

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005951.D
 Acq On : 09 Oct 2018 21:30
 Operator : SY/AP
 Sample : VW1010SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Manual Integrations
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 10/10/2018 11:34:48 AM

Quant Time: Oct 10 01:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	334393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108753	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.88	113	108860	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.32	98	416773	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.62	95	154320	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21856	20.000	ug/l	93
3) Chloromethane	2.21	50	26904	20.930	ug/l	95
4) Vinyl Chloride	2.37	62	44202	21.660	ug/l	97
5) Bromomethane	2.78	94	38527	23.921	ug/l	97
6) Chloroethane	2.93	64	30381	23.367	ug/l	98
7) Trichlorofluoromethane	3.25	101	32635	20.146	ug/l	99
8) Diethyl Ether	3.68	74	25559	25.637	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41811	20.452	ug/l	97
10) Methyl Iodide	4.27	142	68054	20.355	ug/l	100
11) Tert butyl alcohol	5.18	59	19381	122.155	ug/l	98
12) 1,1-Dichloroethene	4.03	96	39041	19.887	ug/l	94
13) Acrolein	3.89	56	15199	107.499	ug/l	97
14) Allyl chloride	4.66	41	57131	17.066	ug/l	97
15) Acrylonitrile	5.37	53	45537	104.955	ug/l	100
16) Acetone	4.12	43	41238	95.366	ug/l	99
17) Carbon Disulfide	4.38	76	104412	17.593	ug/l	98
18) Methyl Acetate	4.67	43	21282	19.503	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65717	21.517	ug/l	95
20) Methylene Chloride	4.92	84	45675	21.083	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	43524	20.342	ug/l	96
22) Diisopropyl ether	6.31	45	120189	19.205	ug/l	97
23) Vinyl Acetate	6.26	43	371715	96.503	ug/l	98
24) 1,1-Dichloroethane	6.21	63	76210	19.899	ug/l	99
25) 2-Butanone	7.17	43	62209	101.147	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49717	18.446	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50165	20.732	ug/l	97
28) Bromochloromethane	7.51	49	28862	20.417	ug/l	93
29) Tetrahydrofuran	7.53	42	40168	103.315	ug/l	97
30) Chloroform	7.68	83	81740	20.779	ug/l	98
31) Cyclohexane	7.95	56	67124	17.711	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68848	19.653	ug/l	100
36) 1,1-Dichloropropene	8.08	75	60602	18.914	ug/l	98
37) Ethyl Acetate	7.26	43	27614	20.351	ug/l	99
38) Carbon Tetrachloride	8.07	117	64429	18.716	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78465	18.567	ug/l	96
40) Benzene	8.32	78	172588	19.680	ug/l	99
41) Methacrylonitrile	7.48	41	14439	16.997	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	52639	19.868	ug/l	99
43) Isopropyl Acetate	8.43	43	54649	19.281	ug/l	99
44) Trichloroethene	9.09	130	52025	20.447	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42435	19.331	ug/l	100
46) Dibromomethane	9.46	93	24803	20.559	ug/l	98
47) Bromodichloromethane	9.65	83	58512	19.273	ug/l	97
48) Methyl methacrylate	9.44	41	25397	18.810	ug/l	92
49) 1,4-Dioxane	9.45	88	8636	471.254	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	139314	100.935	ug/l	97
52) Toluene	10.39	92	114427	19.862	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	58539	18.451	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	67076	18.808	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	35277	21.111	ug/l	97
56) Ethyl methacrylate	10.65	69	44591	19.799	ug/l	96
57) 1,3-Dichloropropane	10.93	76	56763	20.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	98407	107.383	ug/l	99
59) 2-Hexanone	10.97	43	96143	97.148	ug/l	96
60) Dibromochloromethane	11.13	129	42801	19.849	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34823	20.855	ug/l	99
64) Tetrachloroethene	10.87	164	46276	20.217	ug/l	99
65) Chlorobenzene	11.66	112	134036	20.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48526	20.114	ug/l	99
67) Ethyl Benzene	11.73	91	231129	19.881	ug/l	100
68) m/p-Xylenes	11.84	106	180632	39.758	ug/l	98
69) o-Xylene	12.17	106	85628	19.687	ug/l	100
70) Styrene	12.18	104	144104	19.968	ug/l	98
71) Bromoform	12.35	173	27297	18.995	ug/l #	99
73) Isopropylbenzene	12.47	105	240183	19.230	ug/l	100
74) N-amyl acetate	12.27	43	55178	18.602	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	41156	20.104	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	25593m	16.753	ug/l	
77) Bromobenzene	12.75	156	60367	20.400	ug/l	96
78) n-propylbenzene	12.81	91	282893	19.254	ug/l	100
79) 2-Chlorotoluene	12.90	91	161169	19.432	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	205751	19.512	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11876	16.411	ug/l	96
82) 4-Chlorotoluene	12.99	91	170538	19.543	ug/l	99
83) tert-Butylbenzene	13.21	119	183335	19.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	210437	19.784	ug/l	99
85) sec-Butylbenzene	13.39	105	259551	19.716	ug/l	99
86) p-Isopropyltoluene	13.51	119	233632	19.734	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120049	20.420	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120819	20.681	ug/l	100
89) n-Butylbenzene	13.83	91	216789	19.426	ug/l	99
90) Hexachloroethane	14.10	117	39531	17.754	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	109233	20.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7156	18.757	ug/l	91

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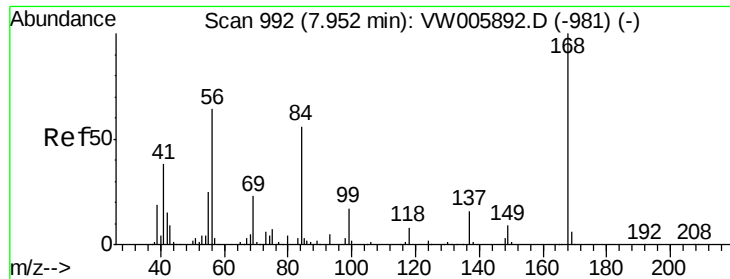
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84116	20.785	ug/l	100
94) Hexachlorobutadiene	15.24	225	50459	19.975	ug/l	99
95) Naphthalene	15.38	128	151945	21.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74644	21.301	ug/l	100

(#) = 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: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion:168 Resp: 223004

Ion Ratio Lower Upper

168 100

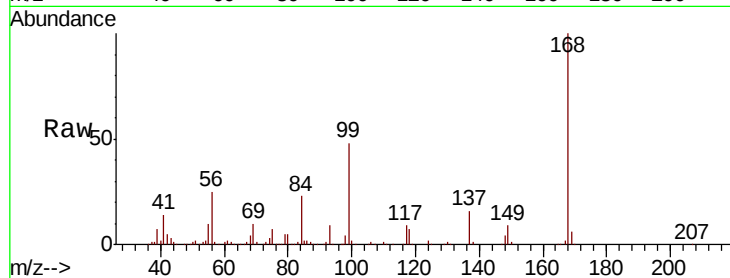
99 47.9 40.9 61.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

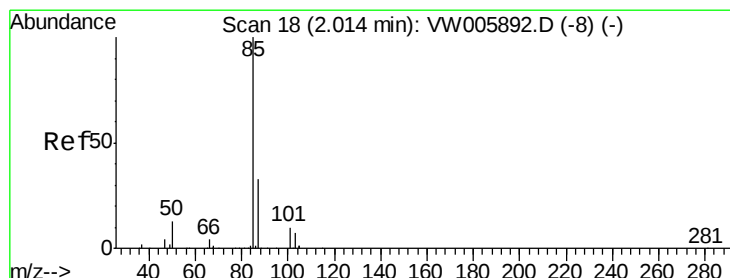
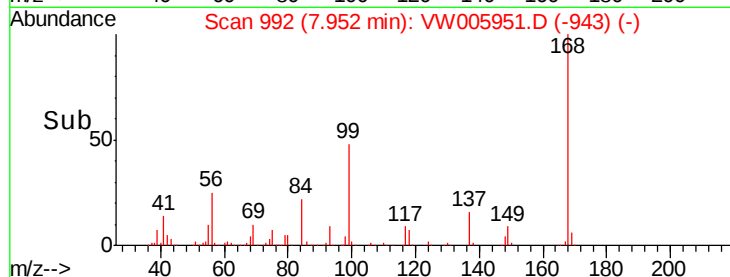
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.000 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005951.D

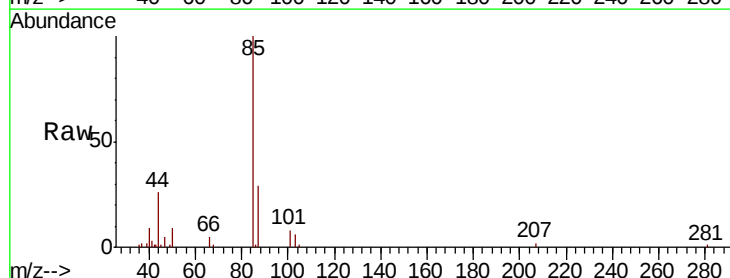
Acq: 09 Oct 2018 21:30

Tgt Ion: 85 Resp: 21856

Ion Ratio Lower Upper

85 100

87 29.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

6000

4000

2000

0

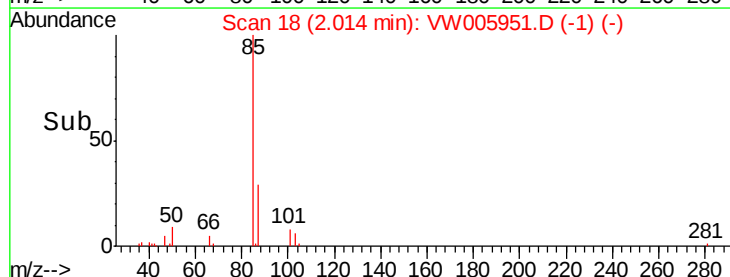
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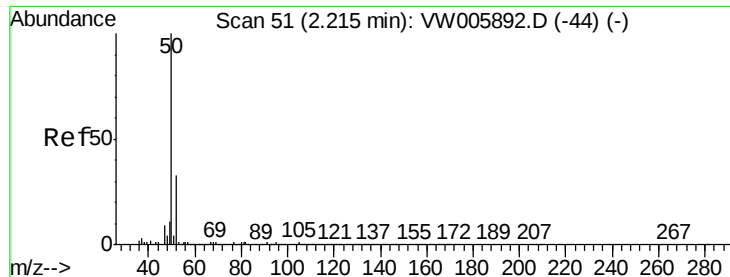
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 20.930 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 50 Resp: 26904

