

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007232.D
 Acq On : 05 Dec 2018 15:47
 Operator : SY/AP
 Sample : VW1205SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

Quant Time: Dec 06 06:20:37 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	103623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	155441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51291	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	7.88	113	49275	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
50) Toluene-d8	10.32	98	213616	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.62	95	82495	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25388	22.394	ug/l	100
3) Chloromethane	2.21	50	28660	19.962	ug/l	99
4) Vinyl Chloride	2.35	62	19098	21.245	ug/l	98
5) Bromomethane	2.75	94	11761	26.109	ug/l	89
6) Chloroethane	2.91	64	10496	20.810	ug/l	97
7) Trichlorofluoromethane	3.26	101	37523	21.410	ug/l	97
8) Diethyl Ether	3.68	74	10013	20.497	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22117	20.891	ug/l	99
10) Methyl Iodide	4.27	142	13336	14.787	ug/l	100
11) Tert butyl alcohol	5.16	59	10124	98.462	ug/l	95
12) 1,1-Dichloroethene	4.04	96	20580	20.743	ug/l	99
13) Acrolein	3.90	56	6876	101.714	ug/l	98
14) Allyl chloride	4.68	41	31542	19.833	ug/l	99
15) Acrylonitrile	5.37	53	21051	103.078	ug/l	99
16) Acetone	4.12	43	22127	96.880	ug/l	97
17) Carbon Disulfide	4.38	76	64962	19.863	ug/l	97
18) Methyl Acetate	4.67	43	10801	20.718	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	48614	20.811	ug/l	99
20) Methylene Chloride	4.92	84	25224	18.662	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	22673	20.466	ug/l	98
22) Diisopropyl ether	6.31	45	59464	20.829	ug/l	95
23) Vinyl Acetate	6.26	43	161676	103.786	ug/l	99
24) 1,1-Dichloroethane	6.22	63	37757	20.634	ug/l	99
25) 2-Butanone	7.18	43	25704	97.086	ug/l	99
26) 2,2-Dichloropropane	7.17	77	36063	20.509	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	24395	20.541	ug/l	99
28) Bromochloromethane	7.52	49	13263	20.101	ug/l	99
29) Tetrahydrofuran	7.54	42	16326	99.788	ug/l	98
30) Chloroform	7.68	83	39426	20.732	ug/l	99
31) Cyclohexane	7.96	56	38772	20.251	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	38178	21.333	ug/l	98
36) 1,1-Dichloropropene	8.09	75	33220	21.964	ug/l	99
37) Ethyl Acetate	7.26	43	11468	20.961	ug/l	99
38) Carbon Tetrachloride	8.07	117	33485	21.691	ug/l	97

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 Acq On : 05 Dec 2018 15:47
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 Sample : VW1205SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1205SBSD01

Quant Time: Dec 06 06:20:37 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)
39) Methylcyclohexane	9.34	83	41708	20.600	ug/l	99
40) Benzene	8.33	78	88916	21.439	ug/l	97
41) Methacrylonitrile	7.49	41	6104	18.627	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	25343	21.864	ug/l	100
43) Isopropyl Acetate	8.43	43	21970	20.676	ug/l	100
44) Trichloroethene	9.09	130	25369	21.761	ug/l	93
45) 1,2-Dichloropropane	9.37	63	20500	21.241	ug/l	99
46) Dibromomethane	9.46	93	10955	21.844	ug/l	96
47) Bromodichloromethane	9.65	83	28921	21.923	ug/l	99
48) Methyl methacrylate	9.44	41	10903	19.770	ug/l	94
49) 1,4-Dioxane	9.45	88	3678	419.823	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	54375	103.841	ug/l	100
52) Toluene	10.39	92	63006	21.839	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	29100	21.941	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	34357	22.104	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	15530	21.770	ug/l	98
56) Ethyl methacrylate	10.65	69	20161	21.666	ug/l	96
57) 1,3-Dichloropropane	10.93	76	26266	21.809	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	43553	116.527	ug/l	99
59) 2-Hexanone	10.97	43	40334	106.255	ug/l	99
60) Dibromochloromethane	11.13	129	19128	21.817	ug/l	96
61) 1,2-Dibromoethane	11.24	107	15201	22.217	ug/l	97
64) Tetrachloroethene	10.87	164	21891	20.277	ug/l	95
65) Chlorobenzene	11.66	112	69823	21.157	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	21733	21.323	ug/l	99
67) Ethyl Benzene	11.73	91	127675	21.226	ug/l	96
68) m/p-Xylenes	11.84	106	101148	42.865	ug/l	99
69) o-Xylene	12.17	106	47276	21.444	ug/l	98
70) Styrene	12.18	104	76389	21.167	ug/l	98
71) Bromoform	12.35	173	10821	21.209	ug/l #	98
73) Isopropylbenzene	12.47	105	131038	21.436	ug/l	100
74) N-amyl acetate	12.27	43	23084	21.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	17226	21.698	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24760	42.545	ug/l #	100
77) Bromobenzene	12.75	156	27731	21.016	ug/l	99
78) n-propylbenzene	12.81	91	155882	21.404	ug/l	97
79) 2-Chlorotoluene	12.90	91	87799	21.348	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	110778	21.183	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5616	20.799	ug/l	92
82) 4-Chlorotoluene	12.99	91	93130	21.286	ug/l	97
83) tert-Butylbenzene	13.21	119	97503	21.335	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	112213	21.021	ug/l	96
85) sec-Butylbenzene	13.39	105	137508	21.076	ug/l	99
86) p-Isopropyltoluene	13.51	119	122822	21.147	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	57432	21.202	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	57142	20.884	ug/l	98
89) n-Butylbenzene	13.83	91	114789	21.150	ug/l	99
90) Hexachloroethane	14.10	117	17936	20.265	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	51453	21.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3147	20.462	ug/l	99

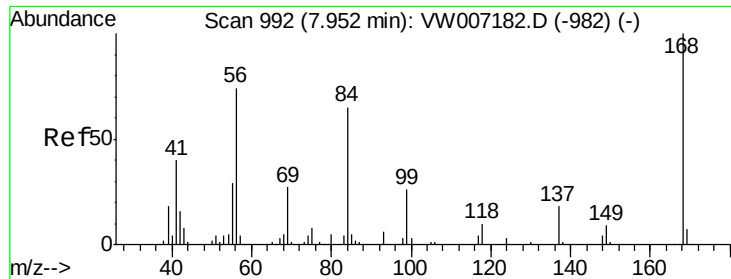
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
Data File : VW007232.D
Acq On : 05 Dec 2018 15:47
Operator : SY/AP
Sample : VW1205SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Quant Time: Dec 06 06:20:37 2018
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.15	180	33876	20.845	ug/l	98
94) Hexachlorobutadiene	15.24	225	18151	20.712	ug/l	97
95) Naphthalene	15.38	128	59755	20.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27454	20.035	ug/l	99

(#) = 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: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

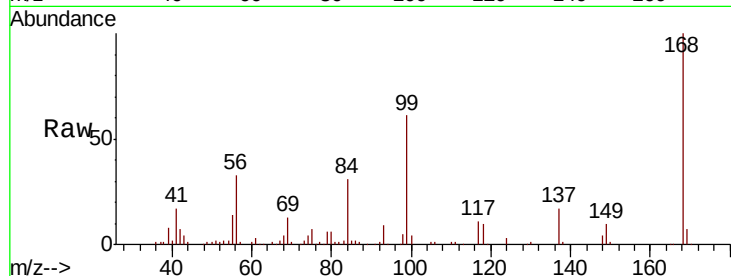
VW1205SBSD01

Tot Ion:168 Resp: 103623

Ion Ratio Lower Upper

168 100

99 60.7 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

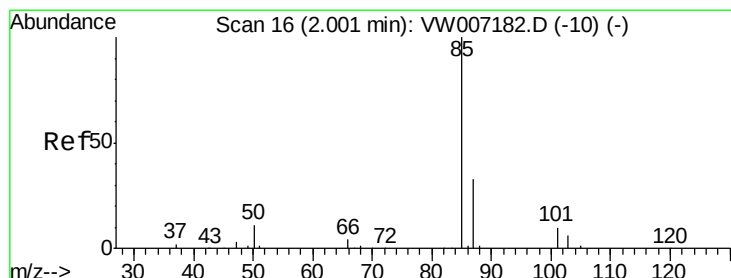
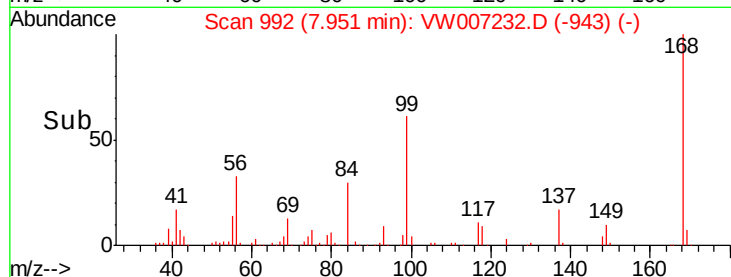
20000

10000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.394 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007232.D

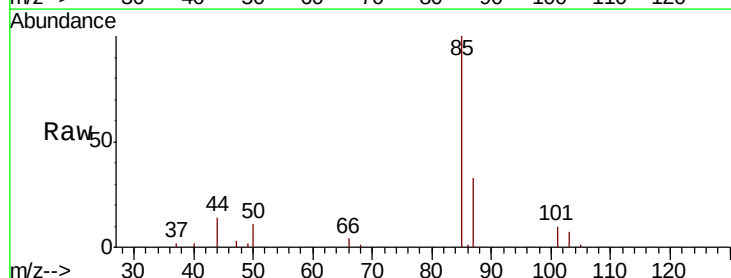
Acq: 05 Dec 2018 15:47

Tgt Ion: 85 Resp: 25388

Ion Ratio Lower Upper

85 100

87 33.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

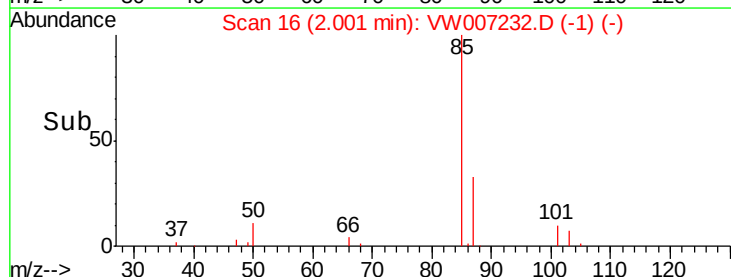
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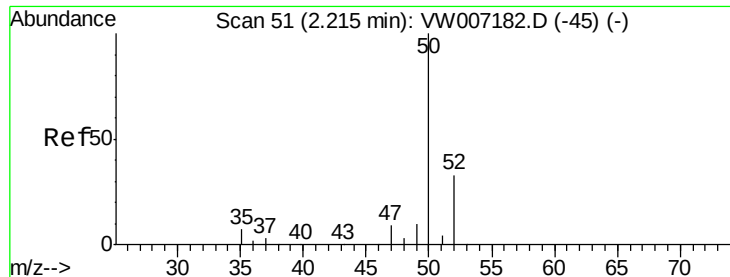
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.962 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

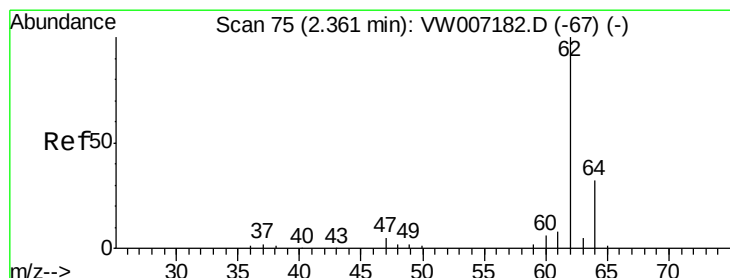
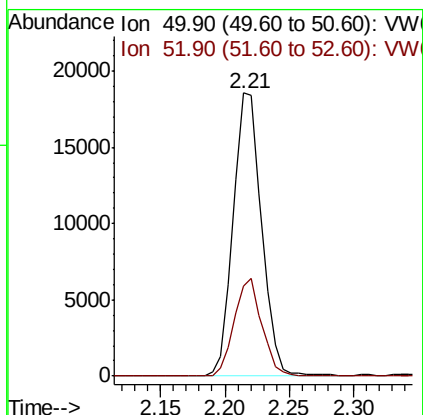
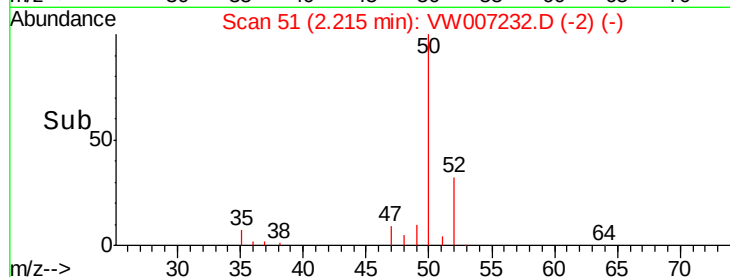
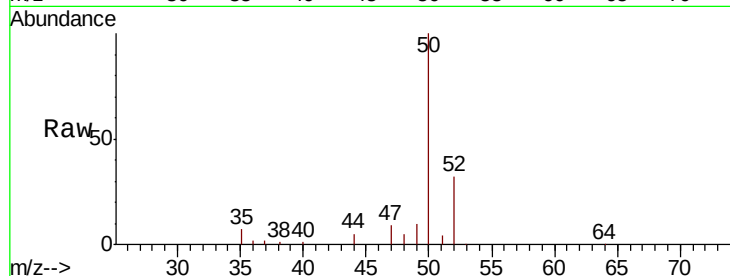
VW1205SBSD01

Tot Ion: 50 Resp: 28660

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 21.245 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007232.D

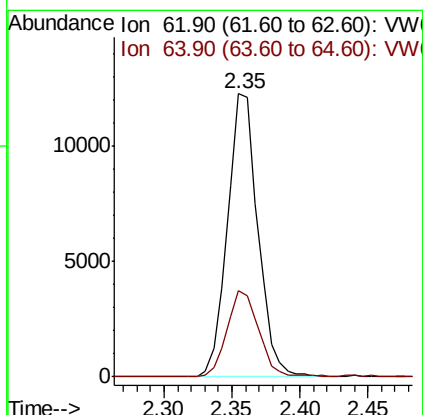
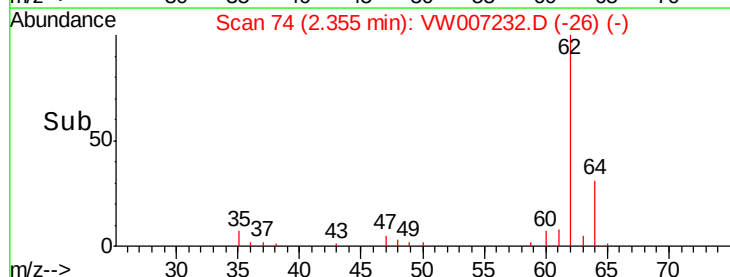
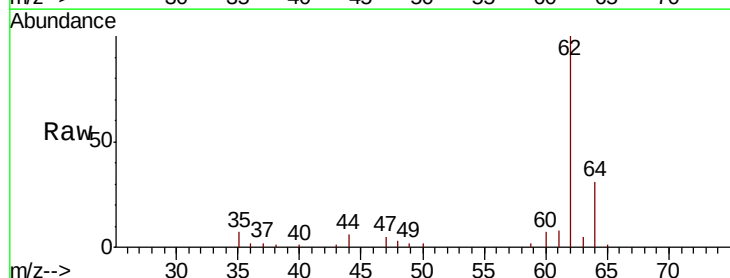
Acq: 05 Dec 2018 15:47

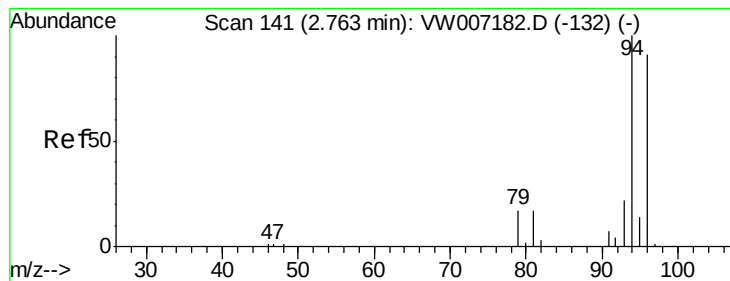
Tgt Ion: 62 Resp: 19098

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9





#5

Bromomethane

Concen: 26.109 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

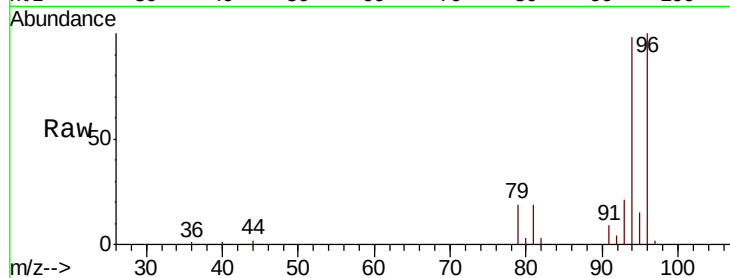
VW1205SBSD01

Tot Ion: 94 Resp: 11761

Ion Ratio Lower Upper

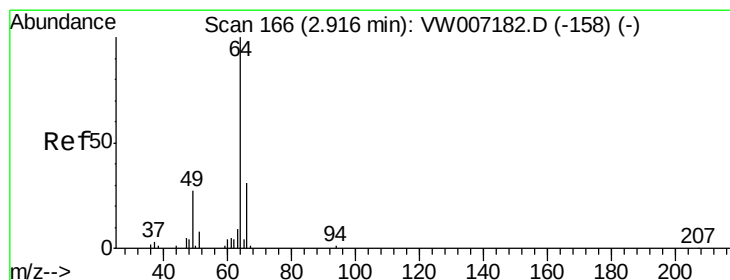
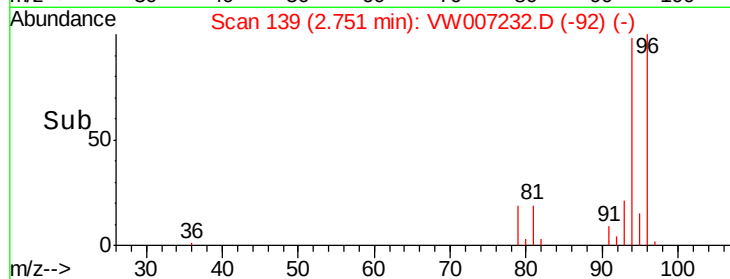
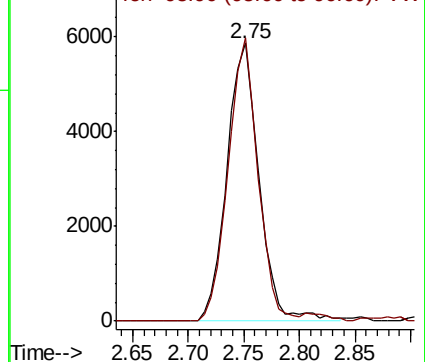
94 100

96 101.8 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: 20.810 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007232.D

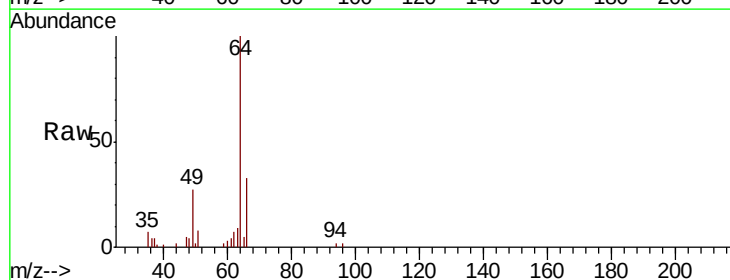
Acq: 05 Dec 2018 15:47

Tgt Ion: 64 Resp: 10496

Ion Ratio Lower Upper

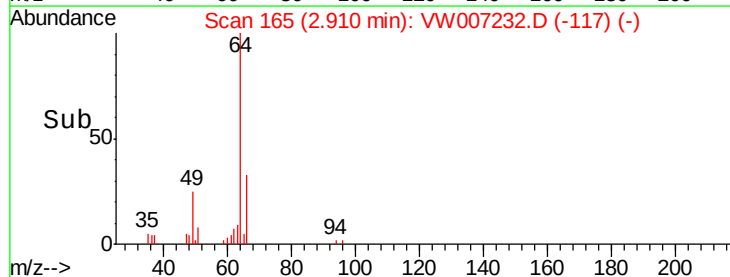
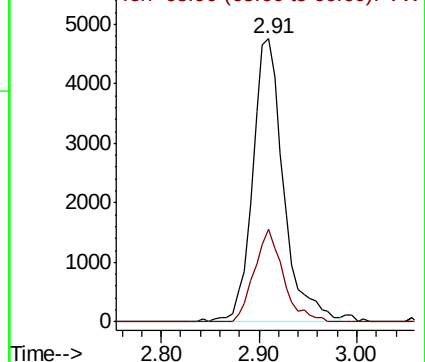
64 100

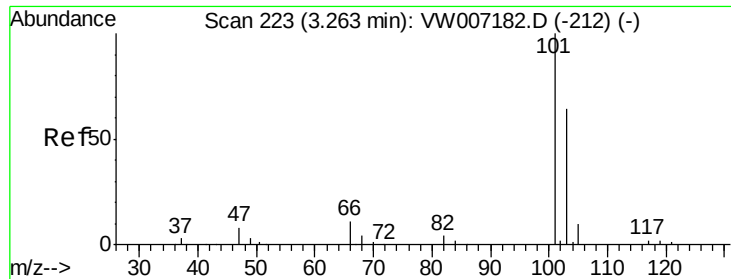
66 32.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



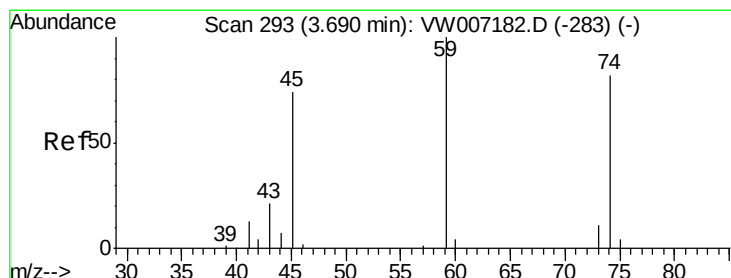
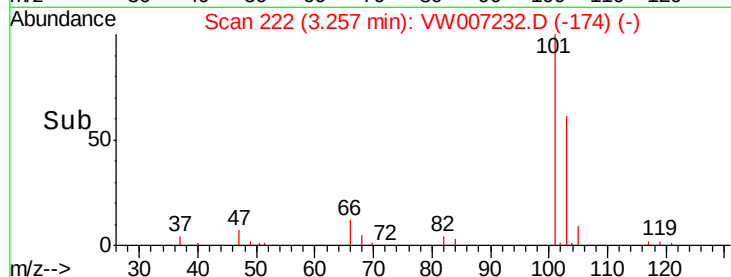
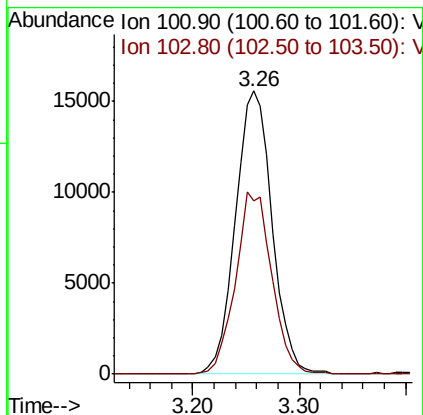
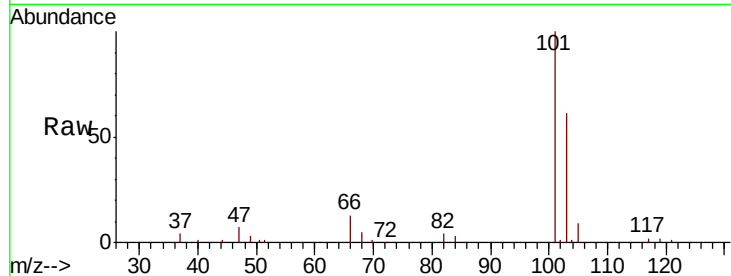


#7

Trichlorofluoromethane
 Concen: 21.410 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

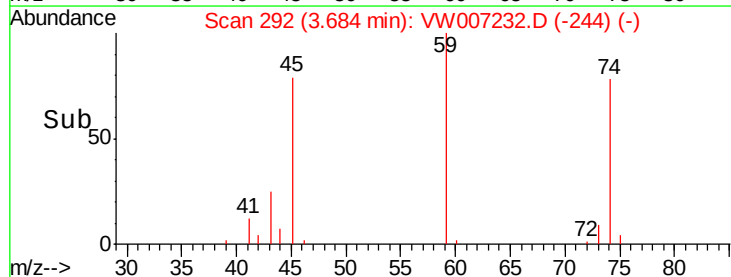
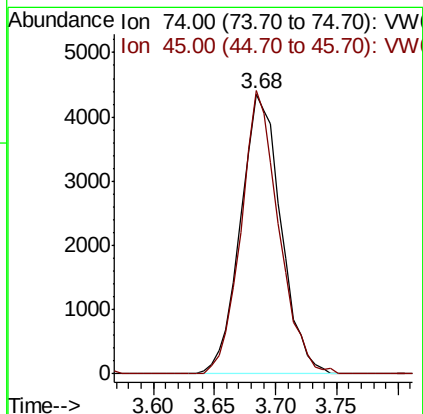
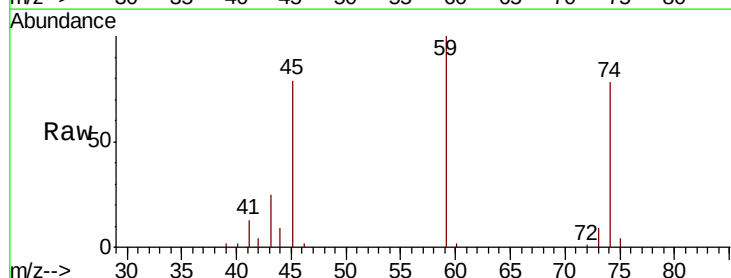
Tot Ion:101 Resp: 37523
 Ion Ratio Lower Upper
 101 100
 103 61.1 50.9 76.3

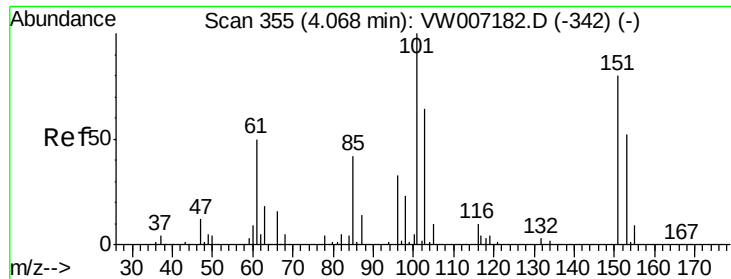


#8

Diethyl Ether
 Concen: 20.497 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 74 Resp: 10013
 Ion Ratio Lower Upper
 74 100
 45 94.1 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.891 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

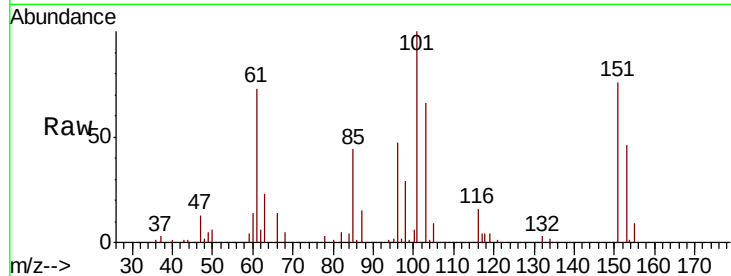
Tot Ion:101 Resp: 22117

Ion Ratio Lower Upper

101 100

85 42.7 33.4 50.2

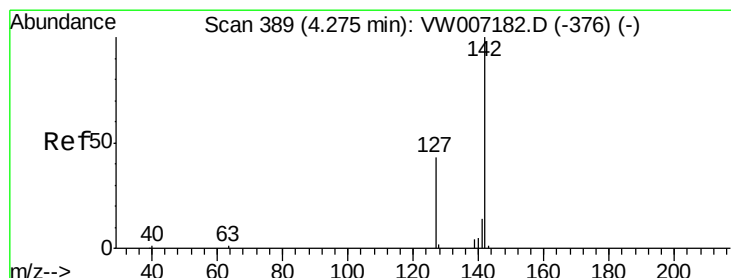
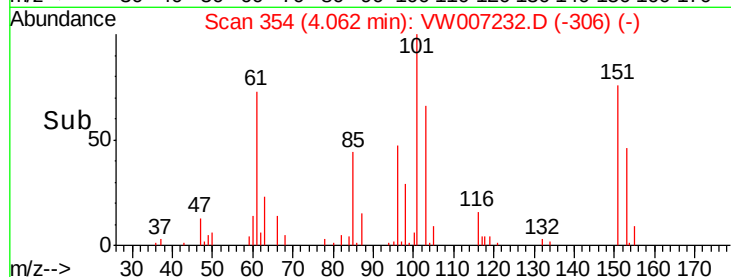
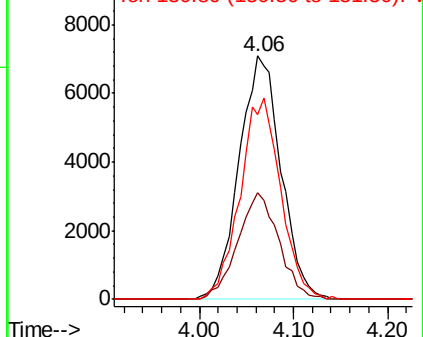
151 80.0 63.9 95.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.787 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

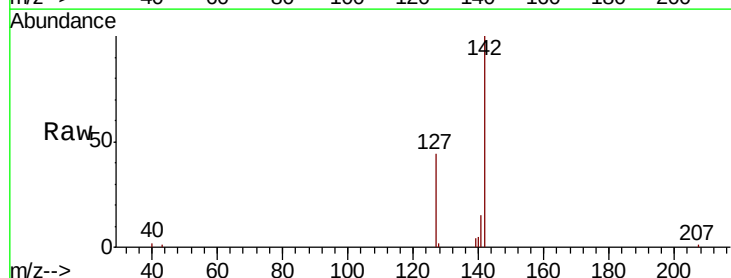
Tgt Ion:142 Resp: 13336

Ion Ratio Lower Upper

142 100

127 43.5 34.9 52.3

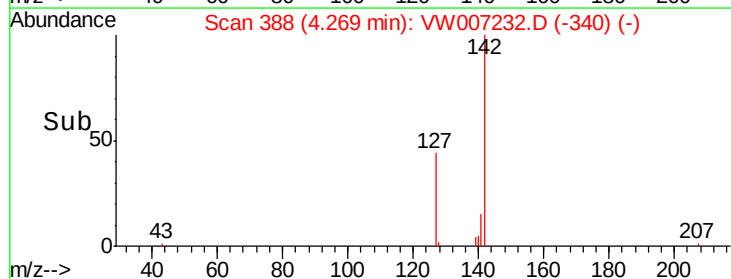
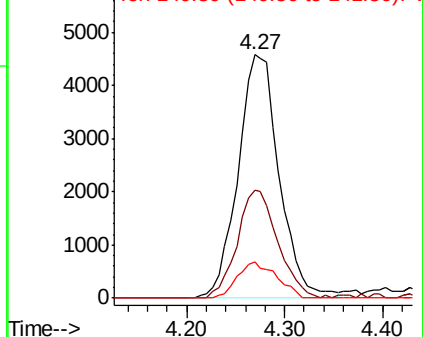
141 14.1 11.7 17.5

