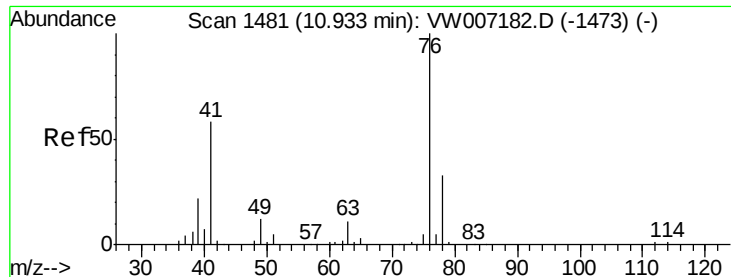
#56
 Ethyl methacrylate
 Concen: 20.171 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 69 Resp: 17921
 Ion Ratio Lower Upper
 69 100
 41 68.8 51.8 77.6
 39 32.7 28.7 43.1



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

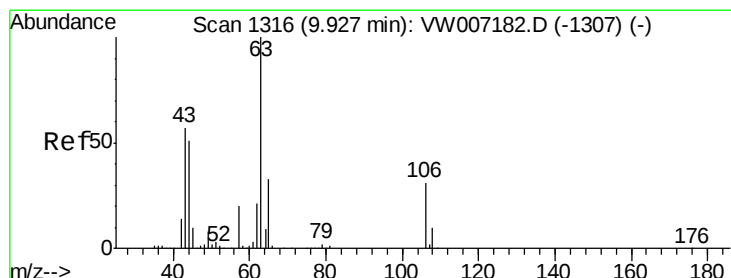
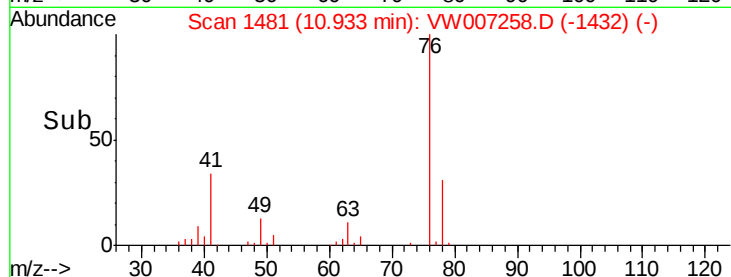
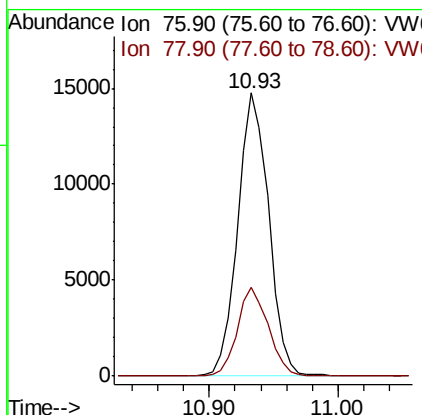
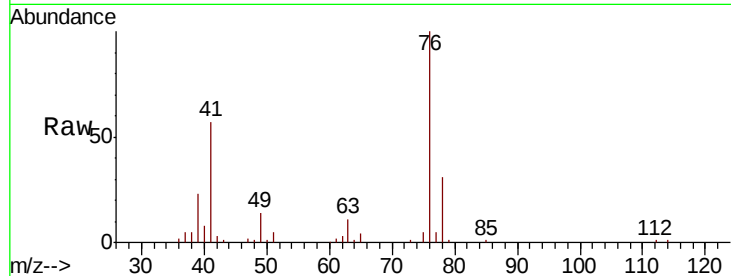




#57
 1,3-Dichloropropane
 Concen: 21.303 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

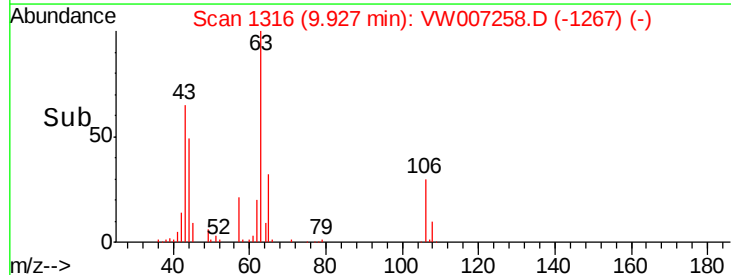
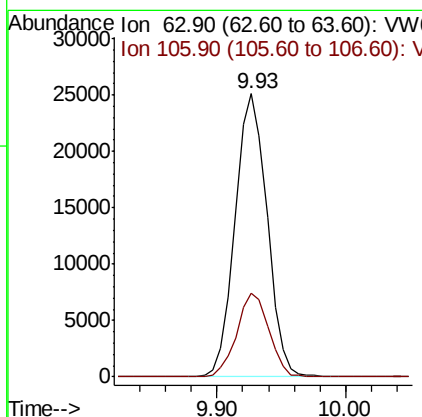
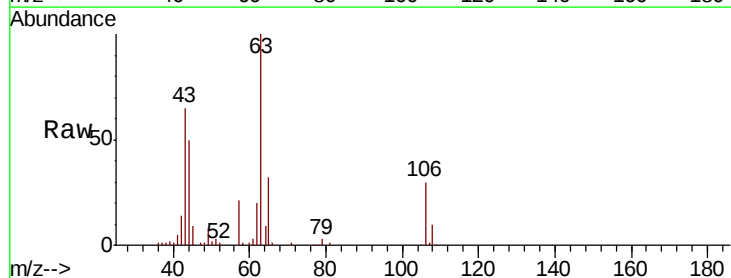
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

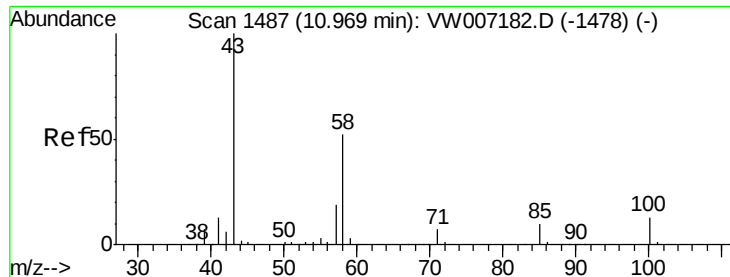
Tot Ion: 76 Resp: 24496
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.275 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 63 Resp: 43278
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.1 36.1

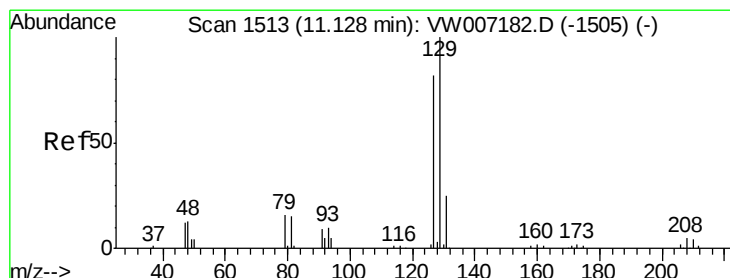
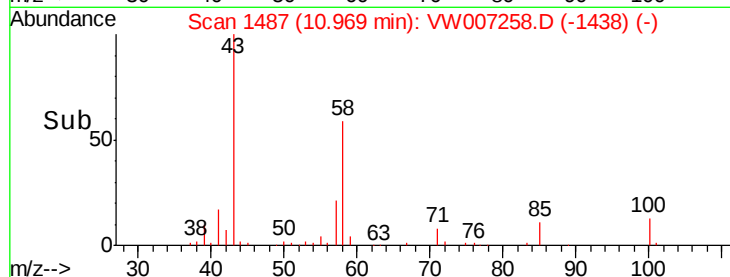
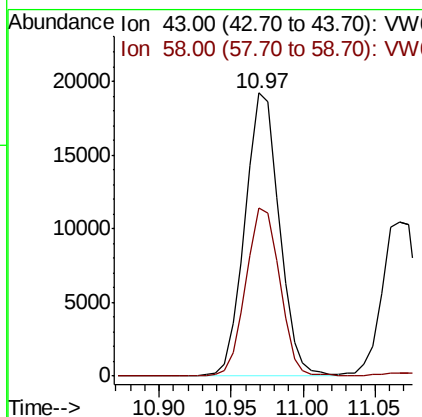
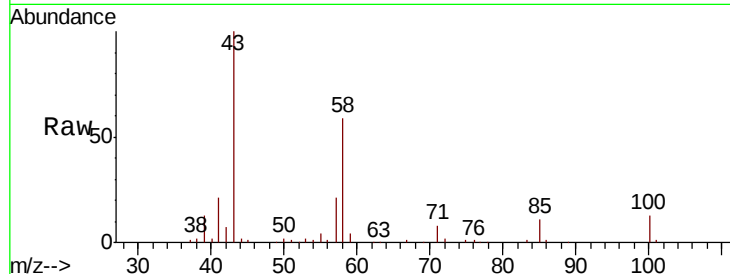




#59
2-Hexanone
Concen: 87.741 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

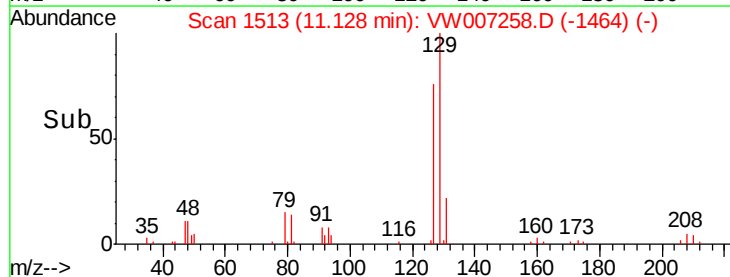
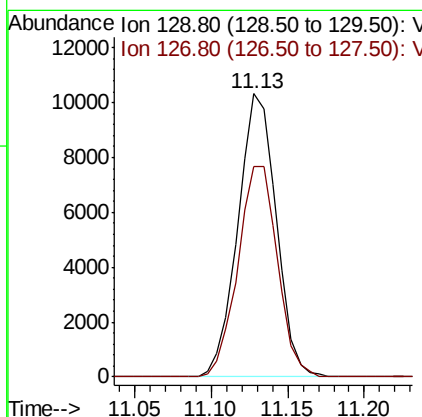
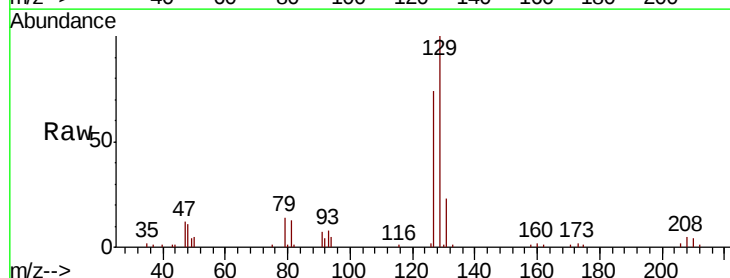
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

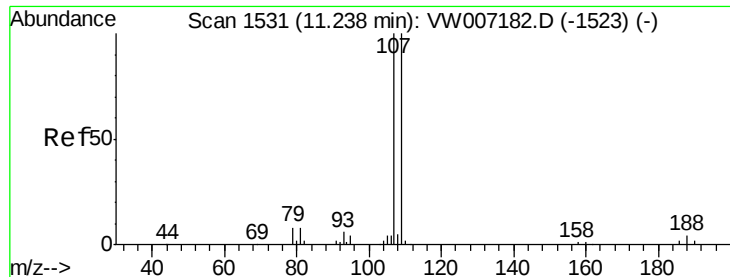
Tot Ion: 43 Resp: 31800
Ion Ratio Lower Upper
43 100
58 58.4 28.1 84.4



#60
Dibromochloromethane
Concen: 21.445 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 129 Resp: 17952
Ion Ratio Lower Upper
129 100
127 76.7 39.8 119.4

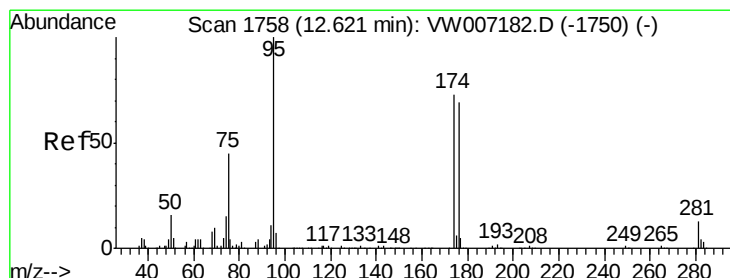
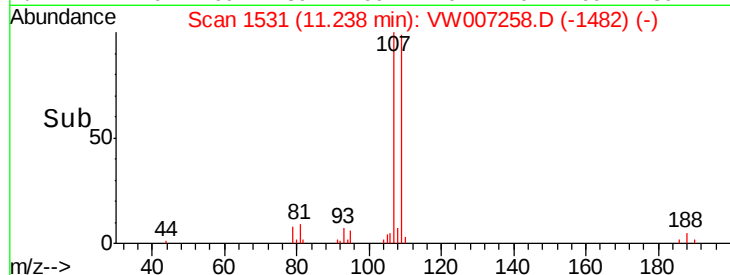
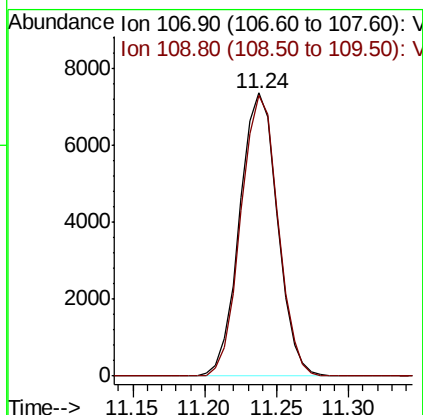
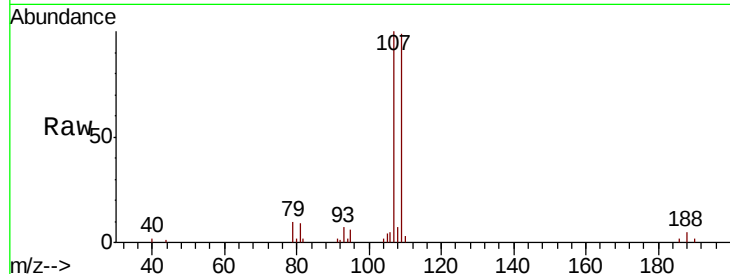