Ion Ratio Lower Upper

50 100

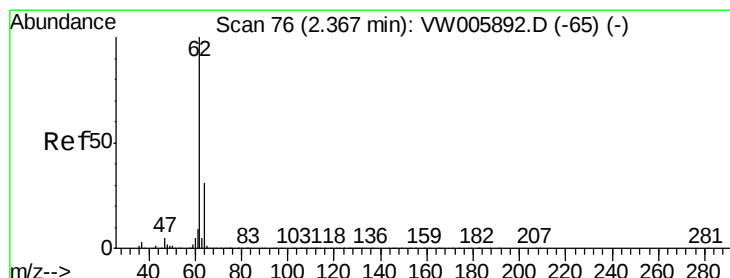
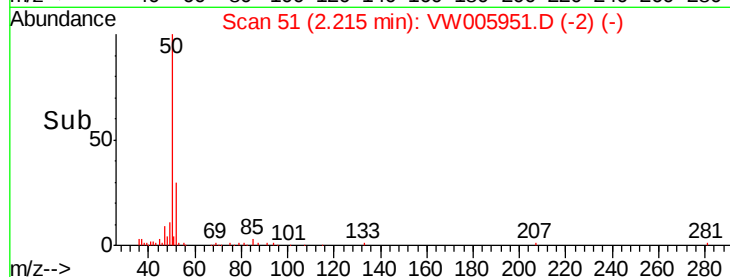
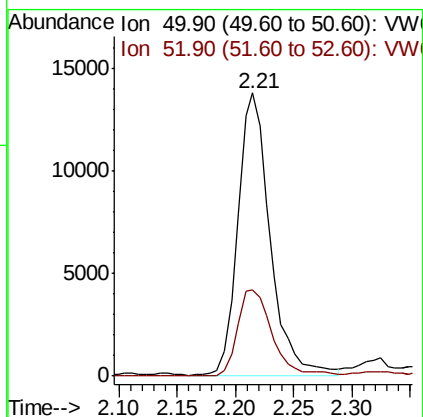
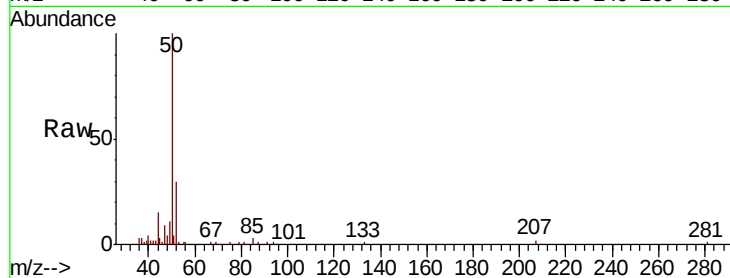
52 30.4 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.660 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005951.D

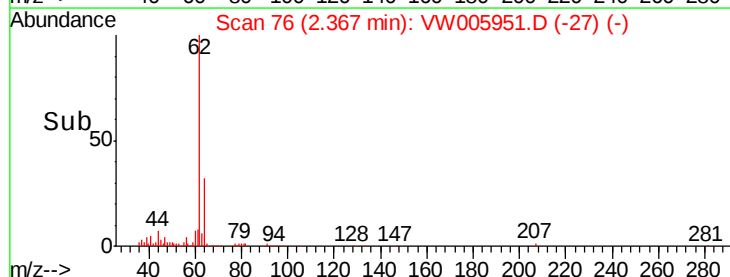
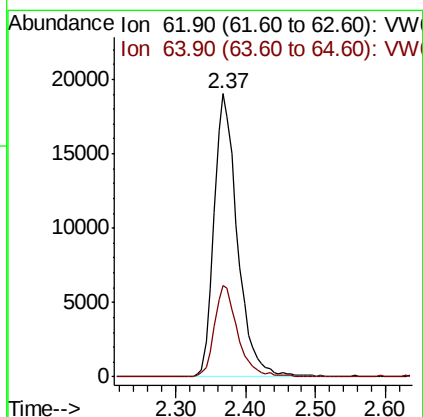
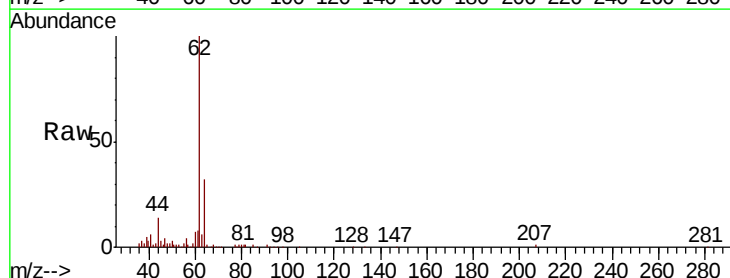
Acq: 09 Oct 2018 21:30

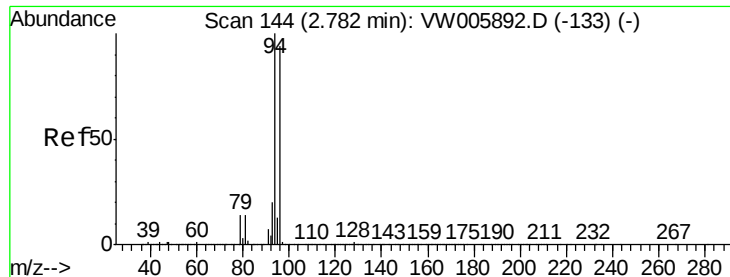
Tgt Ion: 62 Resp: 44202

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 23.921 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

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VW1010SBSD01

Tot Ion: 94 Resp: 38527

Ion Ratio Lower Upper

94 100

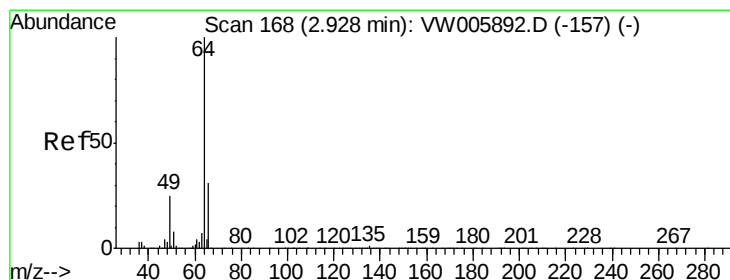
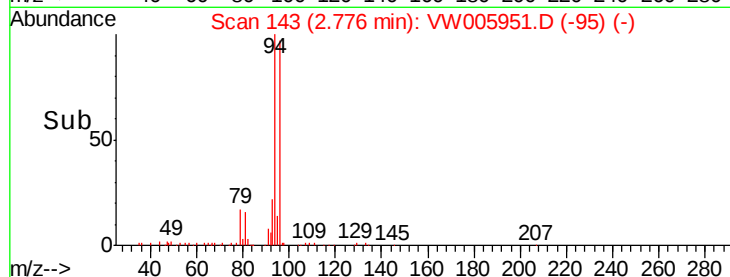
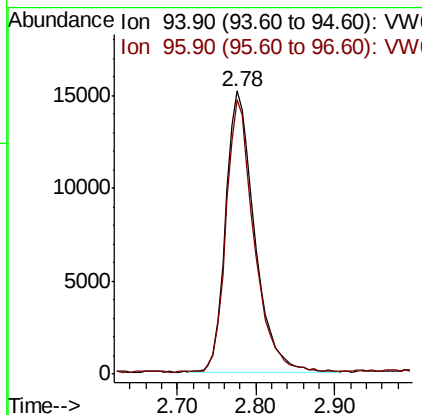
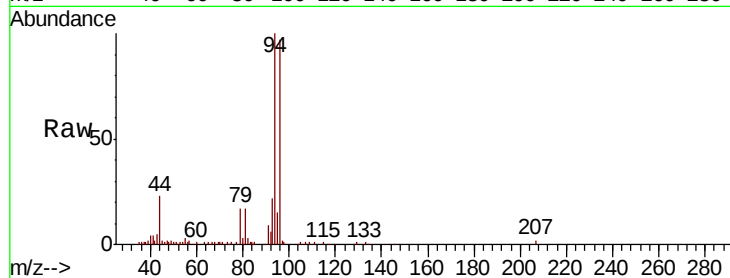
96 96.3 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 23.367 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005951.D

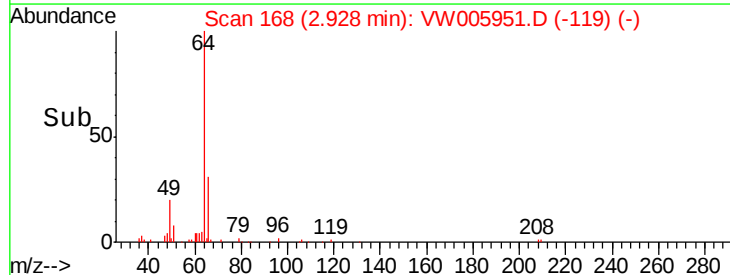
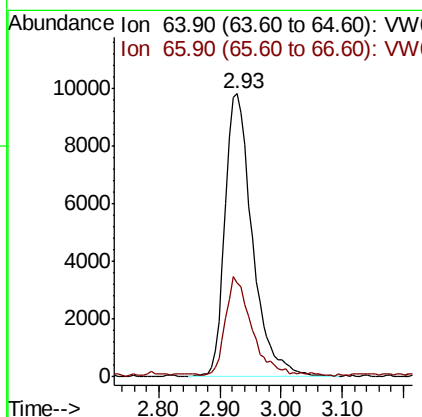
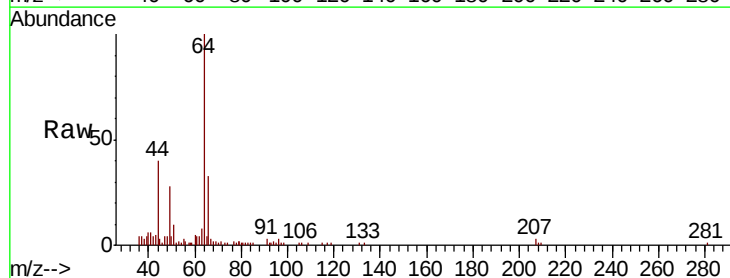
Acq: 09 Oct 2018 21:30