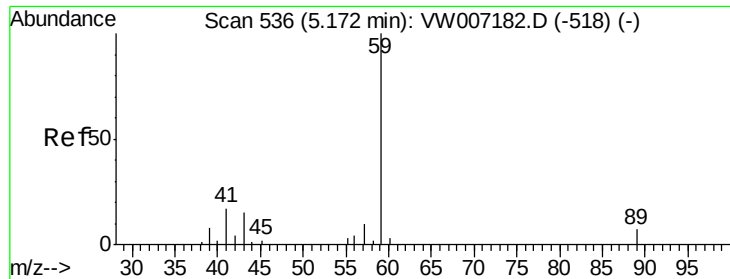


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

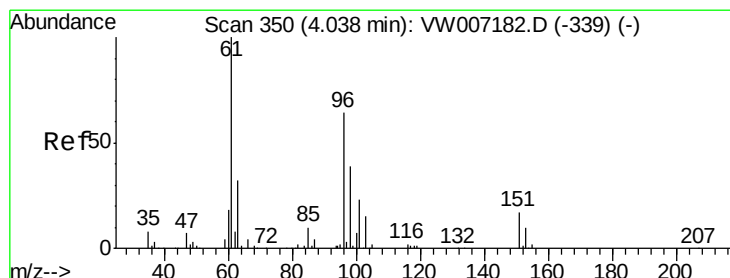
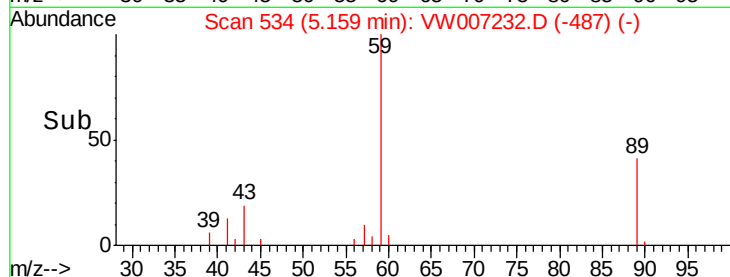
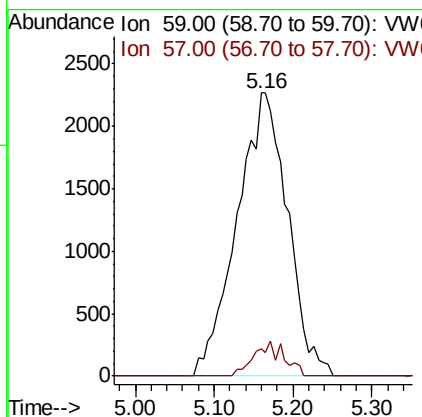
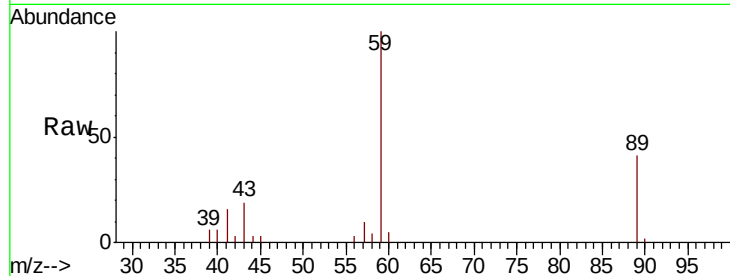




#11
Tert butyl alcohol
Concen: 98.462 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

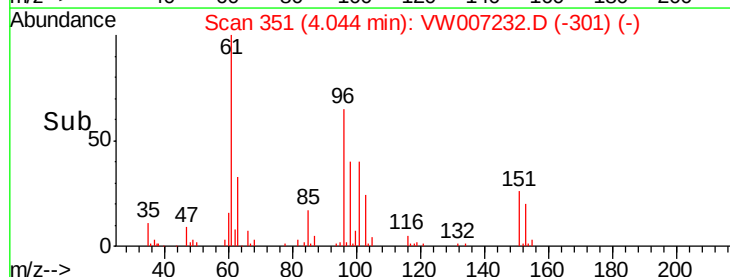
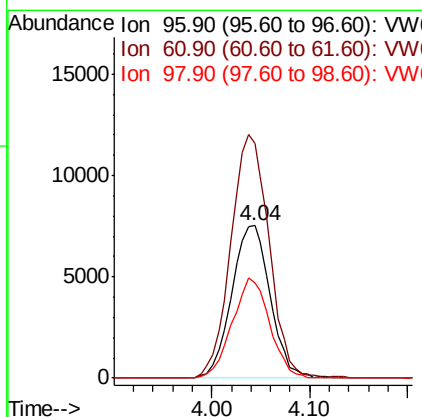
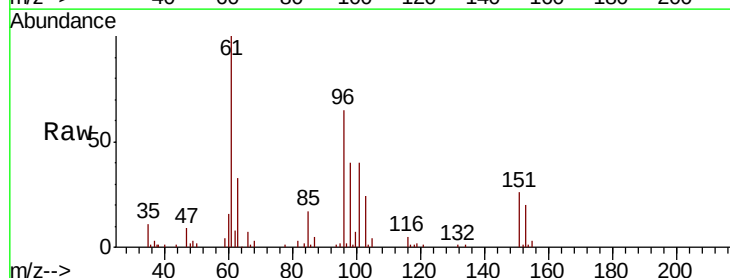
Instrument :
MSVOA_W
ClientSampled :
VW1205SBSD01

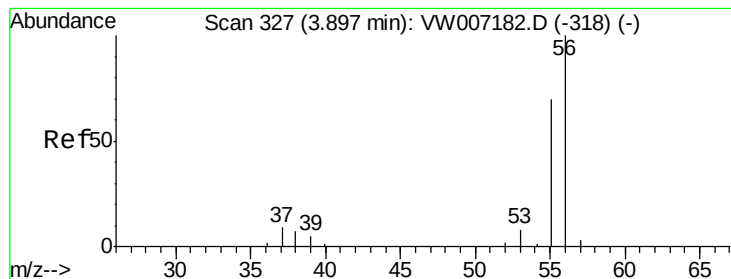
Tot Ion: 59 Resp: 10124
Ion Ratio Lower Upper
59 100
57 7.2 7.1 10.7



#12
1,1-Dichloroethene
Concen: 20.743 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 96 Resp: 20580
Ion Ratio Lower Upper
96 100
61 153.8 124.1 186.1
98 62.3 48.6 72.8





#13

Acrolein

Concen: 101.714 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

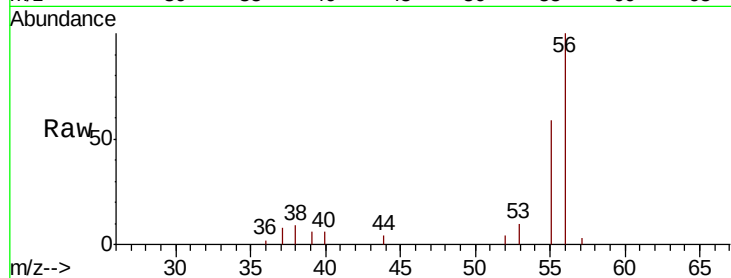
VW1205SBSD01

Tot Ion: 56 Resp: 6876

Ion Ratio Lower Upper

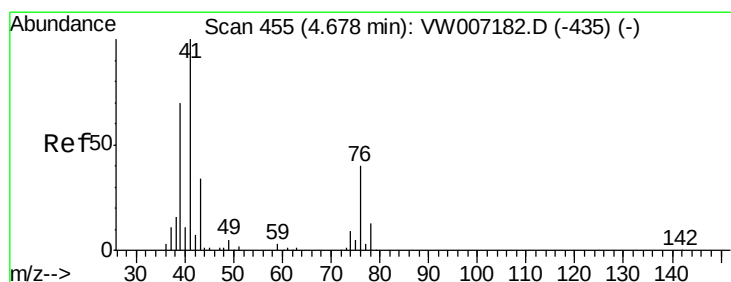
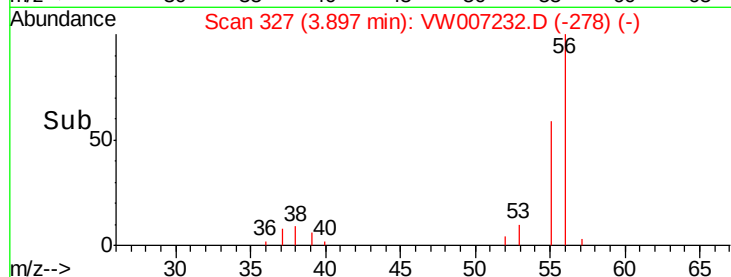
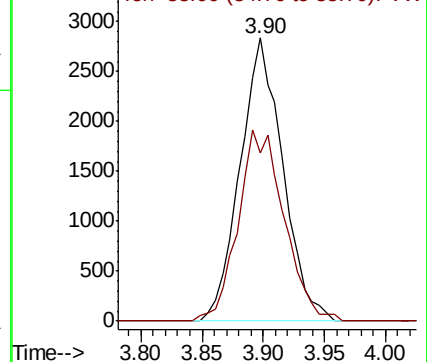
56 100

55 72.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.833 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

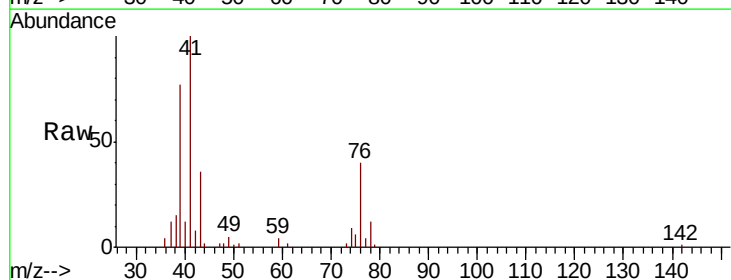
Tgt Ion: 41 Resp: 31542

Ion Ratio Lower Upper

41 100

39 70.6 55.9 83.9

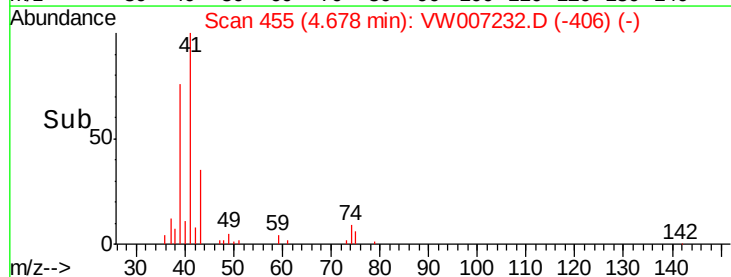
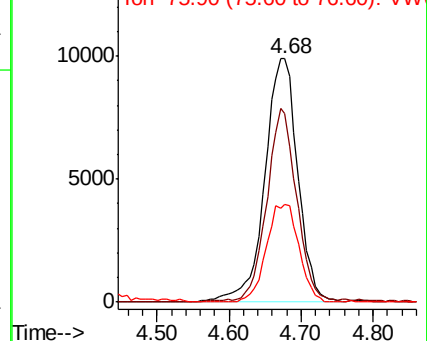
76 39.4 30.8 46.2

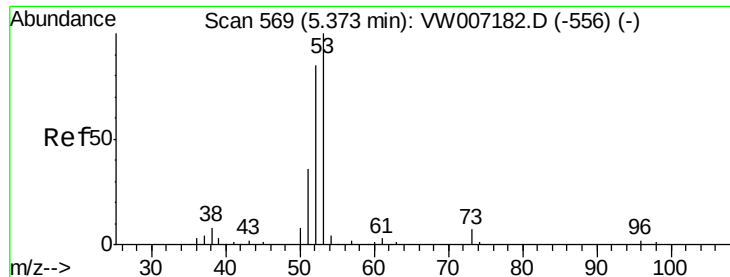


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 103.078 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

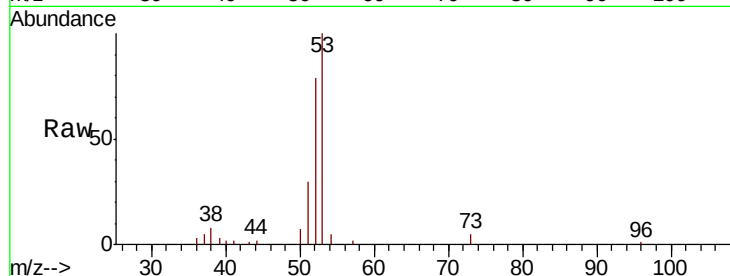
Tot Ion: 53 Resp: 21051

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

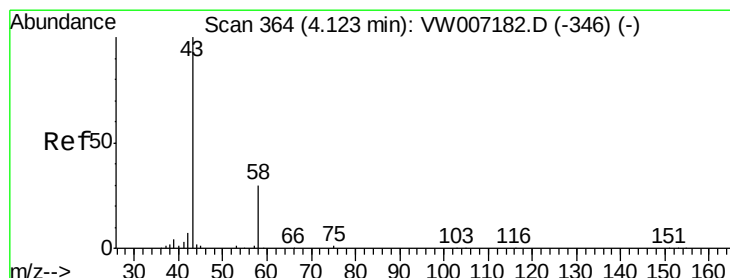
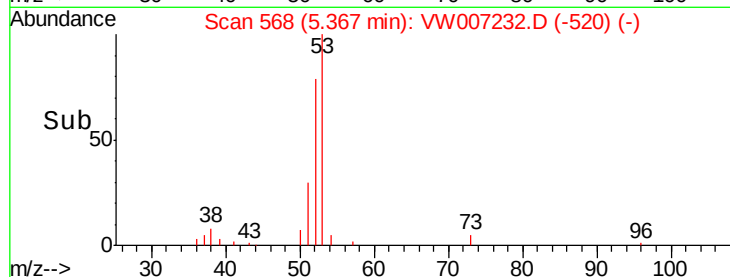
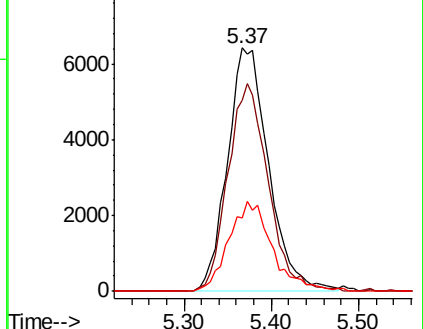
51 38.9 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 96.880 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007232.D

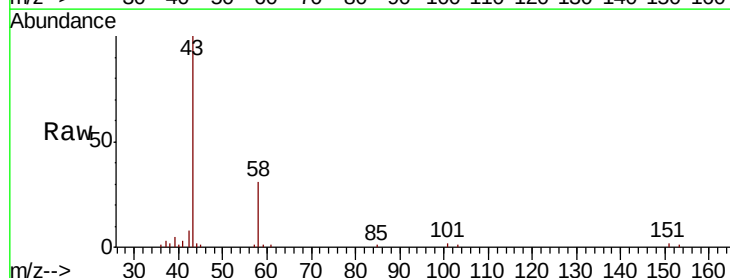
Acq: 05 Dec 2018 15:47

Tgt Ion: 43 Resp: 22127

Ion Ratio Lower Upper

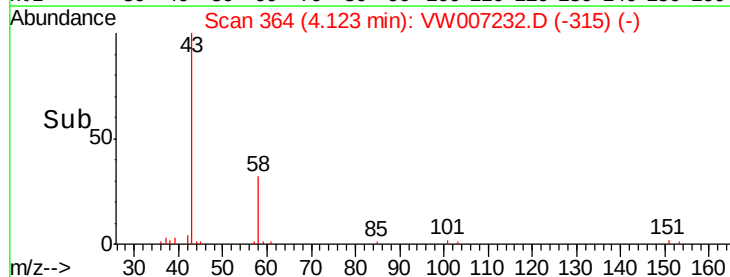
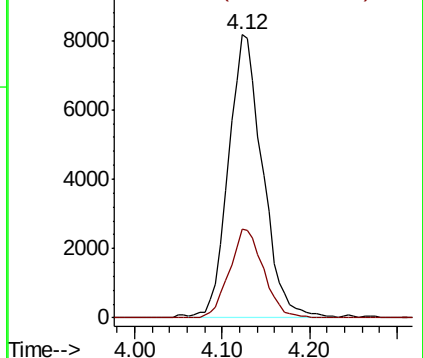
43 100

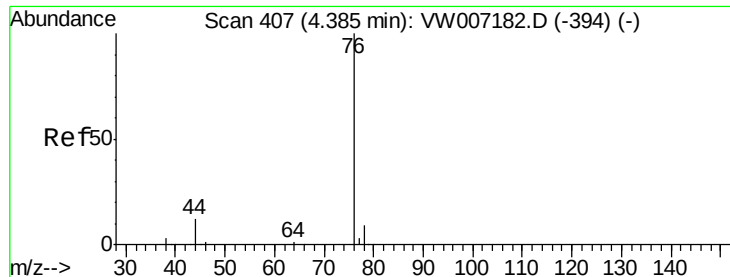
58 31.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

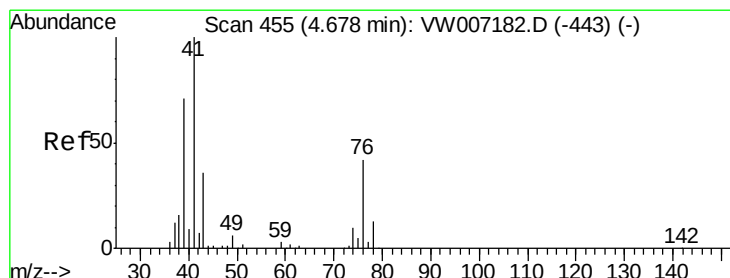
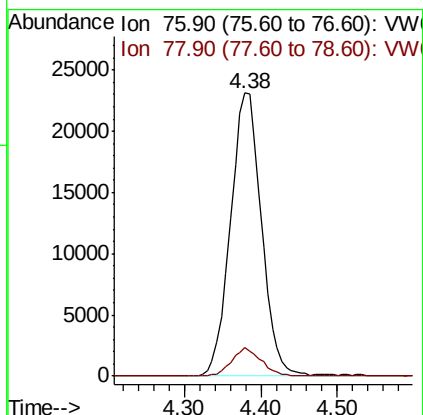
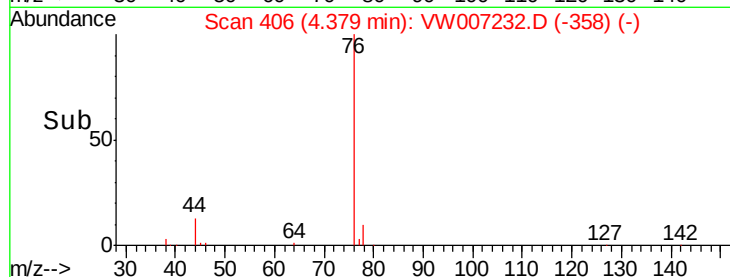
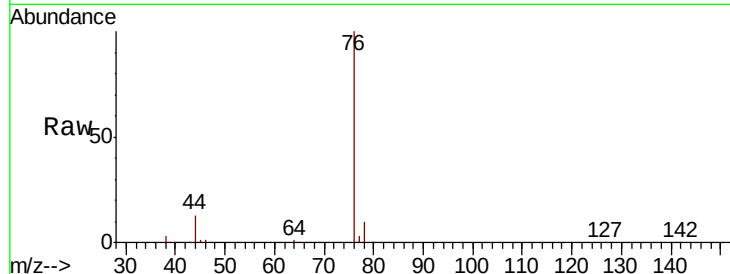




#17
Carbon Disulfide
Concen: 19.863 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

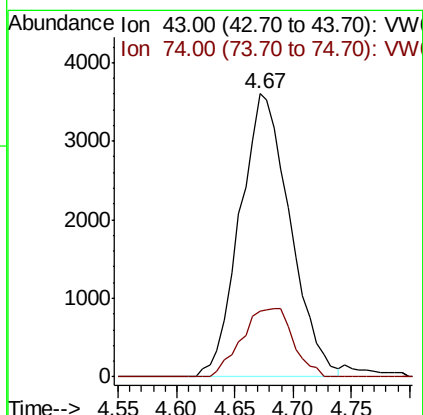
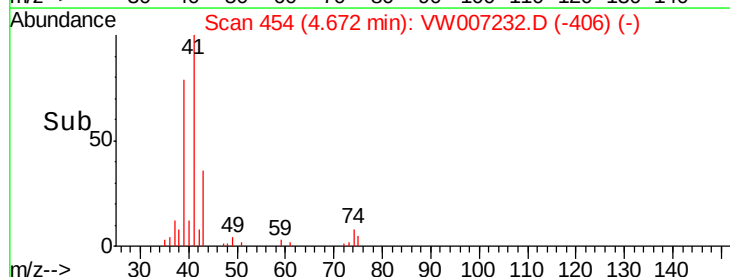
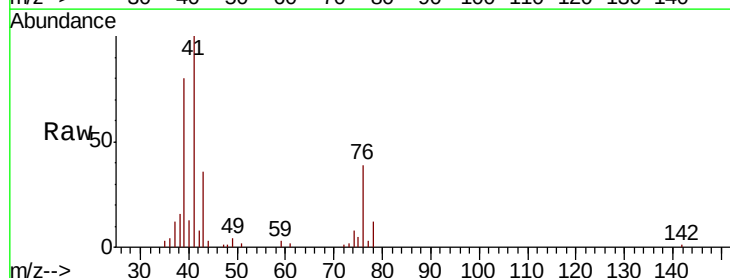
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

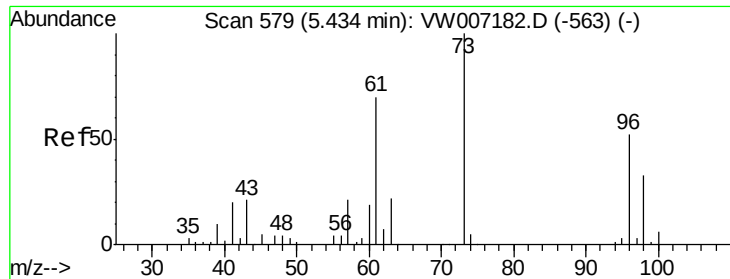
Tot Ion: 76 Resp: 64962
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 20.718 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 43 Resp: 10801
Ion Ratio Lower Upper
43 100
74 24.4 20.1 30.1

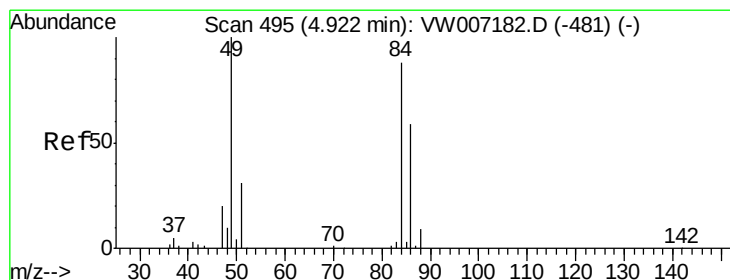
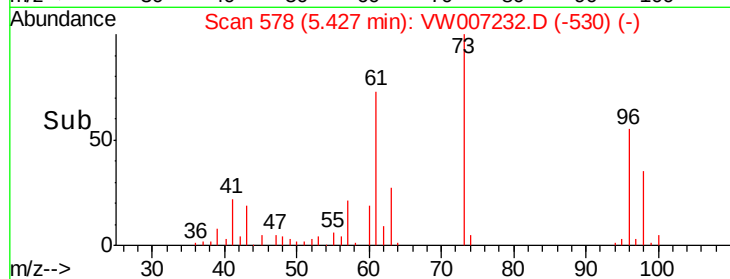
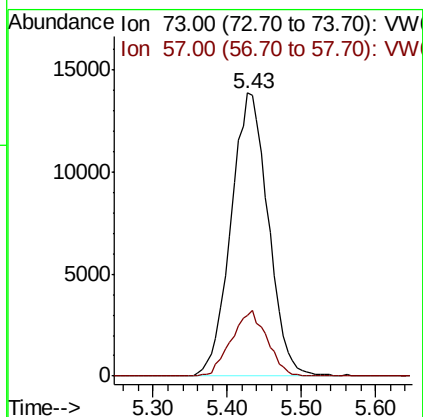
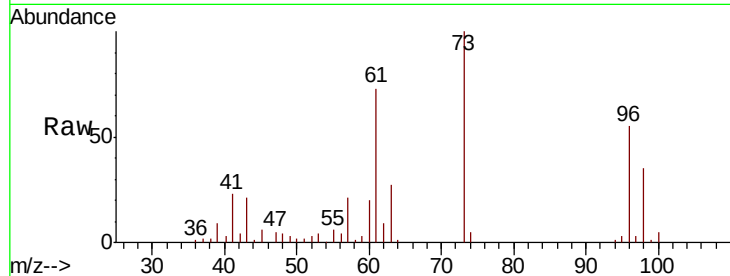




#19
Methyl tert-butyl Ether
Concen: 20.811 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

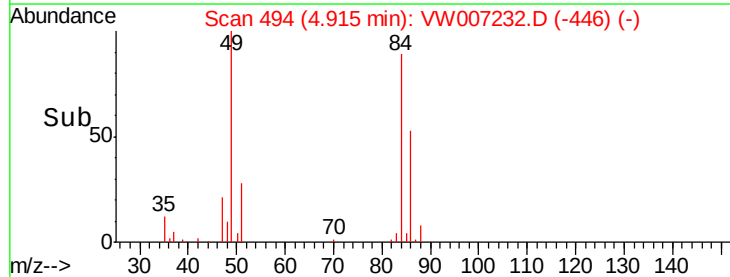
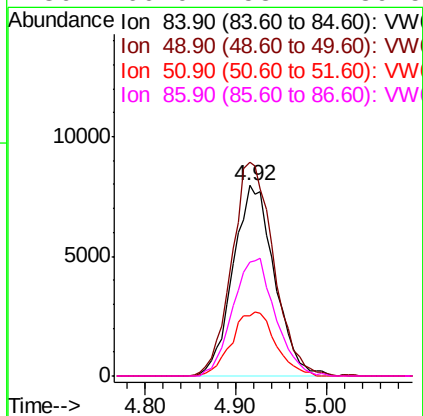
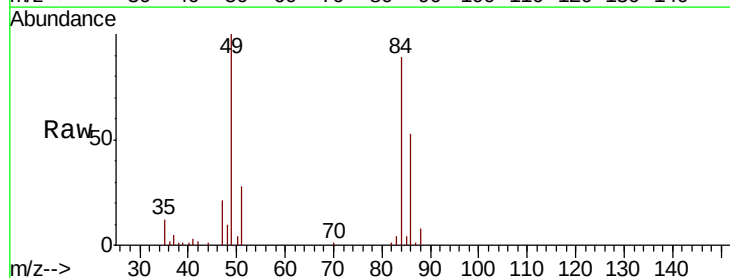
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

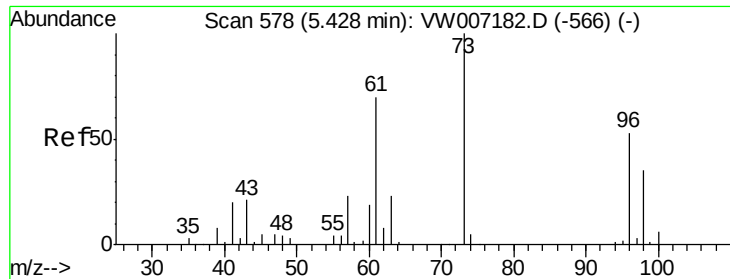
Tot Ion: 73 Resp: 48614
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 18.662 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 84 Resp: 25224
Ion Ratio Lower Upper
84 100
49 112.3 90.6 135.8
51 31.3 27.6 41.4
86 60.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.466 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

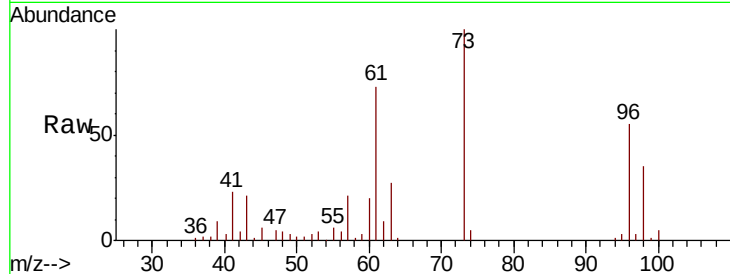
Tot Ion: 96 Resp: 22673

Ion Ratio Lower Upper

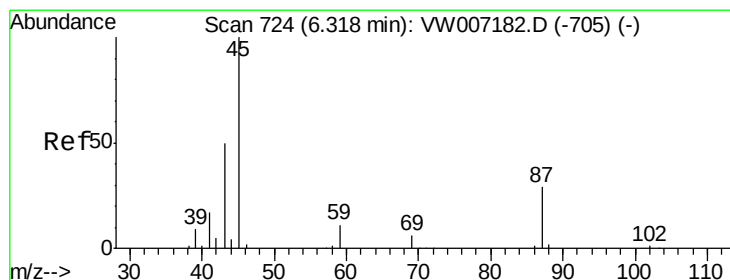
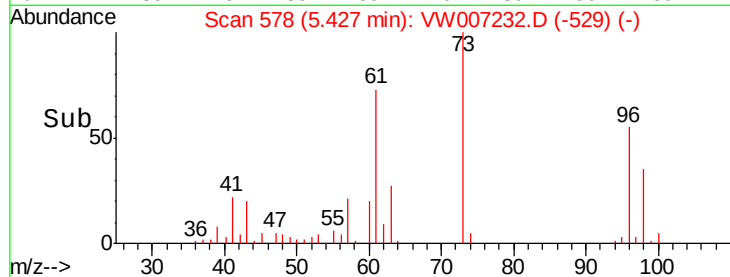
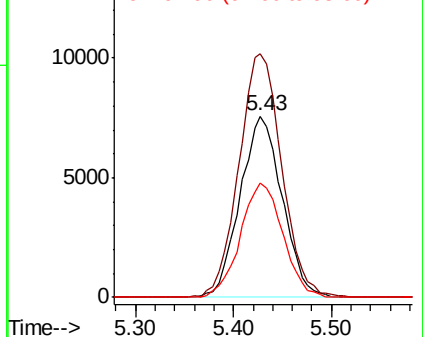
96 100

61 134.1 105.5 158.3

98 63.3 52.6 79.0



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



#22

Diisopropyl ether

Concen: 20.829 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Tgt Ion: 45 Resp: 59464

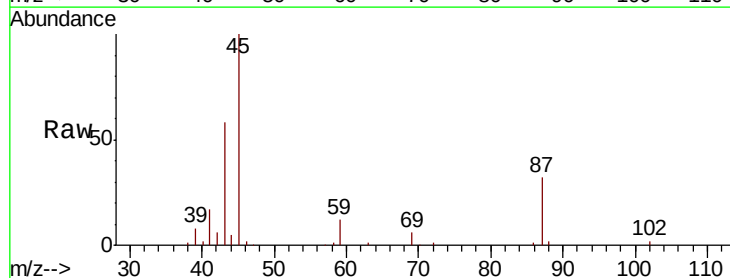
Ion Ratio Lower Upper

45 100

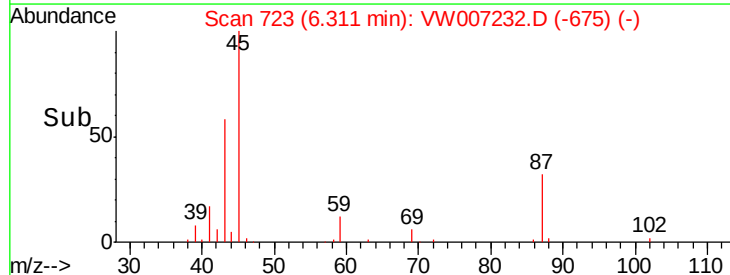
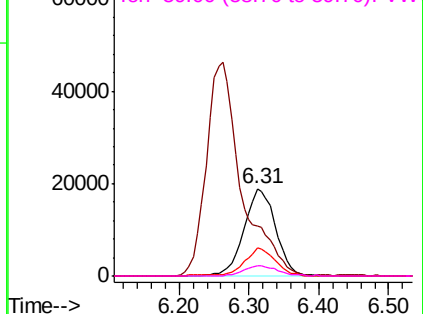
43 56.5 40.8 61.2

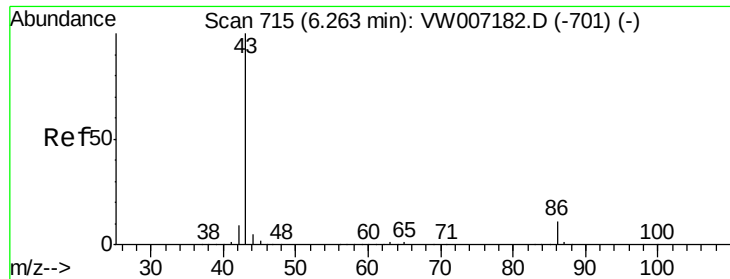
87 31.6 24.0 36.0

59 11.6 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: 103.786 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleID :

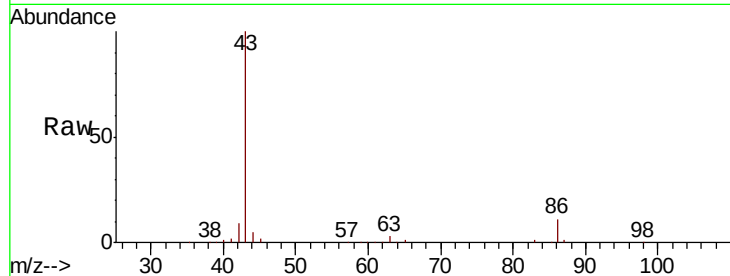
VW1205SBSD01

Tot Ion: 43 Resp: 161676

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

50000

40000

30000

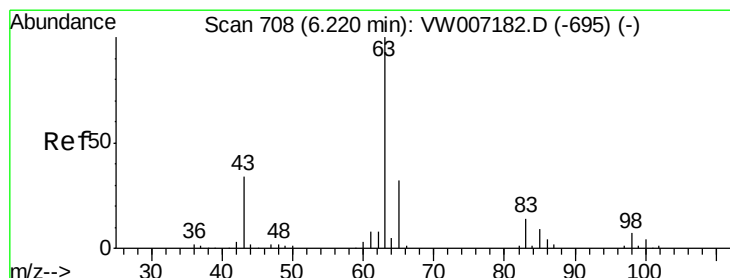
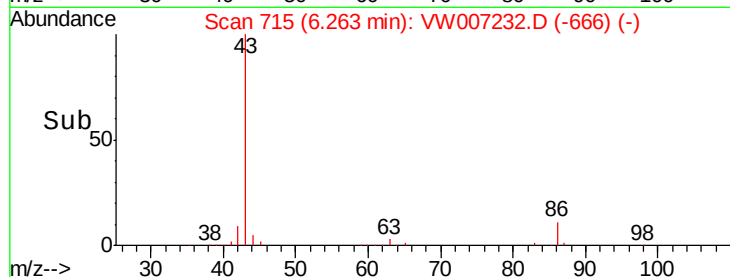
20000

10000

0

Time-->

6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 20.634 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

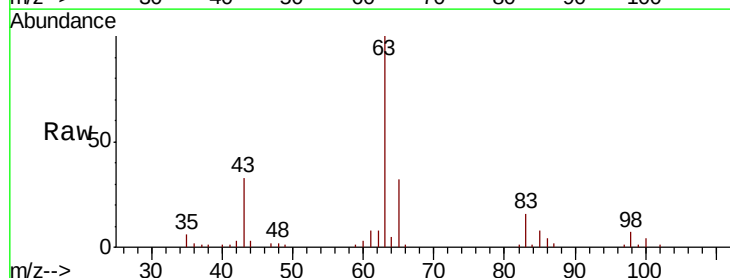
Tgt Ion: 63 Resp: 37757

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.1 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

15000

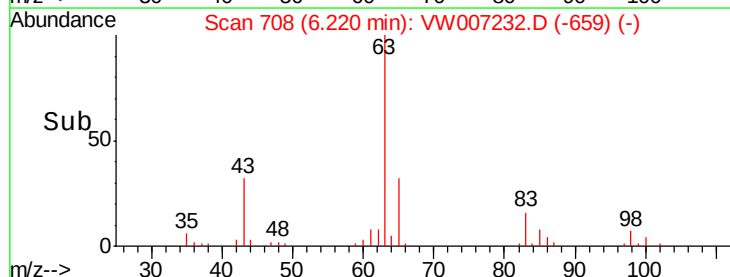
10000

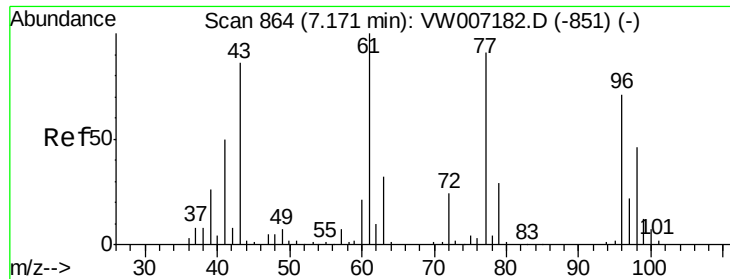
5000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 97.086 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampled :

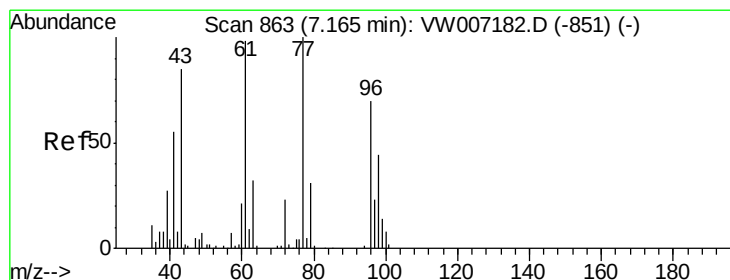
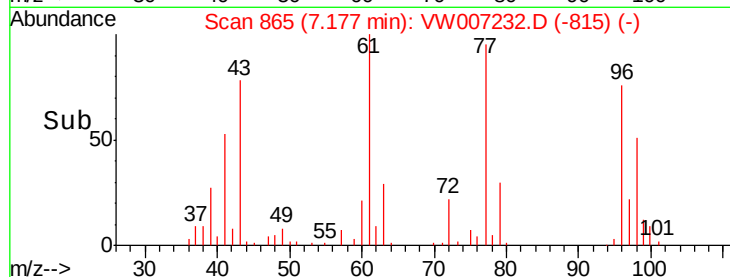
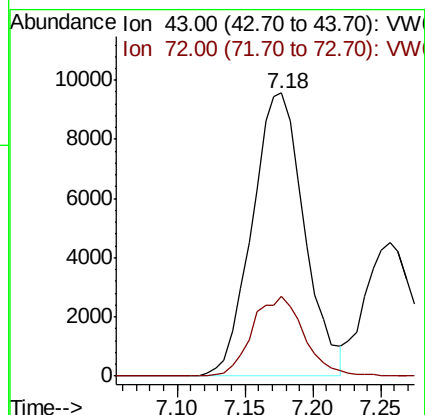
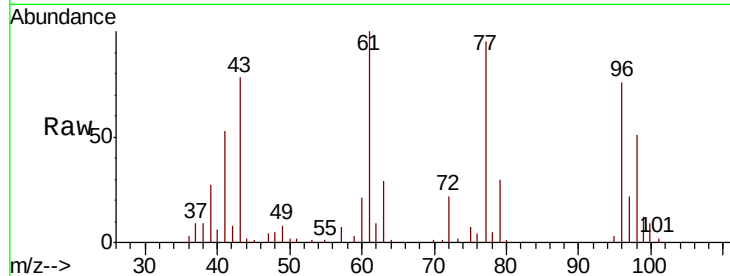
VW1205SBSD01

Tot Ion: 43 Resp: 25704

Ion Ratio Lower Upper

43 100

72 28.2 22.8 34.2



#26

2,2-Dichloropropane

Concen: 20.509 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007232.D

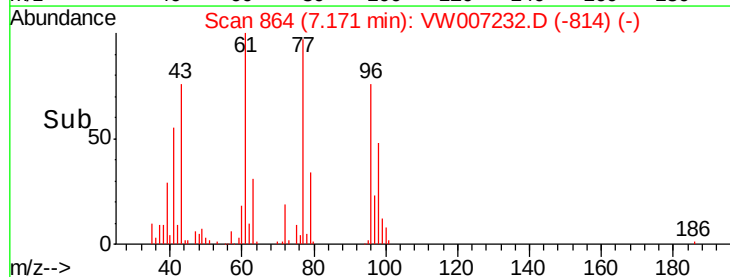
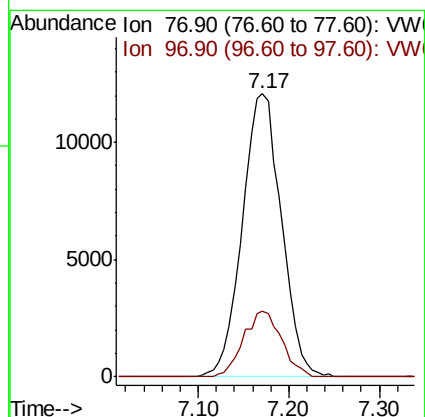
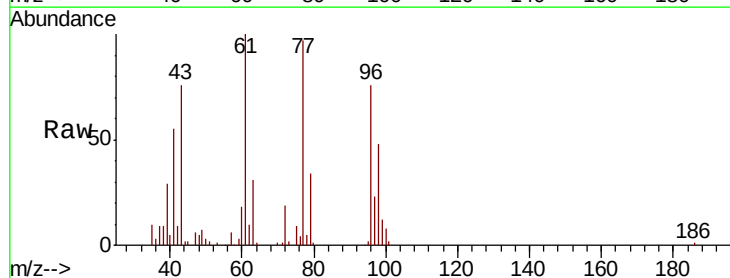
Acq: 05 Dec 2018 15:47

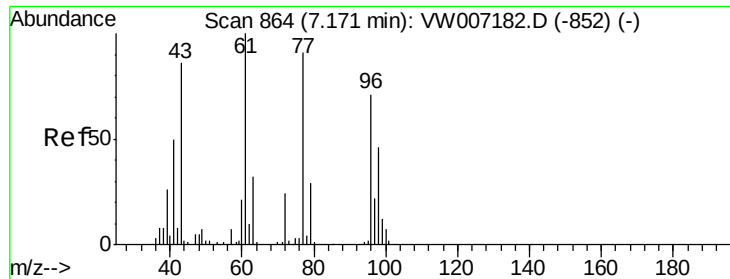
Tgt Ion: 77 Resp: 36063

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4



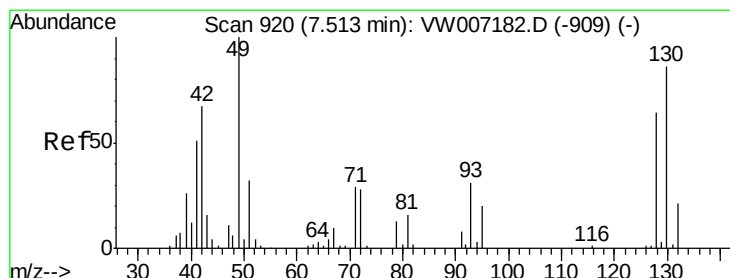
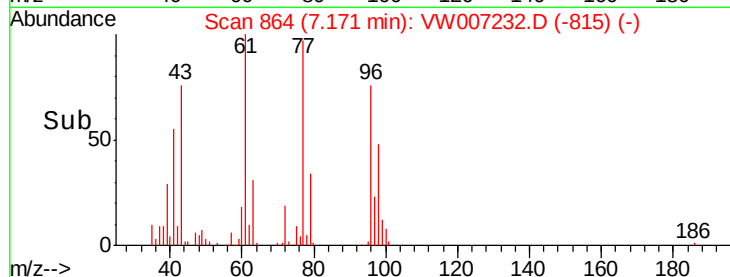
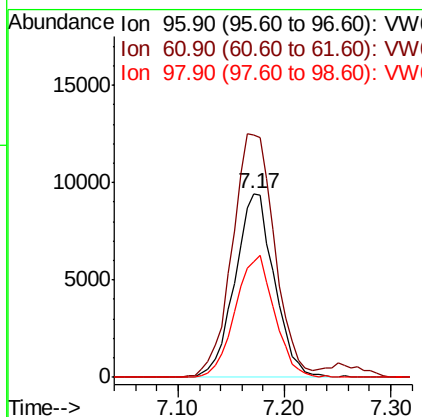
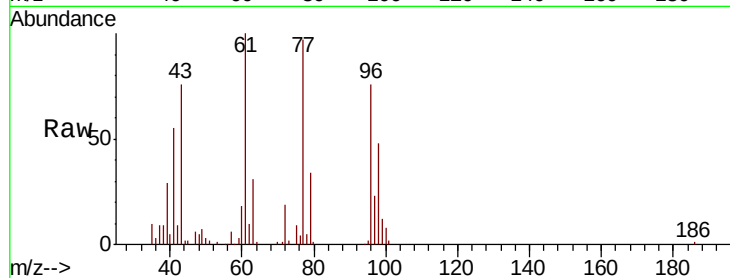


#27

cis-1,2-Dichloroethene
 Concen: 20.541 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

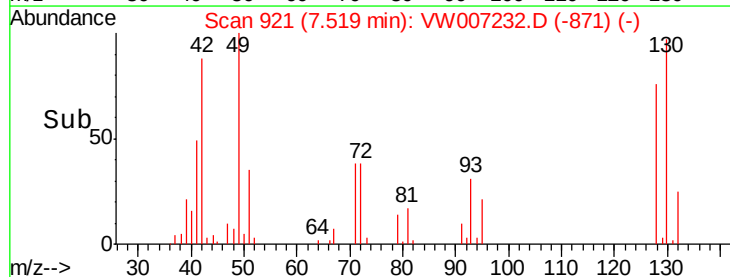
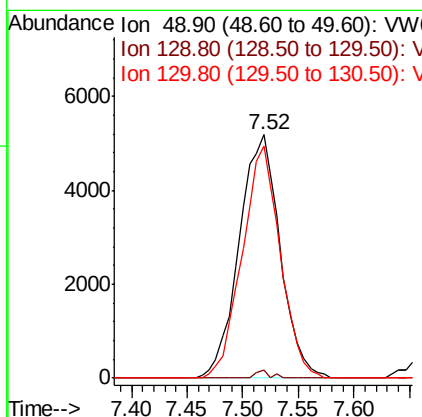
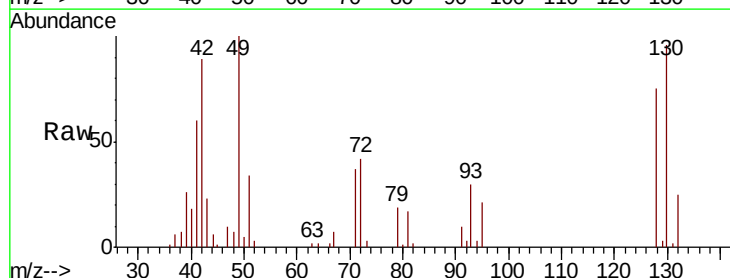
Tot Ion: 96 Resp: 24395
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 282.4
 98 66.1 0.0 129.8

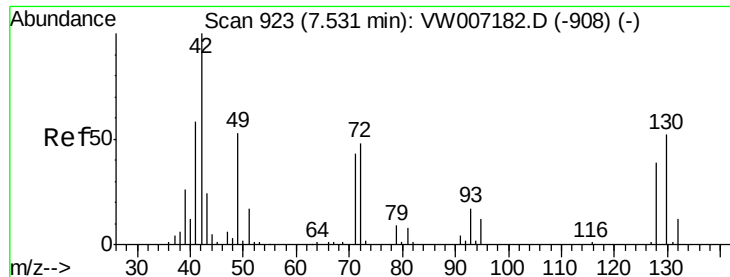


#28

Bromochloromethane
 Concen: 20.101 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 49 Resp: 13263
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 88.6 70.3 105.5

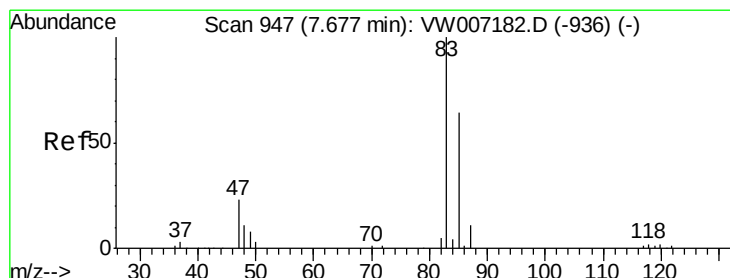
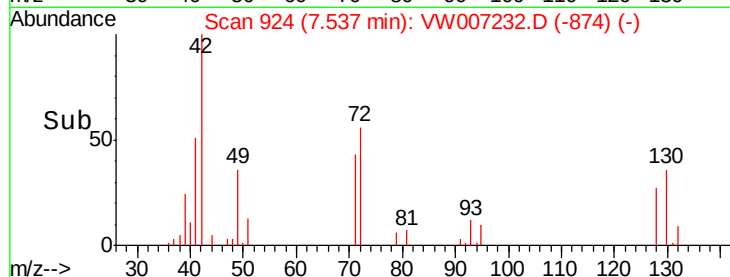
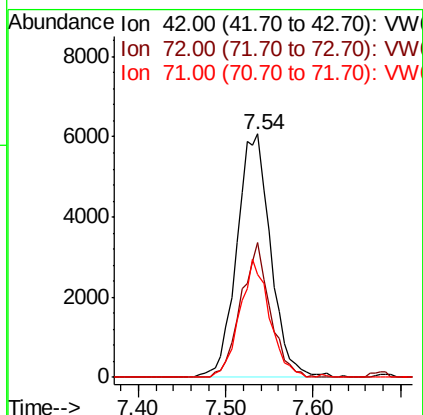
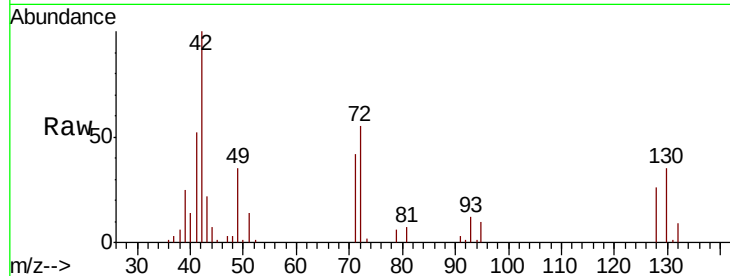




#29
Tetrahydrofuran
Concen: 99.788 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

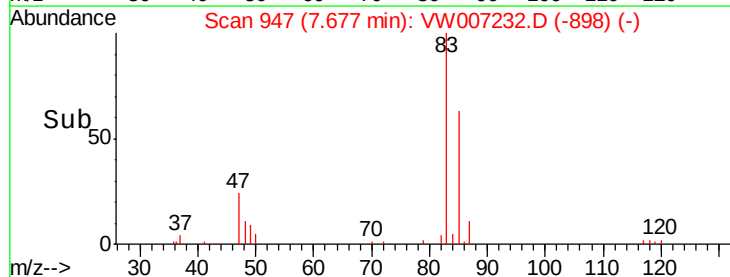
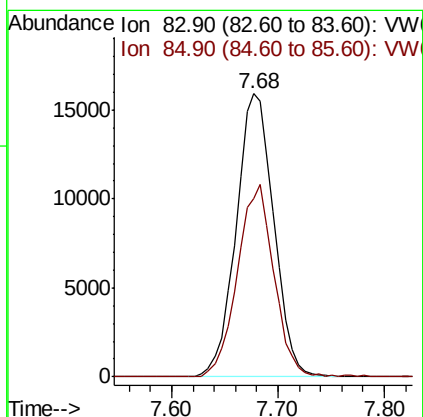
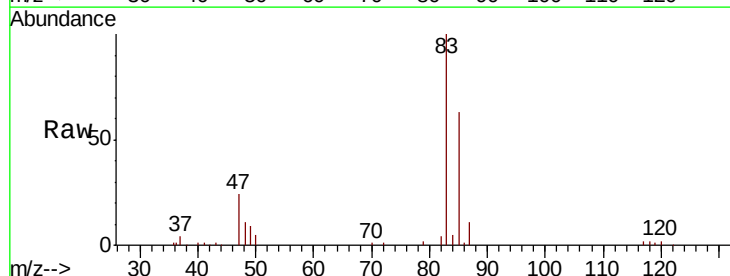
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

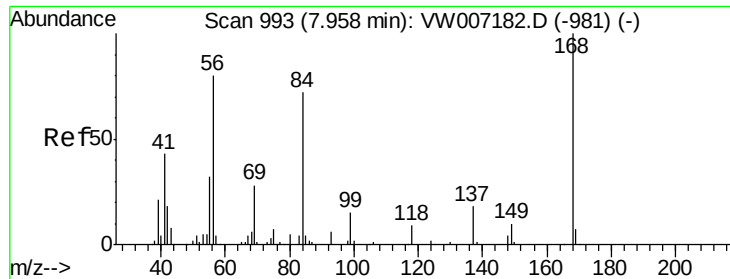
Tot Ion: 42 Resp: 16326
Ion Ratio Lower Upper
42 100
72 47.6 36.6 55.0
71 42.6 34.8 52.2



#30
Chloroform
Concen: 20.732 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 83 Resp: 39426
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3

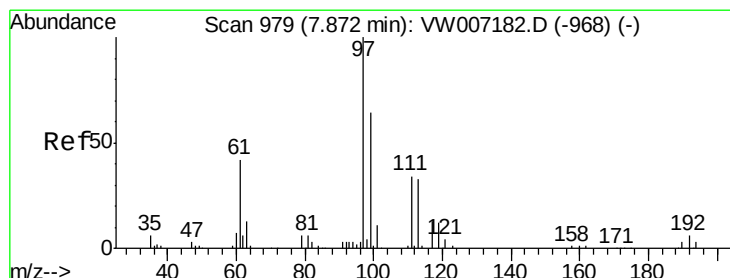
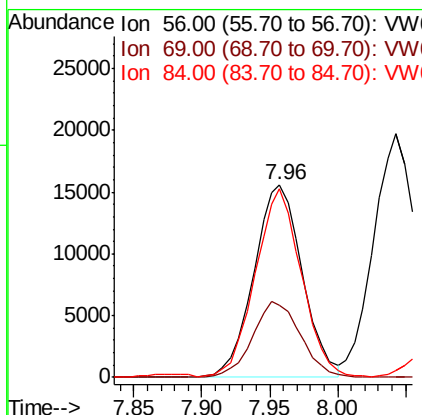
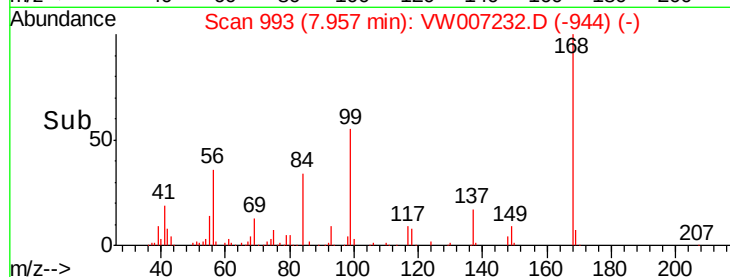
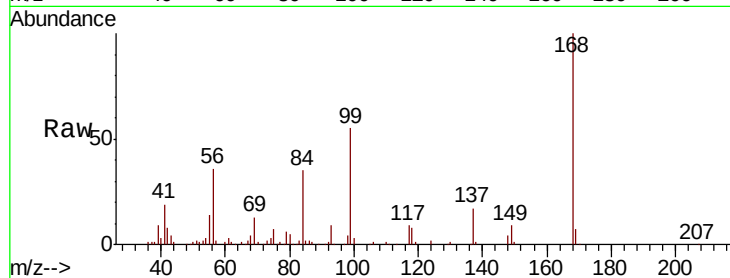




#31
Cyclohexane
Concen: 20.251 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

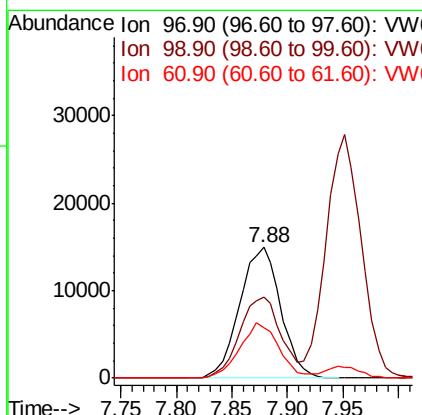
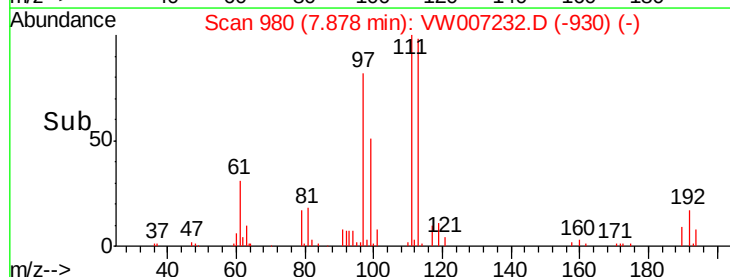
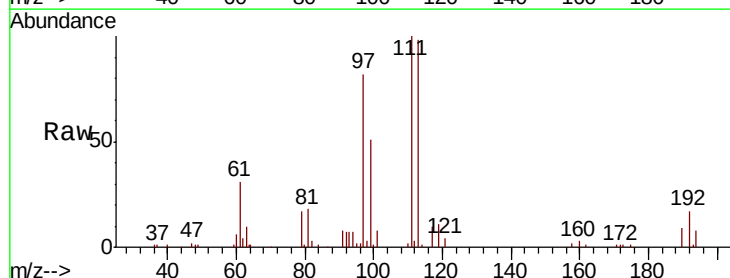
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

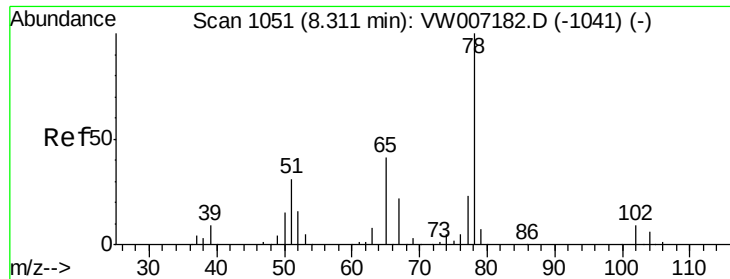
Tot Ion: 56 Resp: 38772
Ion Ratio Lower Upper
56 100
69 37.6 28.2 42.2
84 96.7 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 21.333 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 97 Resp: 38178
Ion Ratio Lower Upper
97 100
99 62.2 51.3 76.9
61 40.3 33.2 49.8

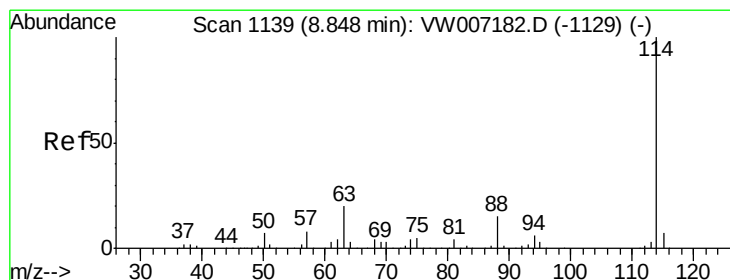
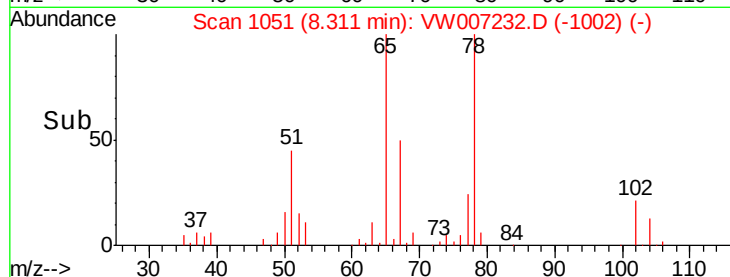
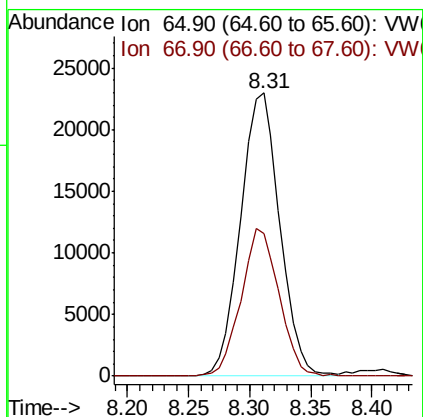
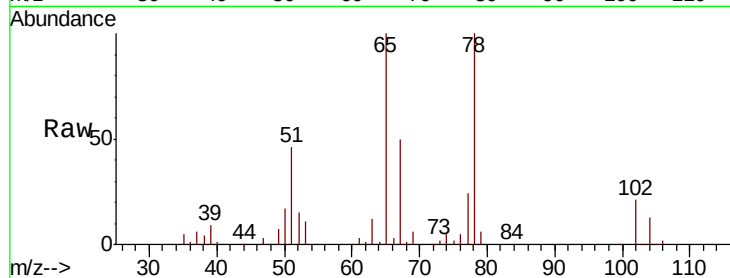




#33
 1,2-Dichloroethane-d4
 Concen: 53.164 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

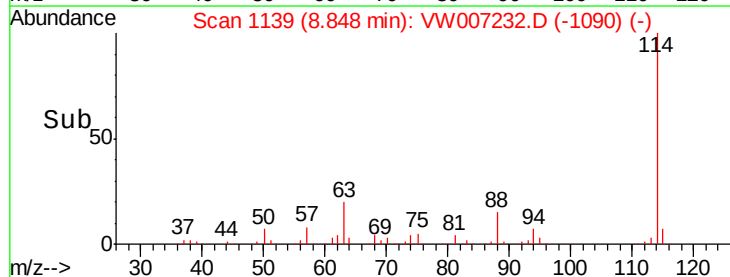
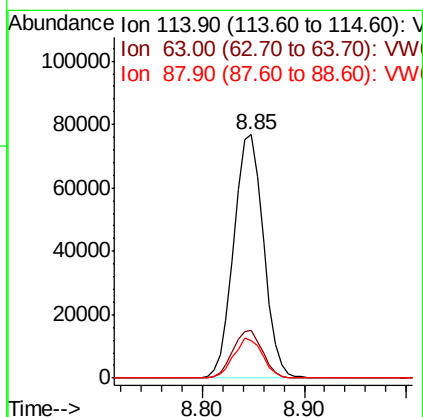
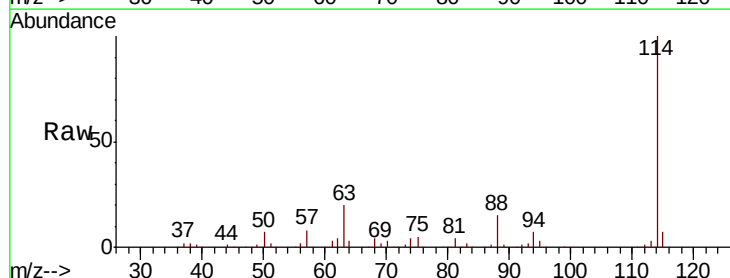
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

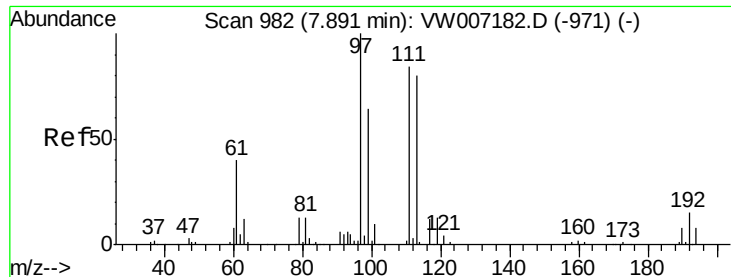
Tot Ion: 65 Resp: 51291
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 114 Resp: 155441
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 15.4 0.0 30.0

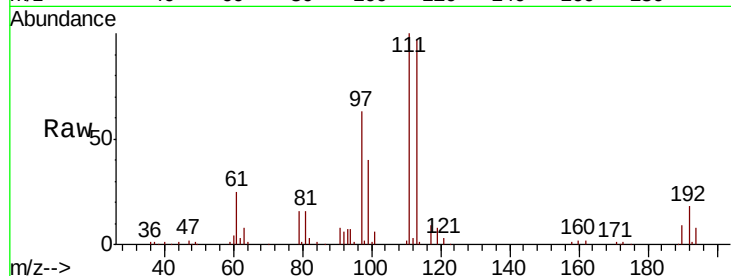




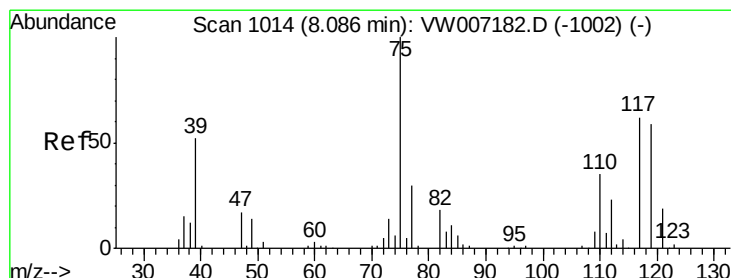
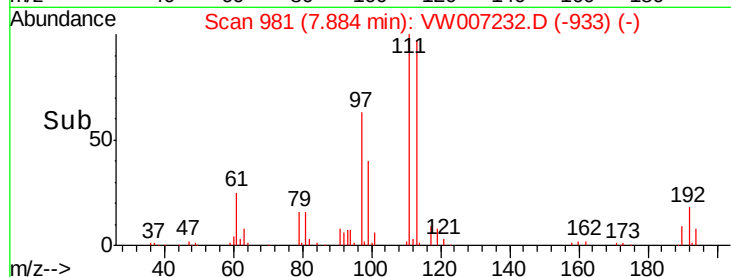
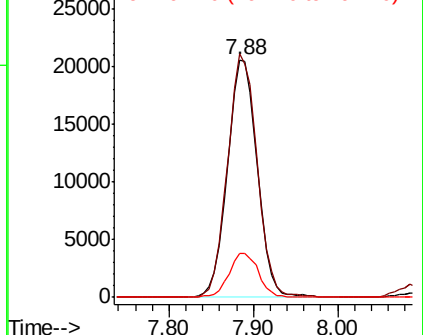
#35
Dibromofluoromethane
Concen: 55.362 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Tot Ion:113 Resp: 49275
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.2 14.4 21.6