#61
 1,2-Dibromoethane
 Concen: 20.577 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

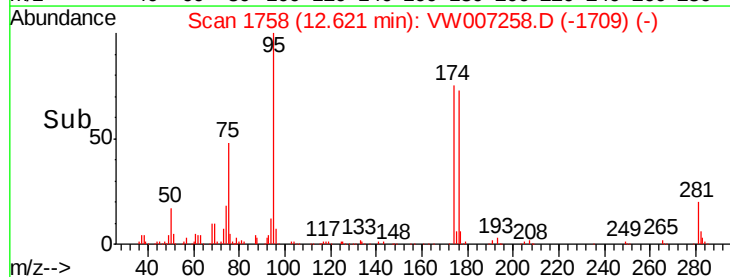
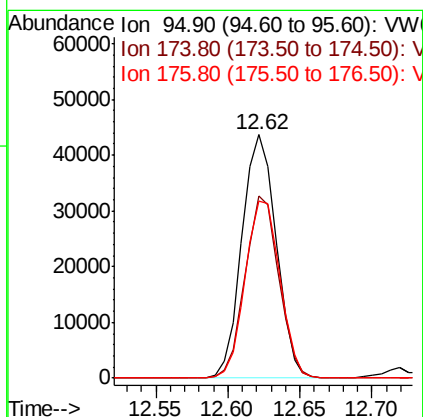
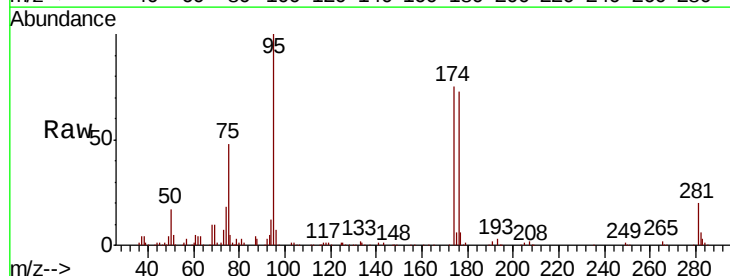
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

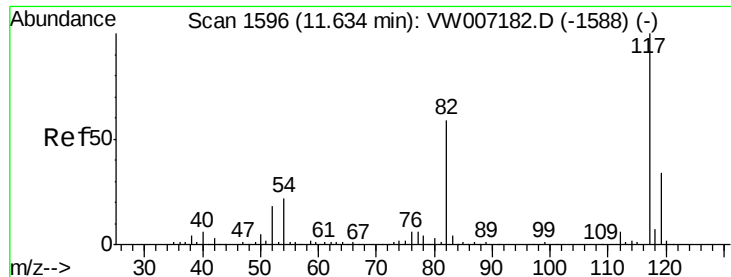
Tot Ion: 107 Resp: 13442
 Ion Ratio Lower Upper
 107 100
 109 97.0 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 51.029 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 95 Resp: 72100
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 148.0
 176 73.9 0.0 139.4

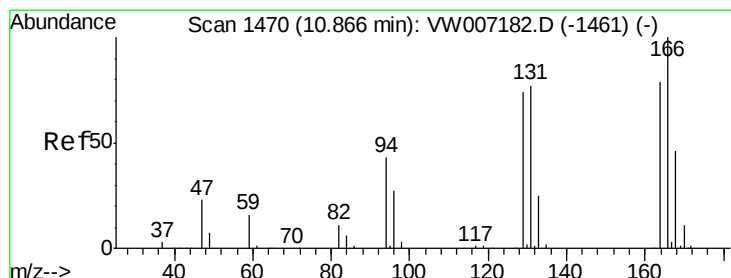
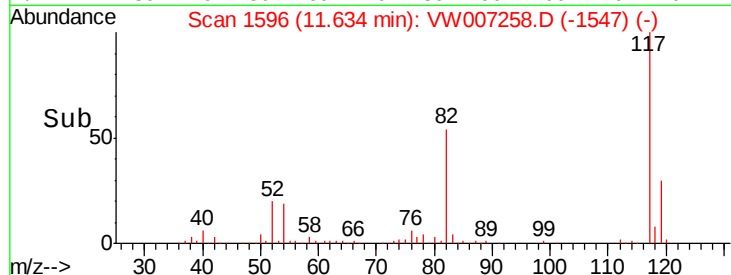
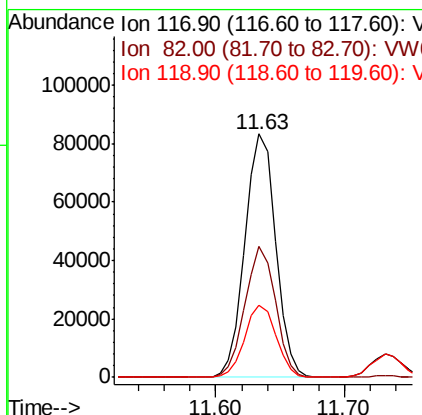
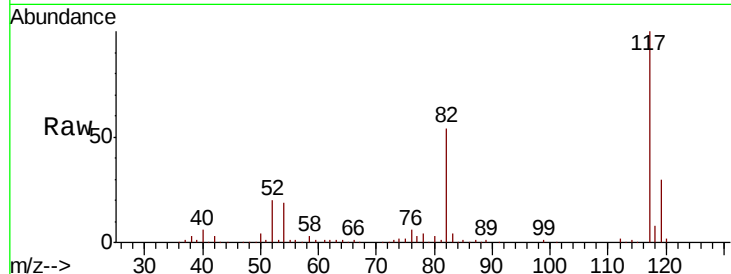




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

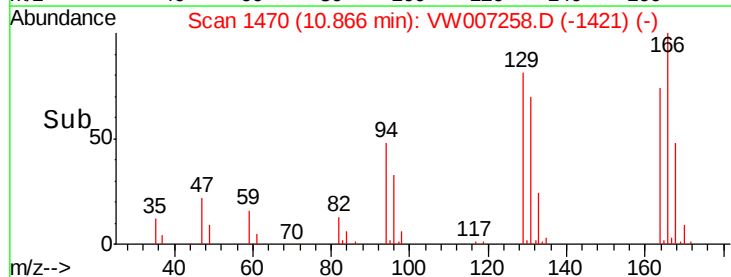
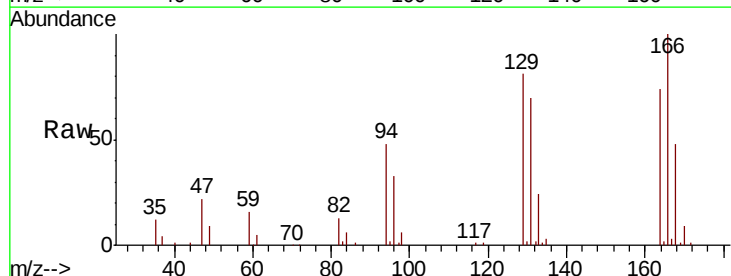
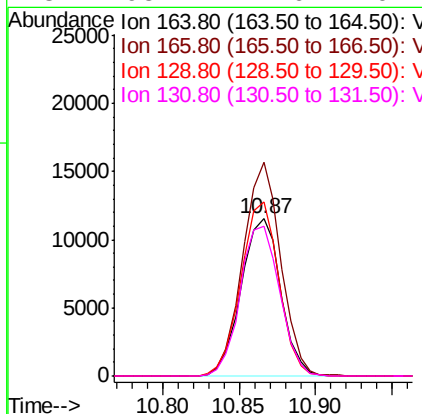
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

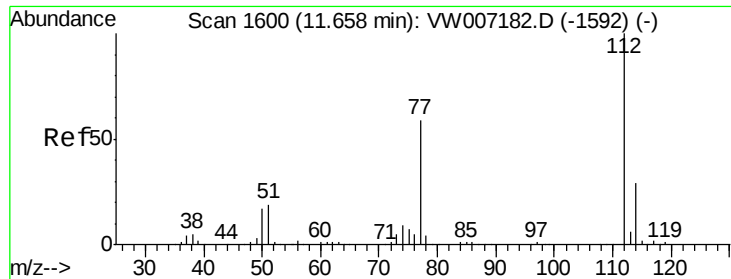
Tot Ion:117 Resp: 137422
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 29.8 26.8 40.2



#64
Tetrachloroethene
Concen: 20.666 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:164 Resp: 20749
Ion Ratio Lower Upper
164 100
166 136.0 101.0 151.4
129 110.5 74.6 111.8
131 95.7 77.6 116.4

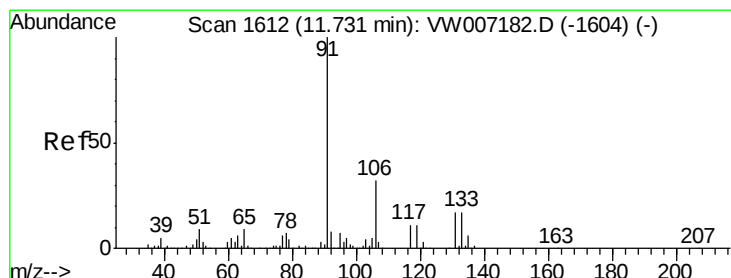
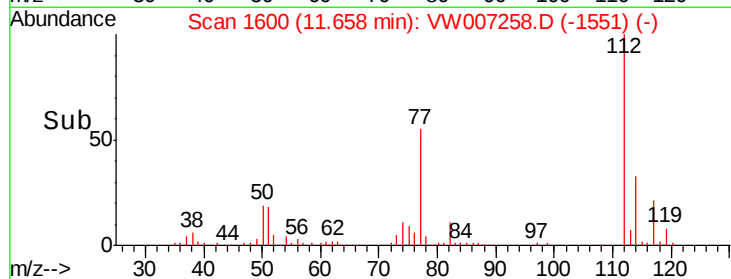
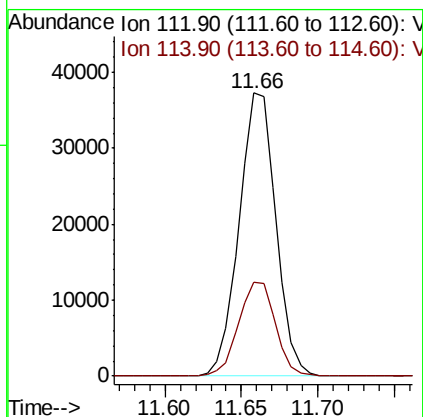
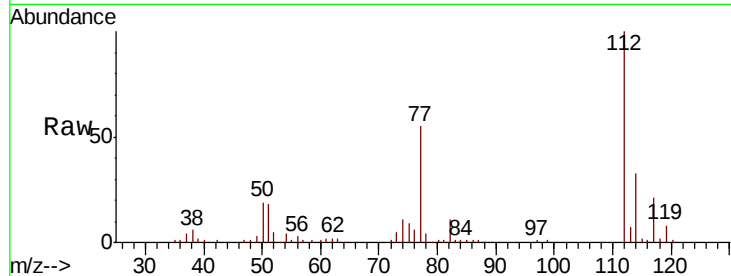




#65
Chlorobenzene
Concen: 20.293 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