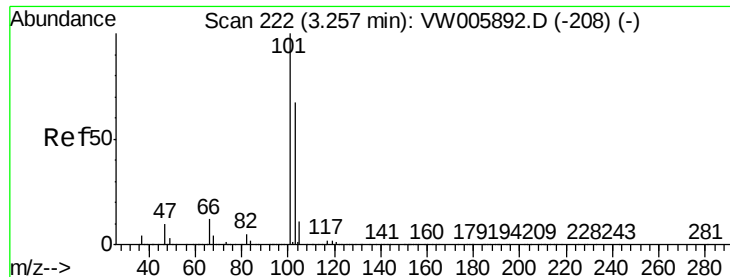
Tgt Ion: 64 Resp: 30381

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.4





#7

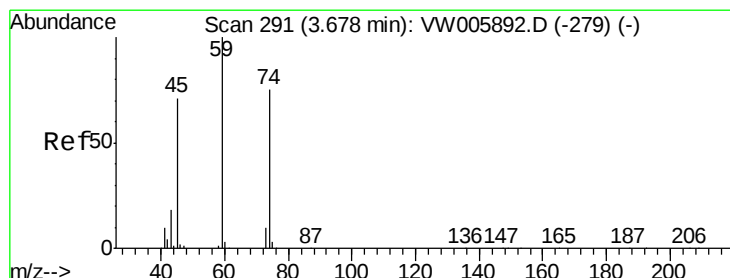
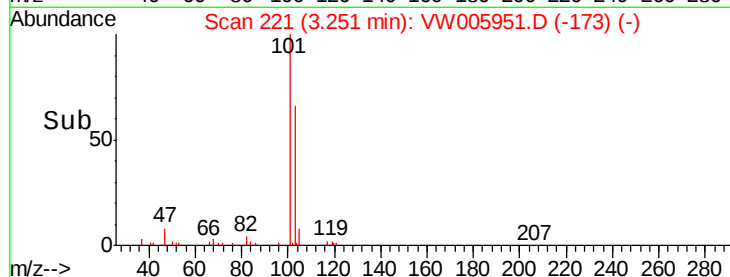
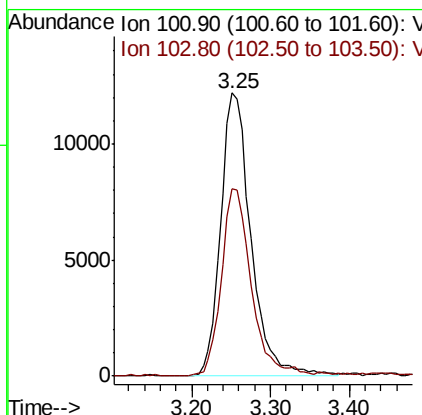
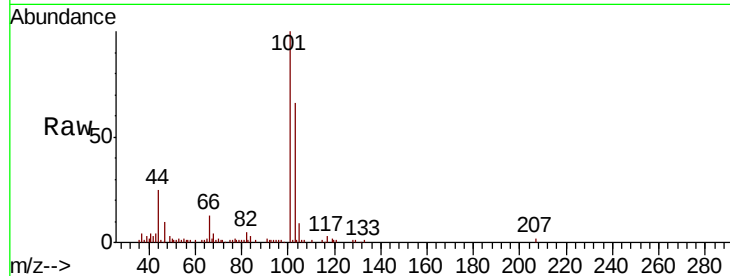
Trichlorofluoromethane
Concen: 20.146 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

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VW1010SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	32635		
103	66.4	53.5	80.3	

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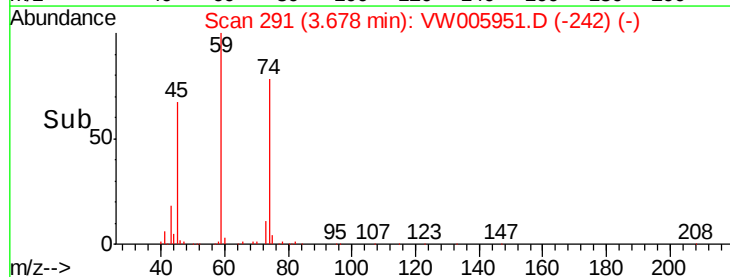
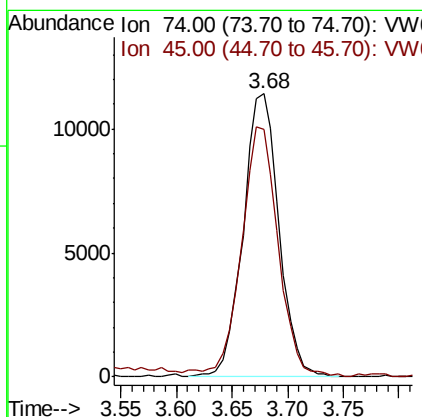
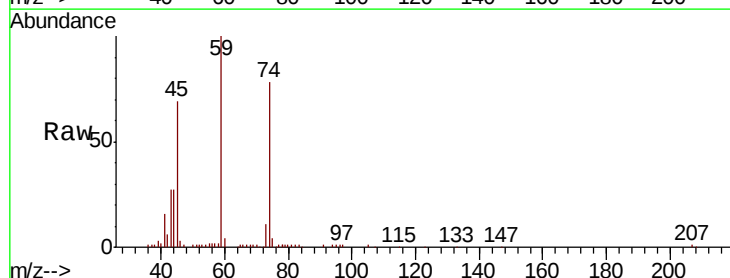
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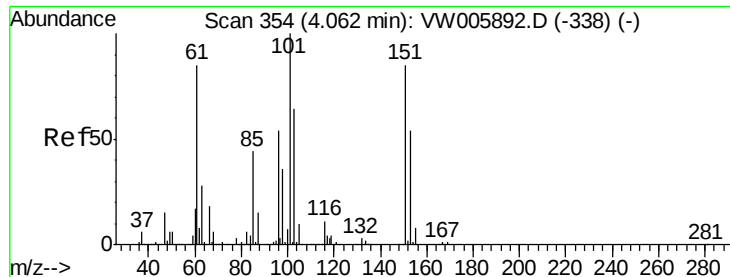


#8

Diethyl Ether
Concen: 25.637 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	25559		
45	90.4	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.452 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005951.D

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Instrument :

MSVOA_W

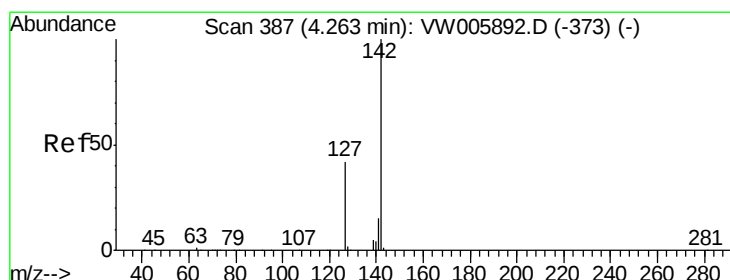
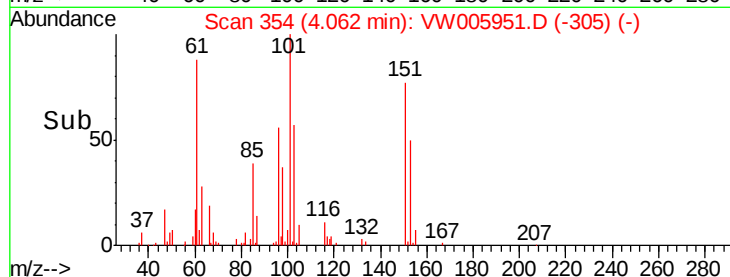
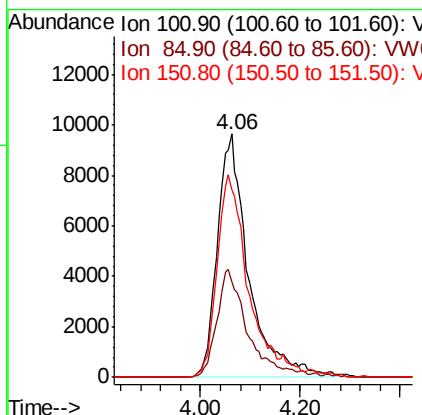
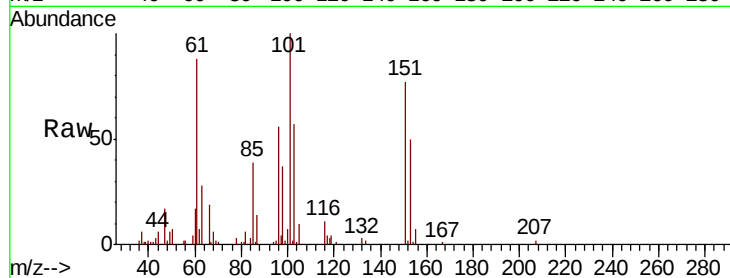
ClientSampleId :

VW1010SBSD01

Tot Ion:	101	Resp:	41811
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.1	52.7
151	80.1	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 20.355 ug/l

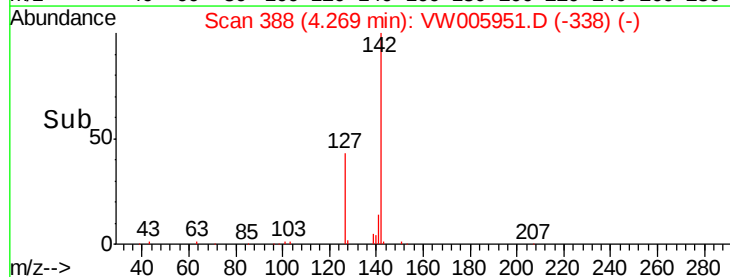
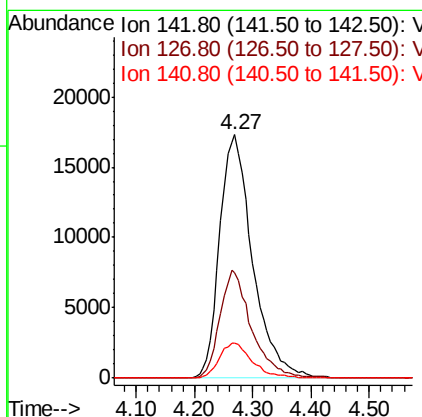
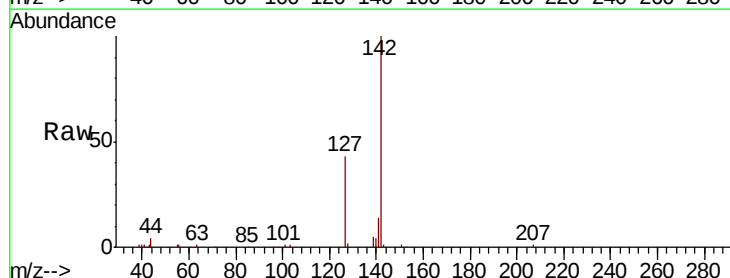
RT: 4.27 min Scan# 388