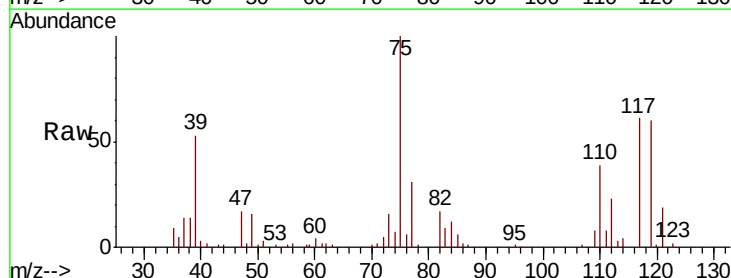


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

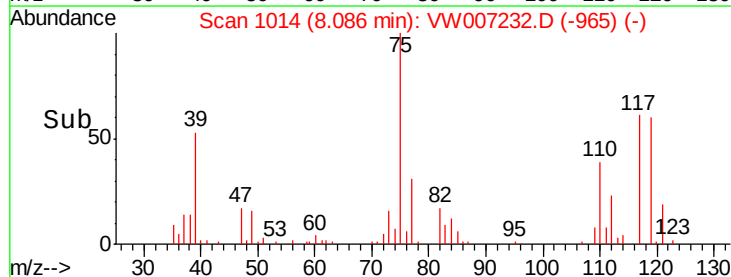
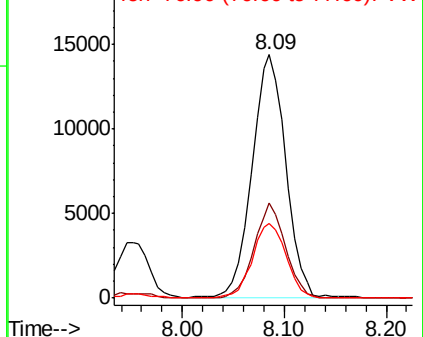


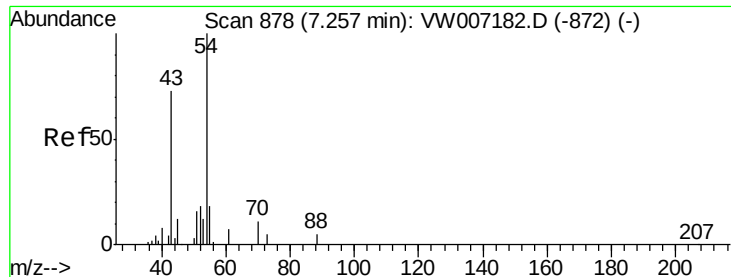
#36
1,1-Dichloropropene
Concen: 21.964 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 75 Resp: 33220
Ion Ratio Lower Upper
75 100
110 35.9 18.3 54.9
77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

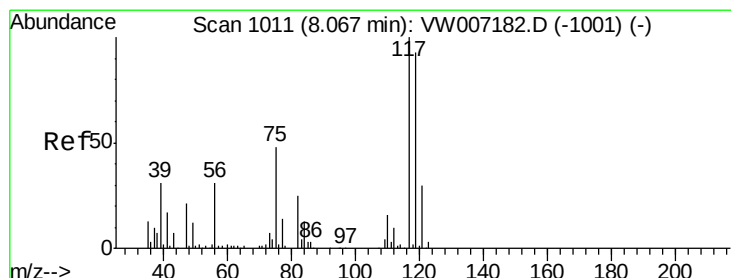
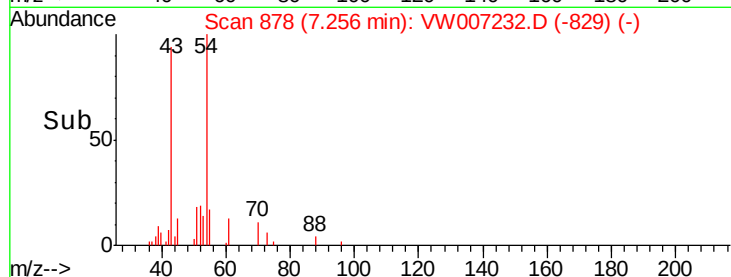
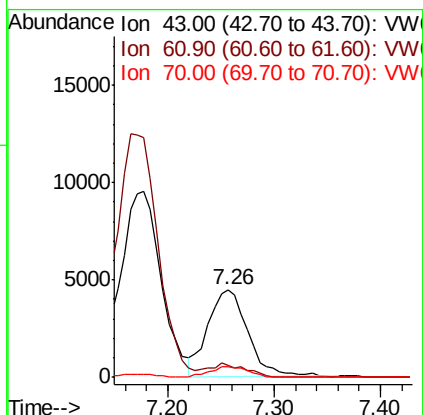
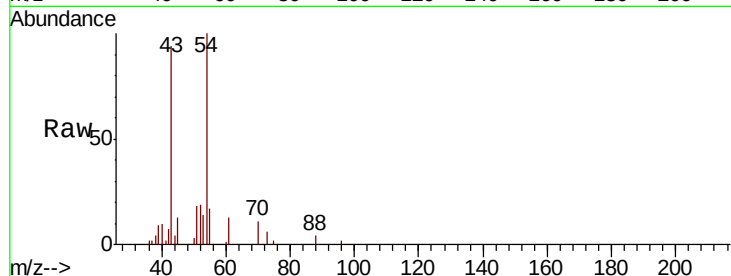




#37
Ethyl Acetate
Concen: 20.961 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

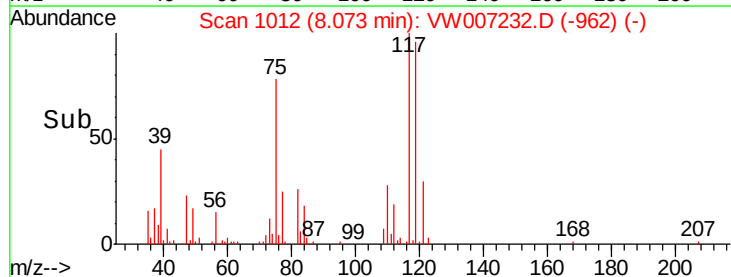
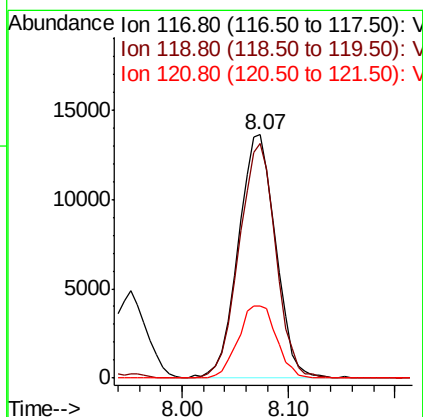
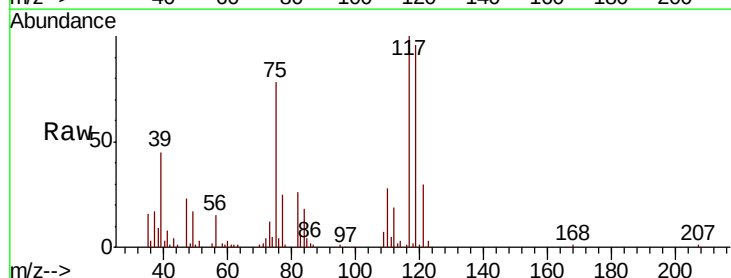
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

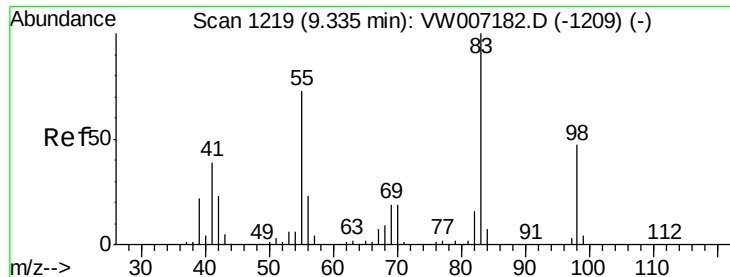
Tot Ion: 43 Resp: 11468
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.691 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 117 Resp: 33485
Ion Ratio Lower Upper
117 100
119 96.3 74.1 111.1
121 29.5 23.9 35.9

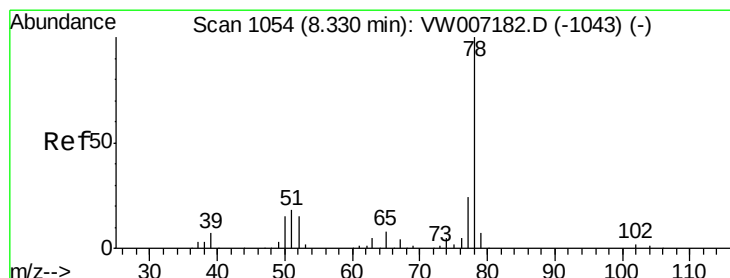
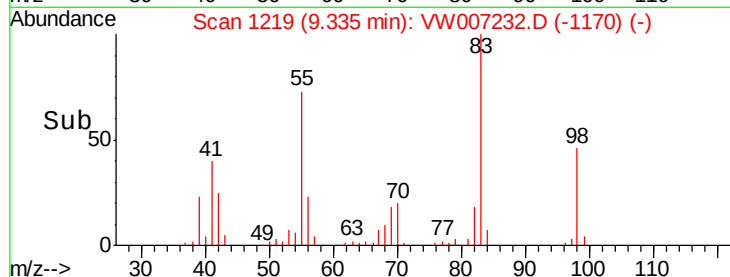
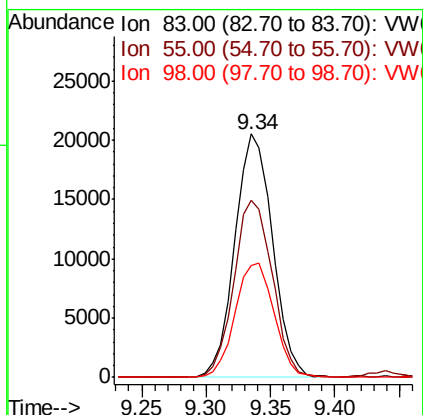
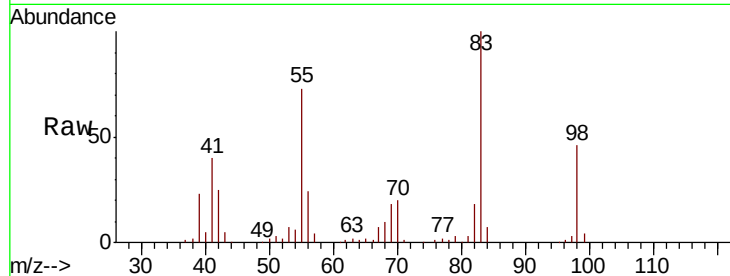




#39
Methylvlcyclohexane
Concen: 20.600 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

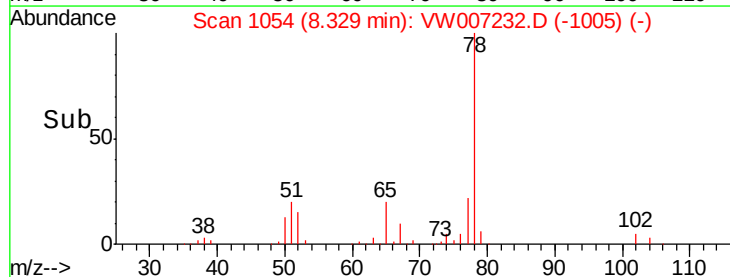
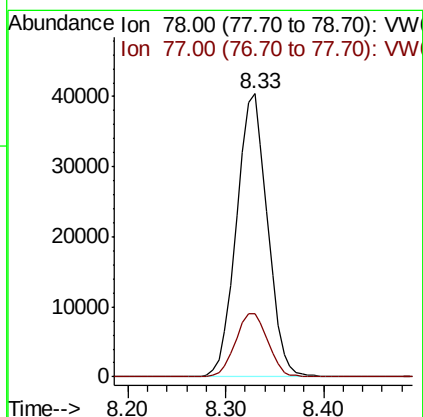
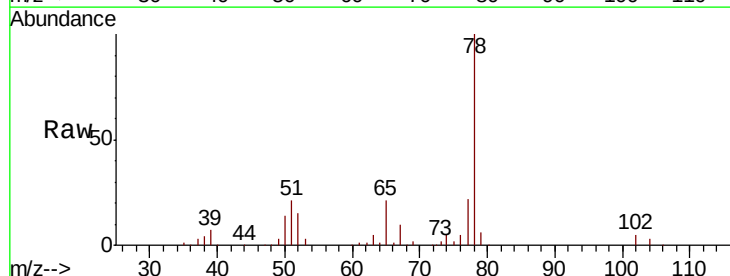
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS01

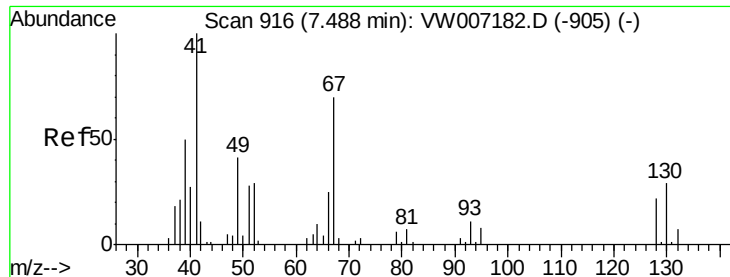
Tot Ion: 83 Resp: 41708
Ion Ratio Lower Upper
83 100
55 72.9 58.1 87.1
98 45.8 37.3 55.9



#40
Benzene
Concen: 21.439 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 78 Resp: 88916
Ion Ratio Lower Upper
78 100
77 22.2 18.9 28.3

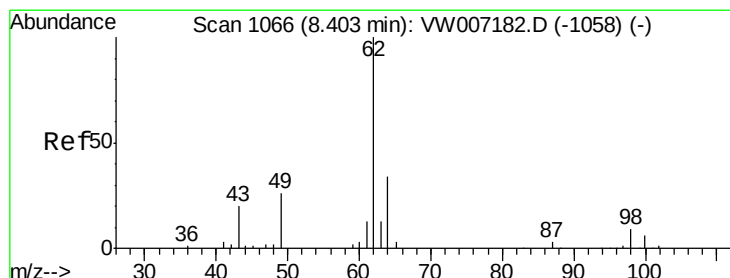
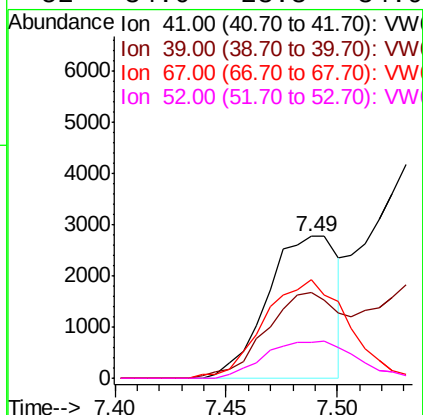
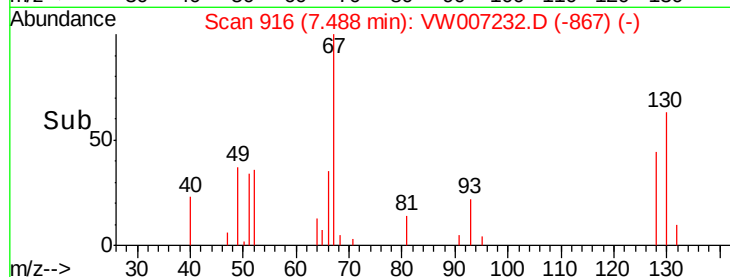
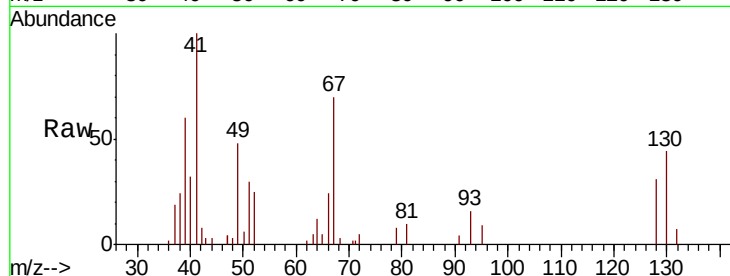




#41
Methacrylonitrile
Concen: 18.627 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

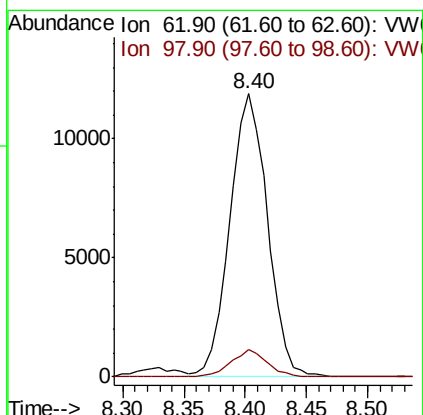
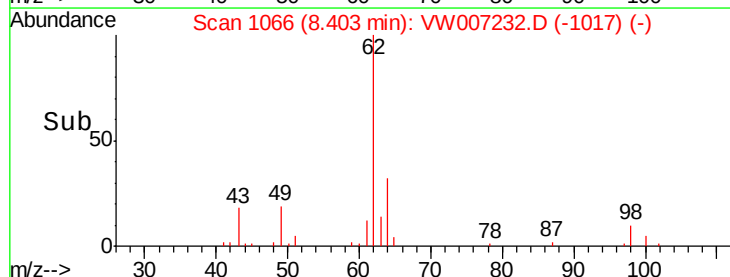
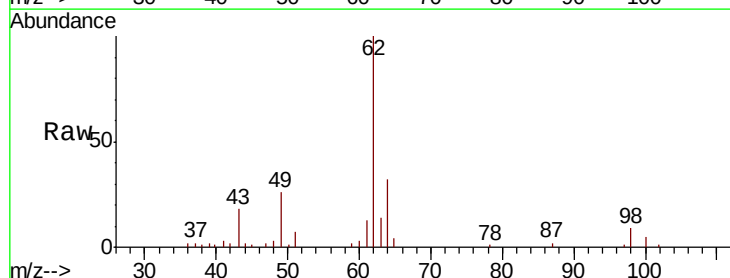
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

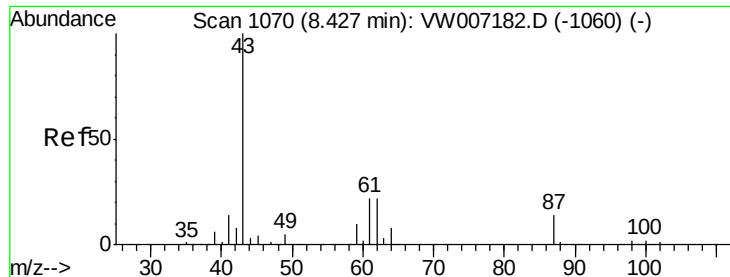
Tot Ion: 41 Resp: 6104
Ion Ratio Lower Upper
41 100
39 66.6 43.4 65.0#
67 81.6 57.4 86.0
52 34.0 23.3 34.9



#42
1,2-Dichloroethane
Concen: 21.864 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 62 Resp: 25343
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8





#43

Isopropyl Acetate

Concen: 20.676 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

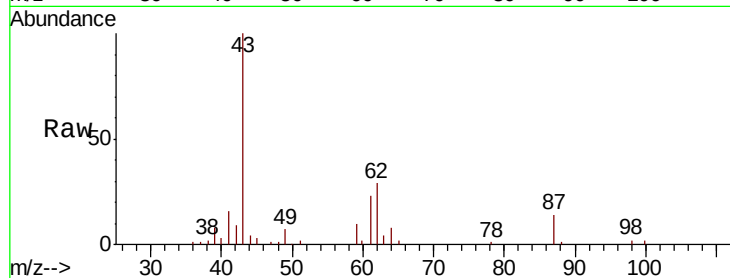
Tot Ion: 43 Resp: 21970

Ion Ratio Lower Upper

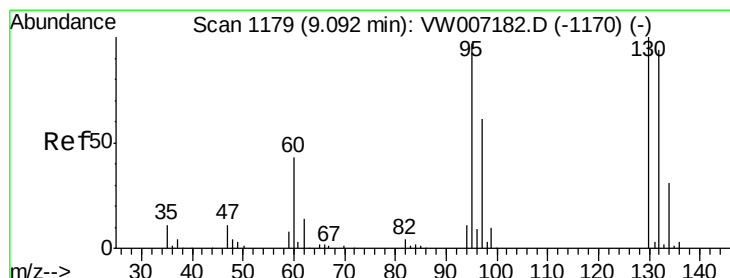
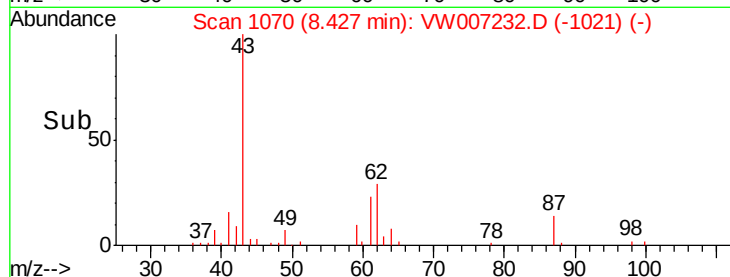
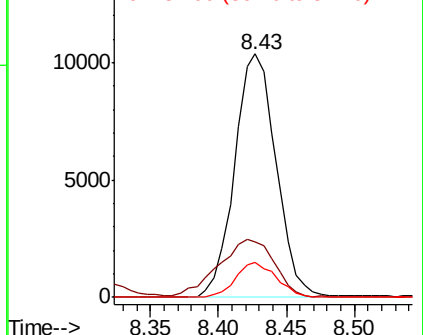
43 100

61 32.0 25.4 38.0

87 14.1 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: 21.761 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007232.D

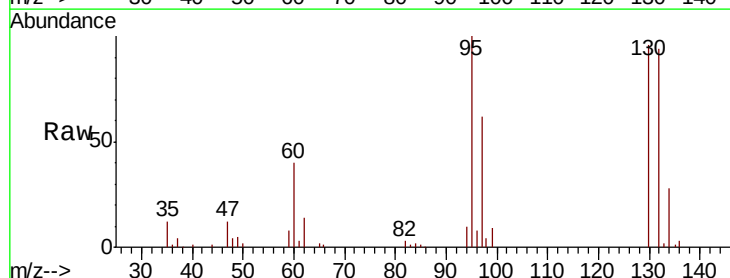
Acq: 05 Dec 2018 15:47

Tgt Ion:130 Resp: 25369

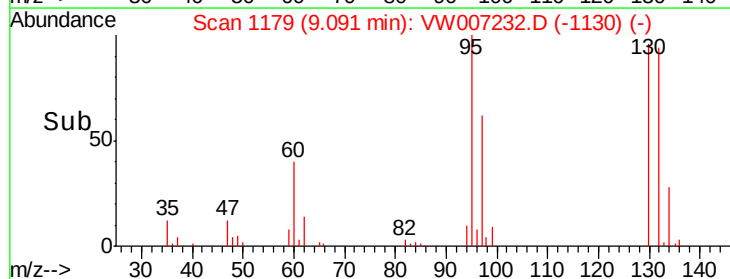
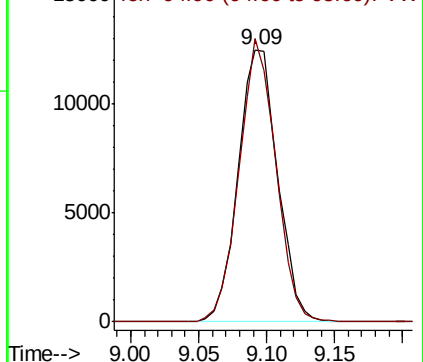
Ion Ratio Lower Upper

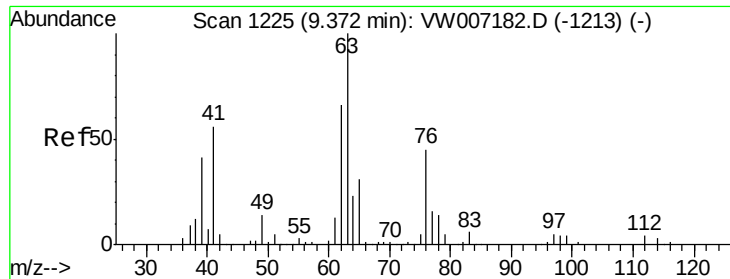
130 100

95 104.1 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V
15000 Ion 94.90 (94.60 to 95.60): VW

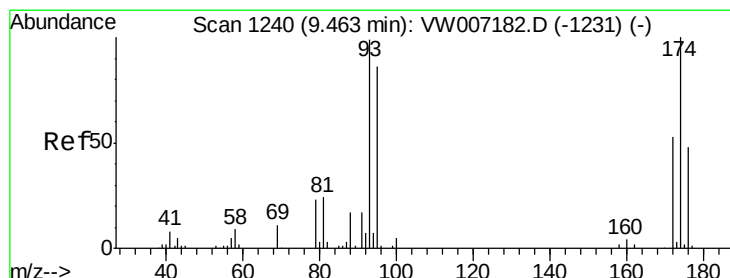
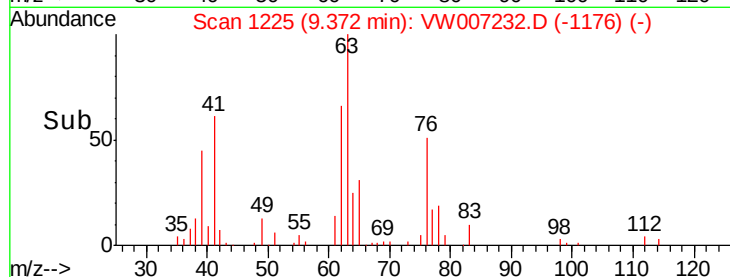
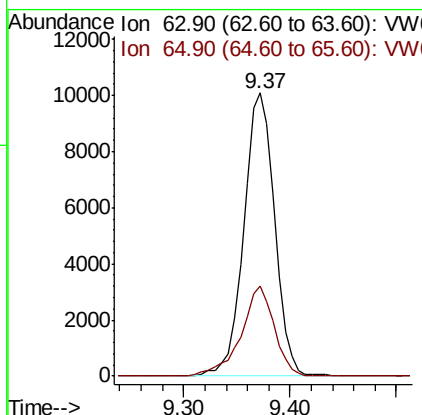
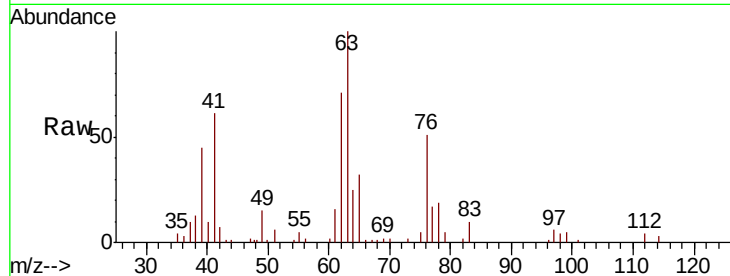




#45
 1,2-Dichloropropane
 Concen: 21.241 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

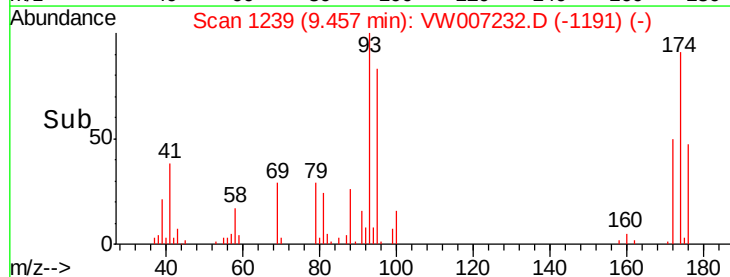
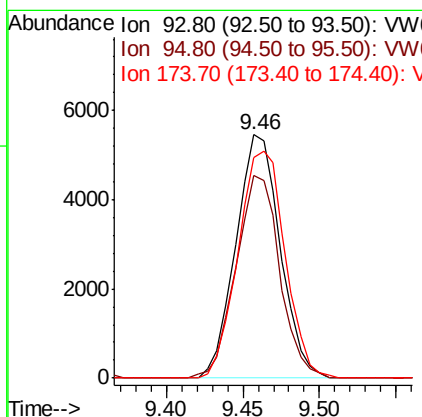
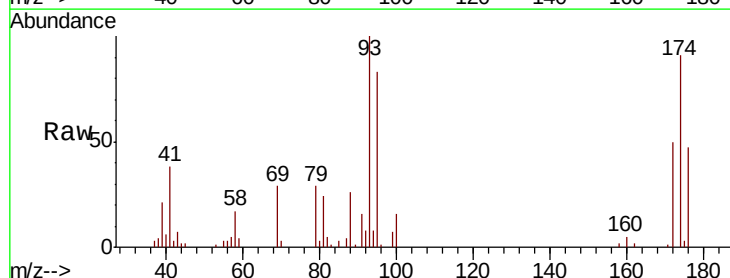
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

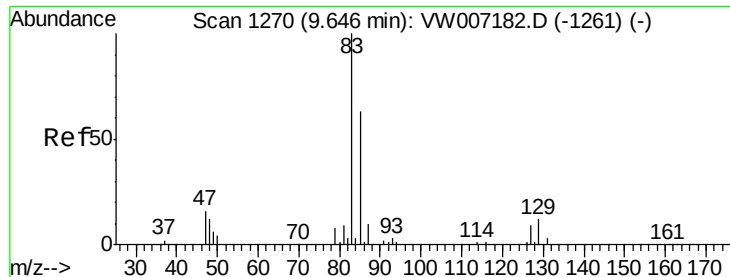
Tot Ion: 63 Resp: 20500
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.4



#46
 Dibromomethane
 Concen: 21.844 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 93 Resp: 10955
 Ion Ratio Lower Upper
 93 100
 95 82.1 68.7 103.1
 174 98.7 82.9 124.3





#47

Bromodichloromethane

Concen: 21.923 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

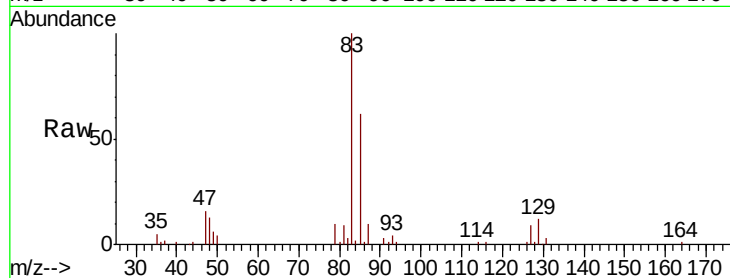
Tot Ion: 83 Resp: 28921

Ion Ratio Lower Upper

83 100

85 62.1 50.6 76.0

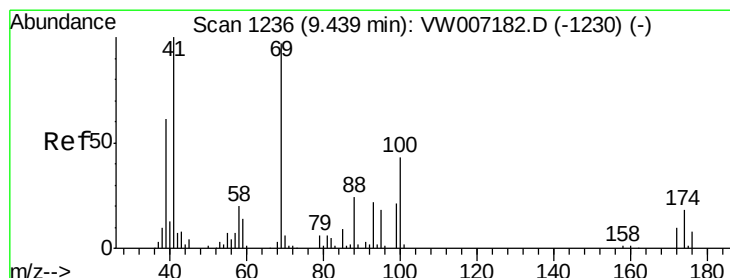
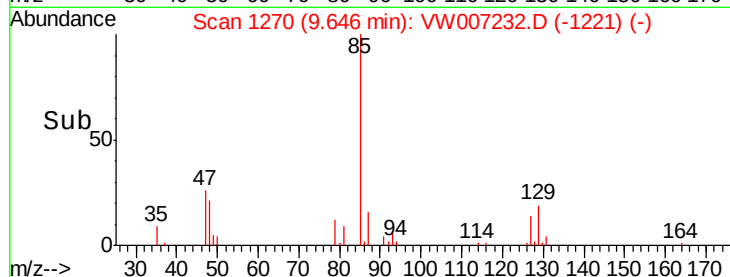
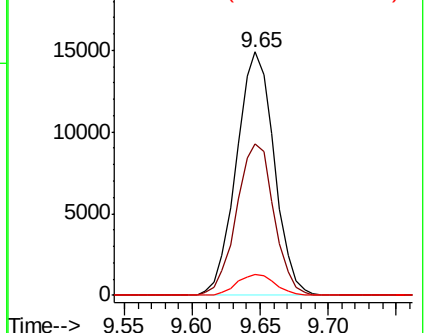
127 8.7 7.3 10.9