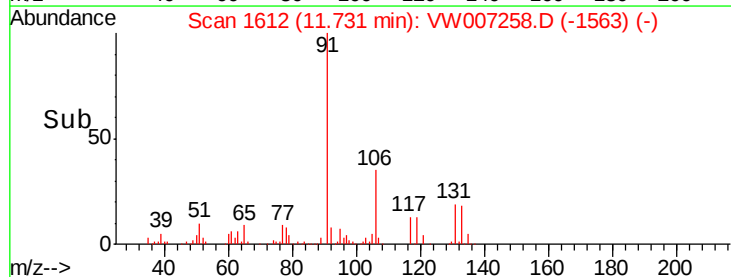
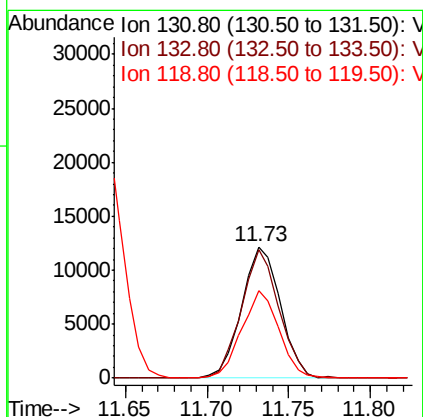
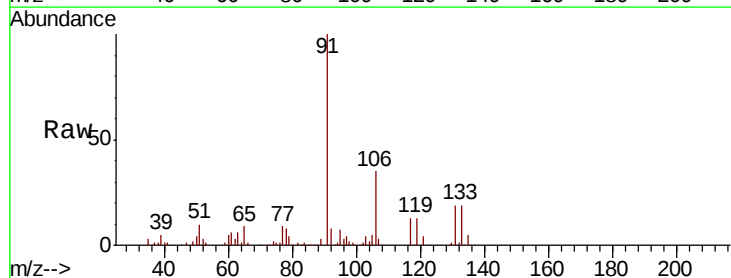
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tot Ion:112 Resp: 62283
Ion Ratio Lower Upper
112 100
114 33.3 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.268 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:131 Resp: 20159
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 64.2 32.8 98.4

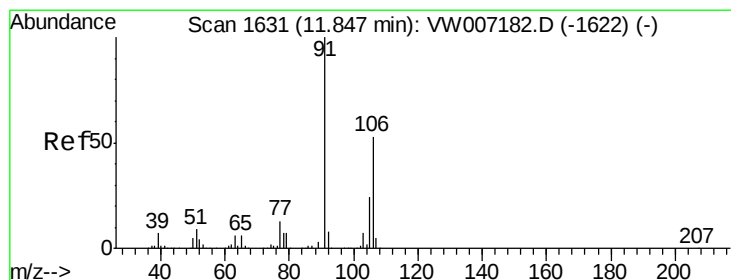
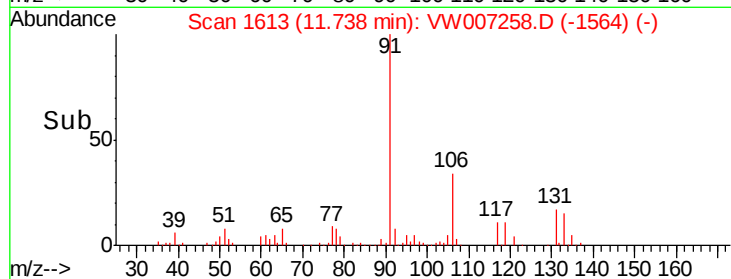
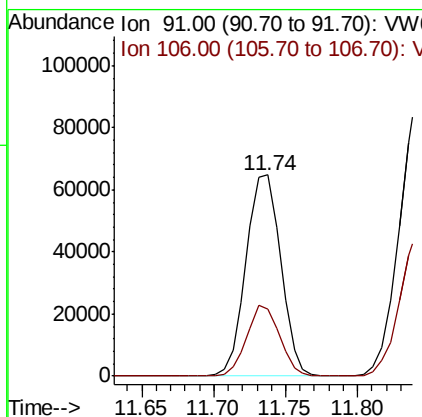
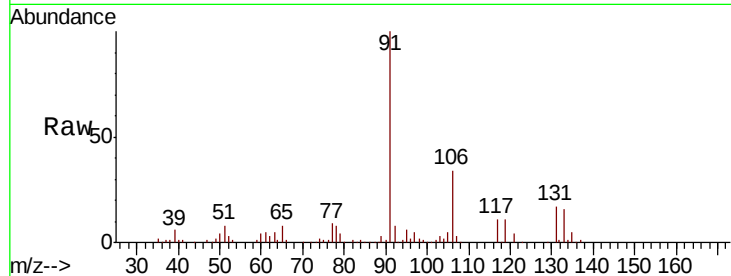




#67
Ethyl Benzene
Concen: 19.394 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

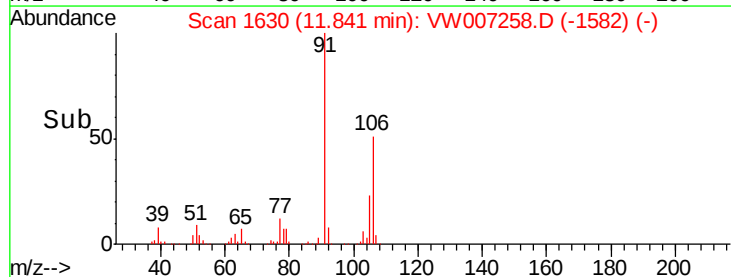
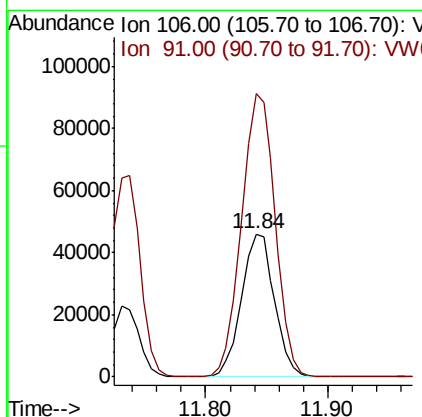
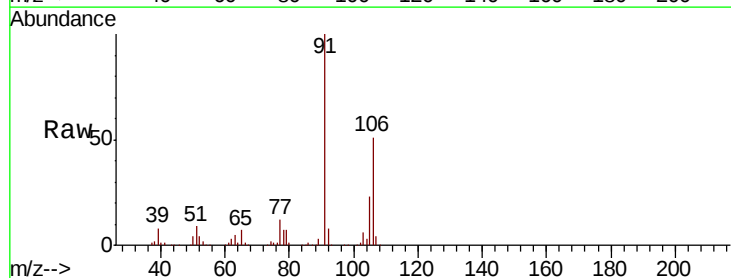
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tot Ion: 91 Resp: 108488
Ion Ratio Lower Upper
91 100
106 33.6 26.0 39.0



#68
m/p-Xylenes
Concen: 39.105 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 106 Resp: 85814
Ion Ratio Lower Upper
106 100
91 203.2 160.2 240.4

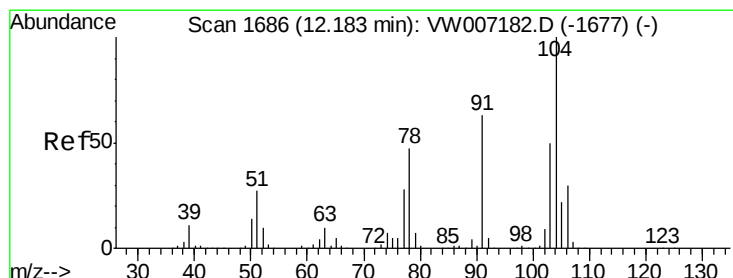
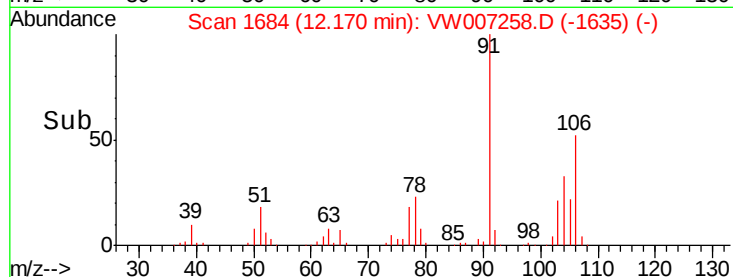
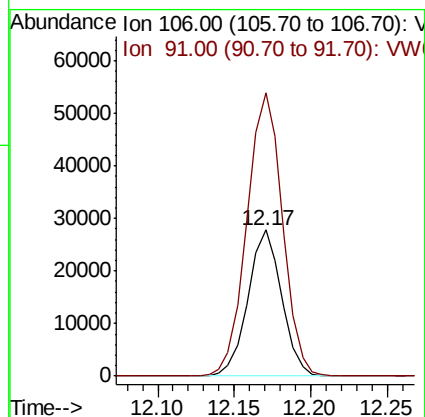
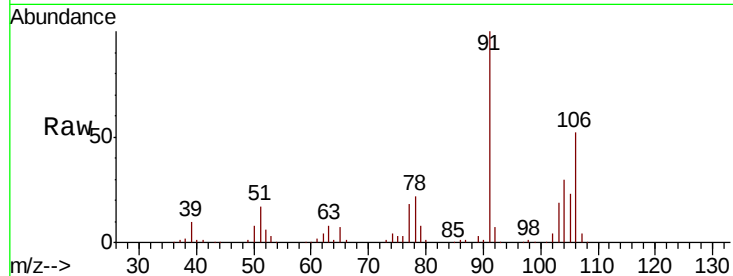




#69
o-Xylene
Concen: 20.670 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

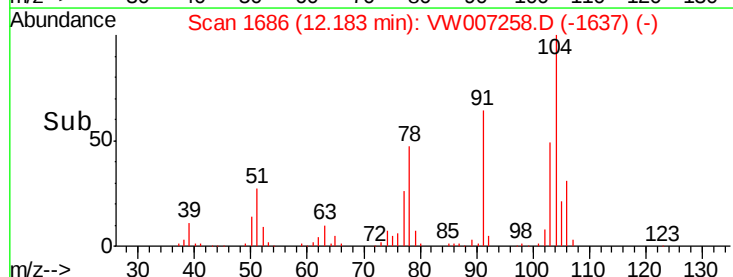
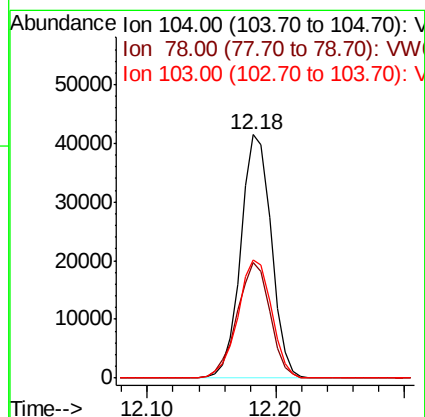
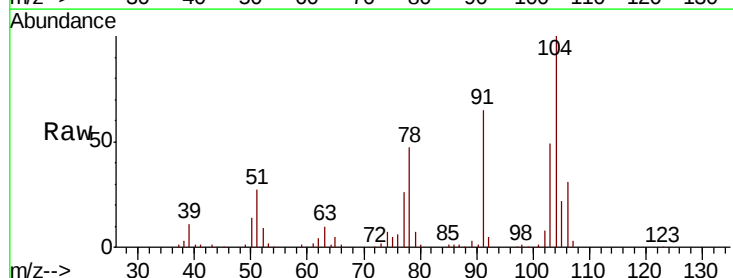
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

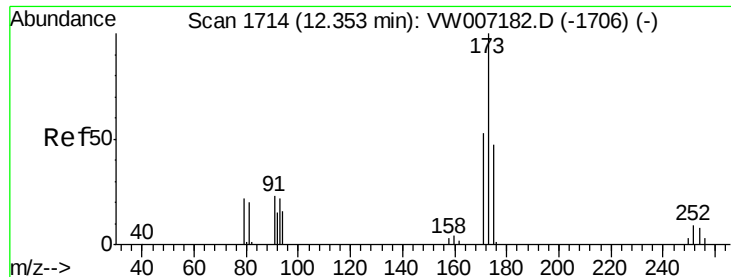
Tot Ion:106 Resp: 42379
Ion Ratio Lower Upper
106 100
91 205.6 104.9 314.7



#70
Styrene
Concen: 20.235 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:104 Resp: 67914
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 54.0 43.0 64.4





#71

Bromoform

Concen: 20.321 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

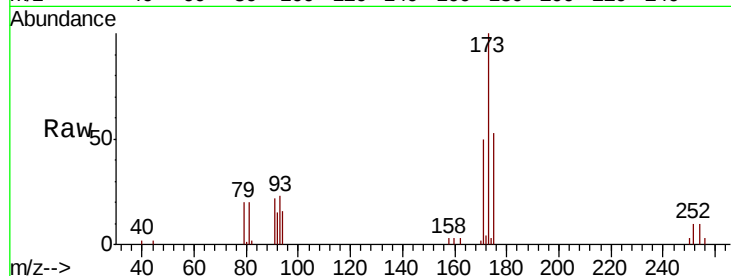
Tot Ion:173 Resp: 9642

Ion Ratio Lower Upper

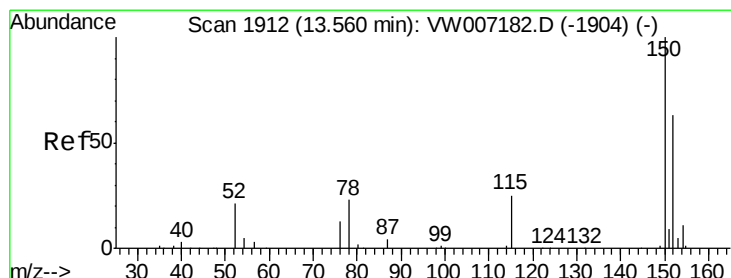
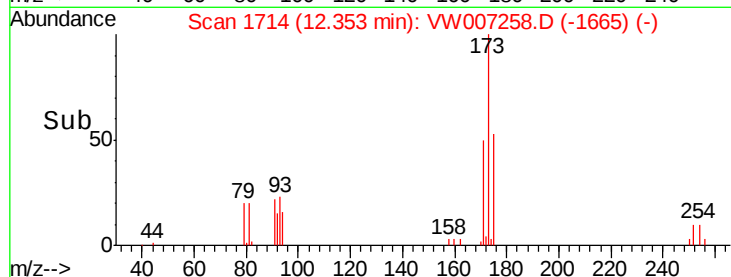
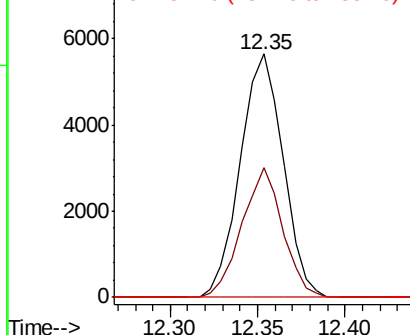
173 100