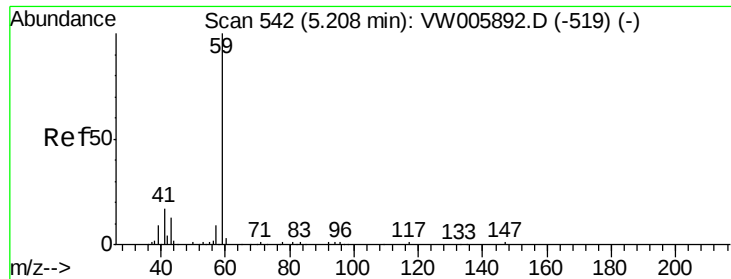
Delta R.T. 0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion:	142	Resp:	68054
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.7	50.5
141	14.2	11.5	17.3





#11

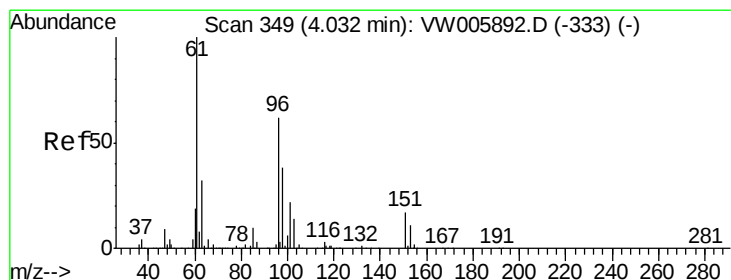
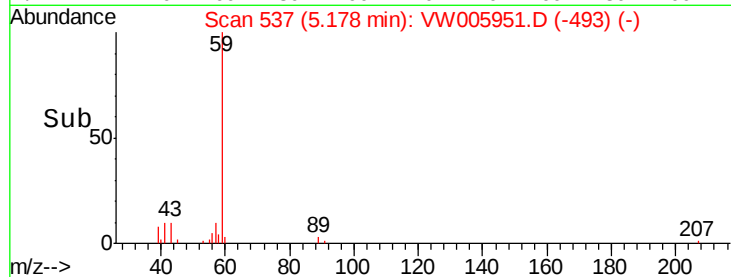
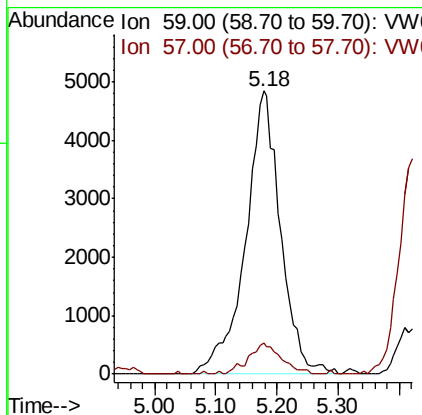
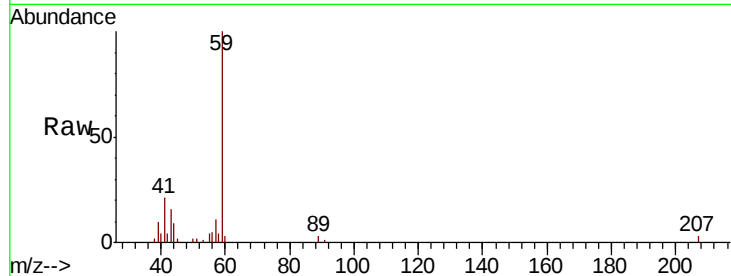
Tert butyl alcohol
 Concen: 122.155 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.7	11.5

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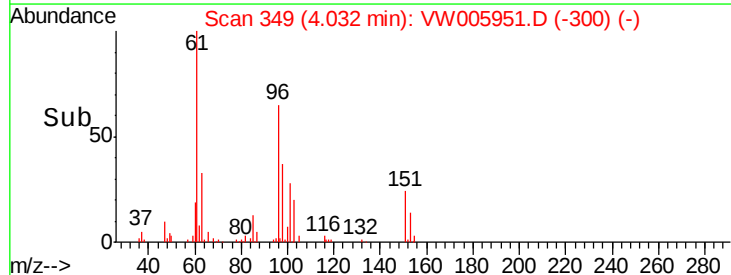
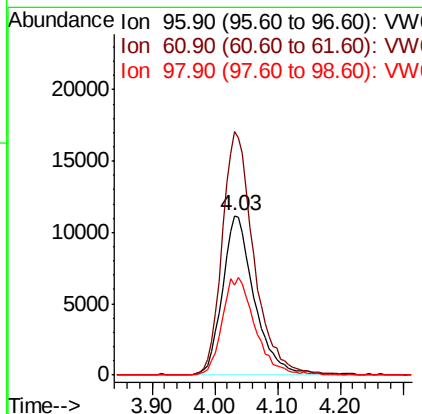
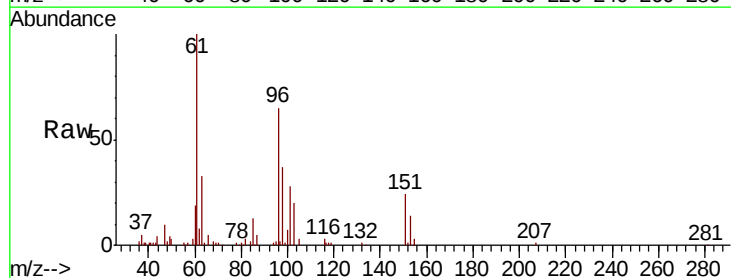
apatel
 10/10/2018 11:34:48 AM



#12

1,1-Dichloroethene
 Concen: 19.887 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	128.6	193.0
98	56.7	49.4	74.0





#13

Acrolein

Concen: 107.499 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 56 Resp: 15199

Ion Ratio Lower Upper

56 100

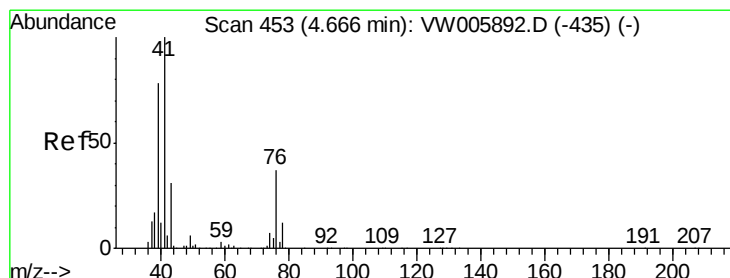
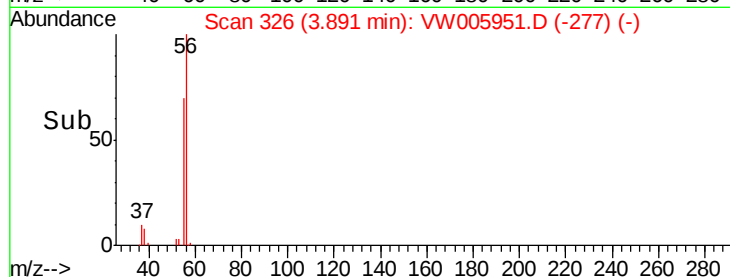
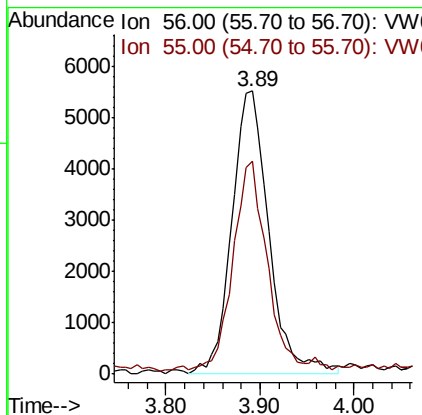
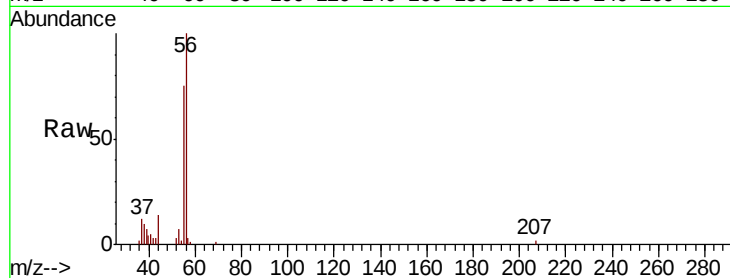
55 66.0 54.6 82.0

Manual Integrations

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#14

Allyl chloride

Concen: 17.066 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

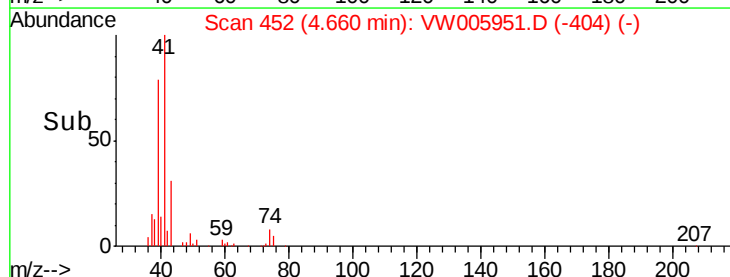
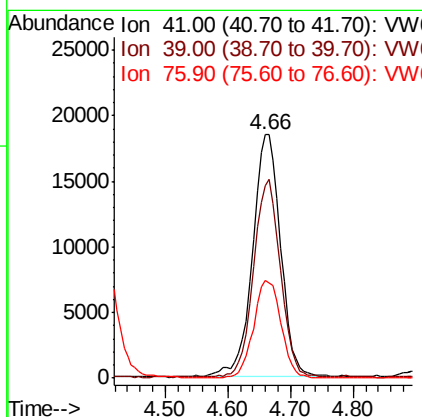
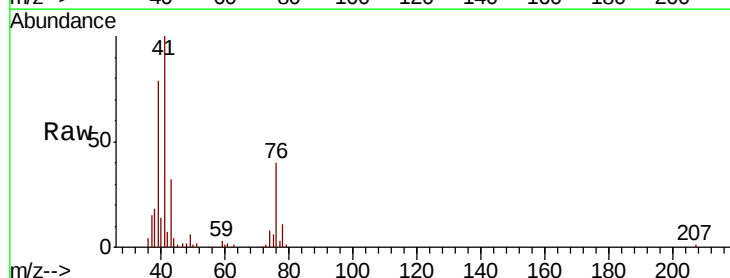
Tgt Ion: 41 Resp: 57131