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: 19.770 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

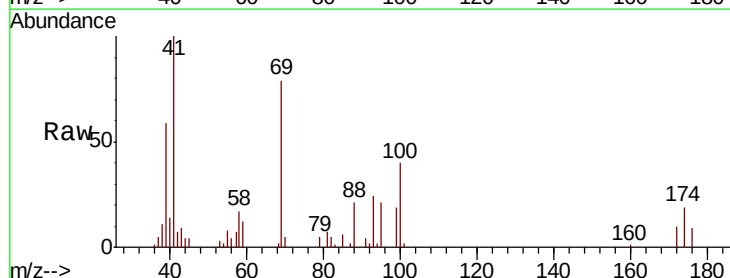
Tgt Ion: 41 Resp: 10903

Ion Ratio Lower Upper

41 100

69 89.4 69.6 104.4

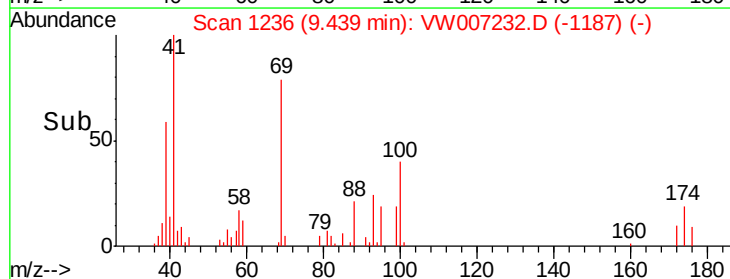
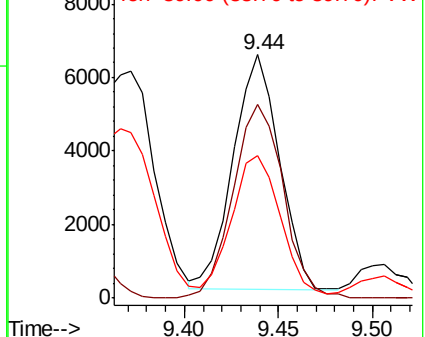
39 60.4 42.4 63.6

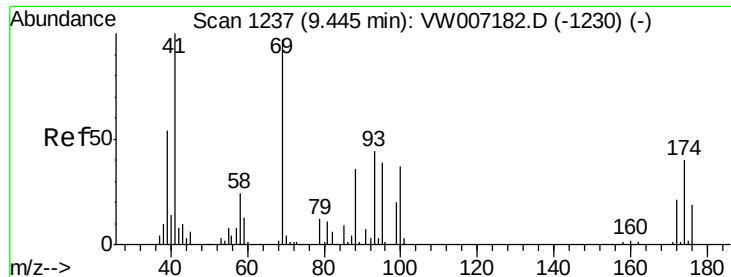


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

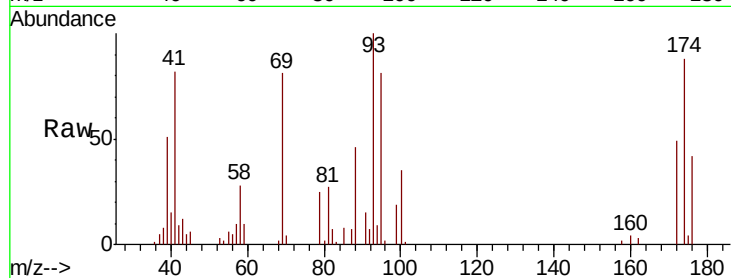




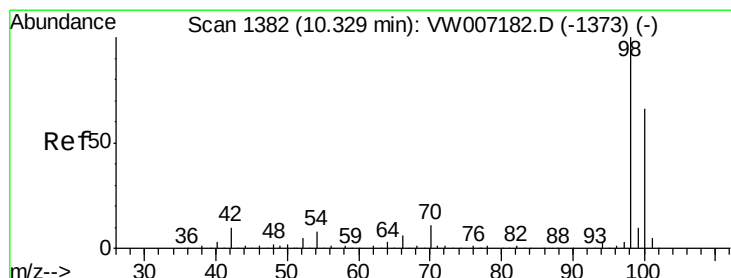
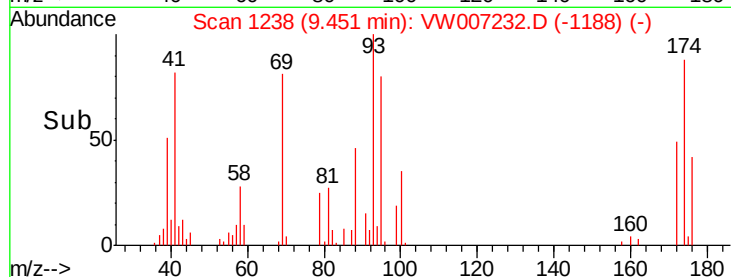
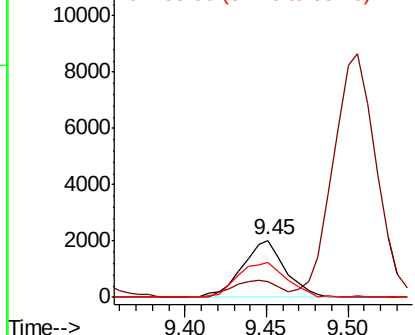
#49
1,4-Dioxane
Concen: 419.823 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Tot Ion: 88 Resp: 3678
Ion Ratio Lower Upper
88 100
43 32.4 25.8 38.8
58 70.3 58.9 88.3

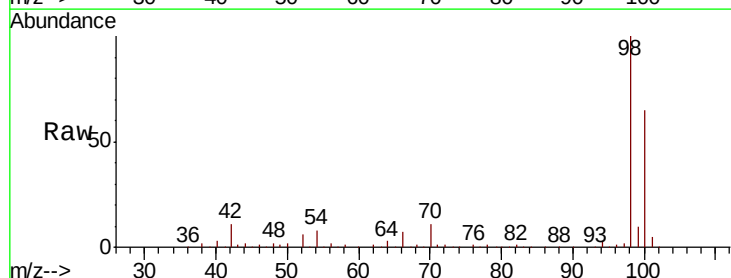


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

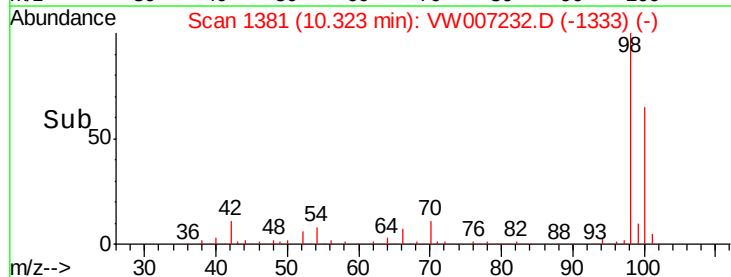
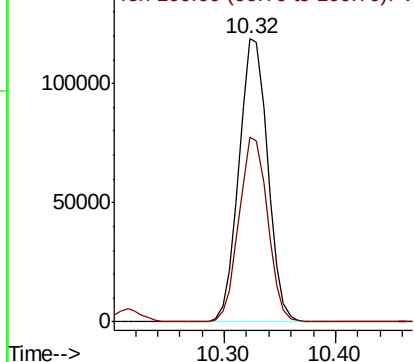


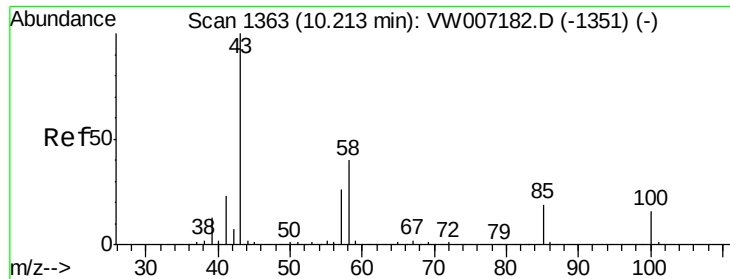
#50
Toluene-d8
Concen: 54.485 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 98 Resp: 213616
Ion Ratio Lower Upper
98 100
100 65.2 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: 103.841 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

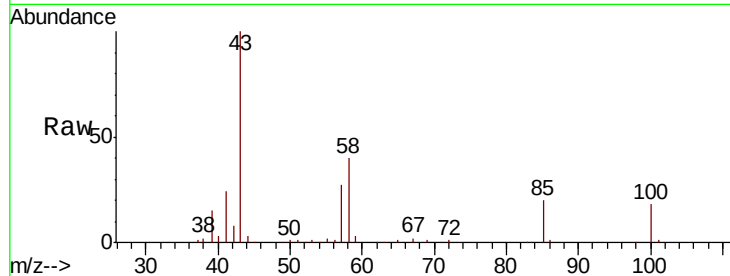
VW1205SBSD01

Tot Ion: 43 Resp: 54375

Ion Ratio Lower Upper

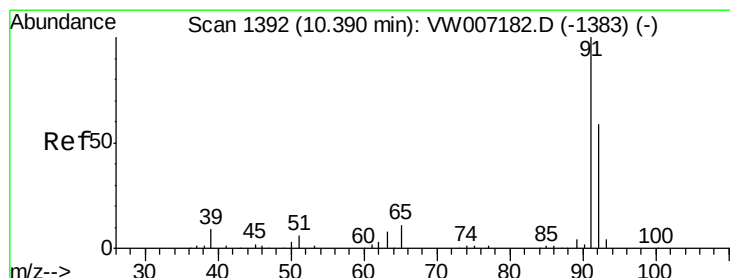
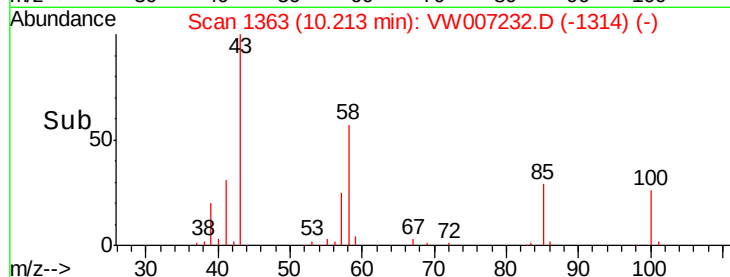
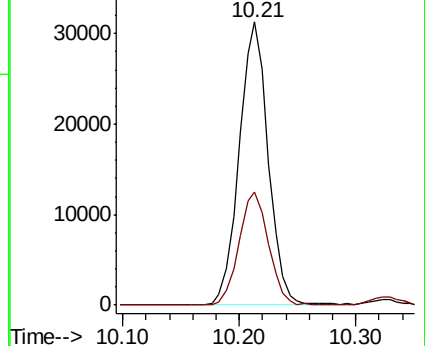
43 100

58 40.7 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: 21.839 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007232.D

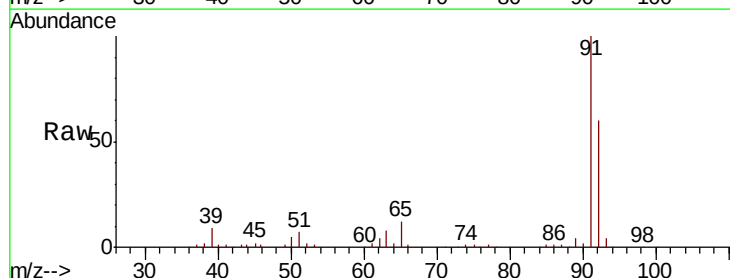
Acq: 05 Dec 2018 15:47

Tgt Ion: 92 Resp: 63006

Ion Ratio Lower Upper

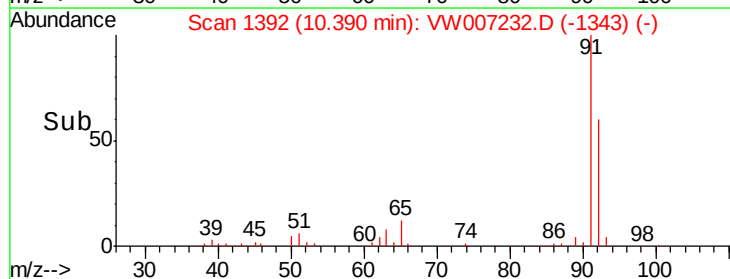
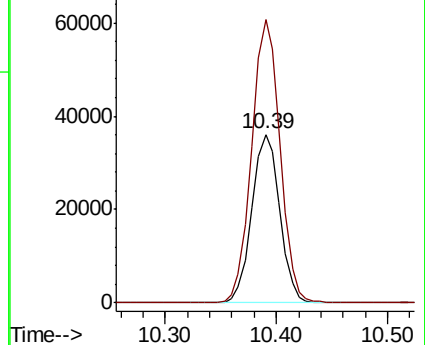
92 100

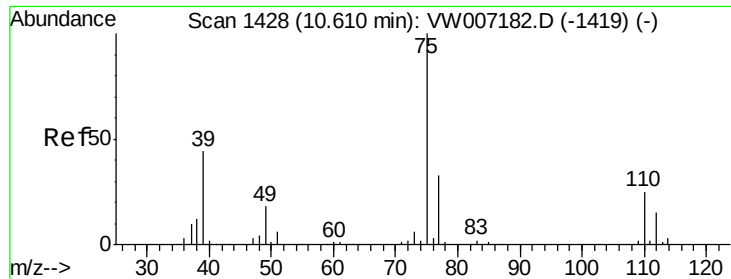
91 170.8 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

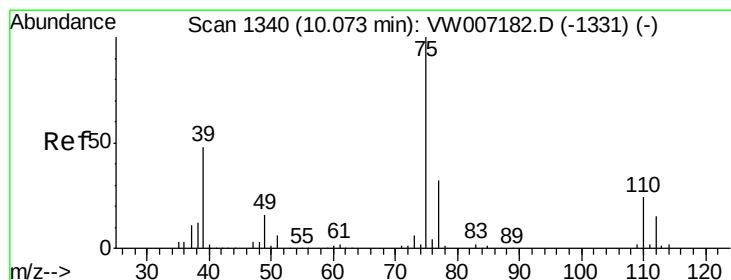
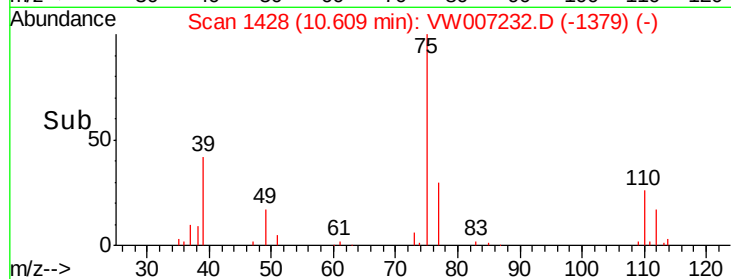
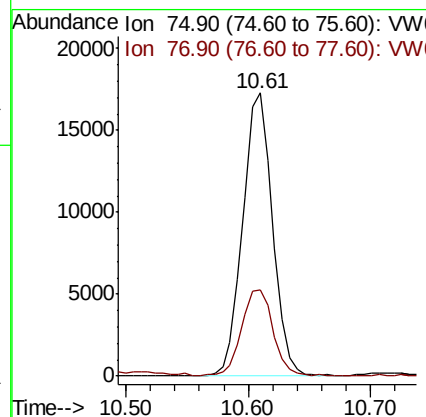
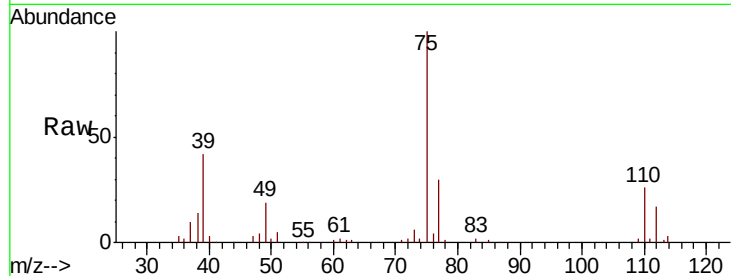




#53
 t-1,3-Dichloropropene
 Concen: 21.941 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

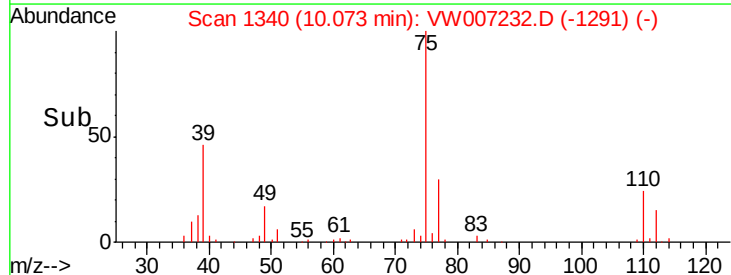
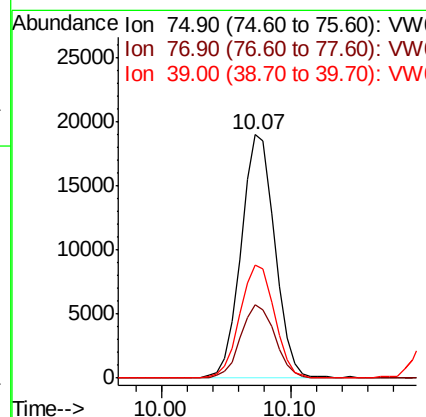
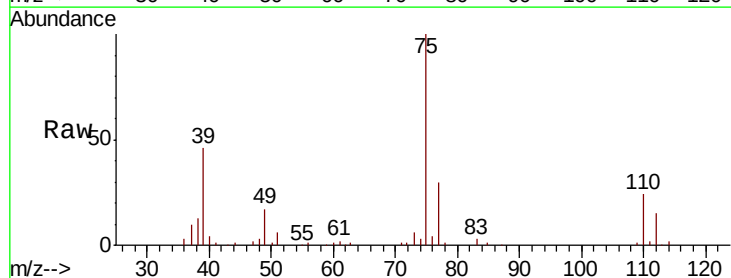
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

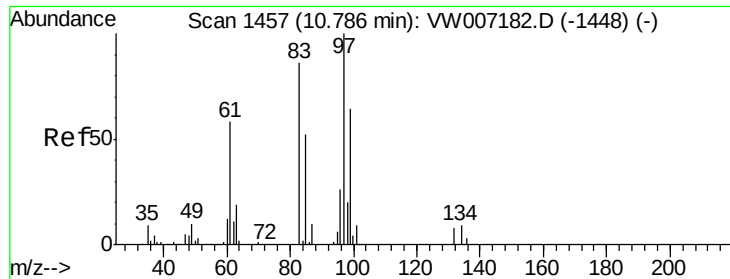
Tot Ion: 75 Resp: 29100
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 22.104 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 75 Resp: 34357
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.0 39.0
 39 46.2 38.0 57.0

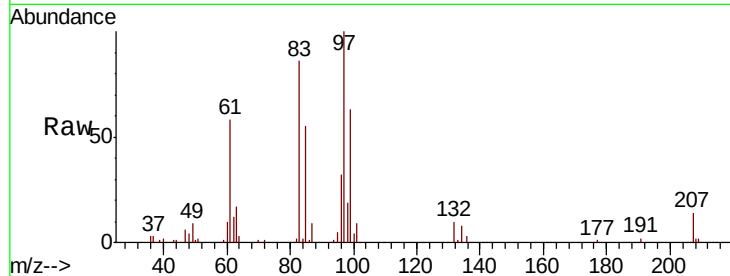




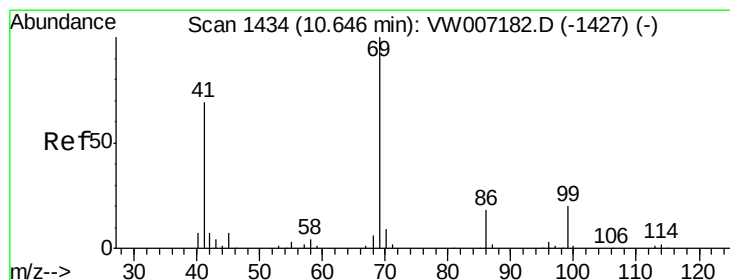
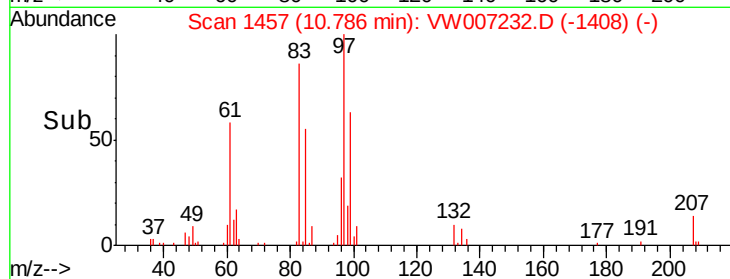
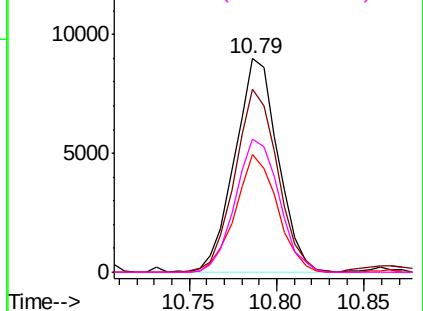
#55
1,1,2-Trichloroethane
Concen: 21.770 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Tot Ion:	97	Resp:	15530
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.6	102.8
85	55.2	41.4	62.2
99	62.5	51.2	76.8

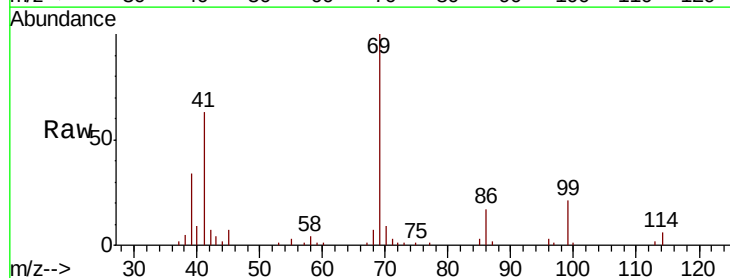


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 98.90 (98.60 to 99.60): VW

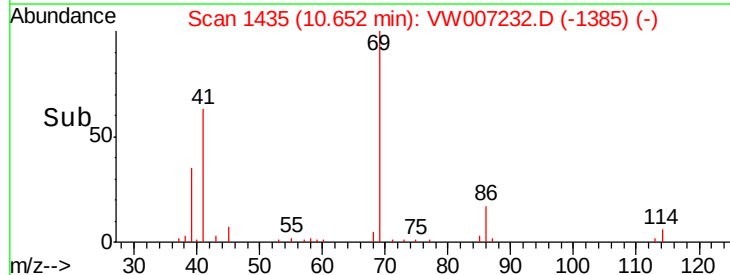
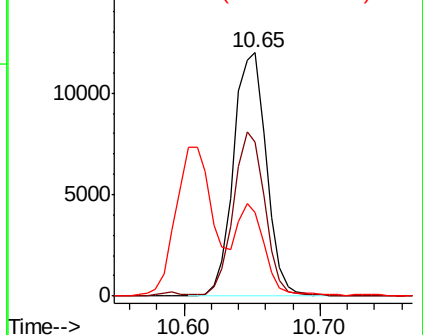


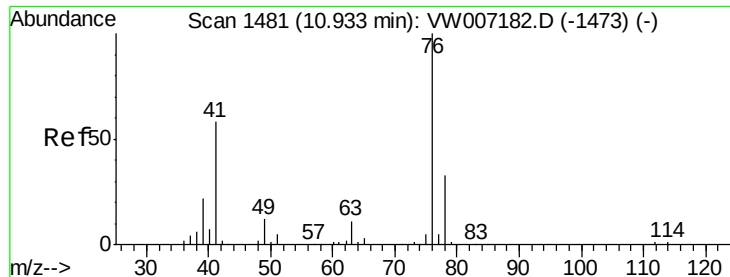
#56
Ethyl methacrylate
Concen: 21.666 ug/l
RT: 10.65 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion:	69	Resp:	20161
Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.8	77.6
39	30.7	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

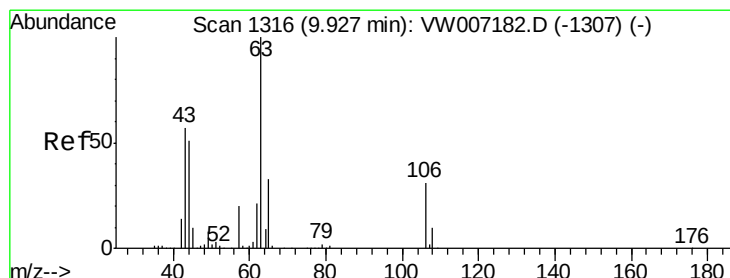
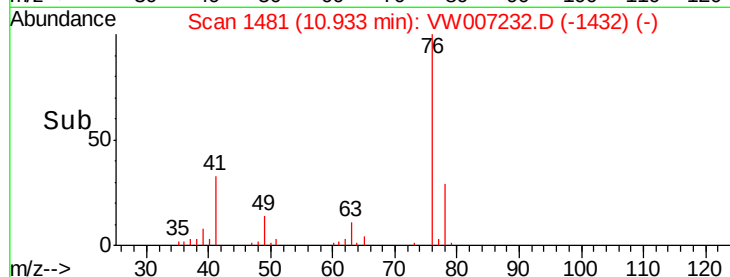
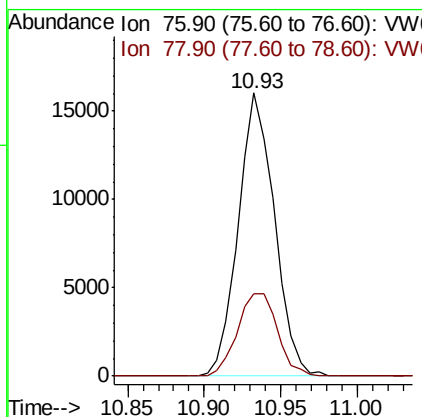
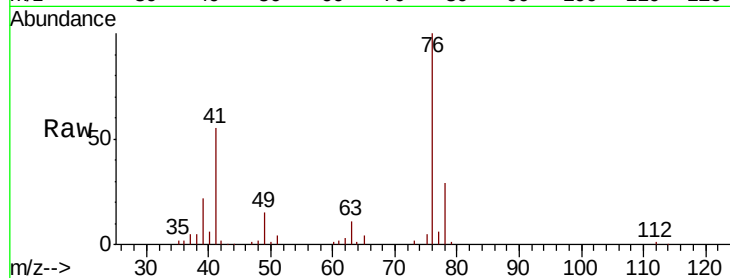




#57
 1,3-Dichloropropane
 Concen: 21.809 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

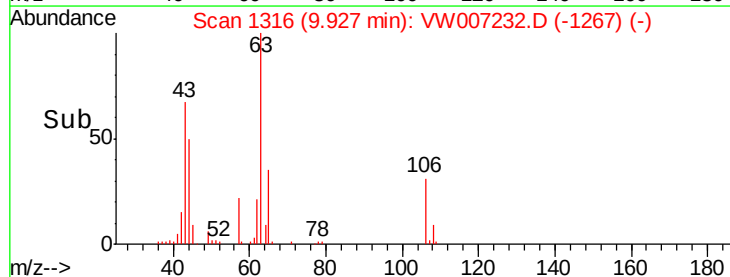
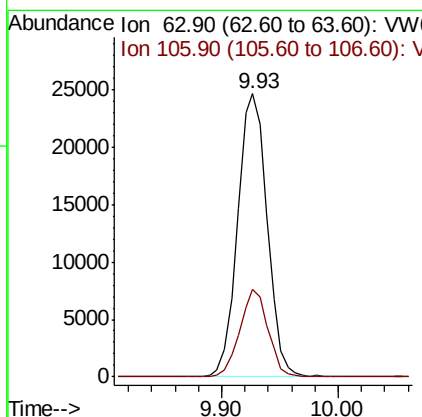
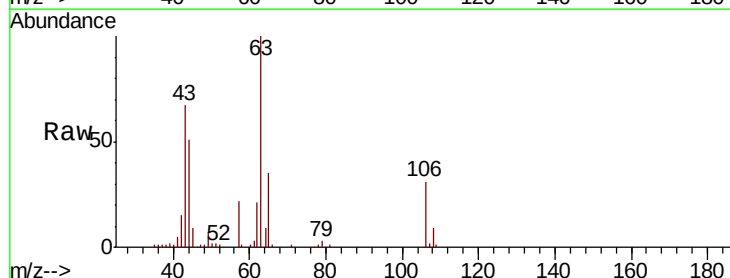
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

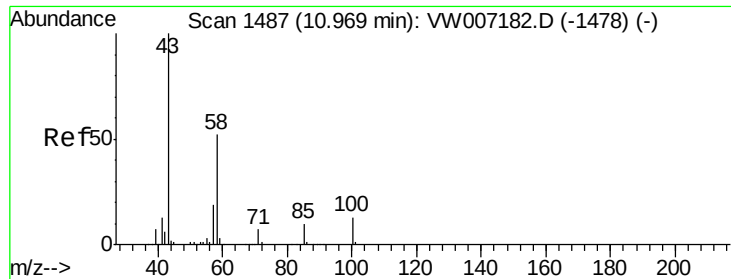
Tot Ion: 76 Resp: 26266
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.527 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 63 Resp: 43553
 Ion Ratio Lower Upper
 63 100
 106 29.3 24.1 36.1

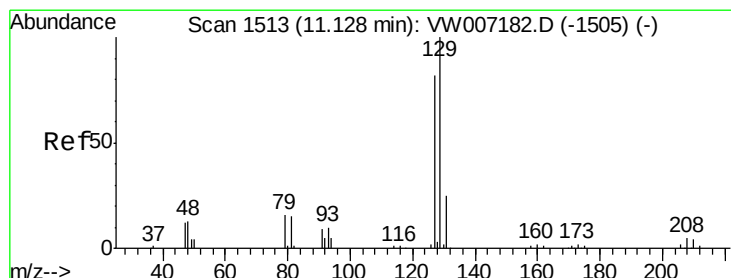
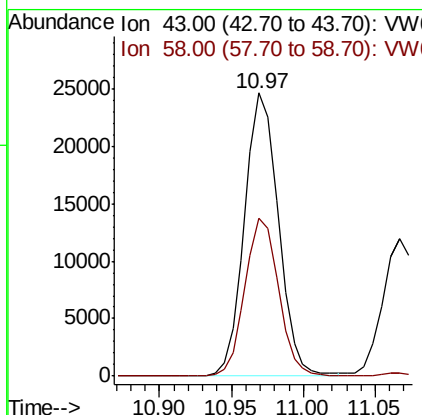
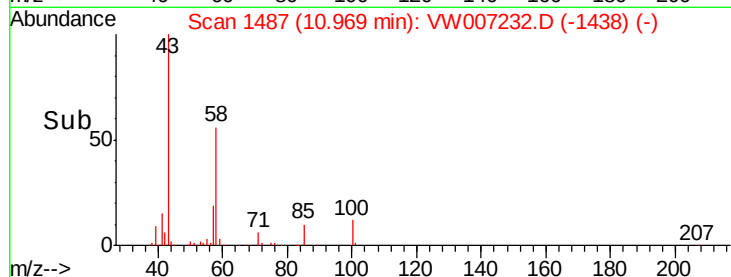
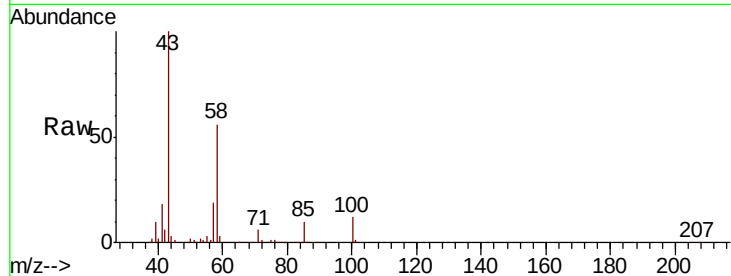