175 50.3 24.0 72.0

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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

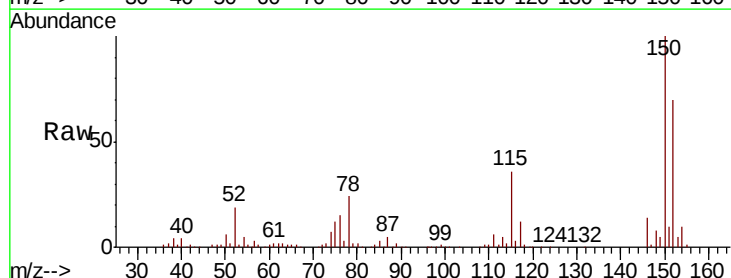
Tgt Ion:152 Resp: 68188

Ion Ratio Lower Upper

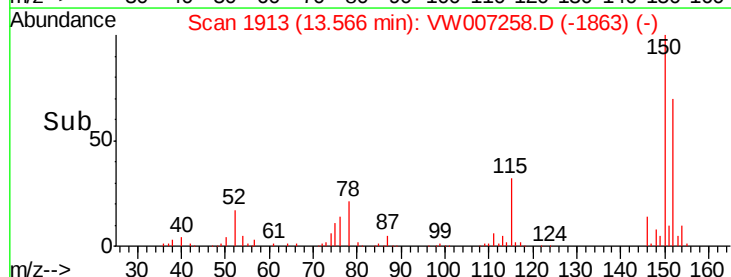
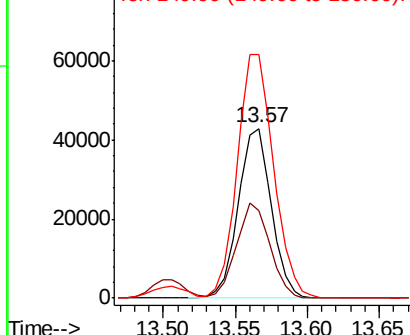
152 100

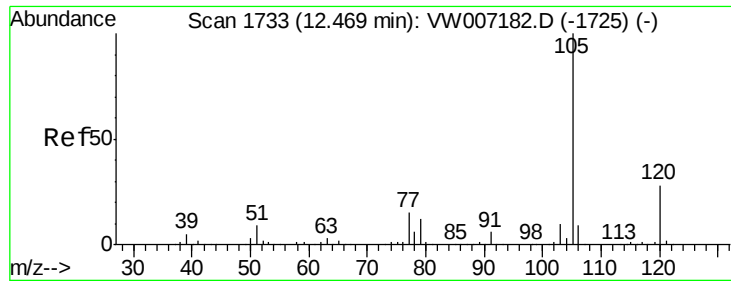
115 57.0 31.3 93.8

150 158.1 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.209 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

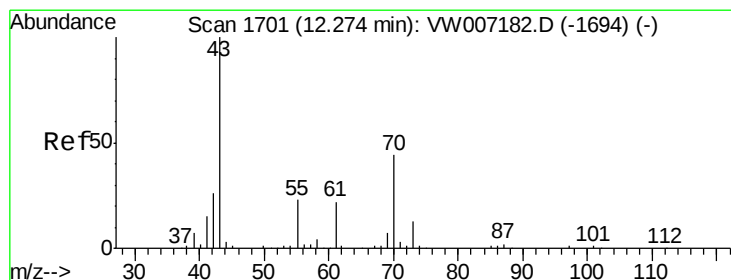
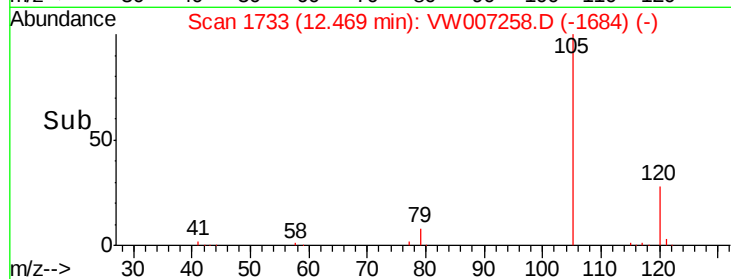
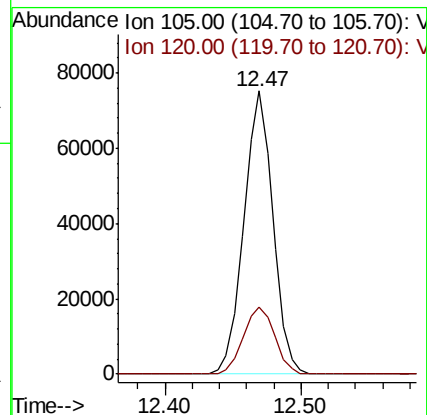
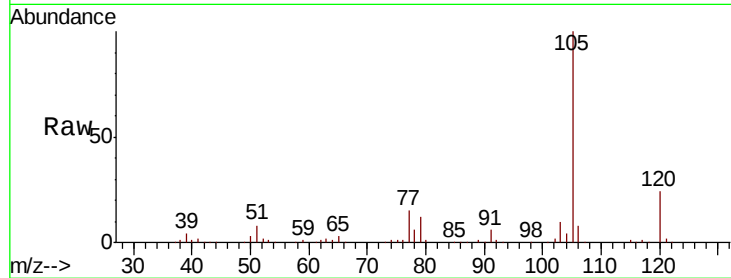
VW1205SBSD02

Tot Ion:105 Resp: 112076

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.6



#74

N-ethyl acetate

Concen: 19.542 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion: 43 Resp: 19215

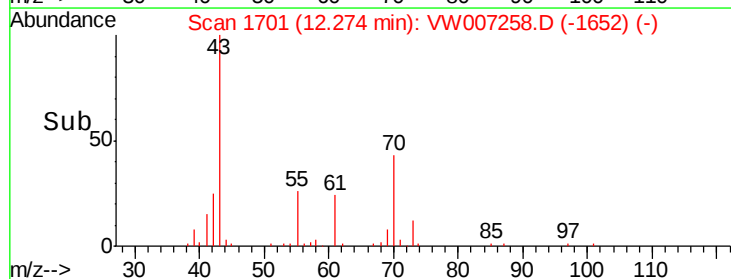
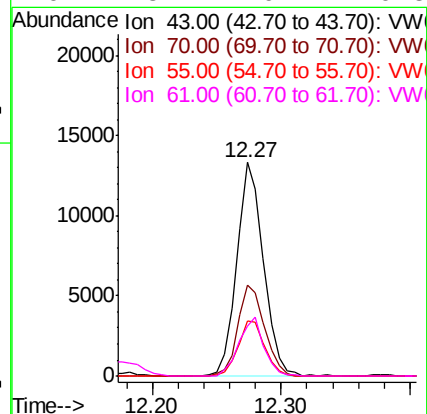
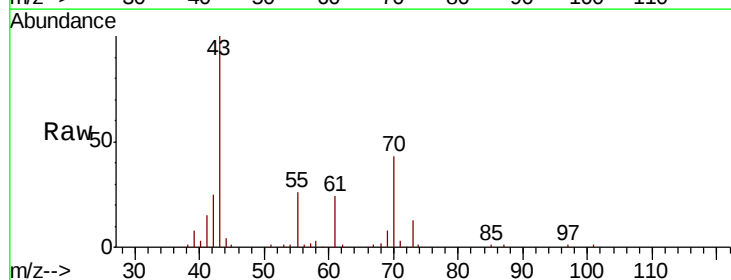
Ion Ratio Lower Upper

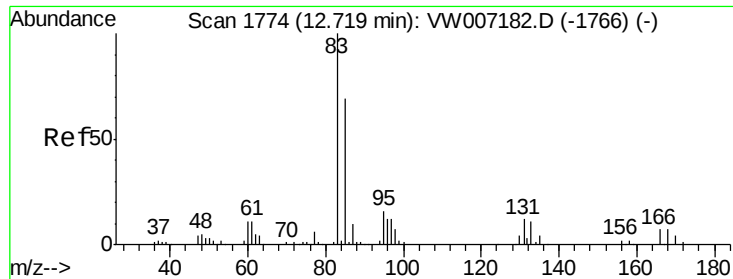
43 100

70 42.7 34.0 51.0

55 25.6 19.0 28.6

61 25.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.683 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

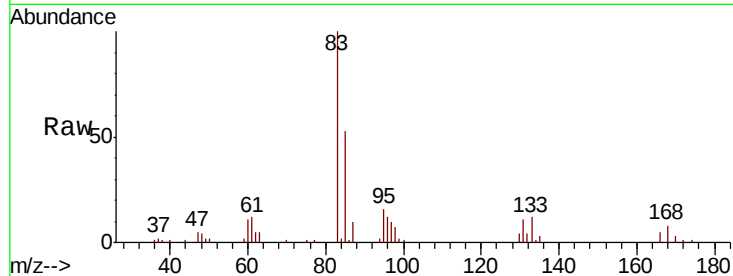
Tot Ion: 83 Resp: 14897

Ion Ratio Lower Upper

83 100

131 13.1 6.0 18.1

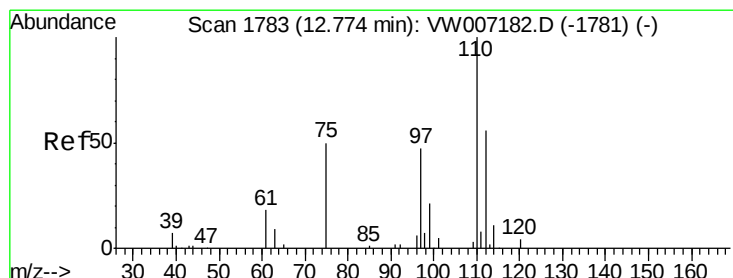
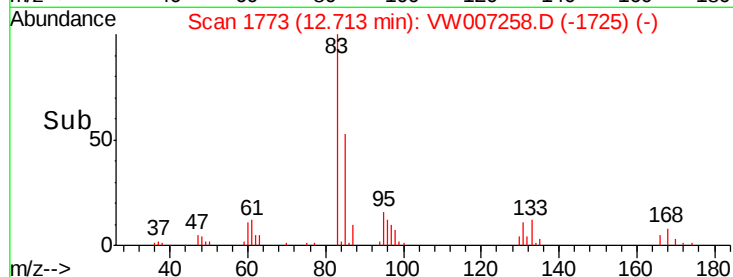
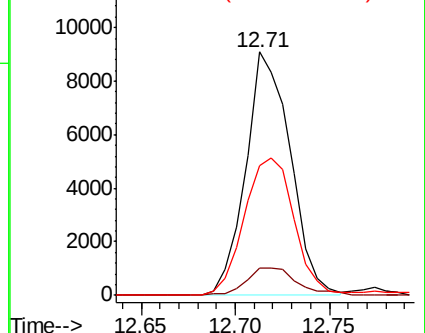
85 63.6 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.923 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW007258.D

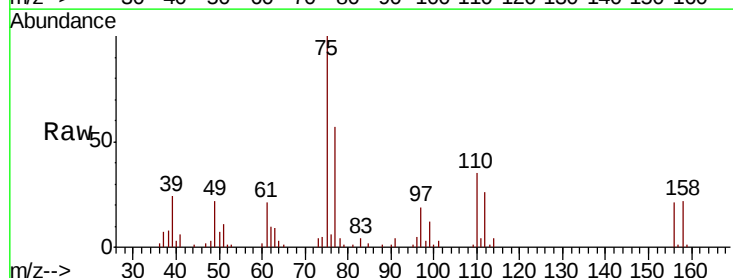
Acq: 06 Dec 2018 04:57

Tgt Ion: 75 Resp: 21079

Ion Ratio Lower Upper

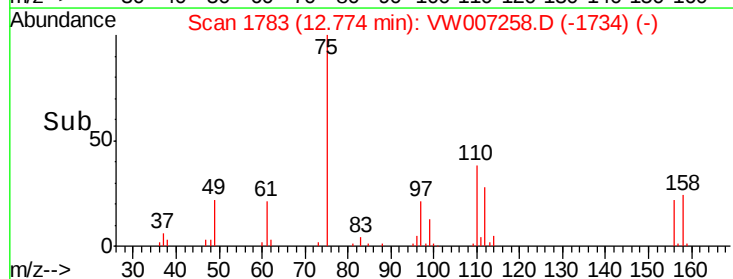
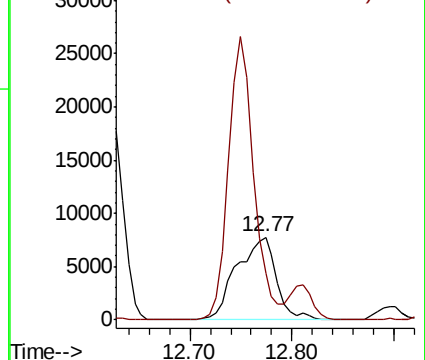
75 100