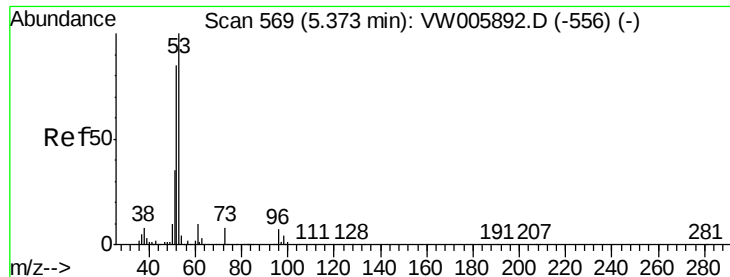
Ion Ratio Lower Upper

41 100

39 78.1 60.8 91.2

76 39.4 29.6 44.4





#15

Acrylonitrile

Concen: 104.955 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

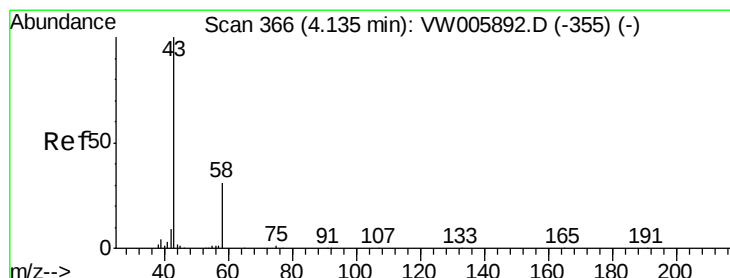
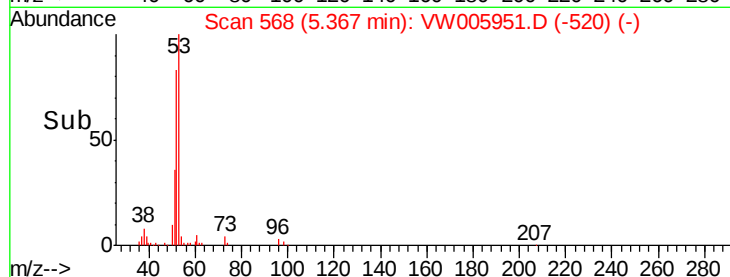
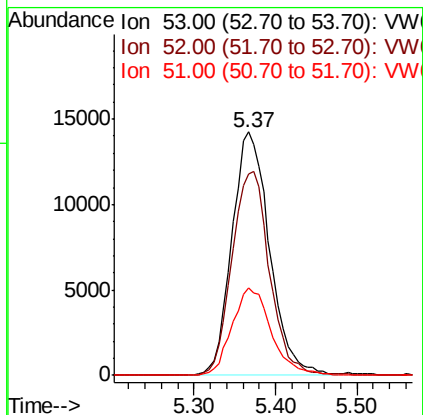
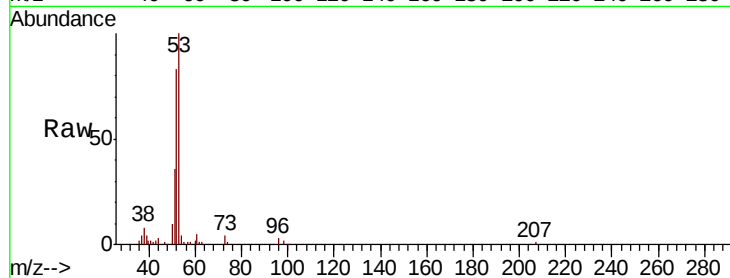
ClientSampleId :

VW1010SBSD01

Tot Ion:	53	Resp:	45537
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.8	100.2
51	37.3	29.8	44.6

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#16

Acetone

Concen: 95.366 ug/l

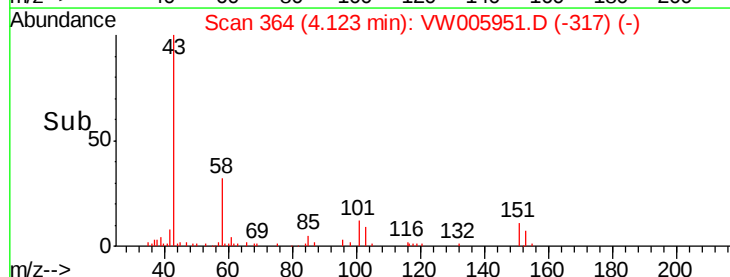
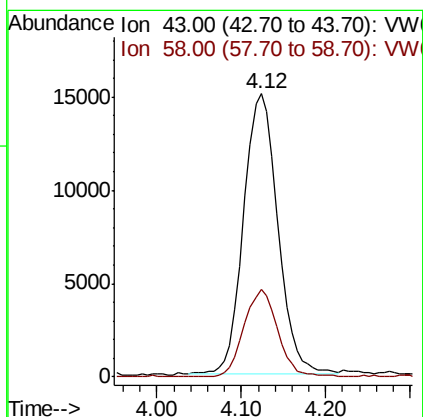
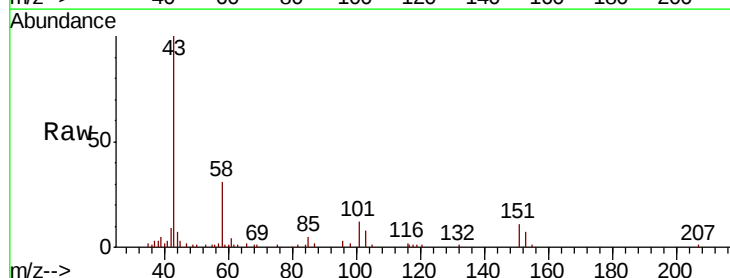
RT: 4.12 min Scan# 364

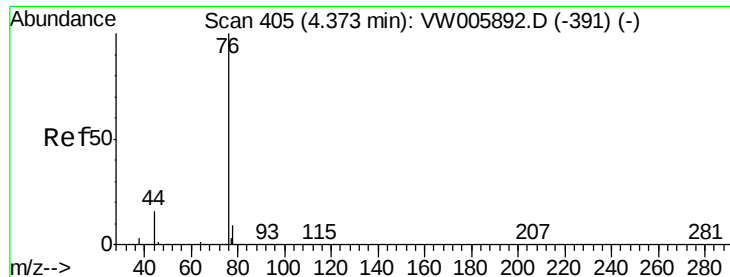
Delta R.T. -0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion:	43	Resp:	41238
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.7	37.1





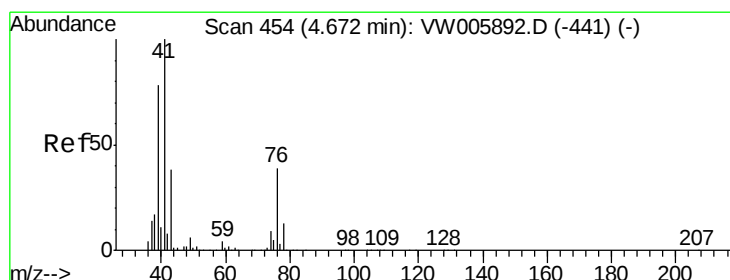
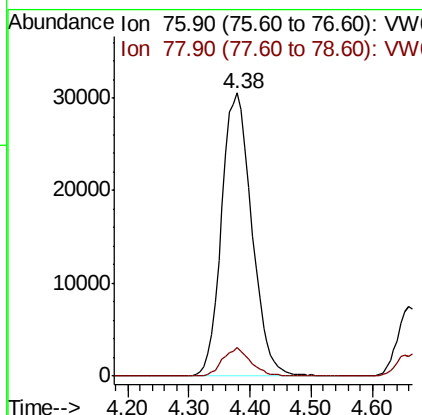
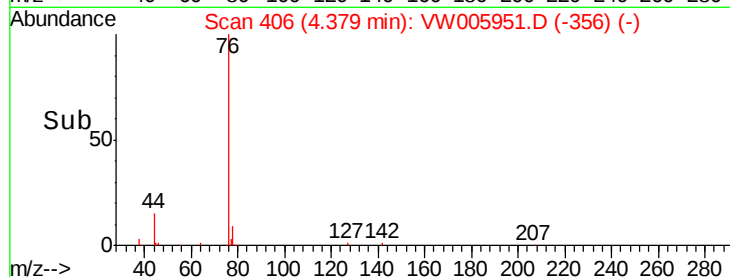
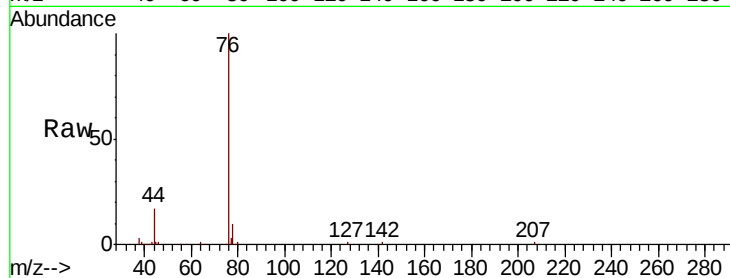
#17
Carbon Disulfide
Concen: 17.593 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0