#59
2-Hexanone
Concen: 106.255 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

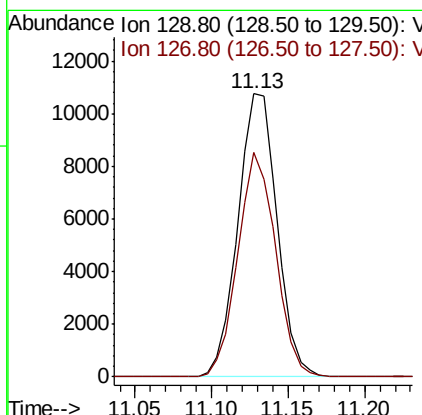
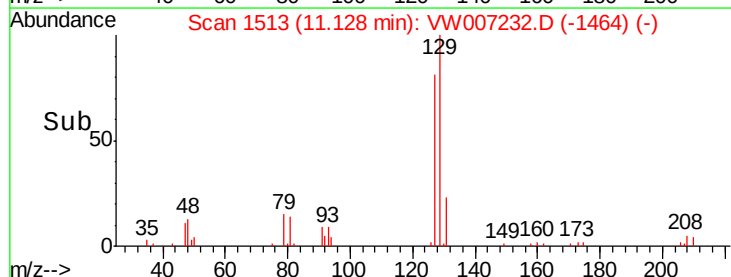
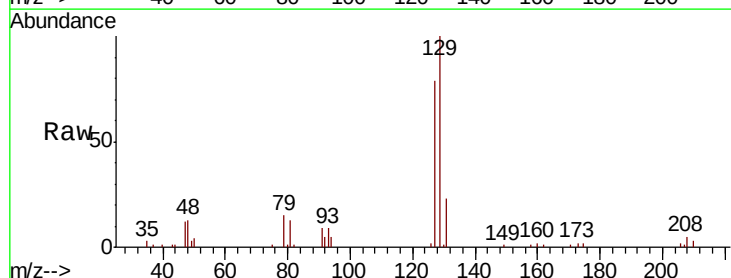
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

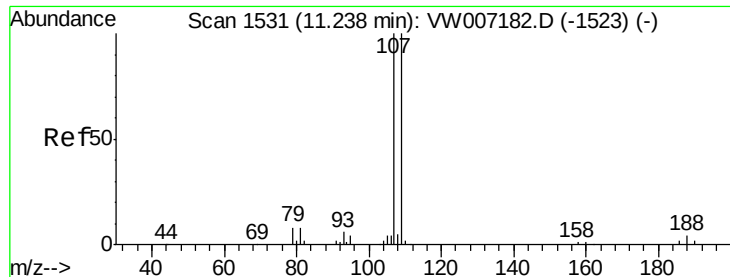
Tot Ion: 43 Resp: 40334
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.4



#60
Dibromochloromethane
Concen: 21.817 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion:129 Resp: 19128
Ion Ratio Lower Upper
129 100
127 76.5 39.8 119.4

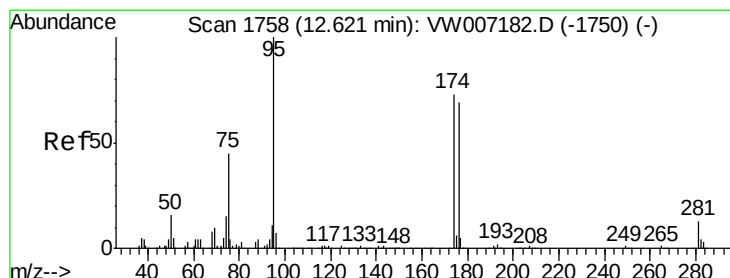
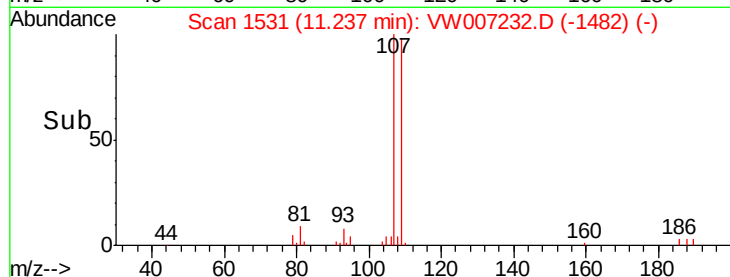
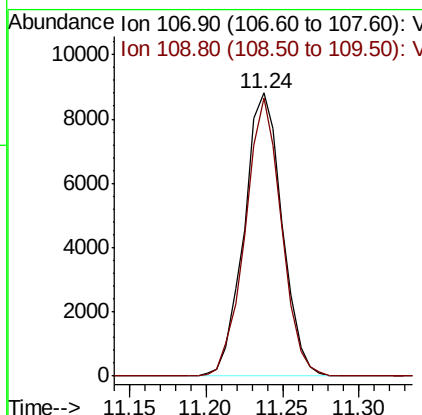
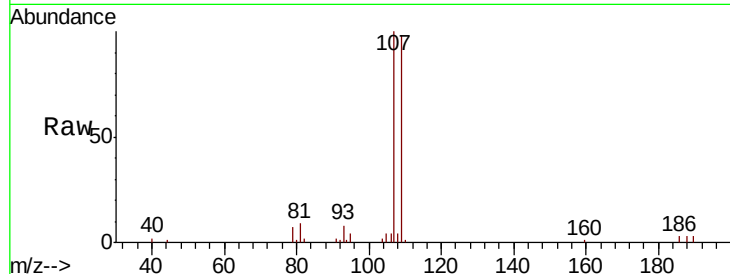




#61
 1,2-Dibromoethane
 Concen: 22.217 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

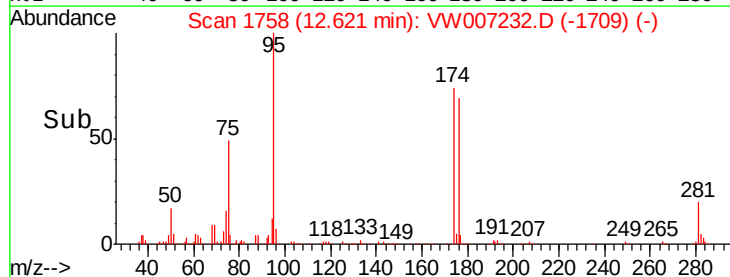
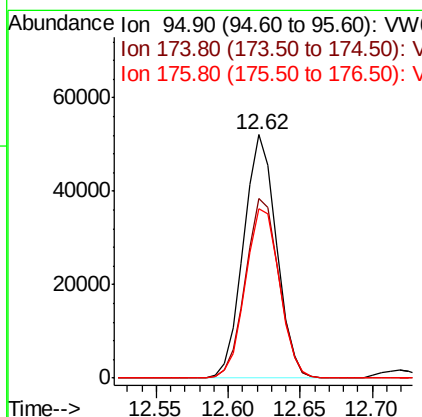
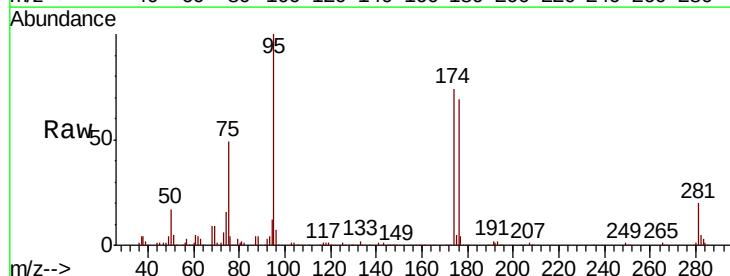
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

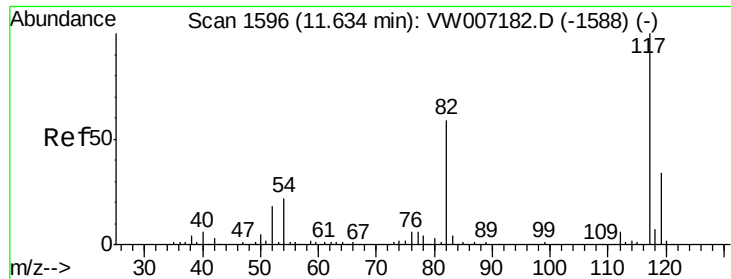
Tot Ion: 107 Resp: 15201
 Ion Ratio Lower Upper
 107 100
 109 94.0 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 55.746 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 95 Resp: 82495
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 148.0
 176 71.9 0.0 139.4

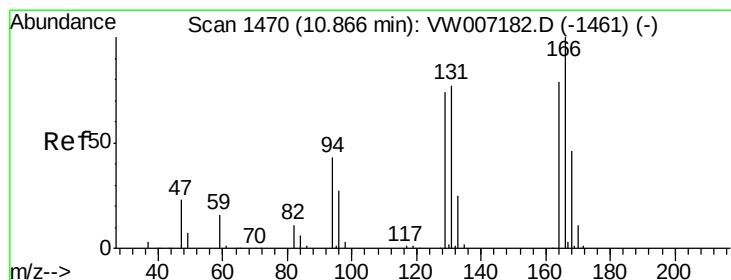
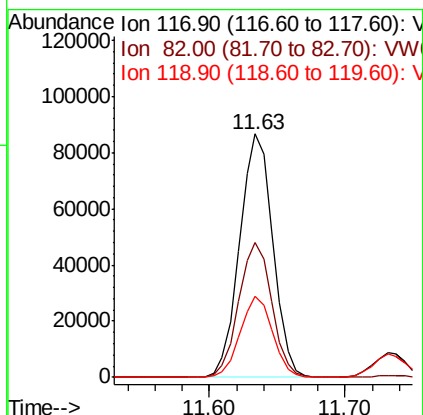
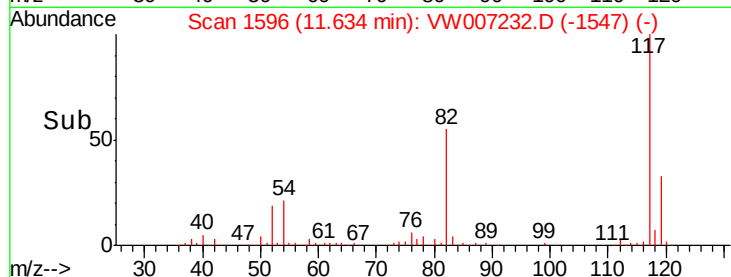
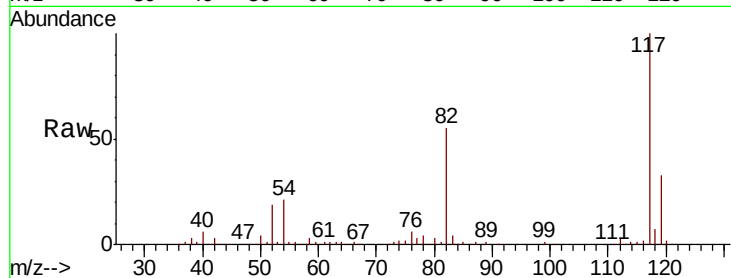




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

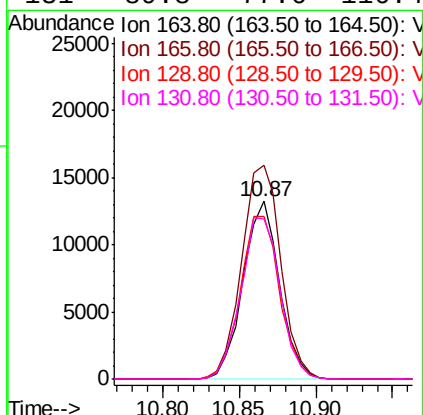
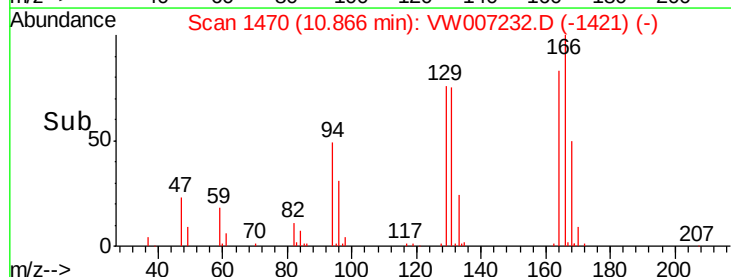
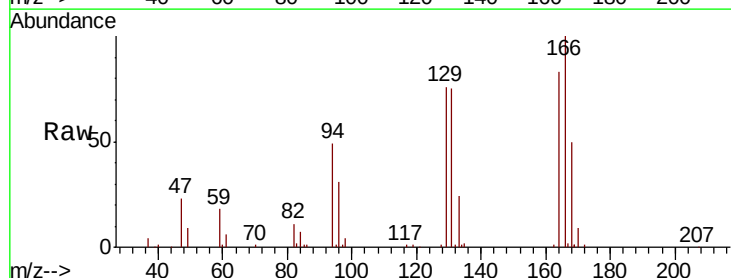
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

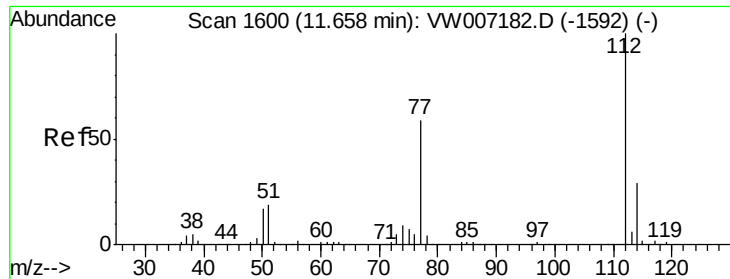
Tot Ion:117 Resp: 147769
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 33.3 26.8 40.2



#64
Tetrachloroethene
Concen: 20.277 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion:164 Resp: 21891
Ion Ratio Lower Upper
164 100
166 120.1 101.0 151.4
129 91.7 74.6 111.8
131 89.8 77.6 116.4

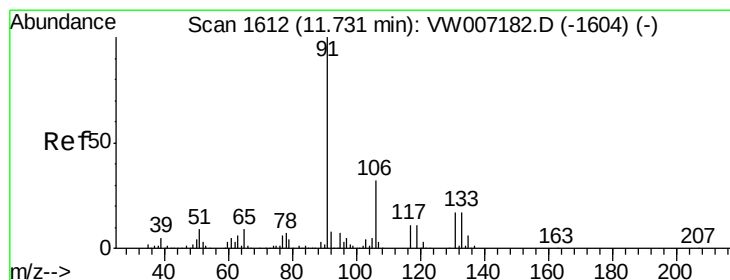
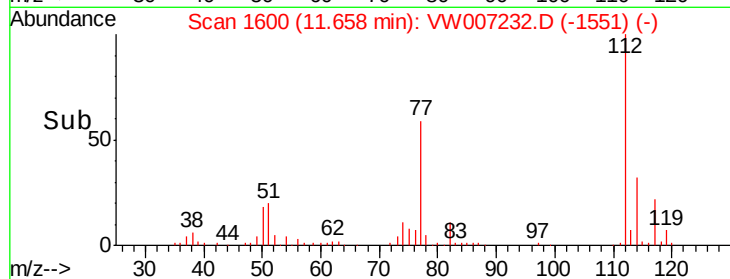
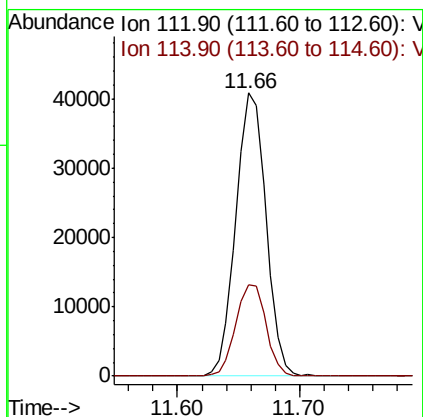
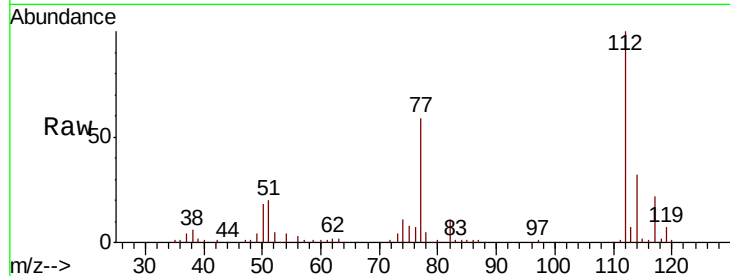




#65
Chlorobenzene
Concen: 21.157 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

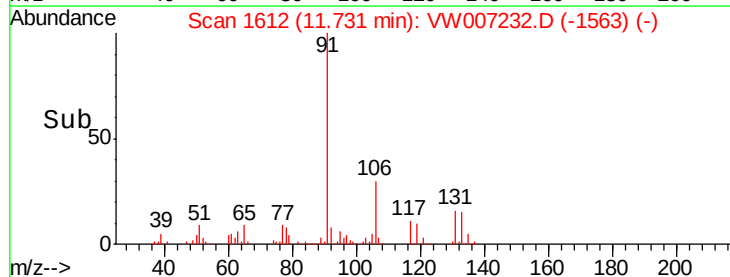
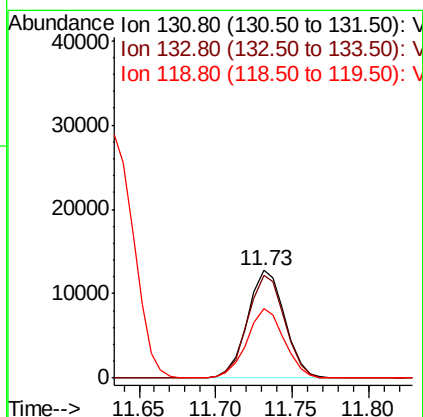
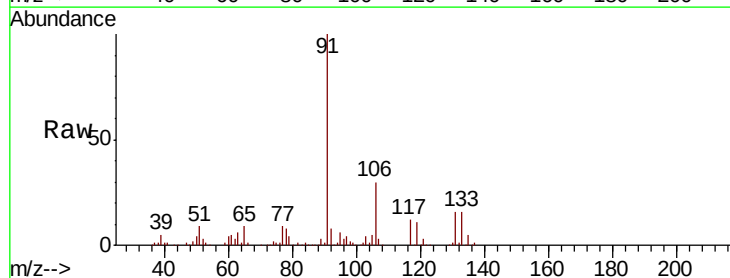
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

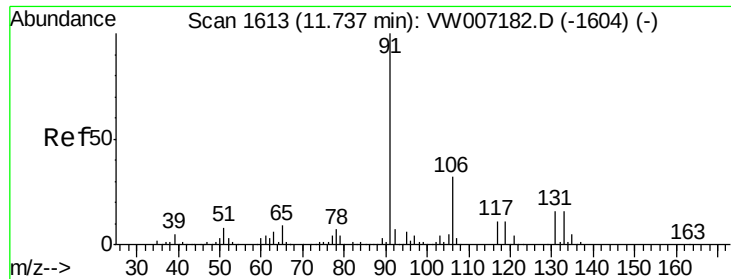
Tot Ion:112 Resp: 69823
Ion Ratio Lower Upper
112 100
114 32.2 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.323 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion:131 Resp: 21733
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 64.6 32.8 98.4

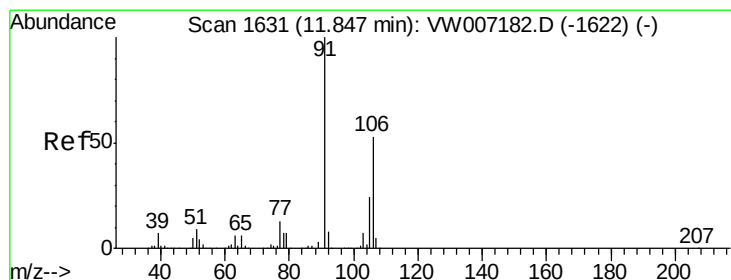
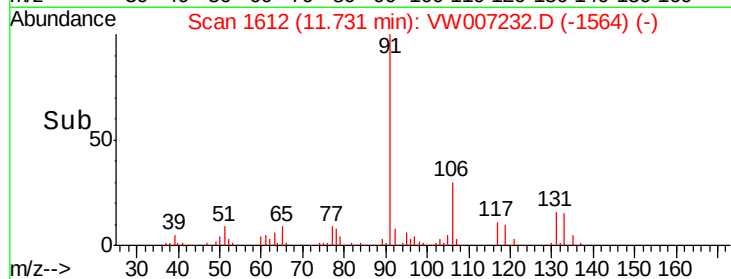
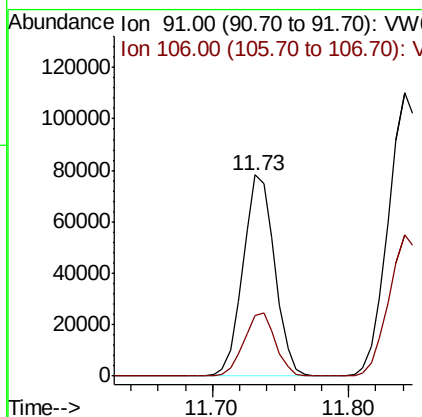
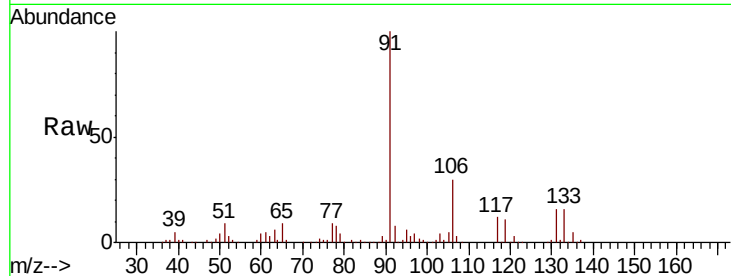




#67
Ethyl Benzene
Concen: 21.226 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

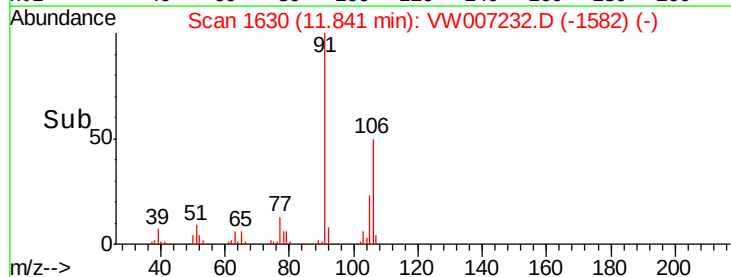
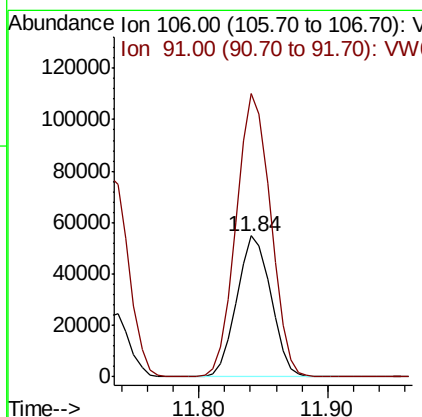
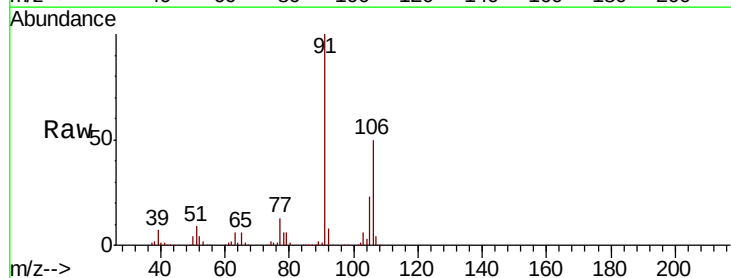
Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

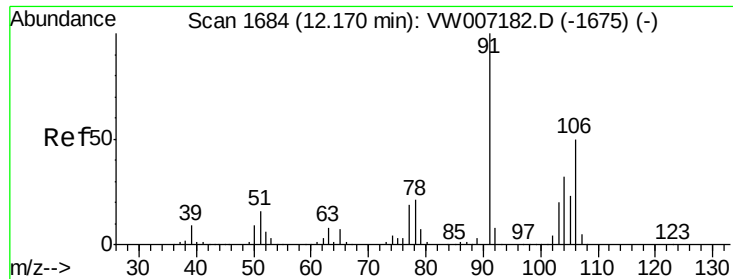
Tot Ion: 91 Resp: 127675
Ion Ratio Lower Upper
91 100
106 30.4 26.0 39.0



#68
m/p-Xylenes
Concen: 42.865 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion: 106 Resp: 101148
Ion Ratio Lower Upper
106 100
91 202.1 160.2 240.4

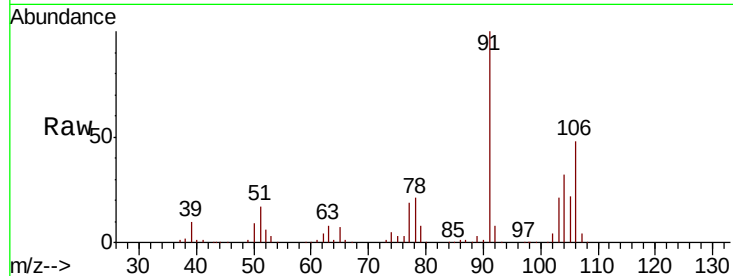




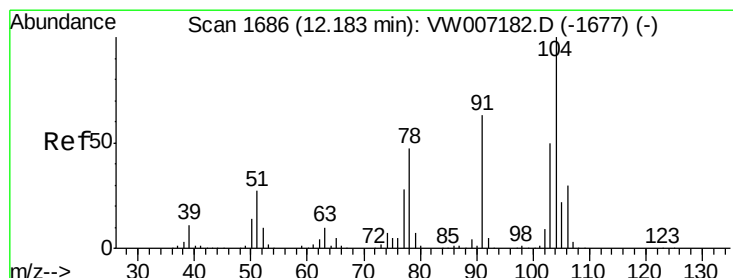
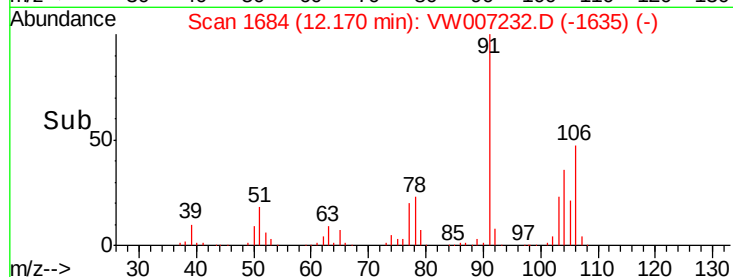
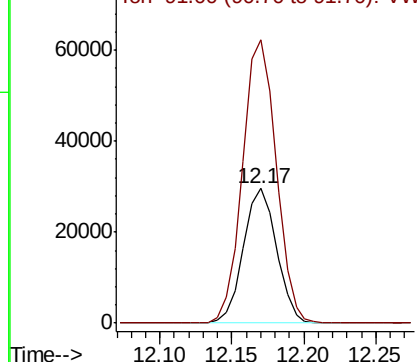
#69
o-Xylene
Concen: 21.444 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Tot Ion:106 Resp: 47276
Ion Ratio Lower Upper
106 100
91 213.6 104.9 314.7

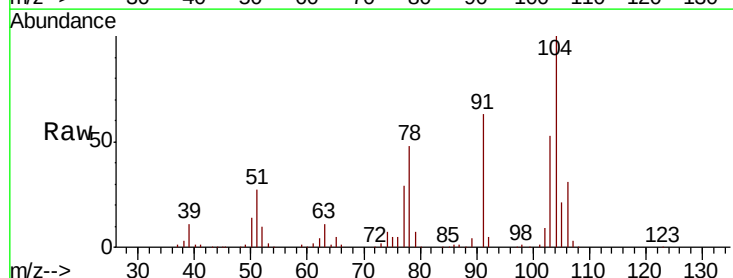


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

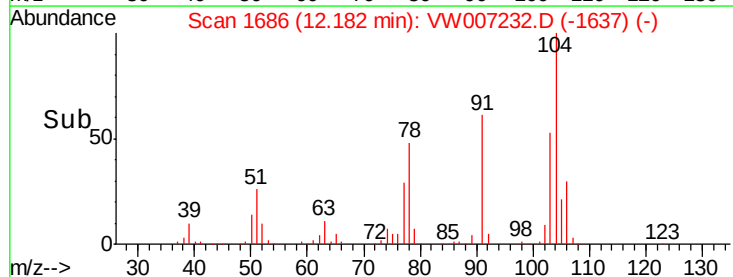
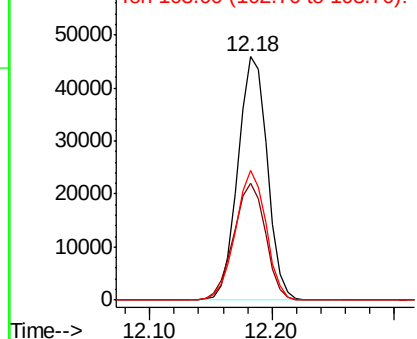


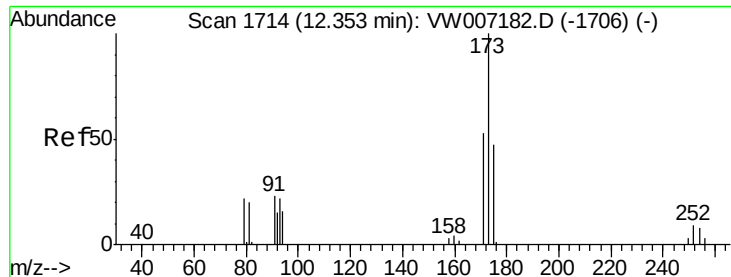
#70
Styrene
Concen: 21.167 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion:104 Resp: 76389
Ion Ratio Lower Upper
104 100
78 51.8 40.6 60.8
103 55.3 43.0 64.4



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





#71

Bromoform

Concen: 21.209 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

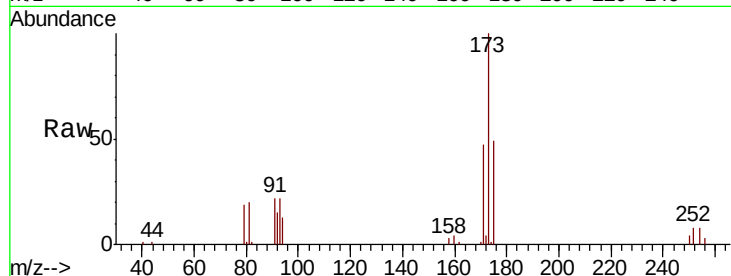
Tot Ion:173 Resp: 10821

Ion Ratio Lower Upper

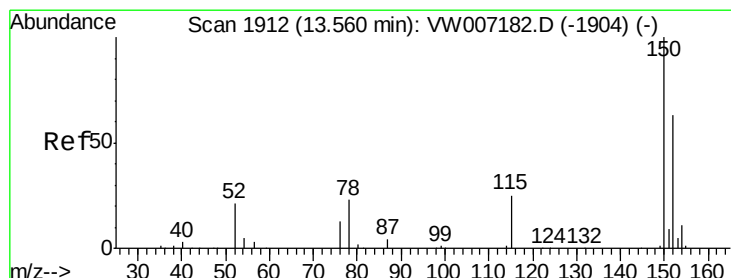
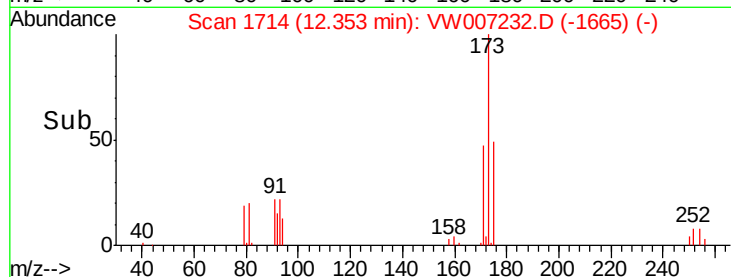
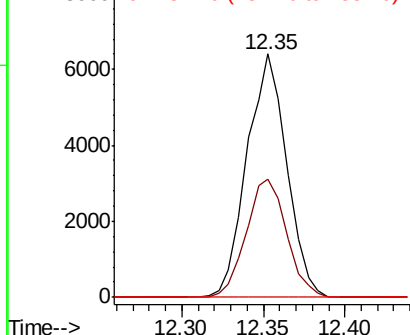
173 100