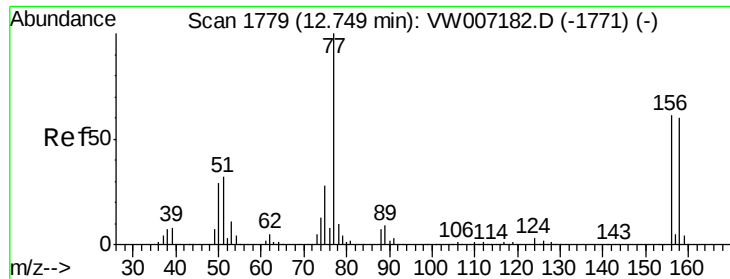
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.380 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

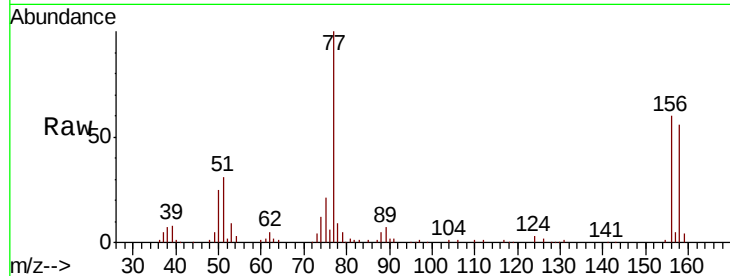
Tot Ion:156 Resp: 25594

Ion Ratio Lower Upper

156 100

77 178.1 92.0 276.1

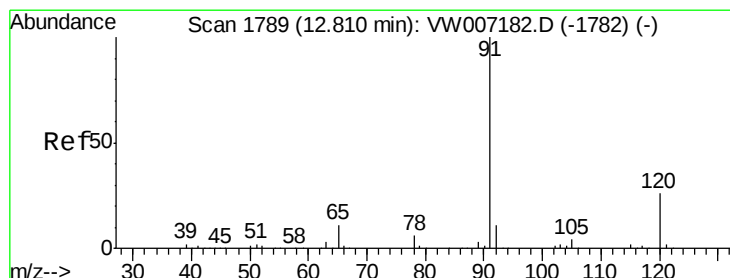
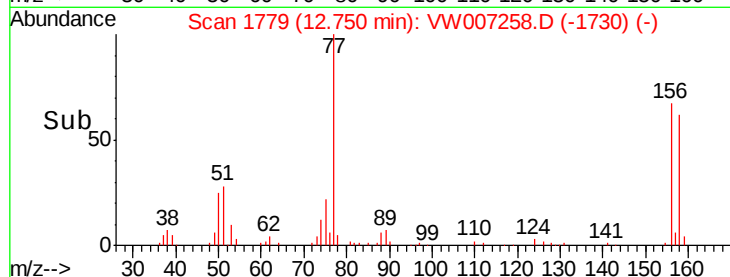
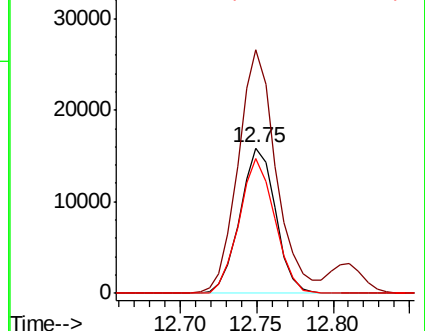
158 92.9 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.836 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007258.D

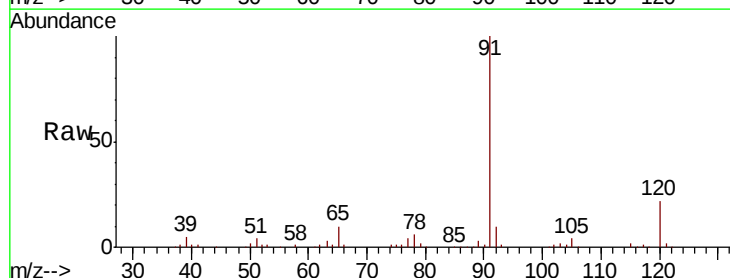
Acq: 06 Dec 2018 04:57

Tgt Ion: 91 Resp: 131065

Ion Ratio Lower Upper

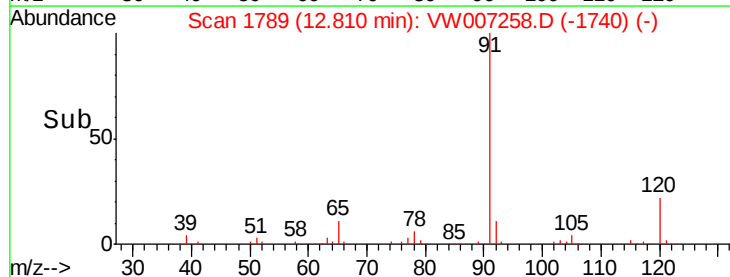
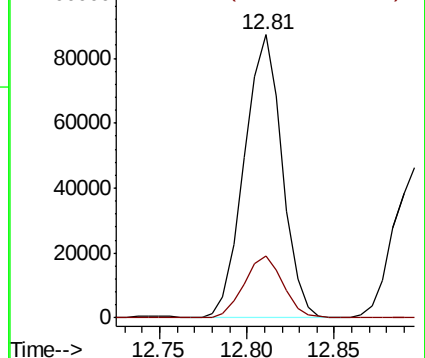
91 100

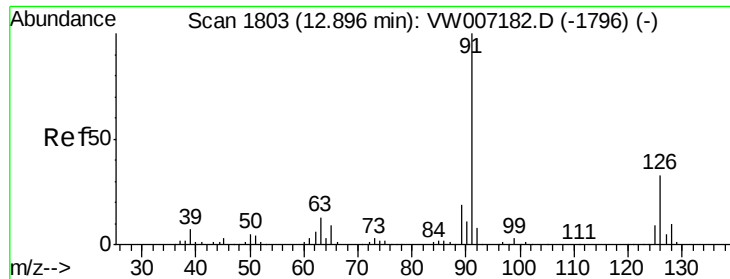
120 22.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.242 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

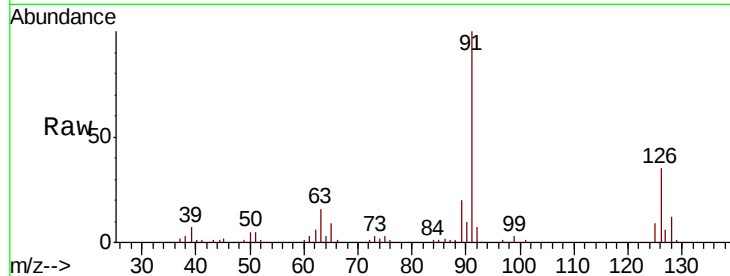
VW1205SBSD02

Tot Ion: 91 Resp: 75527

Ion Ratio Lower Upper

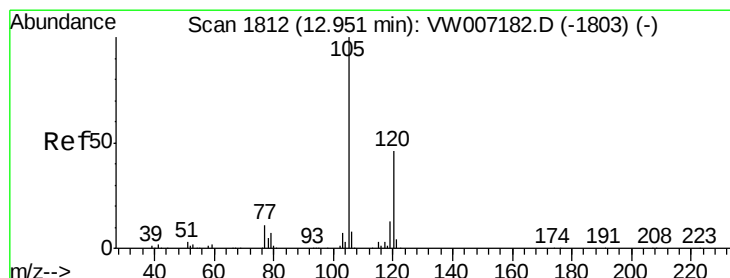
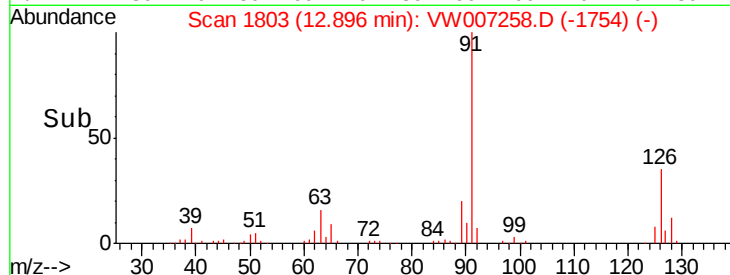
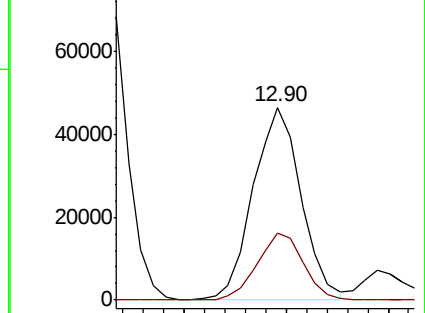
91 100

126 33.9 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.202 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007258.D

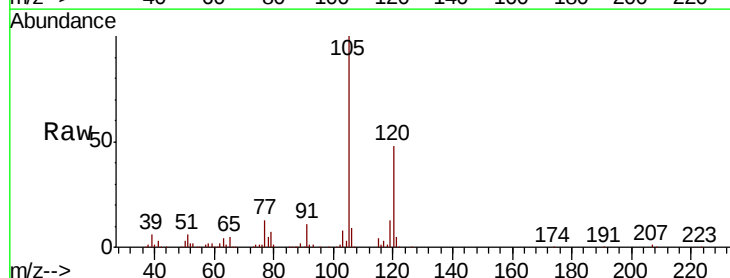
Acq: 06 Dec 2018 04:57

Tgt Ion:105 Resp: 91102

Ion Ratio Lower Upper

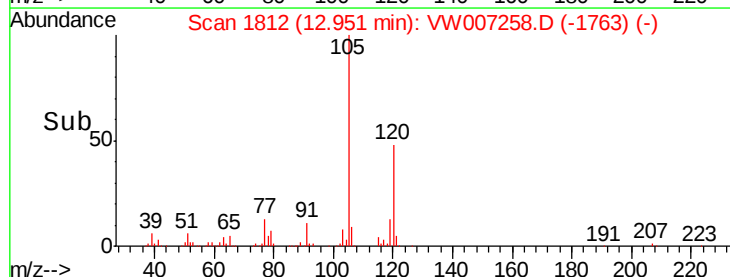
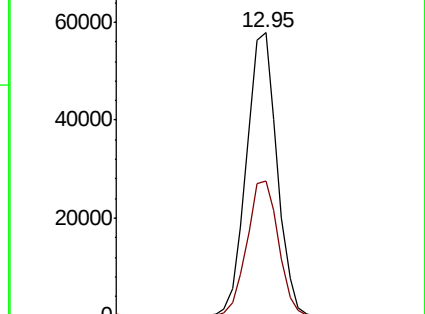
105 100

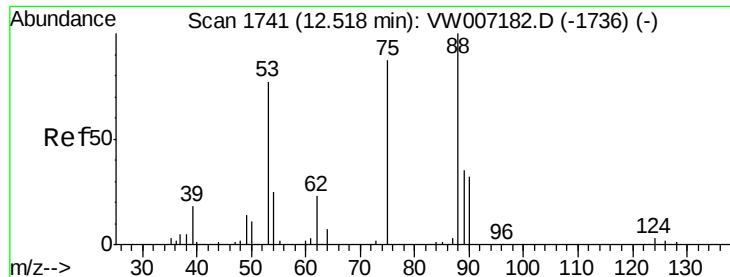
120 49.0 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.835 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