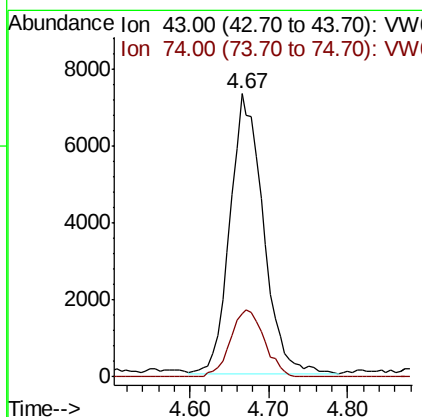
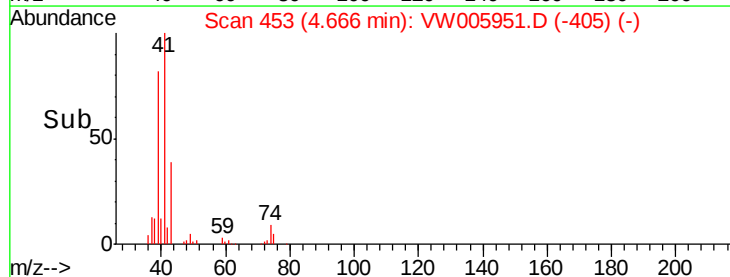
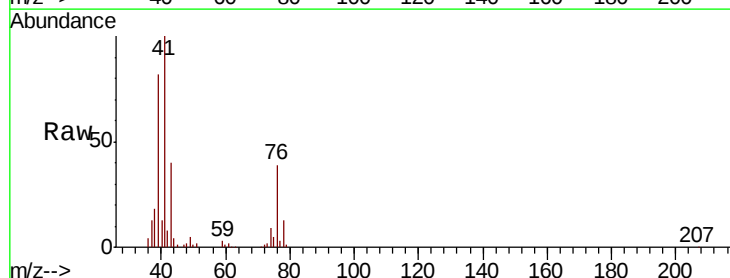
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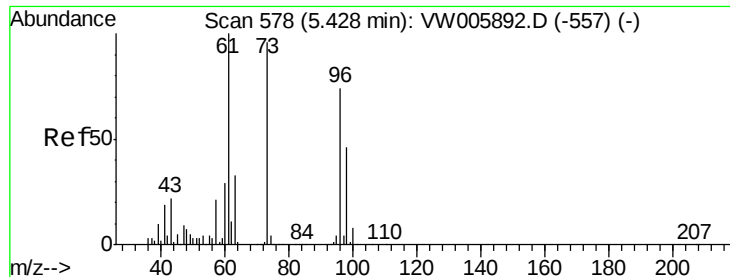
apatel
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#18
Methyl Acetate
Concen: 19.503 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.2	28.8





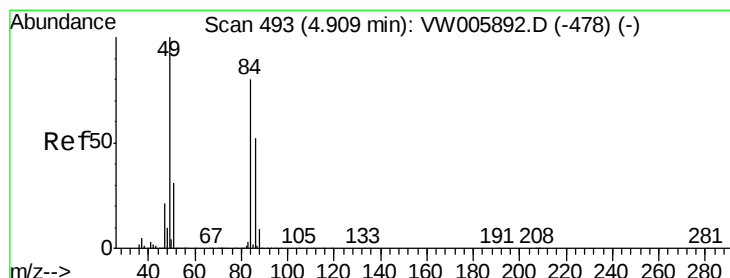
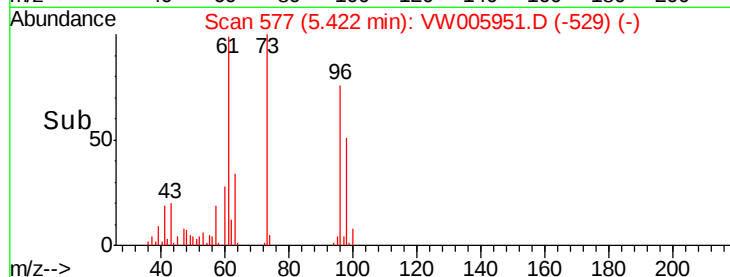
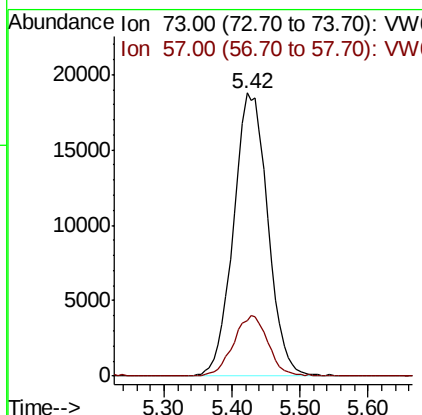
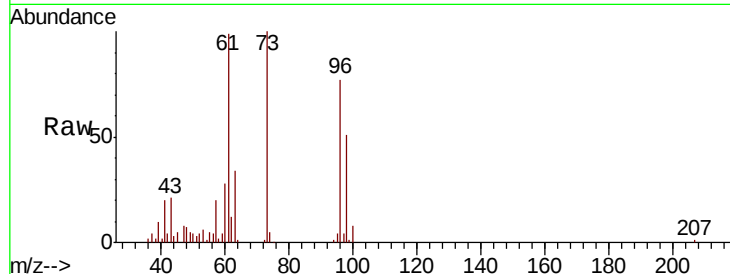
#19
Methyl tert-butyl Ether
Concen: 21.517 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.7	17.7	26.5

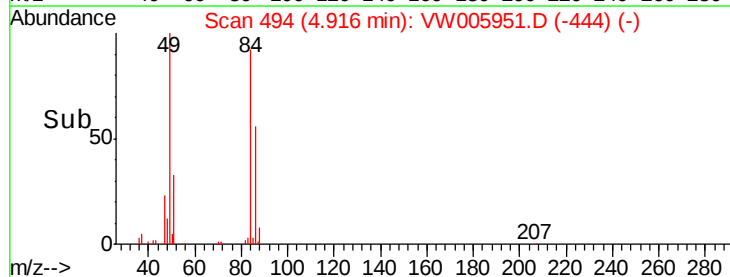
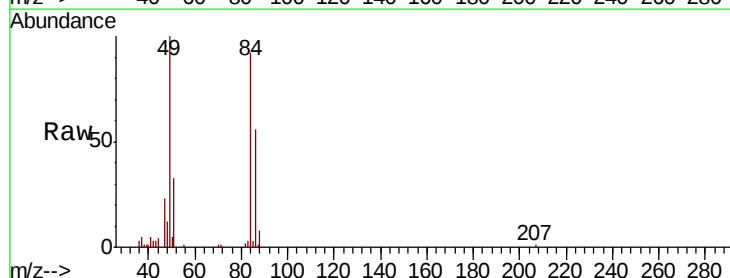
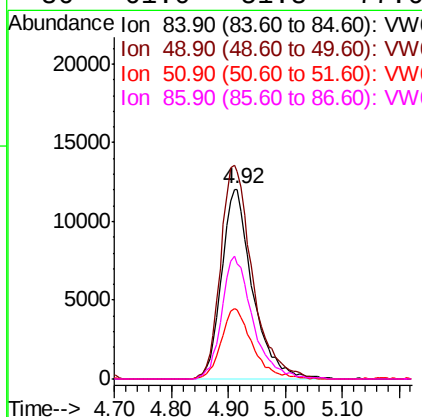
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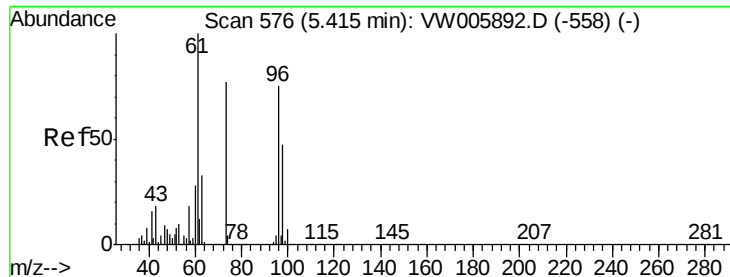
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#20
Methylene Chloride
Concen: 21.083 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	99.9	149.9
51	36.6	31.1	46.7
86	61.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 20.342 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

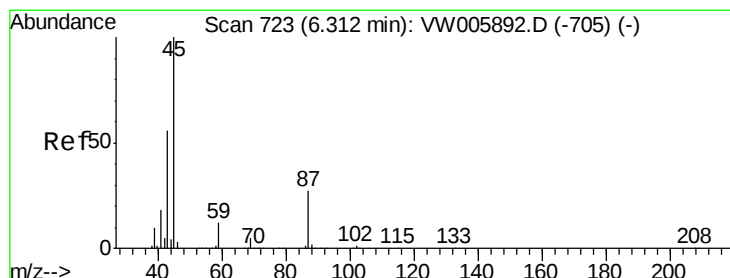
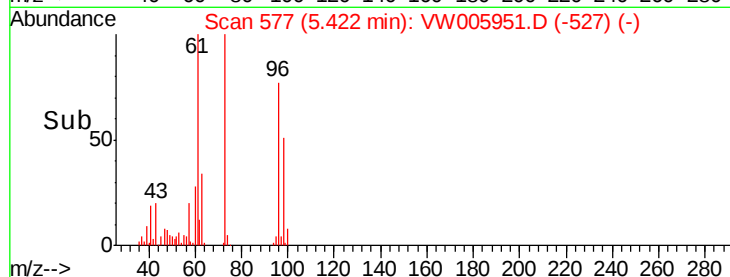
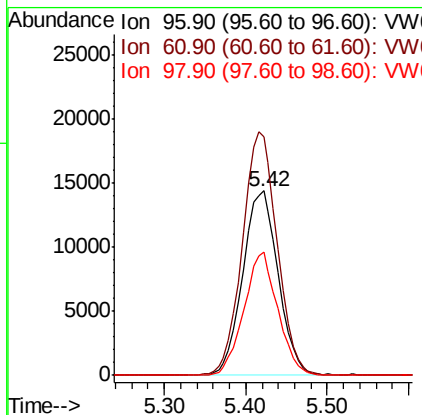
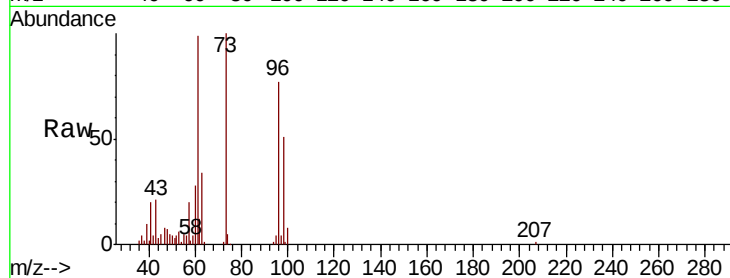
ClientSampleId :

VW1010SBSD01

Tot Ion:	96	Resp:	43524
Ion	Ratio	Lower	Upper
96	100		
61	129.6	107.4	161.0
98	67.0	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.205 ug/l