175 49.4 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: VW007232.D

Acq: 05 Dec 2018 15:47

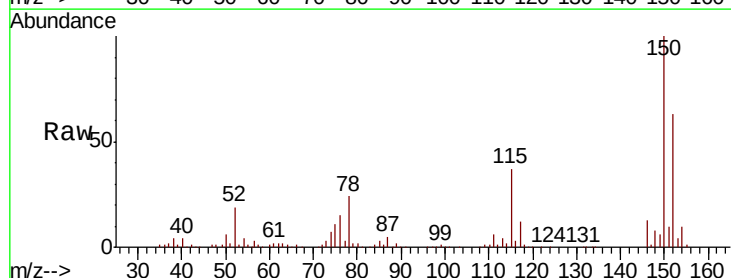
Tgt Ion:152 Resp: 75160

Ion Ratio Lower Upper

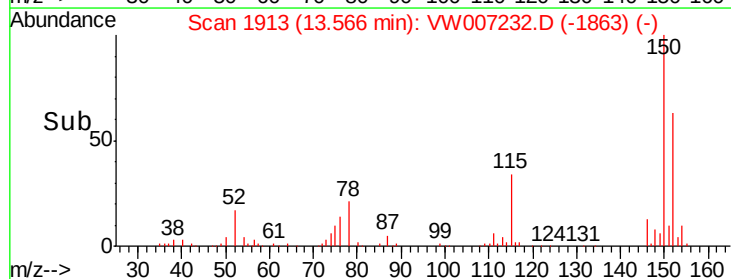
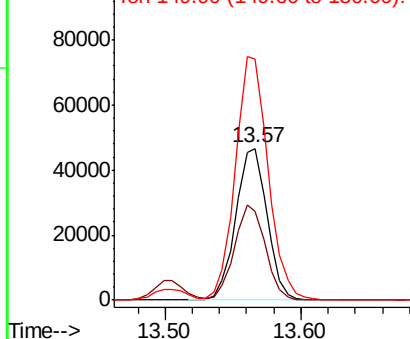
152 100

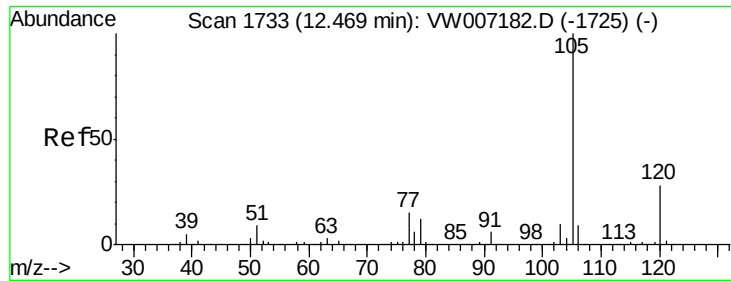
115 61.6 31.3 93.8

150 167.2 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: 21.436 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

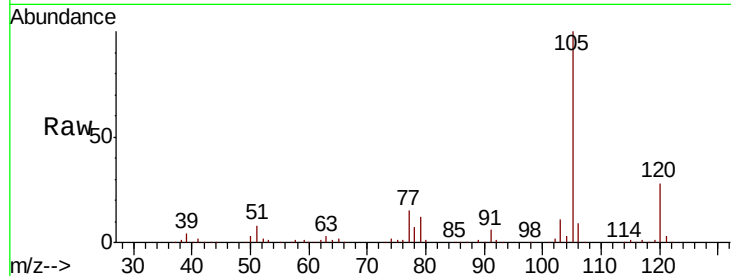
VW1205SBSD01

Tot Ion:105 Resp: 131038

Ion Ratio Lower Upper

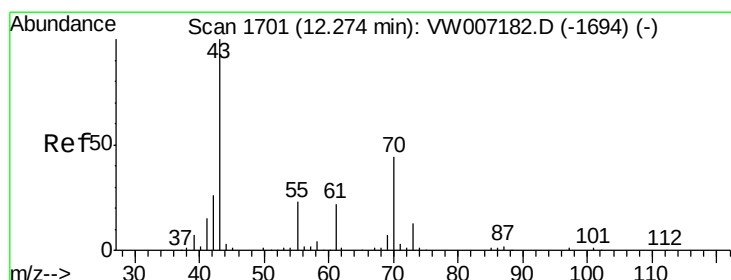
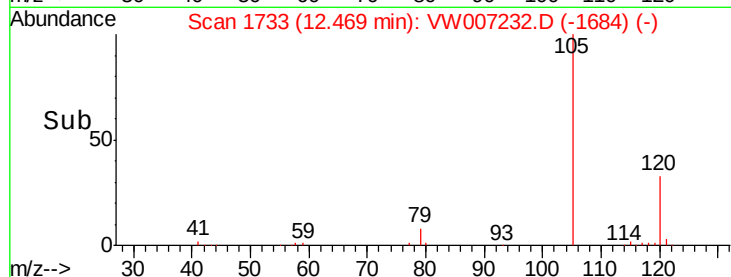
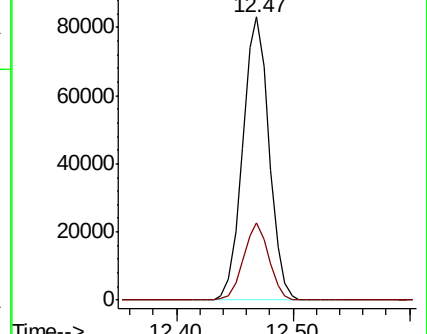
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.299 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Tgt Ion: 43 Resp: 23084

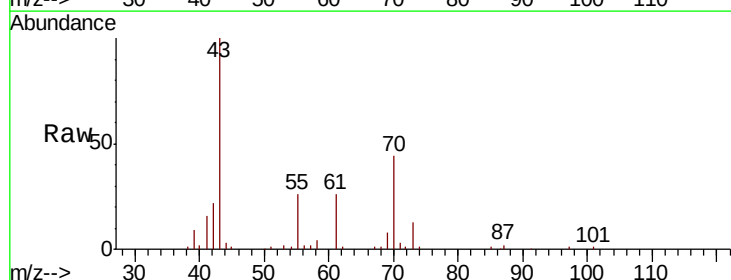
Ion Ratio Lower Upper

43 100

70 43.4 34.0 51.0

55 25.3 19.0 28.6

61 25.2 19.7 29.5

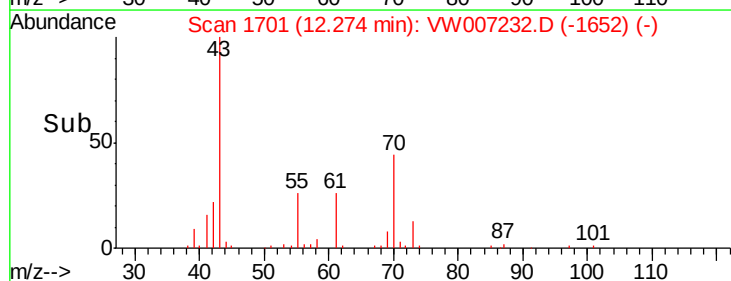
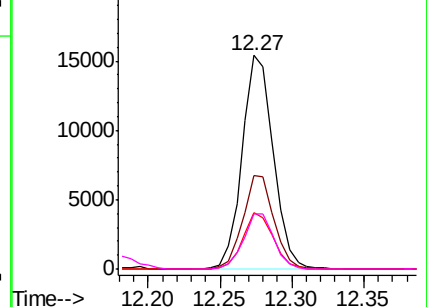


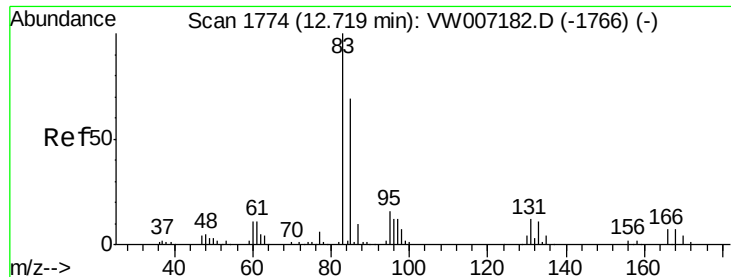
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.698 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

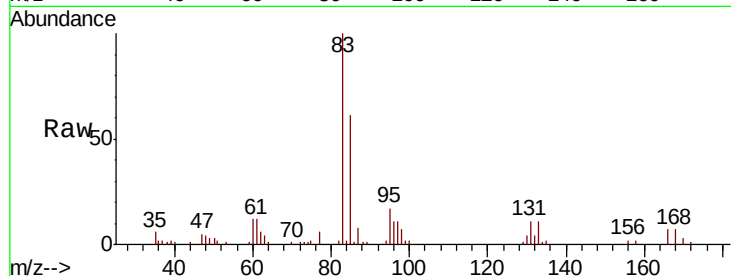
Tot Ion: 83 Resp: 17226

Ion Ratio Lower Upper

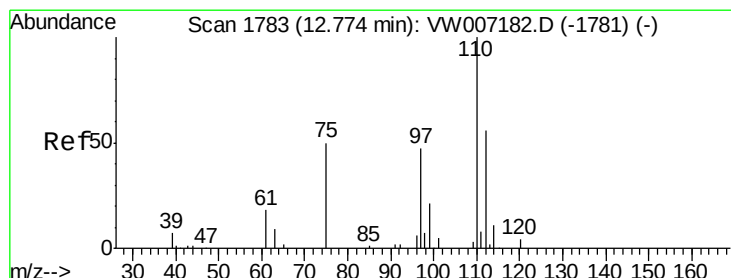
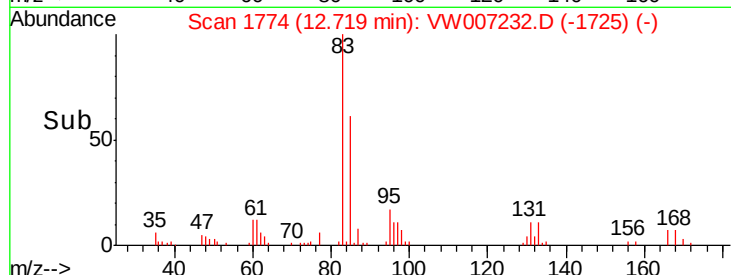
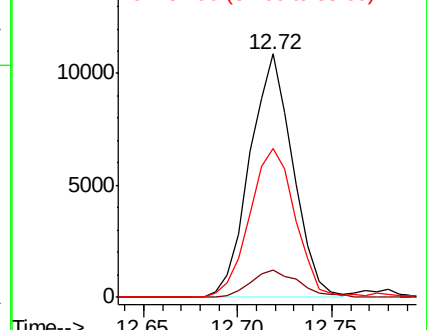
83 100

131 12.6 6.0 18.1

85 64.4 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.545 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007232.D

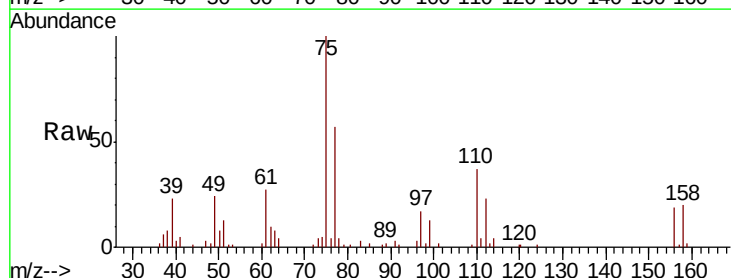
Acq: 05 Dec 2018 15:47

Tgt Ion: 75 Resp: 24760

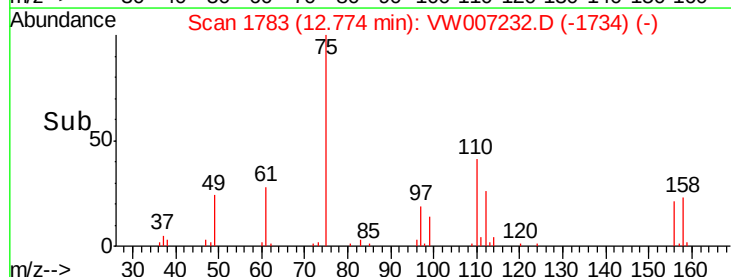
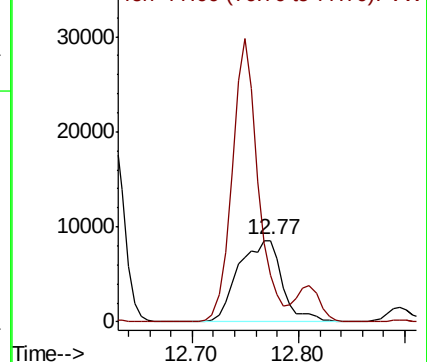
Ion Ratio Lower Upper

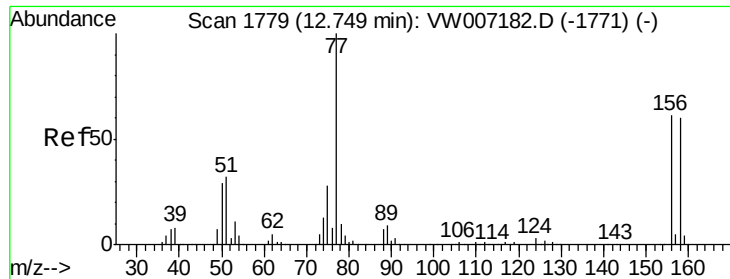
75 100

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: 21.016 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

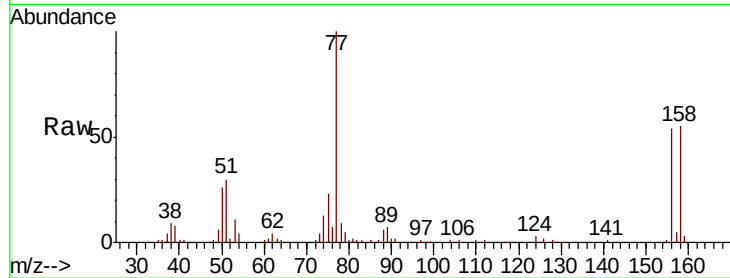
Tot Ion:156 Resp: 27731

Ion Ratio Lower Upper

156 100

77 183.1 92.0 276.1

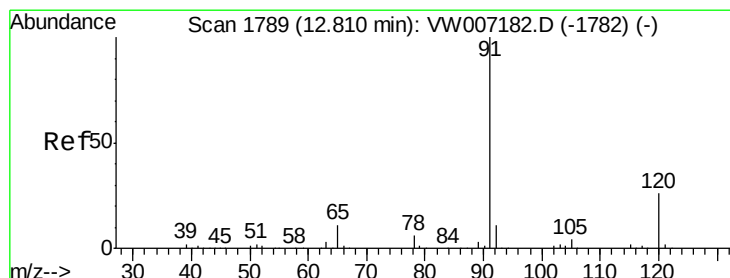
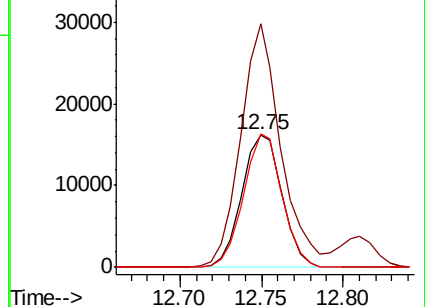
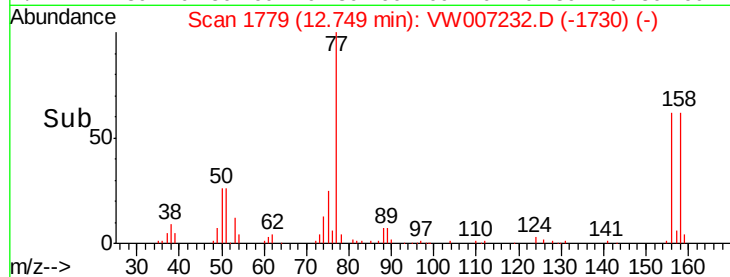
158 95.9 49.0 147.0



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: 21.404 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007232.D

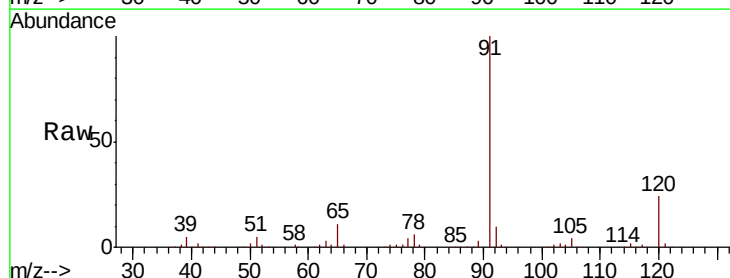
Acq: 05 Dec 2018 15:47

Tgt Ion: 91 Resp: 155882

Ion Ratio Lower Upper

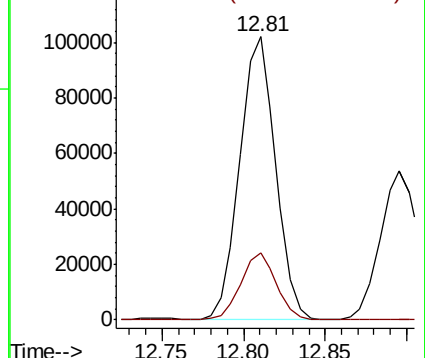
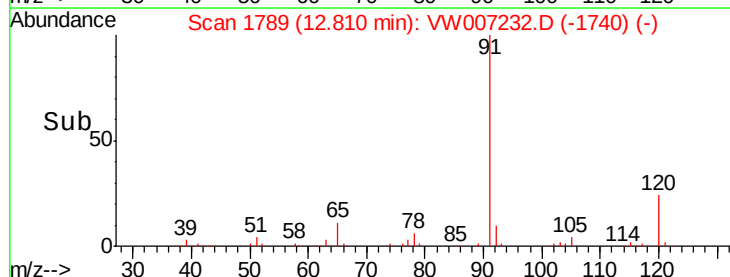
91 100

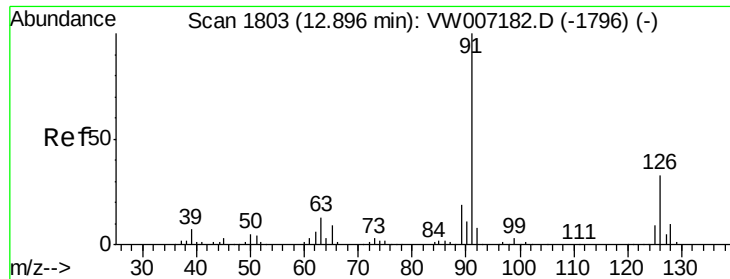
120 23.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

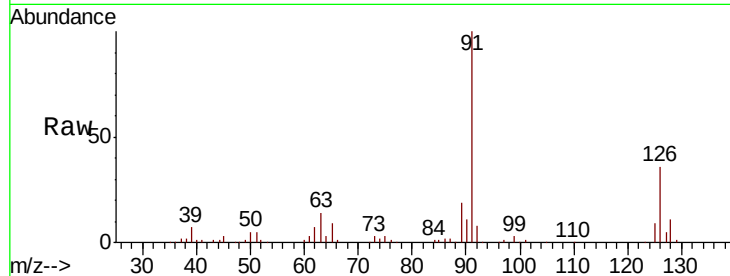




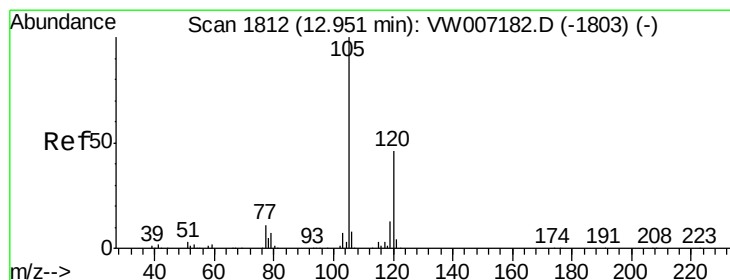
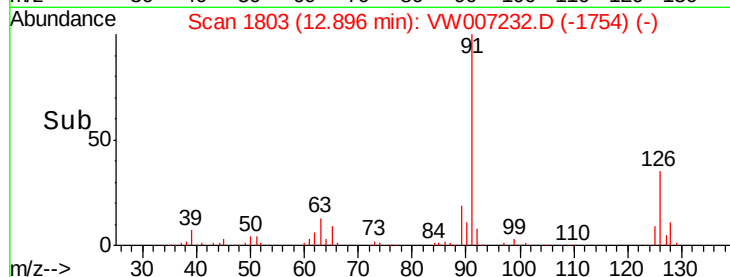
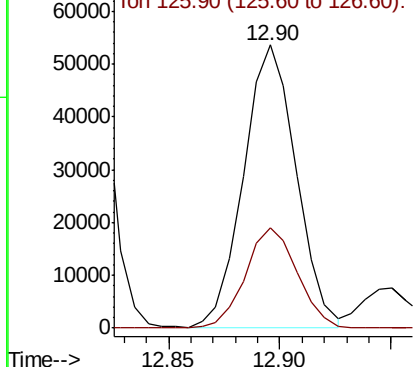
#79
 2-Chlorotoluene
 Concen: 21.348 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

Tot Ion: 91 Resp: 87799
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.7 50.1

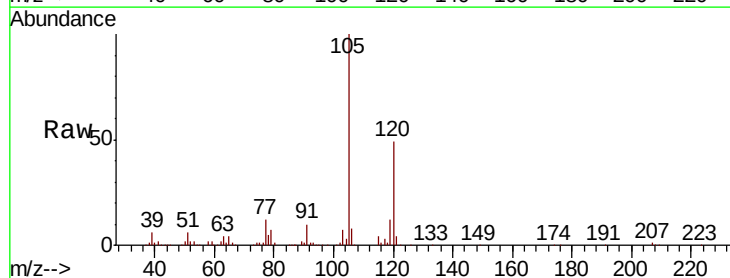


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

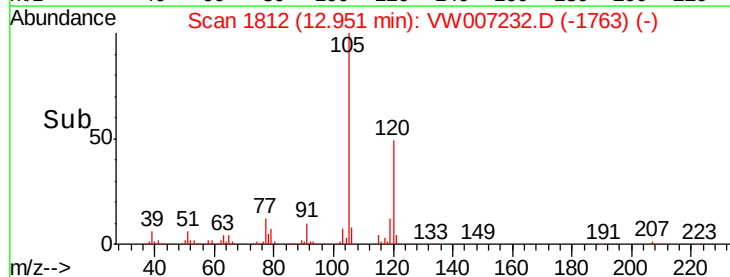
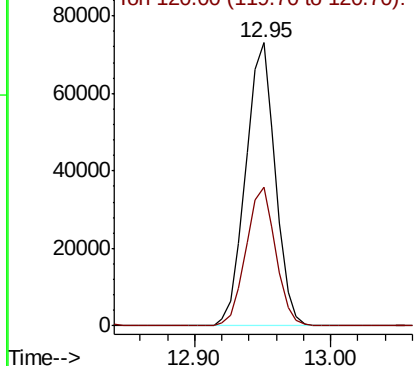


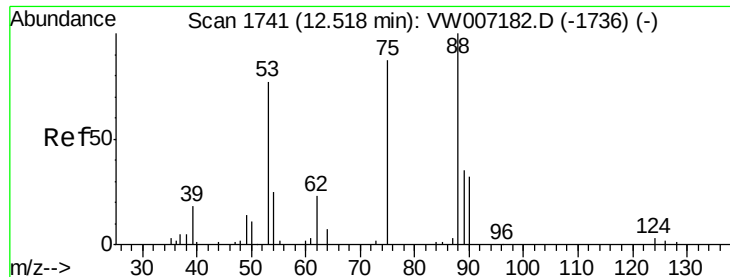
#80
 1,3,5-Trimethylbenzene
 Concen: 21.183 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion:105 Resp: 110778
 Ion Ratio Lower Upper
 105 100
 120 49.2 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: 20.799 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

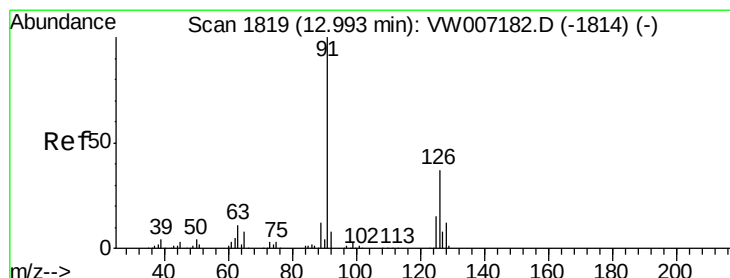
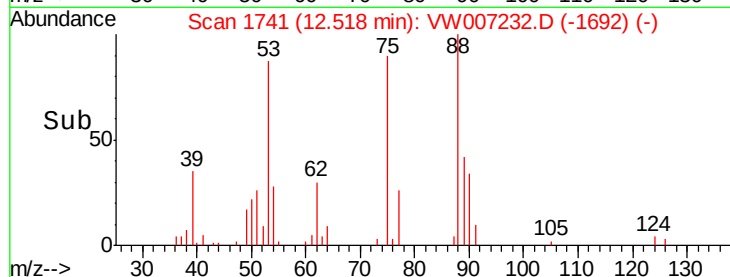
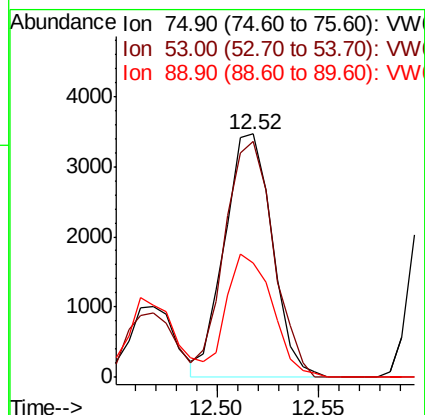
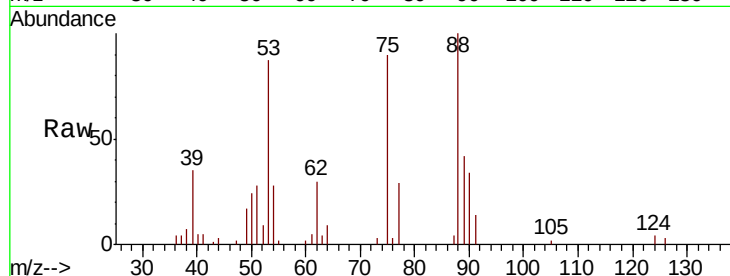
Tot Ion: 75 Resp: 5616

Ion Ratio Lower Upper

75 100

53 99.6 72.8 109.2

89 48.8 36.4 54.6



#82

4-Chlorotoluene

Concen: 21.286 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007232.D

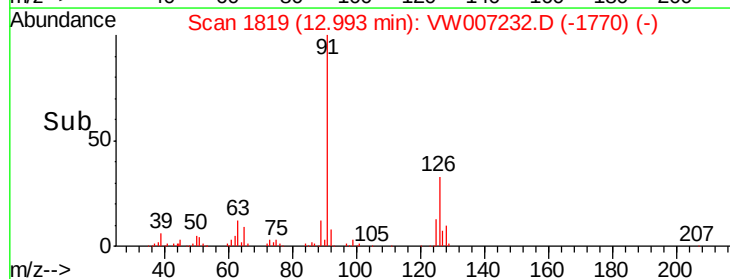
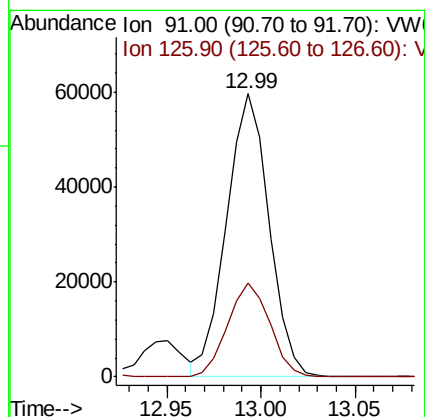
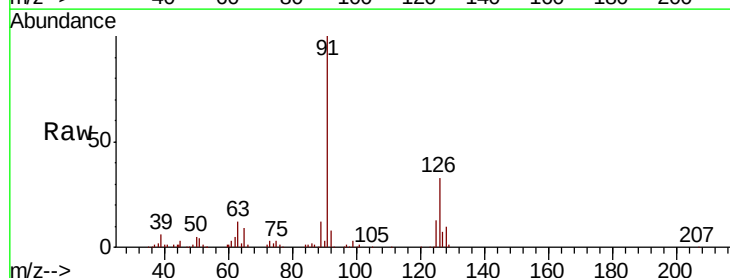
Acq: 05 Dec 2018 15:47

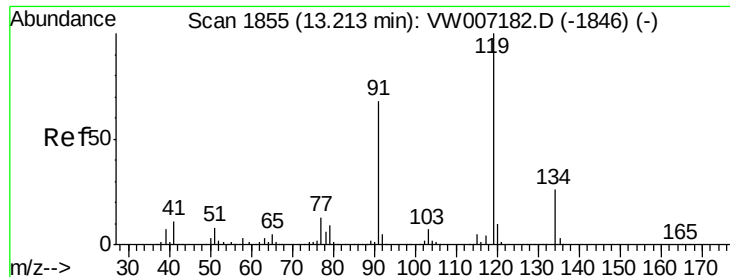
Tgt Ion: 91 Resp: 93130

Ion Ratio Lower Upper

91 100

126 33.2 17.4 52.3





#83

tert-Butylbenzene

Concen: 21.335 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS01

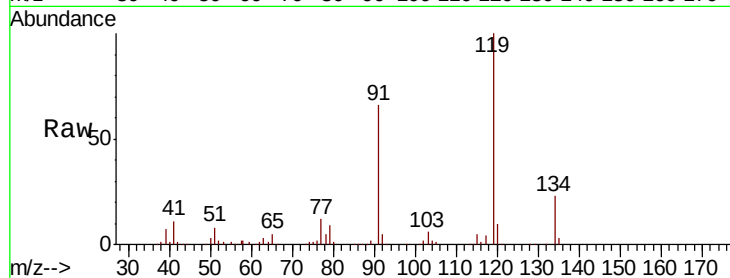
Tot Ion:119 Resp: 97503

Ion Ratio Lower Upper

119 100

91 65.6 34.0 101.8

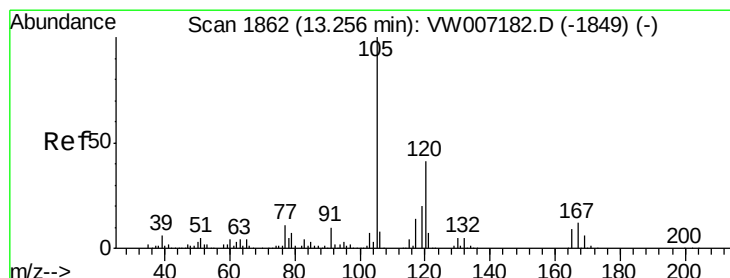
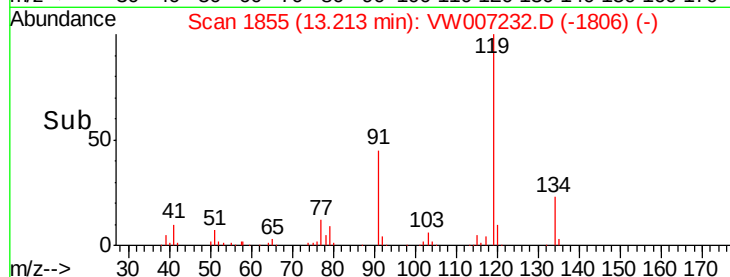
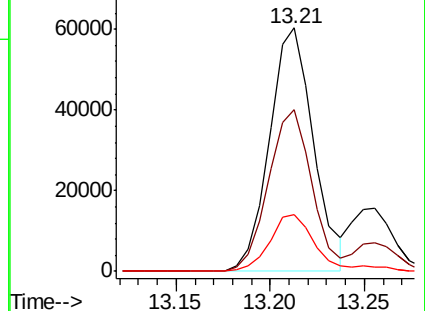
134 23.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.021 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007232.D