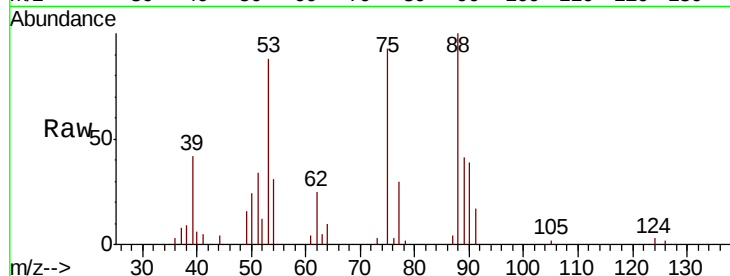
Tot Ion: 75 Resp: 4614

Ion Ratio Lower Upper

75 100

53 97.4 72.8 109.2

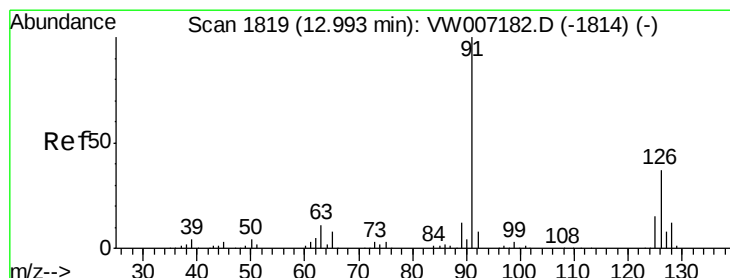
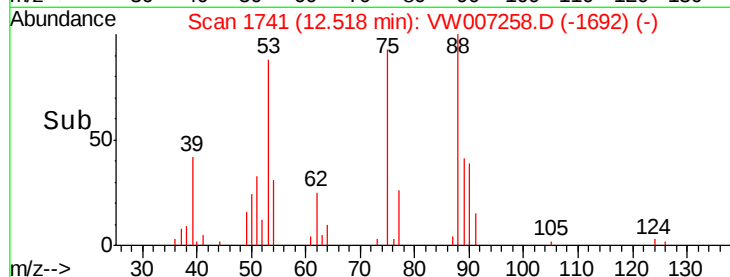
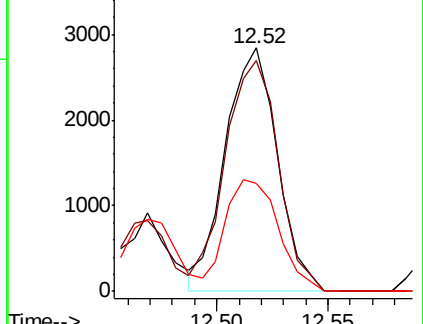
89 46.6 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.758 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007258.D

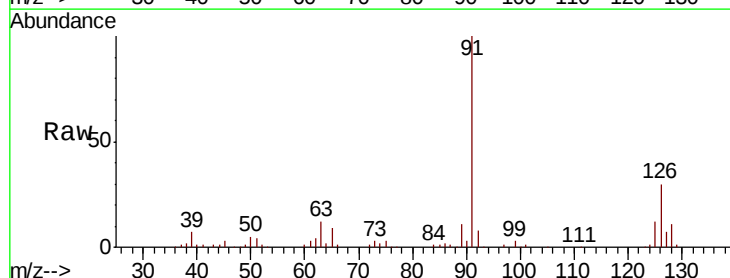
Acq: 06 Dec 2018 04:57

Tgt Ion: 91 Resp: 82394

Ion Ratio Lower Upper

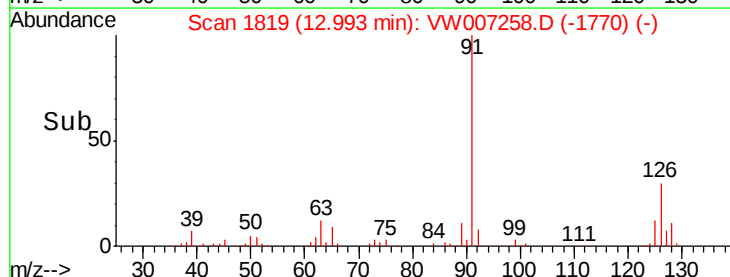
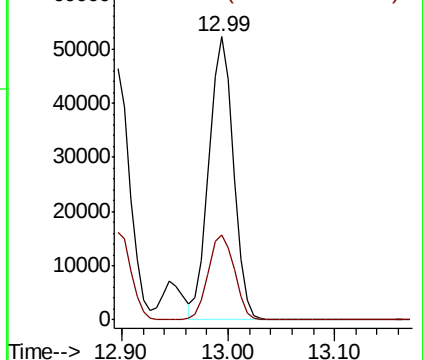
91 100

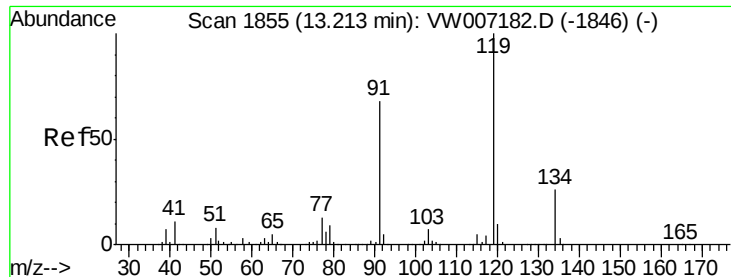
126 32.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.070 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

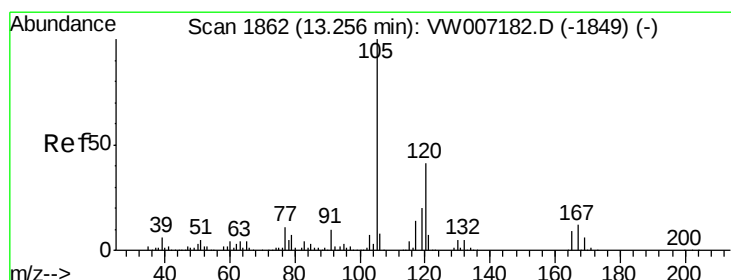
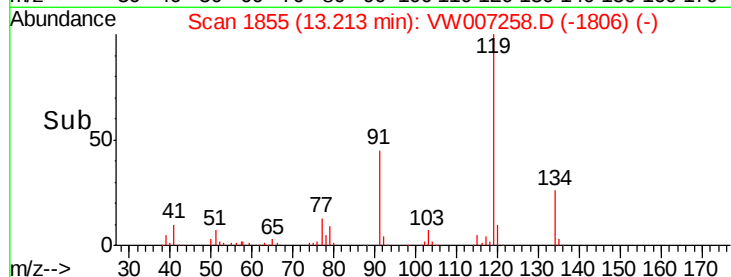
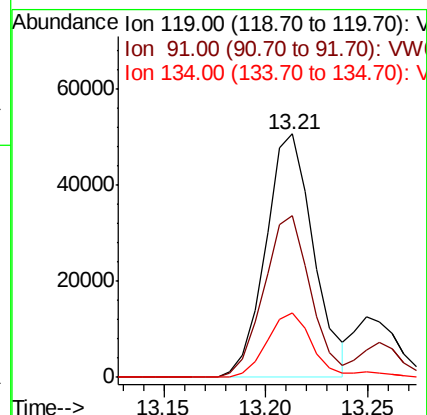
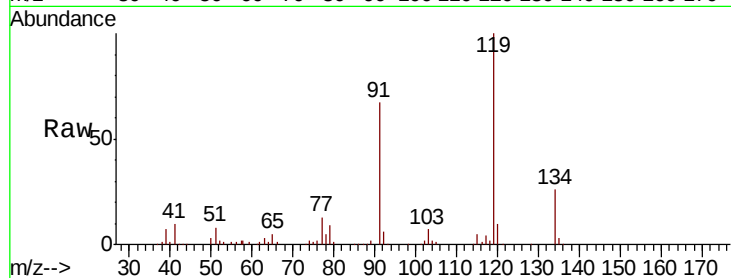
Tot Ion:119 Resp: 83214

Ion Ratio Lower Upper

119 100

91 64.9 34.0 101.8

134 24.9 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 19.426 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW007258.D

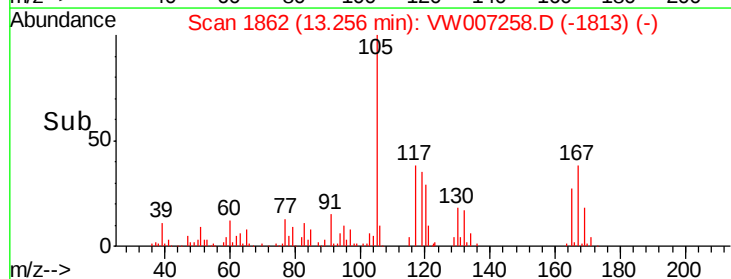
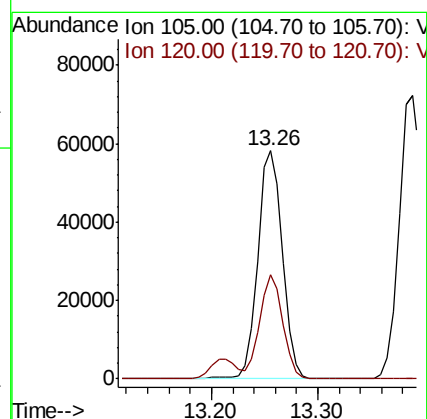
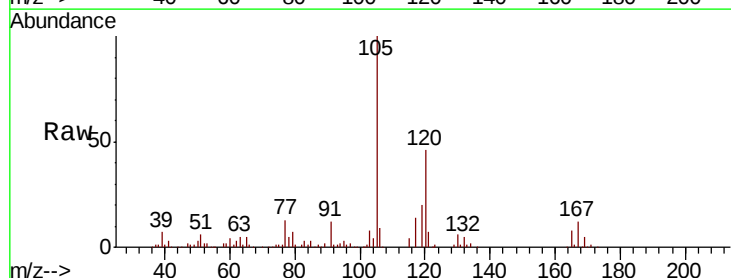
Acq: 06 Dec 2018 04:57

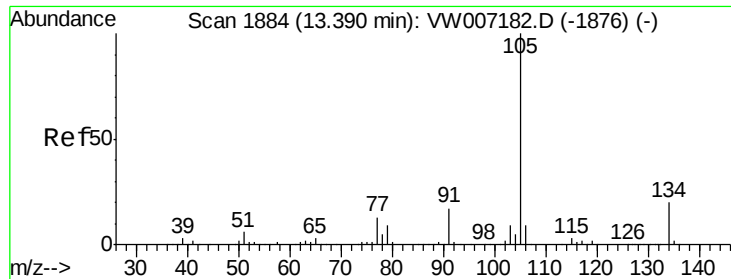
Tgt Ion:105 Resp: 94081

Ion Ratio Lower Upper

105 100

120 42.8 21.1 63.3

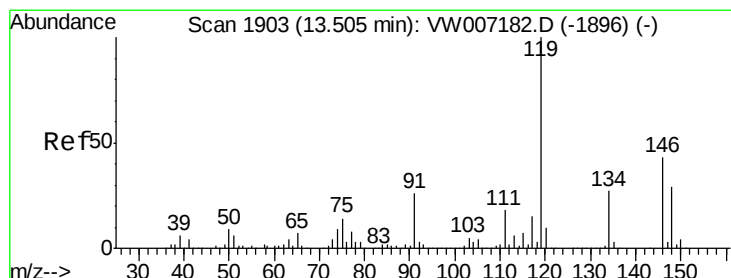
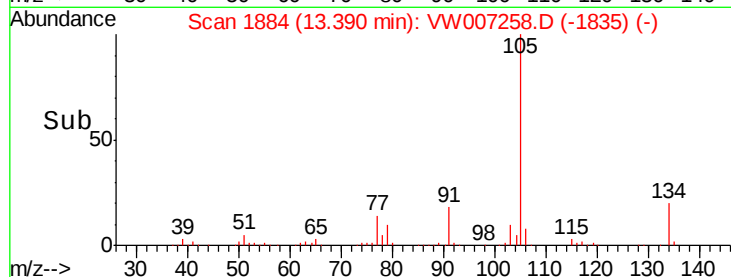
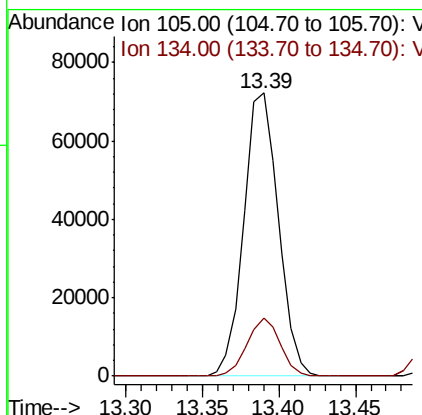
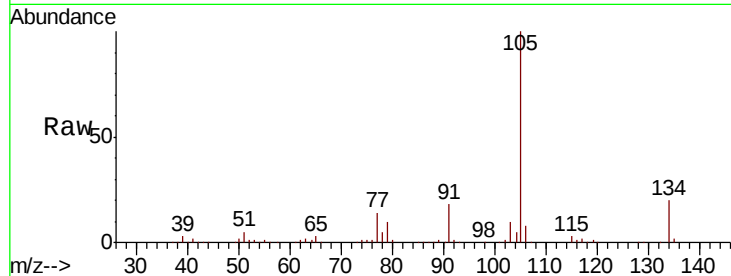




#85
 sec-Butylbenzene
 Concen: 19.236 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