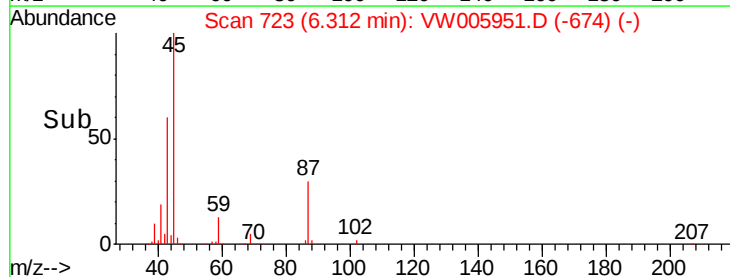
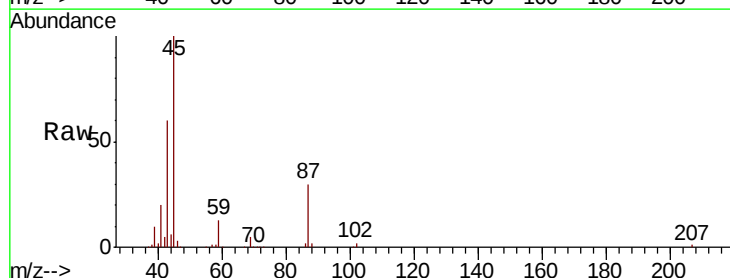
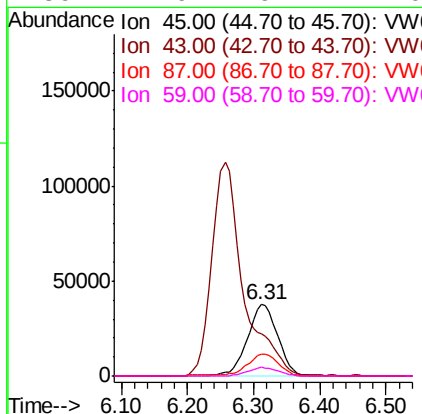
RT: 6.31 min Scan# 723

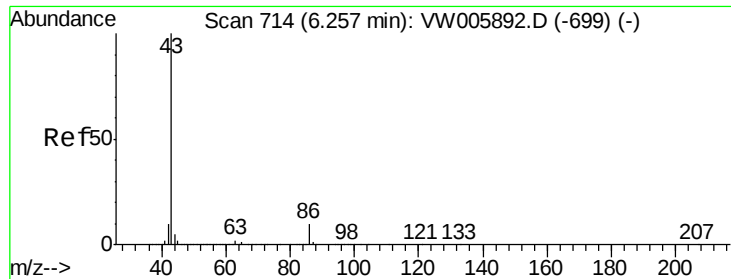
Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion:	45	Resp:	120189
Ion	Ratio	Lower	Upper
45	100		
43	59.1	45.9	68.9
87	30.2	22.2	33.4
59	12.9	9.4	14.0





#23

Vinyl Acetate

Concen: 96.503 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 43 Resp: 371715

Ion Ratio Lower Upper

43 100

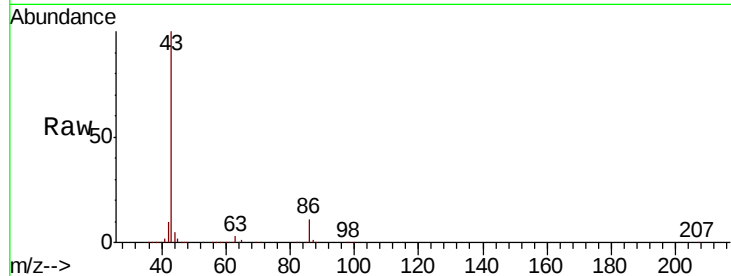
86 11.0 8.2 12.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

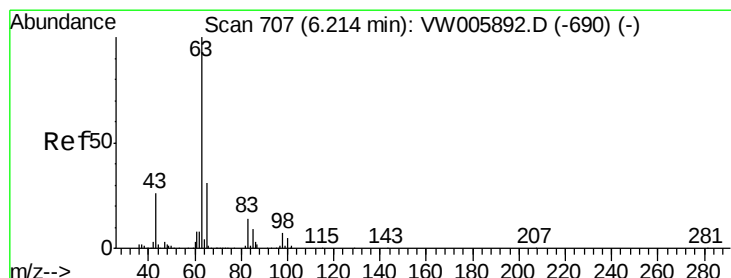
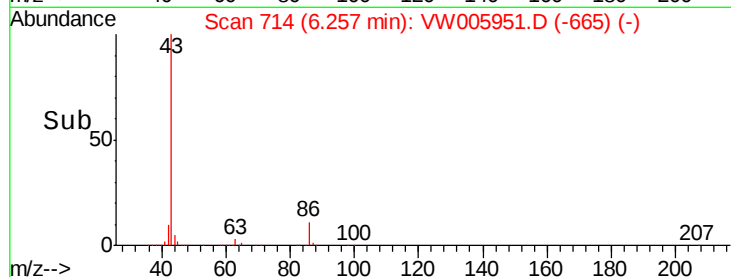
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.899 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

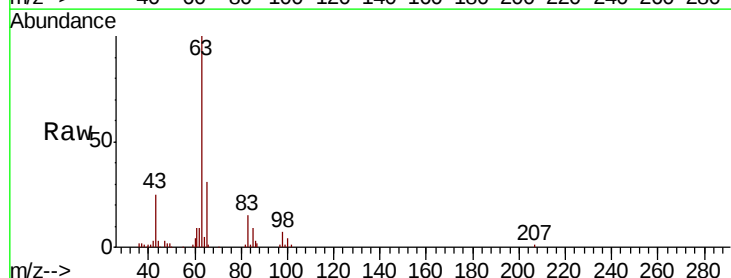
Tgt Ion: 63 Resp: 76210

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.2 2.4 7.1



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

6.21

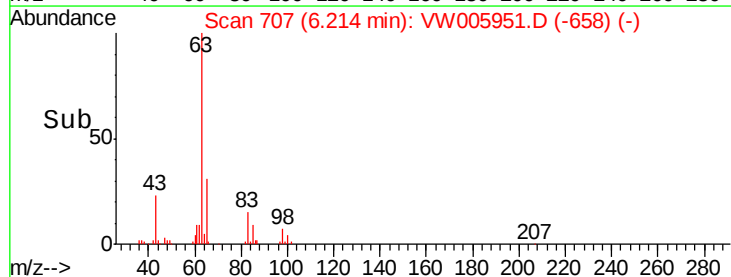
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.147 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 43 Resp: 62209

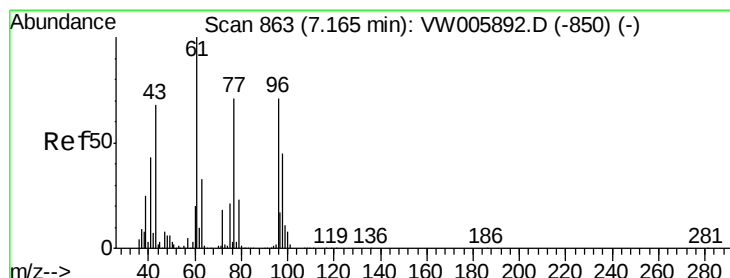
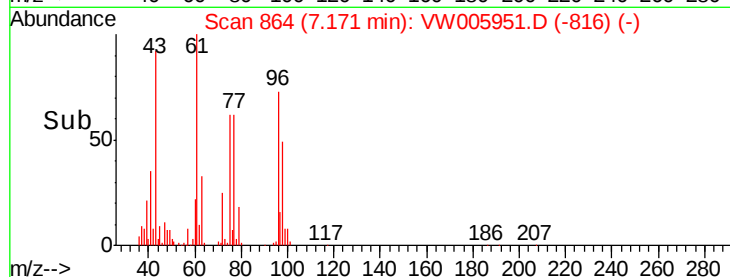
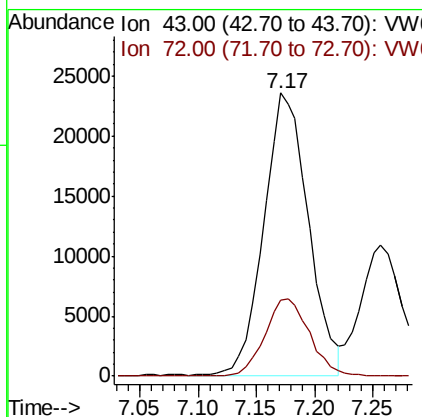
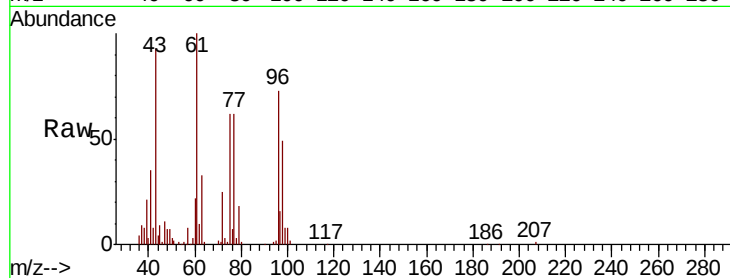
Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 18.446 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005951.D

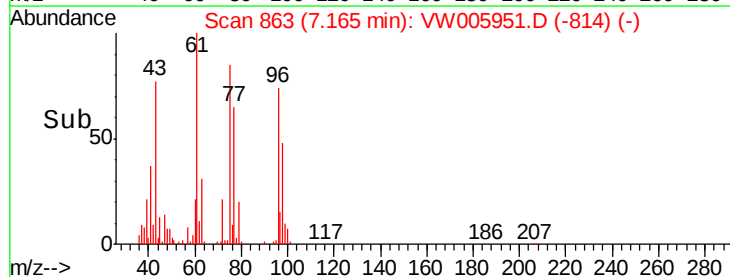
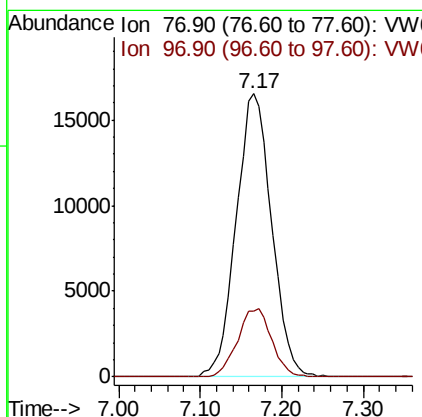
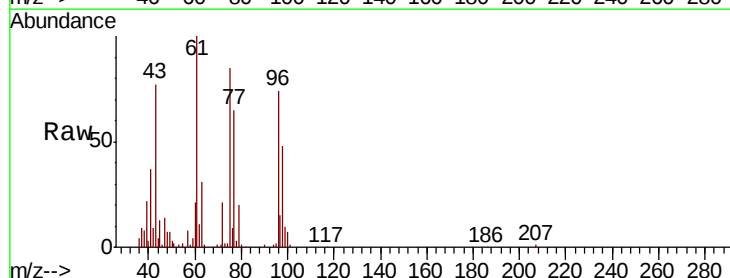
Acq: 09 Oct 2018 21:30