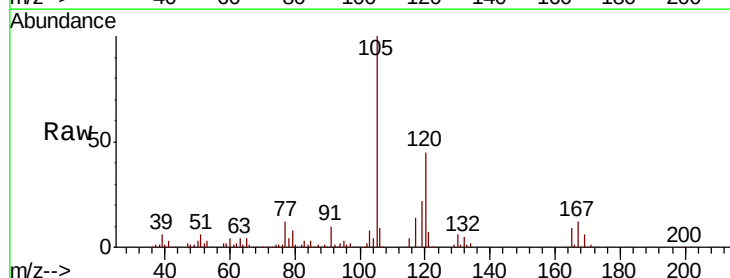
Acq: 05 Dec 2018 15:47

Tgt Ion:105 Resp: 112213

Ion Ratio Lower Upper

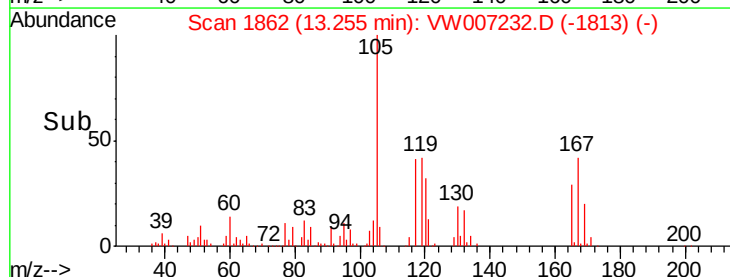
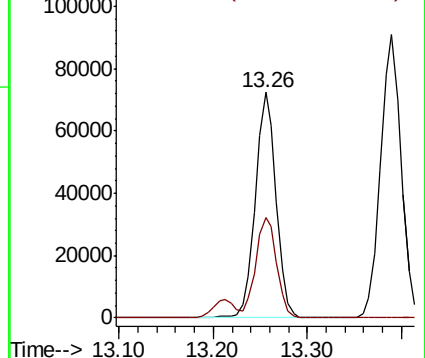
105 100

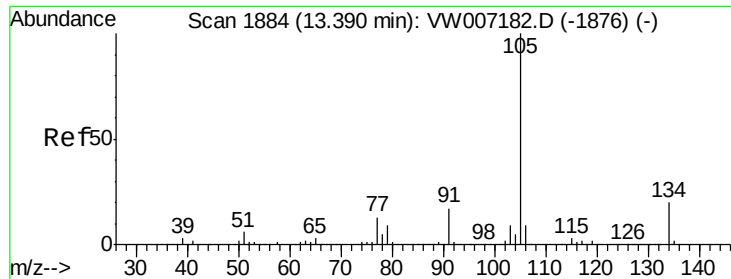
120 44.7 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

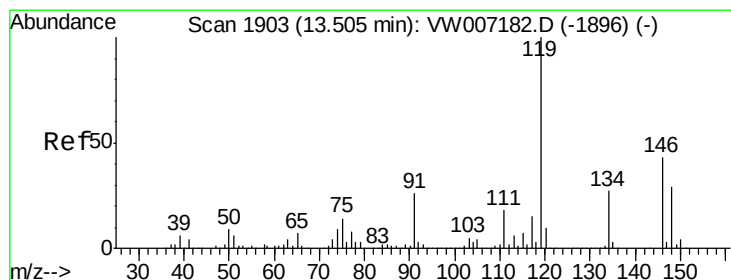
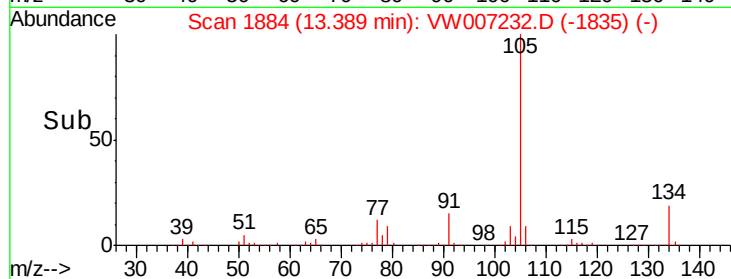
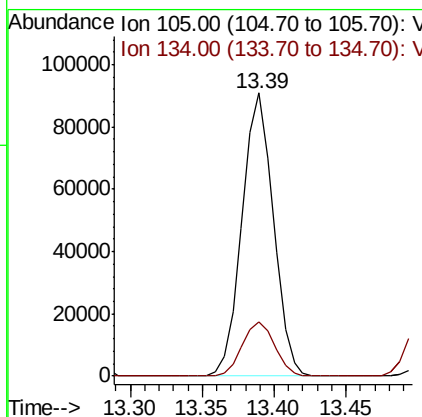
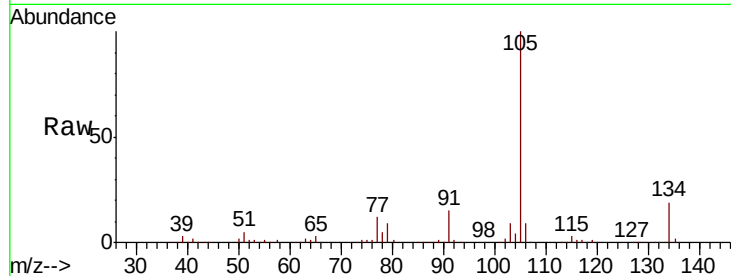




#85
 sec-Butylbenzene
 Concen: 21.076 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

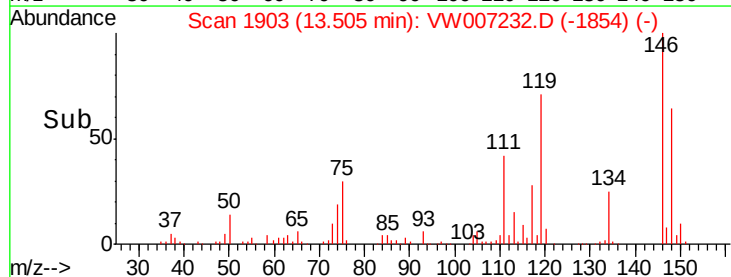
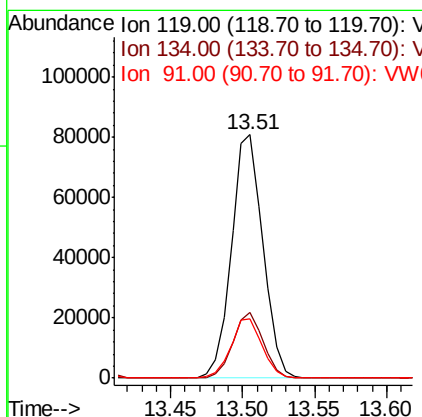
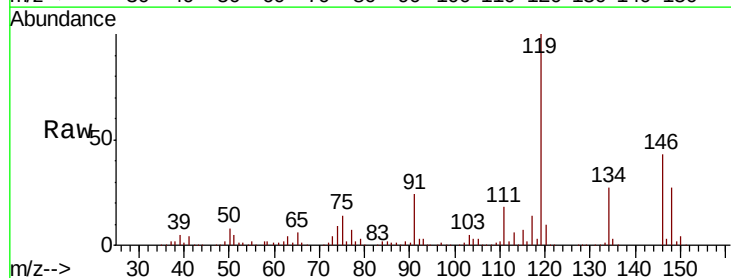
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

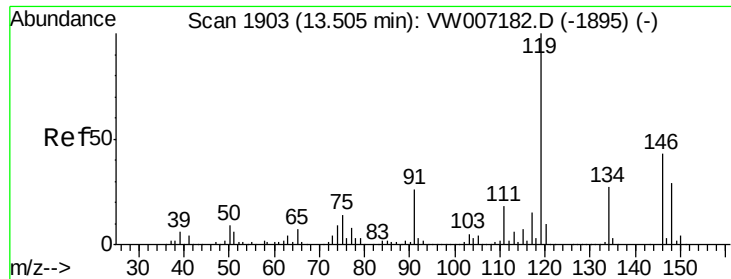
Tot Ion:105 Resp: 137508
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.147 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion:119 Resp: 122822
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.202 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

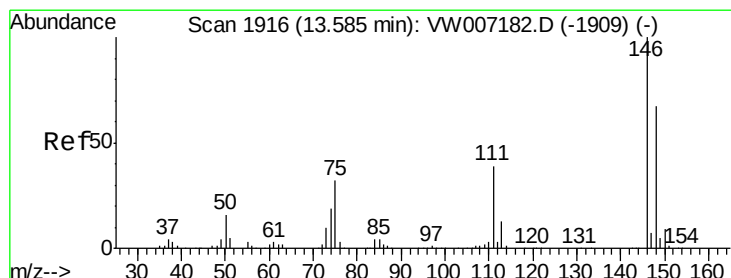
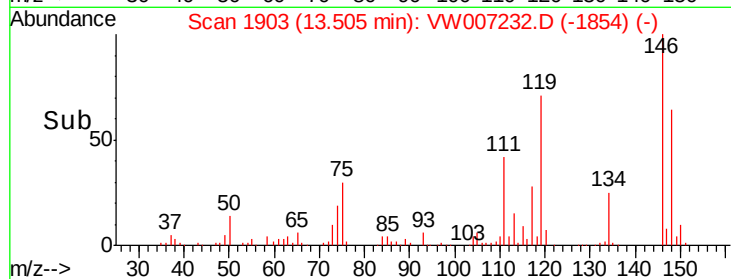
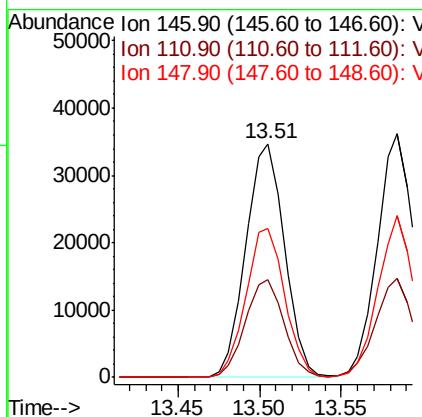
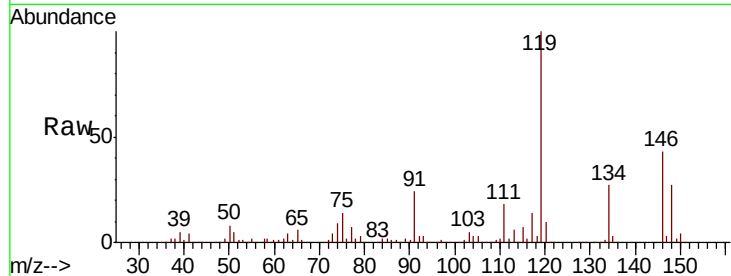
Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Tot Ion:146 Resp: 57432

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.4
148	63.8	32.8	98.4



#88

1,4-Dichlorobenzene

Concen: 20.884 ug/l

RT: 13.58 min Scan# 1916

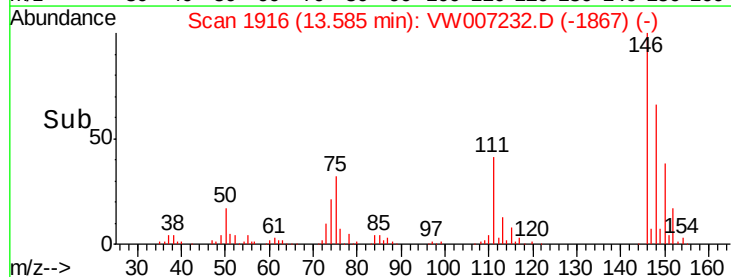
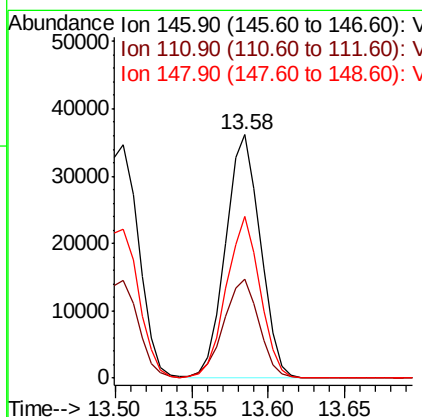
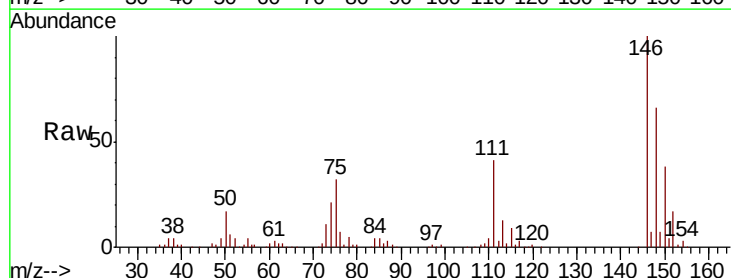
Delta R.T. -0.00 min

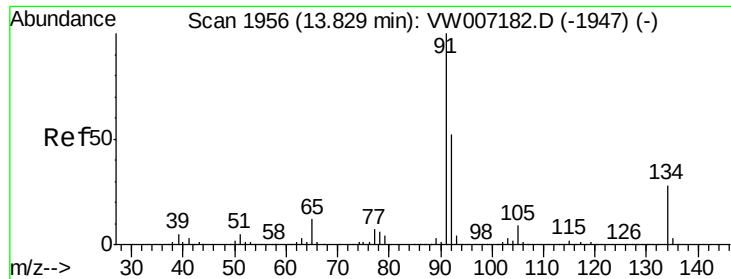
Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Tgt Ion:146 Resp: 57142

Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.6	58.8
148	64.4	32.6	98.0





#89

n-Butylbenzene

Concen: 21.150 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007232.D

Acq: 05 Dec 2018 15:47

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD01

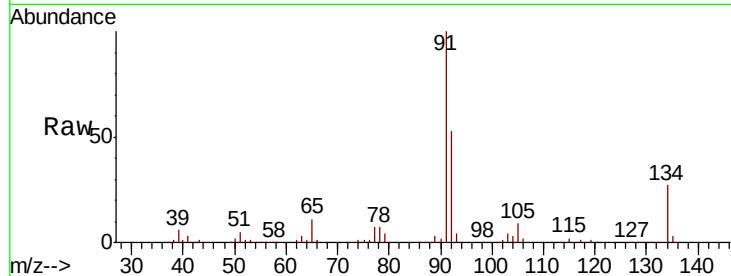
Tot Ion: 91 Resp: 114789

Ion Ratio Lower Upper

91 100

92 53.5 26.5 79.5

134 26.7 14.1 42.2

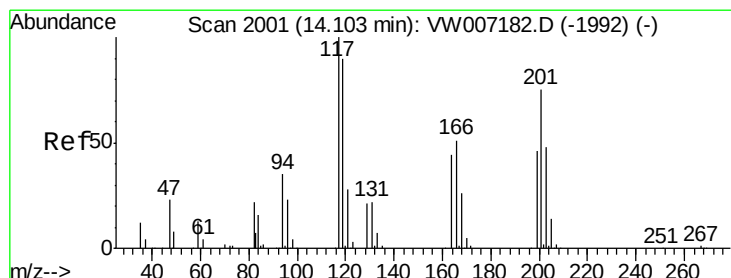
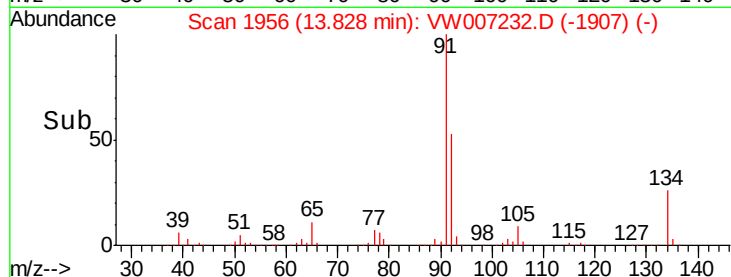
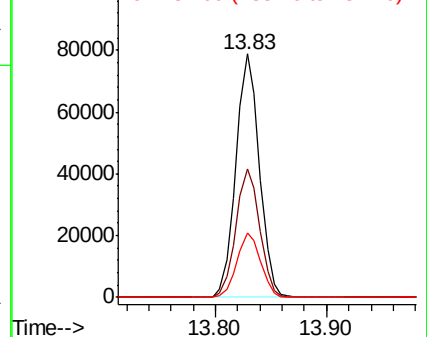


Abundance

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): V



#90

Hexachloroethane

Concen: 20.265 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007232.D

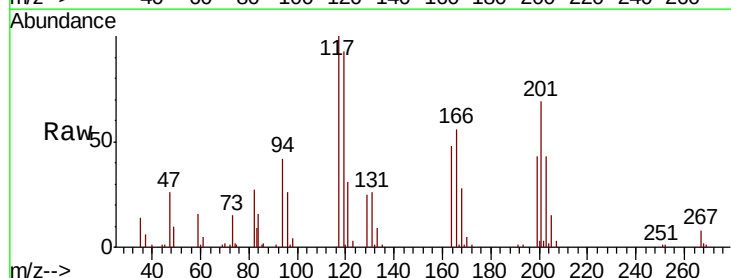
Acq: 05 Dec 2018 15:47

Tgt Ion: 117 Resp: 17936

Ion Ratio Lower Upper

117 100

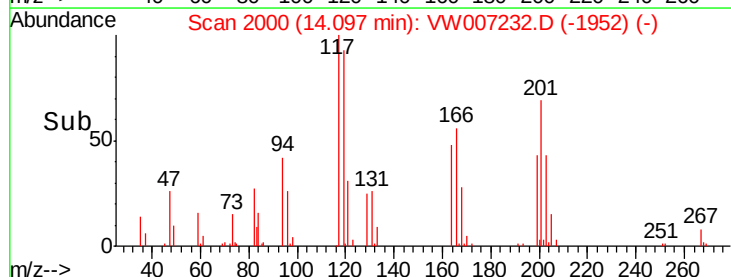
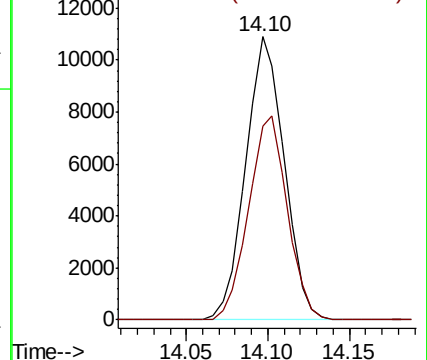
201 72.4 36.0 108.1

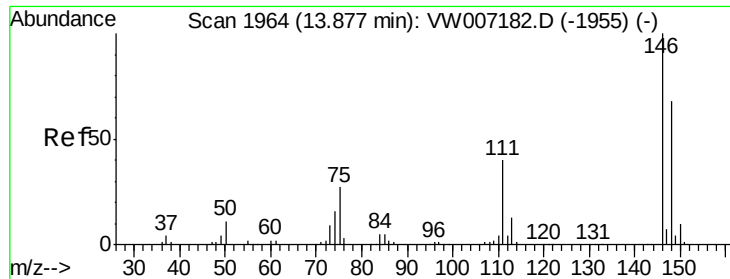


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

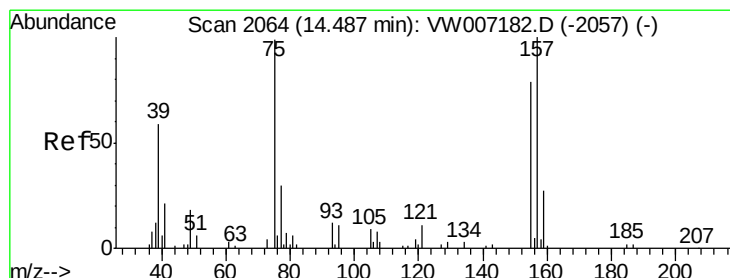
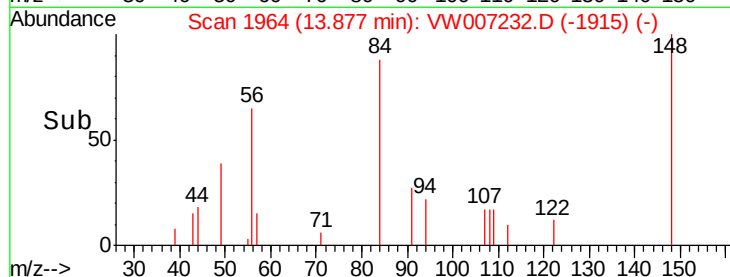
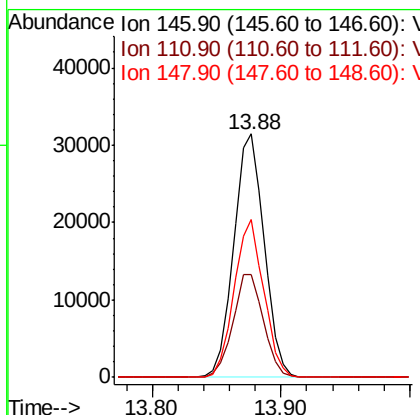
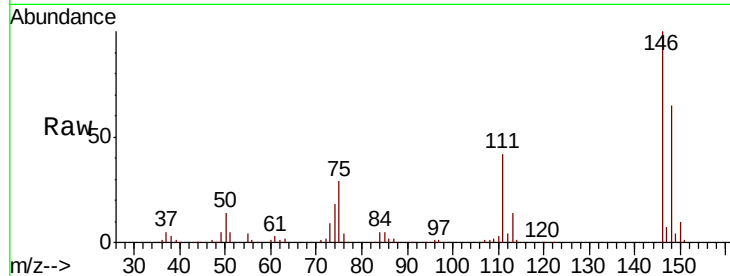




#91
 1,2-Dichlorobenzene
 Concen: 21.942 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

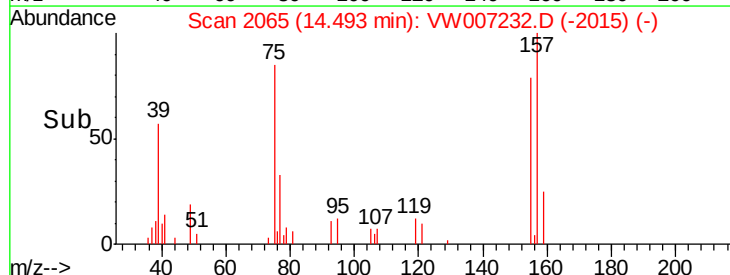
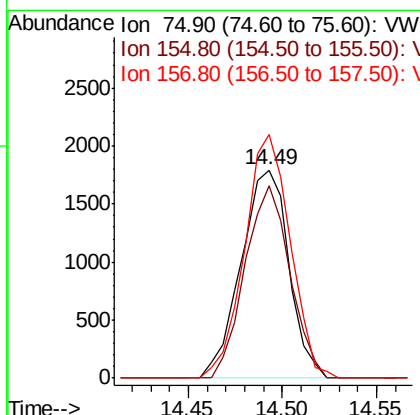
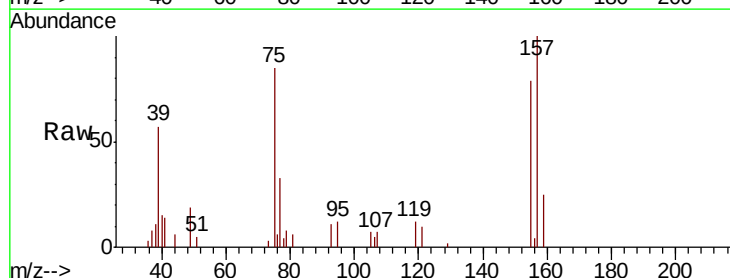
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD01

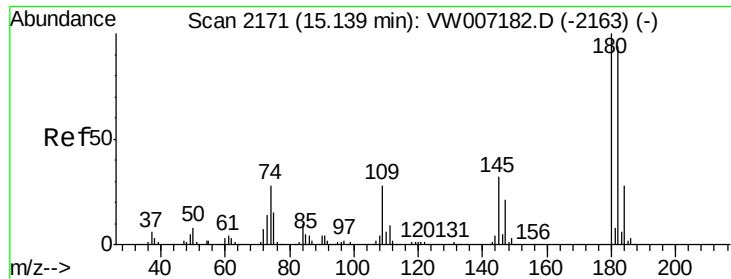
Tot Ion:146 Resp: 51453
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 65.0
 148 63.3 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.462 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007232.D
 Acq: 05 Dec 2018 15:47

Tgt Ion: 75 Resp: 3147
 Ion Ratio Lower Upper
 75 100
 155 86.7 42.4 127.2
 157 111.7 55.3 165.9

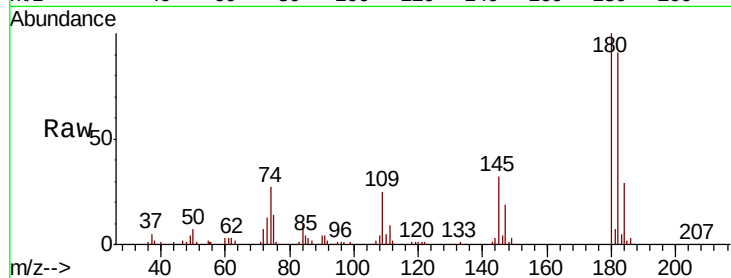




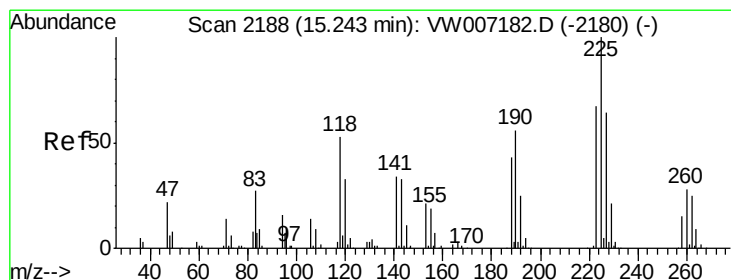
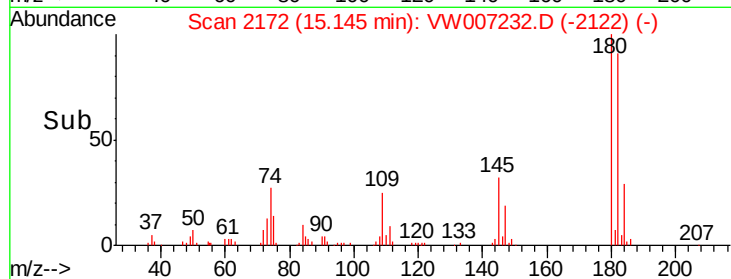
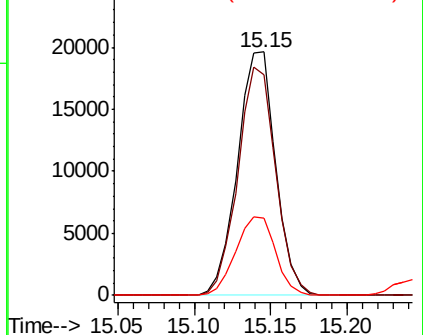
#93
1,2,4-Trichlorobenzene
Concen: 20.845 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Tot Ion:180 Resp: 33876
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.8
145 33.4 16.6 49.7

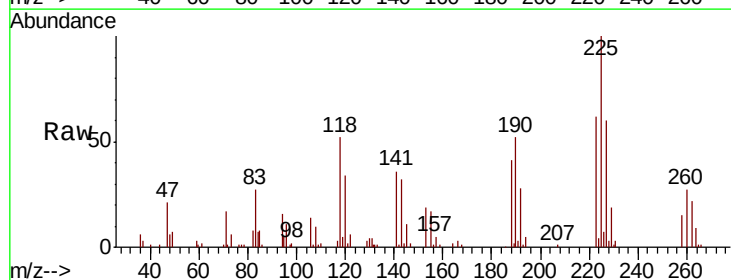


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

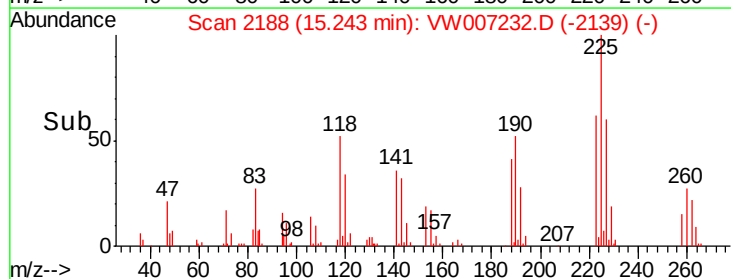
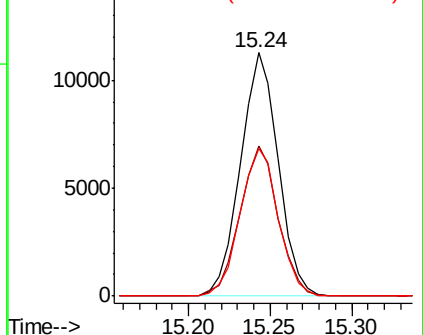


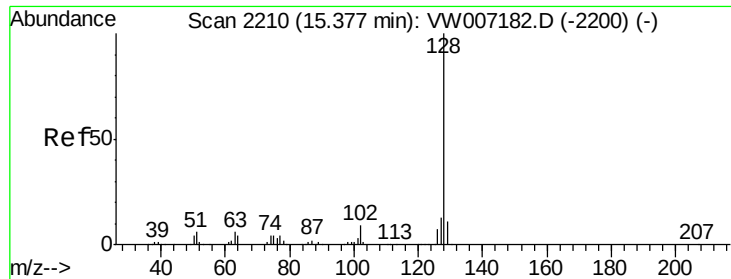
#94
Hexachlorobutadiene
Concen: 20.712 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion:225 Resp: 18151
Ion Ratio Lower Upper
225 100
223 62.5 32.3 96.8
227 61.1 32.1 96.3



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

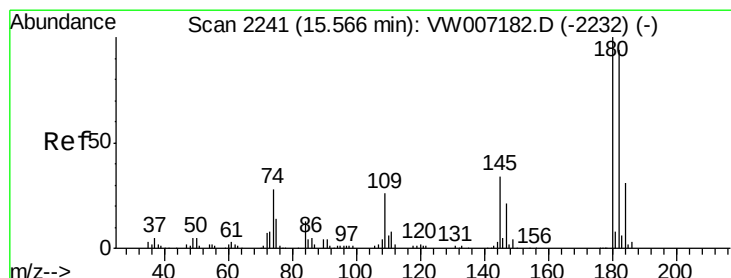
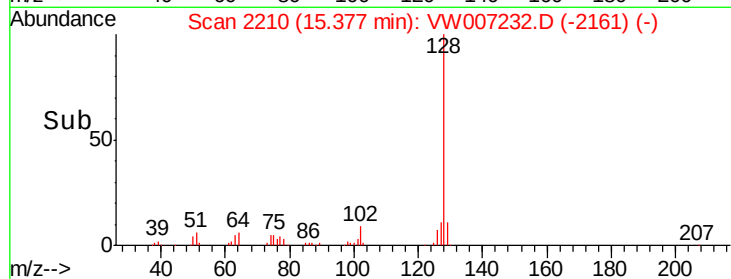
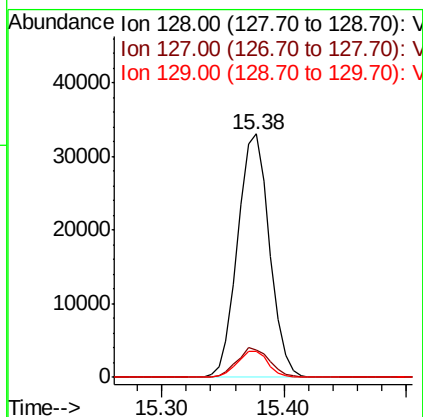
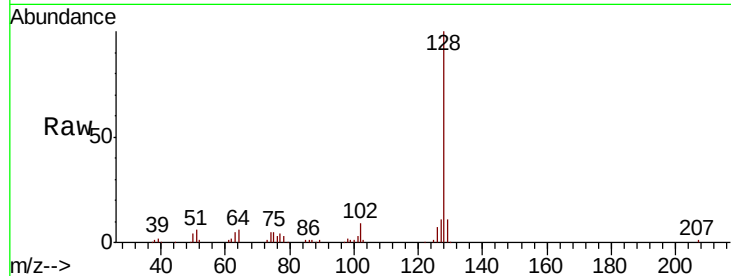




#95
Naphthalene
Concen: 20.517 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD01

Tot Ion:128 Resp: 59755
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.035 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007232.D
Acq: 05 Dec 2018 15:47

Tgt Ion:180 Resp: 27454
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 37.3 17.6 52.8