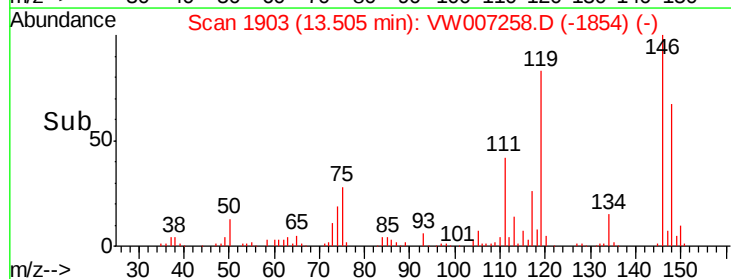
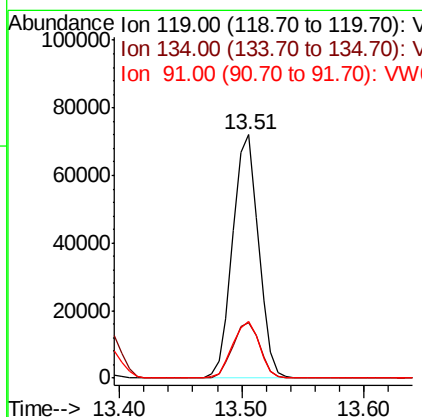
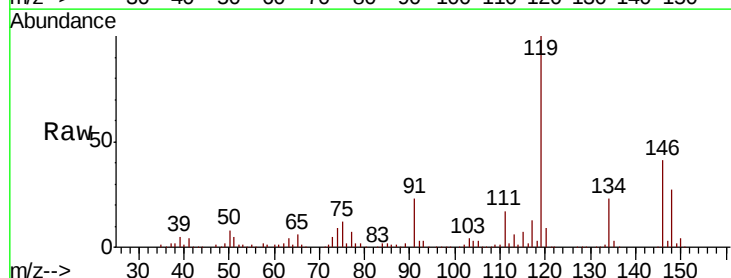
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

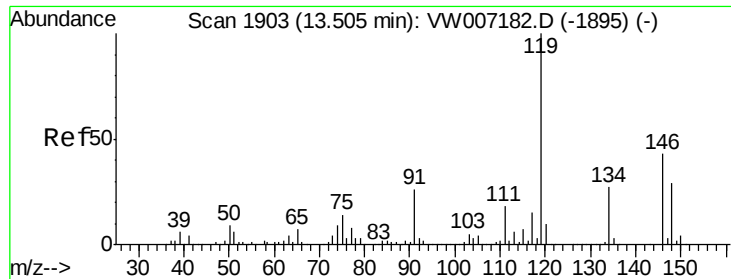
Tot Ion:105 Resp: 113861
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.954 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion:119 Resp: 105142
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.2 39.6
 91 24.5 12.4 37.2

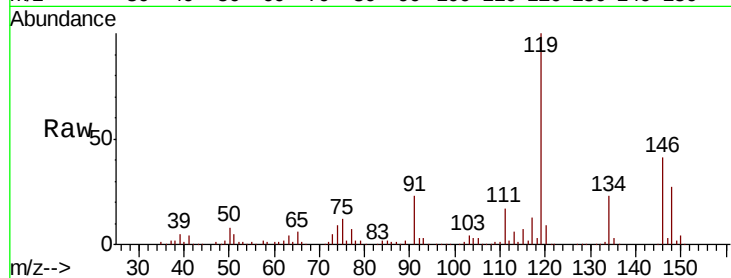




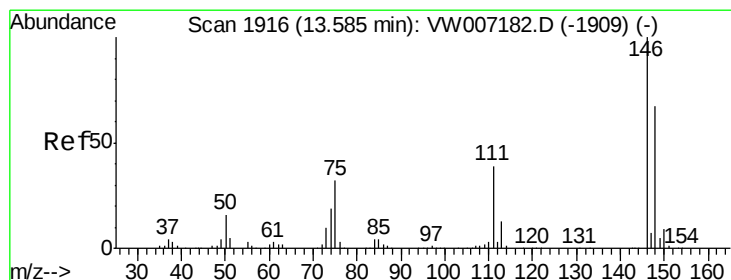
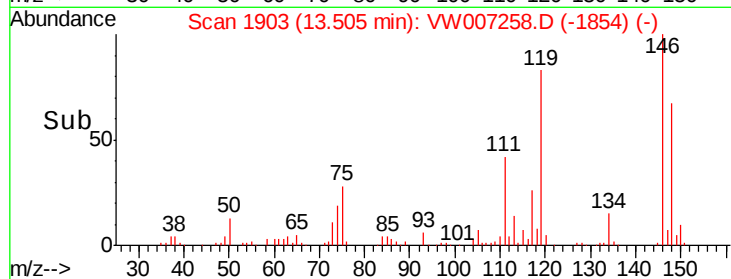
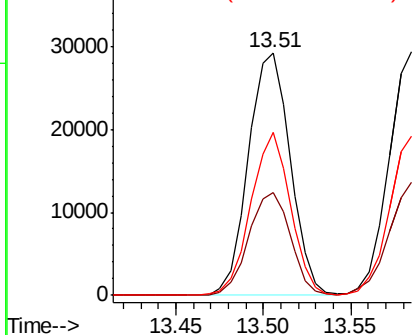
#87
 1,3-Dichlorobenzene
 Concen: 19.830 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

Tot Ion:146 Resp: 48732
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.4
 148 63.3 32.8 98.4

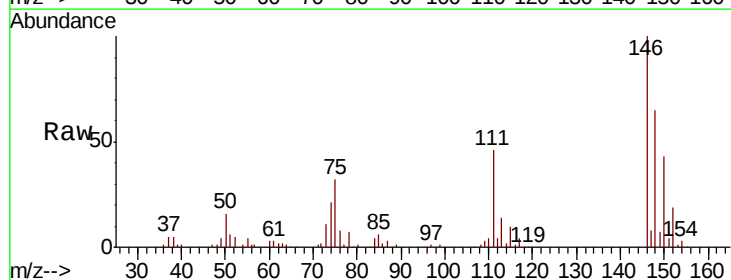


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

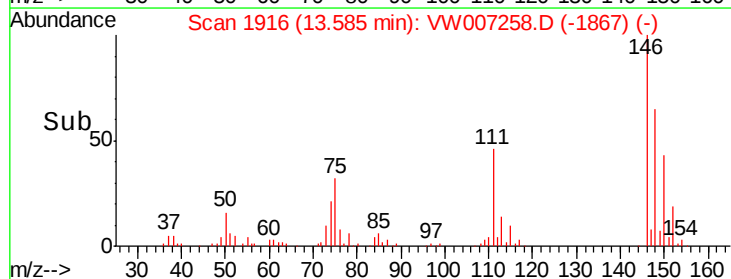
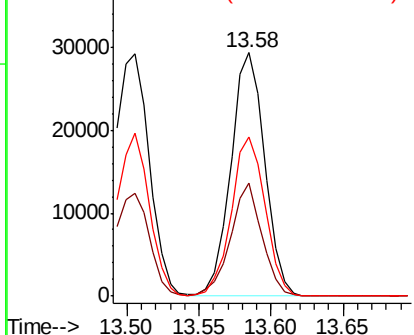


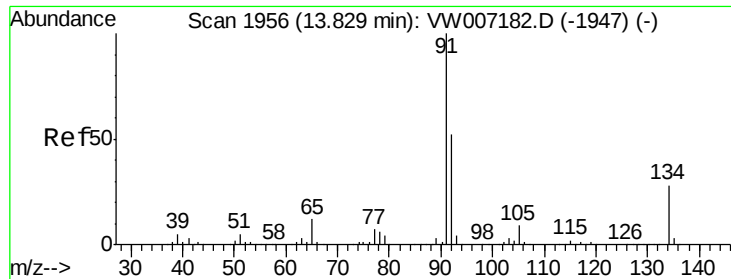
#88
 1,4-Dichlorobenzene
 Concen: 19.383 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion:146 Resp: 48116
 Ion Ratio Lower Upper
 146 100
 111 43.5 19.6 58.8
 148 65.4 32.6 98.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.312 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

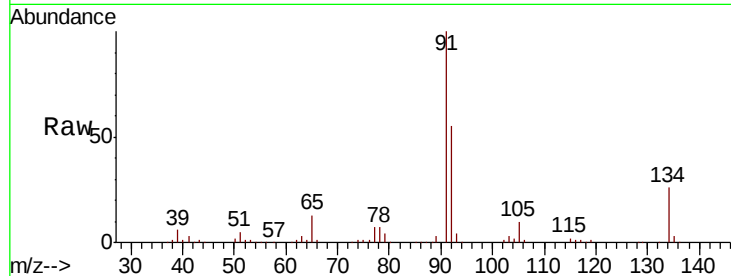
Tot Ion: 91 Resp: 90168

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 26.1 14.1 42.2

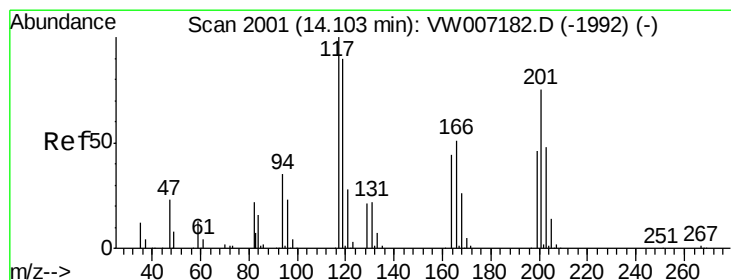
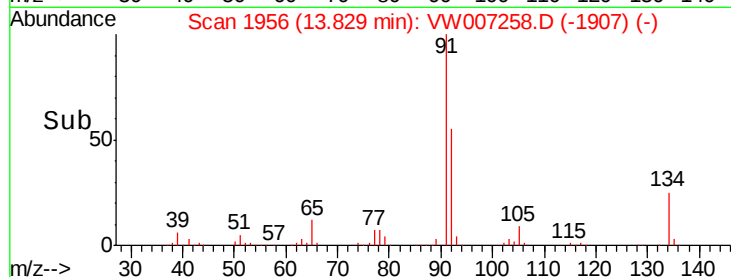
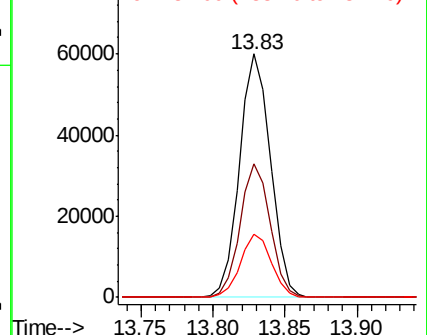


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 19.938 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW007258.D

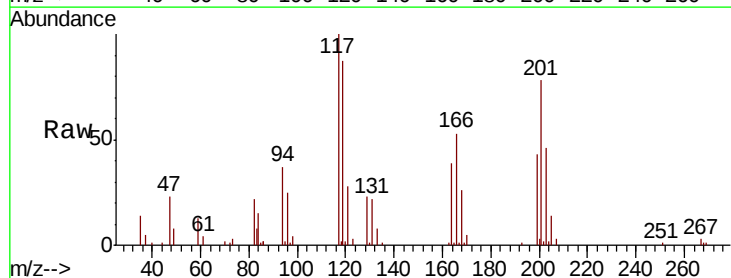
Acq: 06 Dec 2018 04:57

Tgt Ion: 117 Resp: 16009

Ion Ratio Lower Upper

117 100

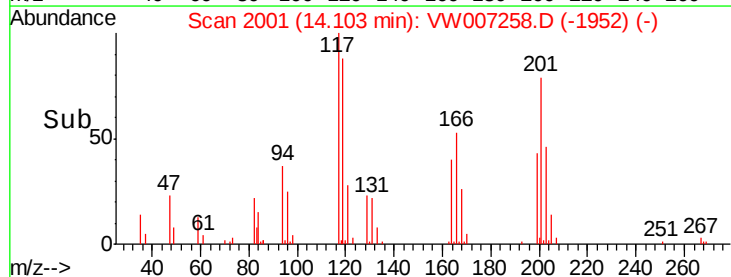
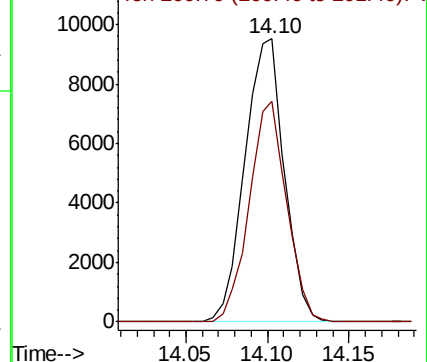
201 73.8 36.0 108.1

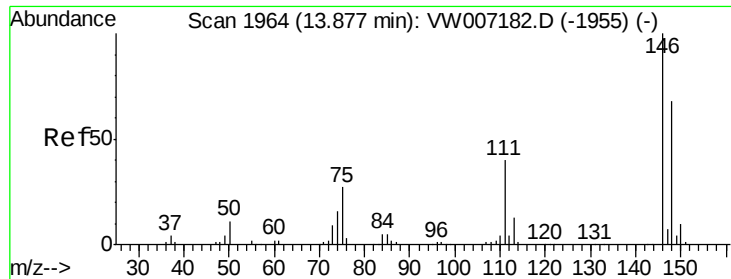


Abundance

Ion 116.80 (116.50 to 117.50): VW

Ion 200.70 (200.40 to 201.40): VW





#91

1,2-Dichlorobenzene

Concen: 20.815 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

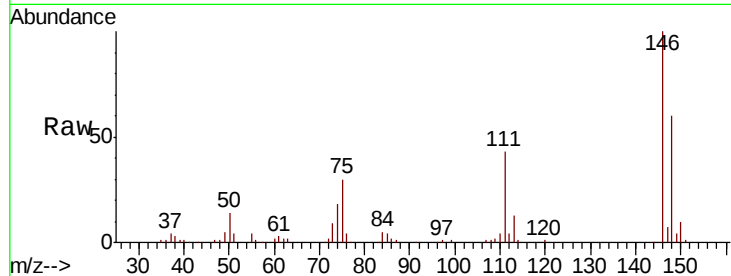
Tot Ion:146 Resp: 44284

Ion Ratio Lower Upper

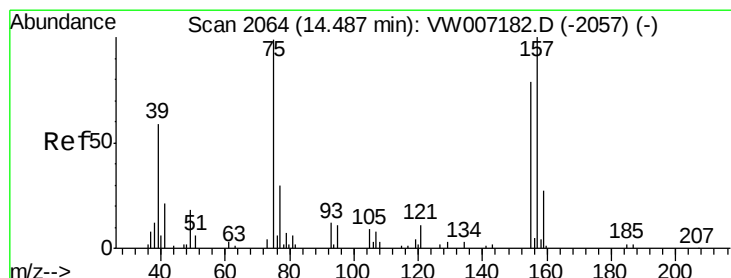
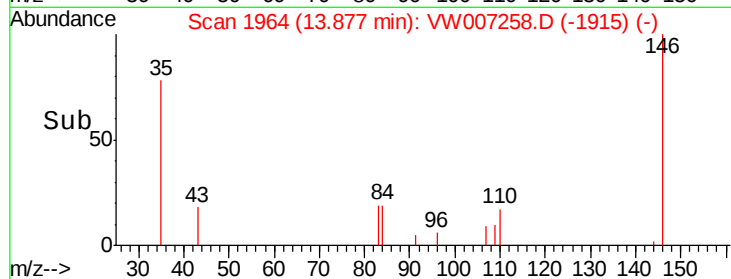
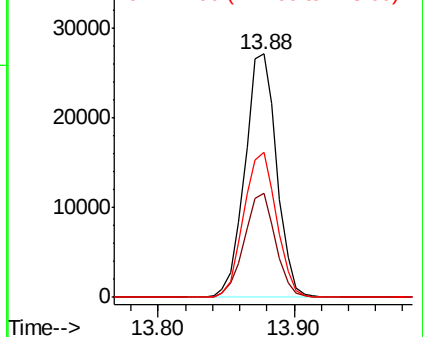
146 100

111 42.2 21.6 65.0

148 61.4 32.7 98.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.971 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

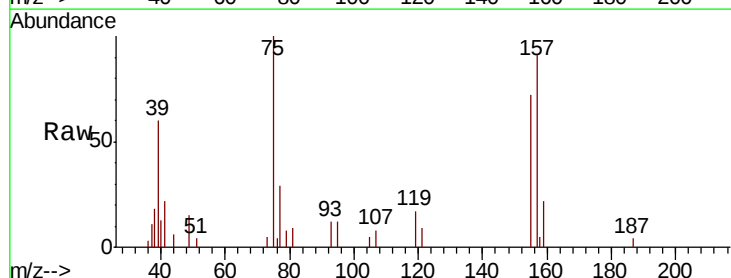
Tgt Ion: 75 Resp: 2926

Ion Ratio Lower Upper

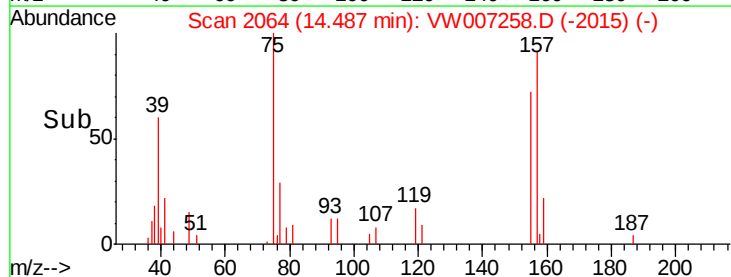
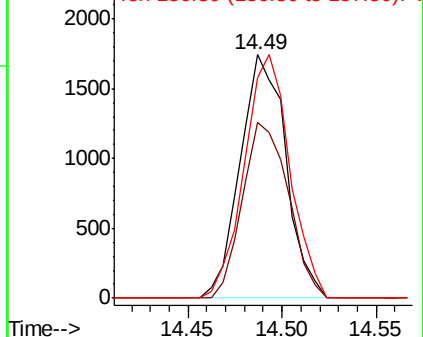
75 100

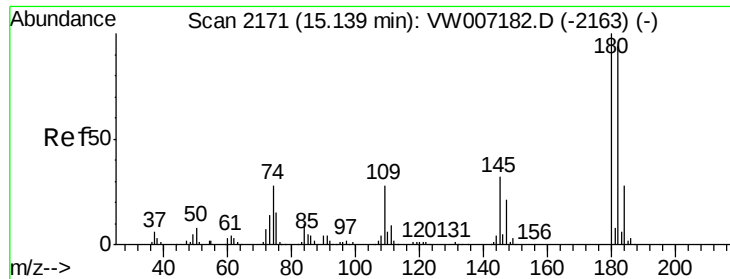
155 72.8 42.4 127.2

157 99.8 55.3 165.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

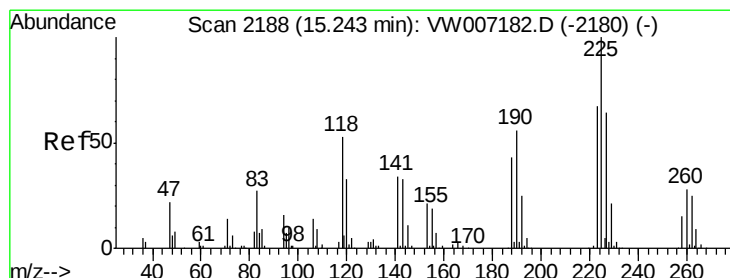
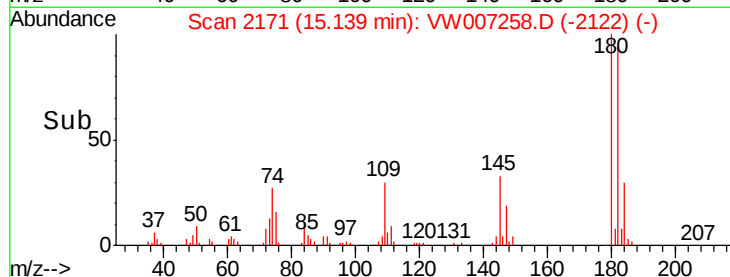
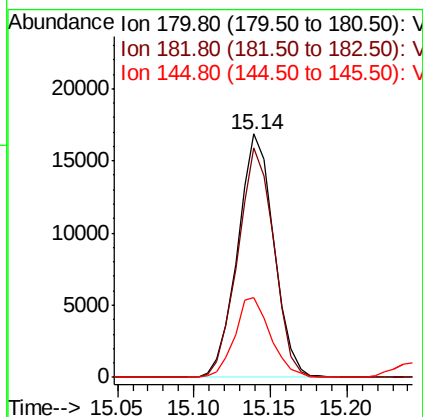
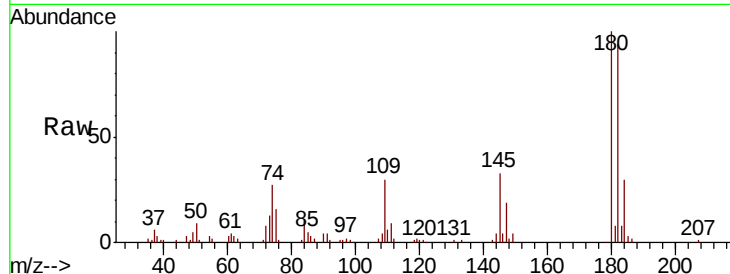




#93
1,2,4-Trichlorobenzene
Concen: 18.782 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

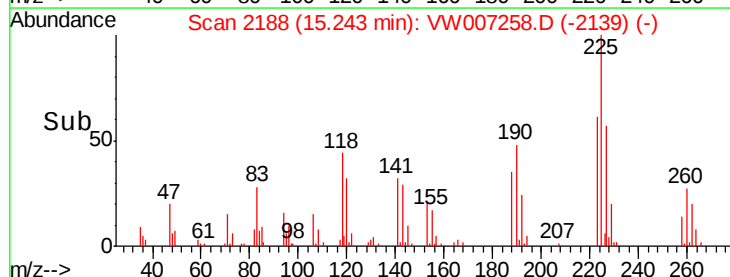
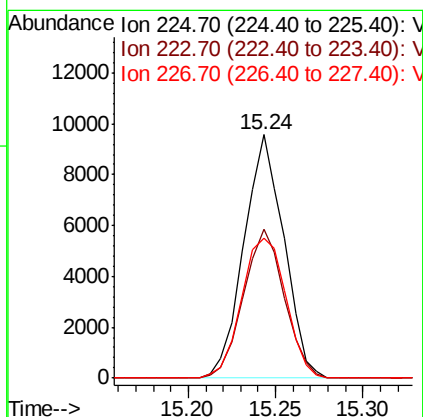
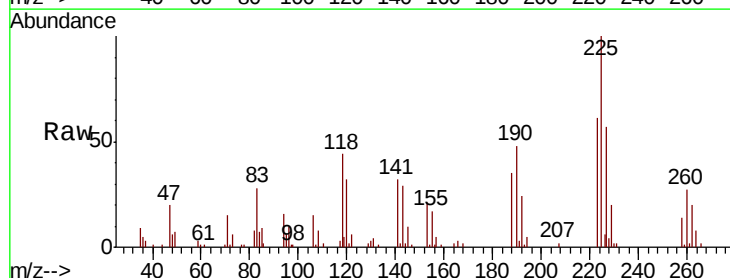
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

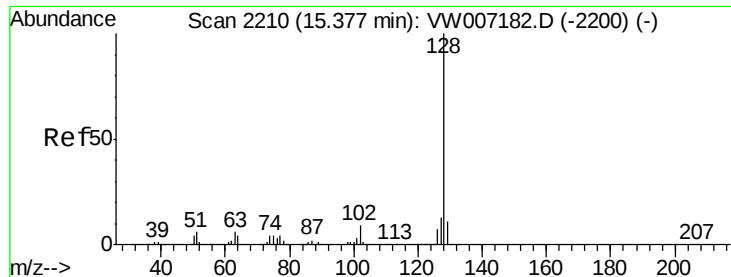
Tot Ion:180 Resp: 27692
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.8
145 32.3 16.6 49.7



#94
Hexachlorobutadiene
Concen: 19.142 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:225 Resp: 15219
Ion Ratio Lower Upper
225 100
223 62.6 32.3 96.8
227 63.8 32.1 96.3

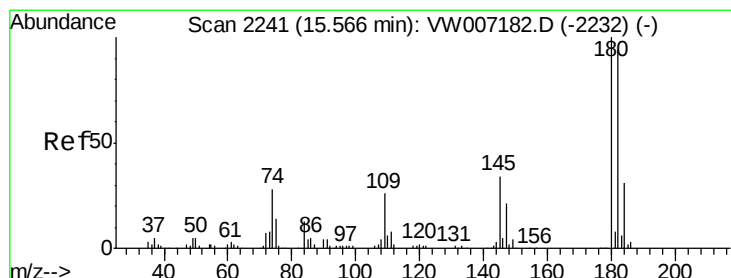
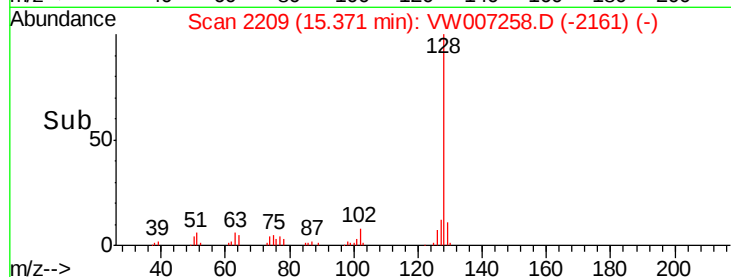
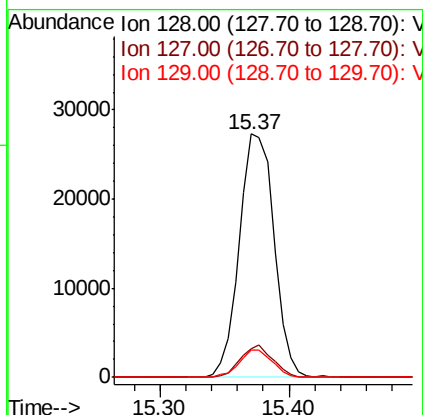
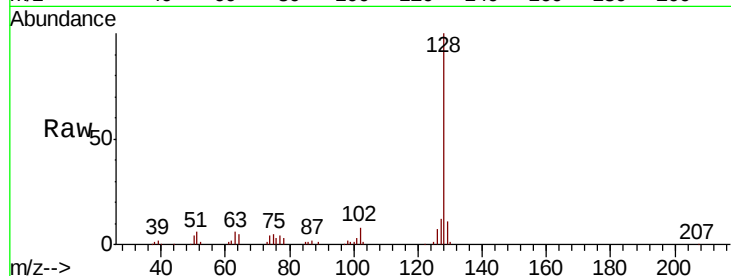




#95
Naphthalene
Concen: 19.298 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tot Ion:128 Resp: 50991
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.128 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:180 Resp: 23780
Ion Ratio Lower Upper
180 100
182 92.4 47.4 142.2
145 32.8 17.6 52.8