Tgt Ion: 77 Resp: 49717

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.7





#27

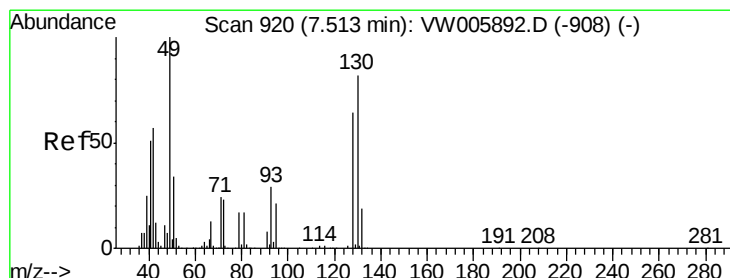
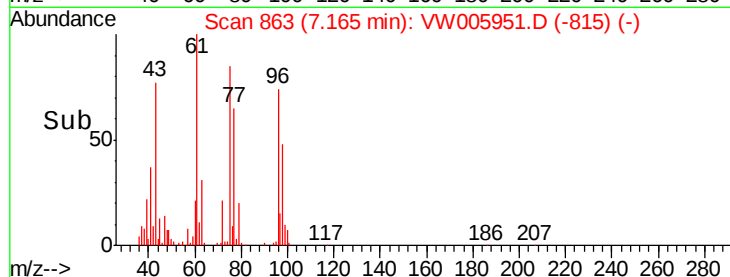
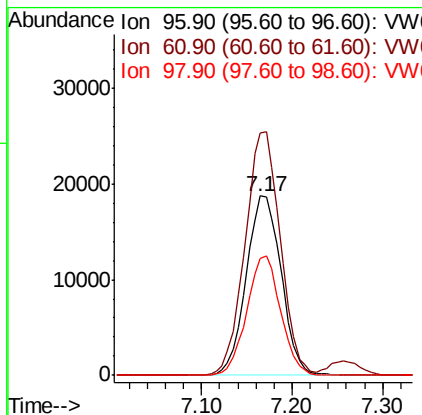
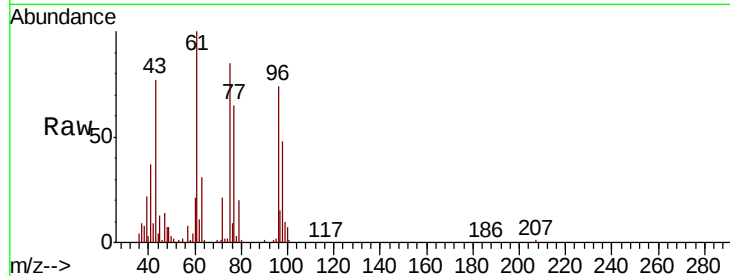
cis-1,2-Dichloroethene
Concen: 20.732 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	284.0
98	64.2	0.0	129.8

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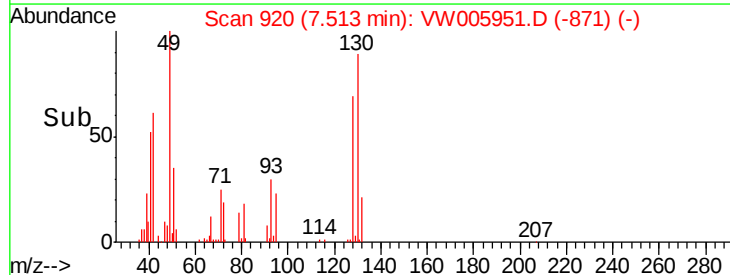
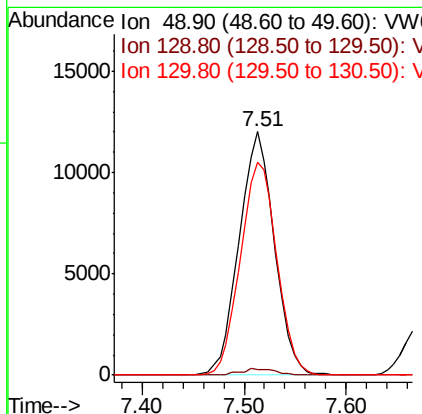
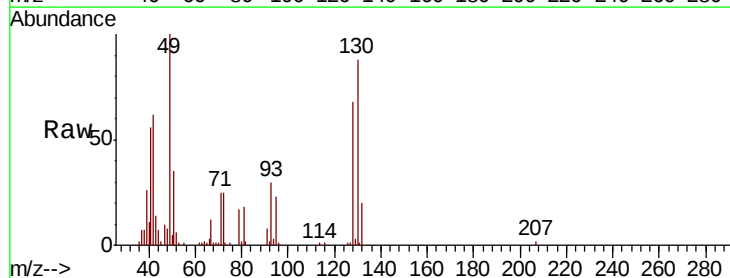
apatel
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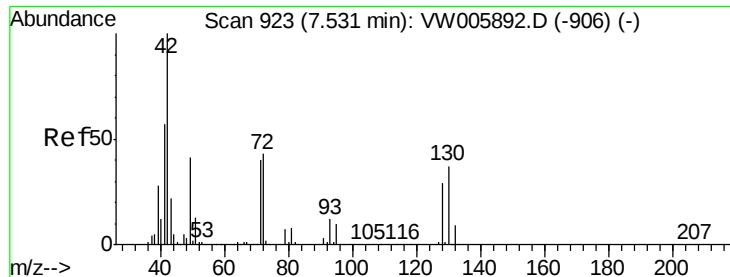


#28

Bromochloromethane
Concen: 20.417 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	90.3	66.9	100.3





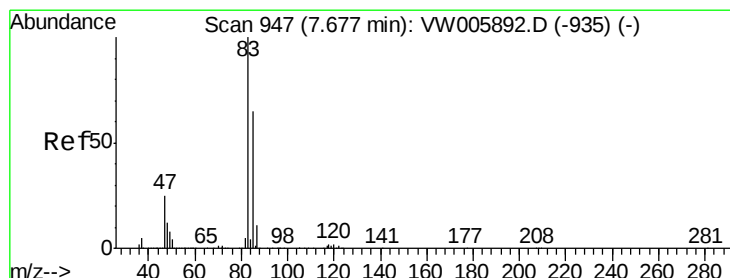
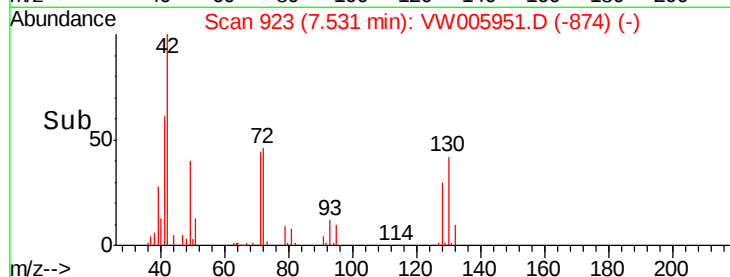
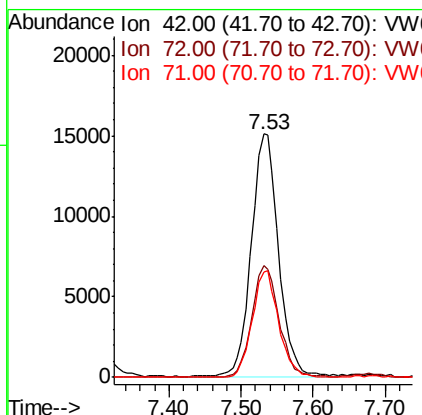
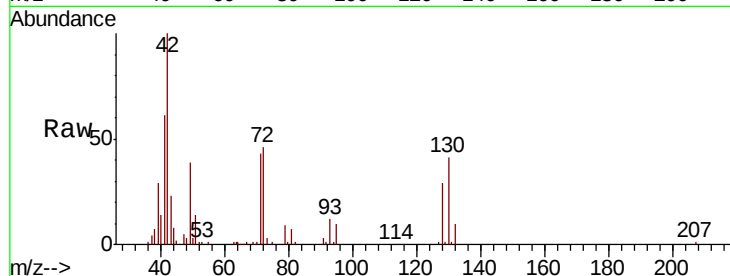
#29
Tetrahydrofuran
Concen: 103.315 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.6	51.8
71	41.8	32.6	49.0

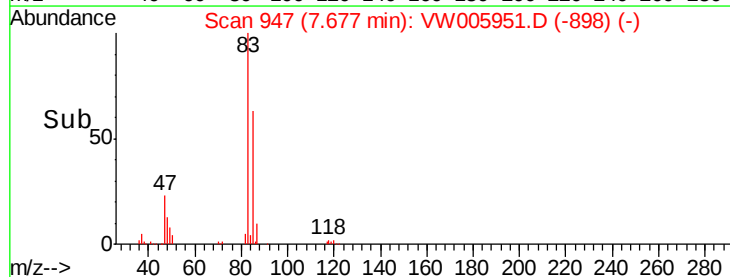
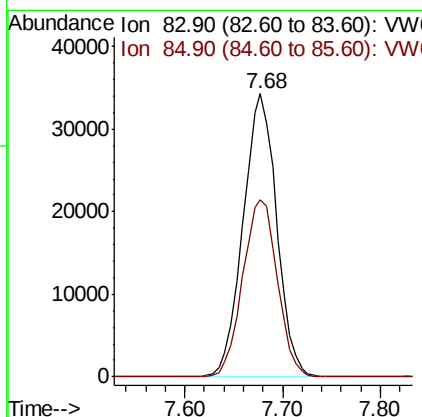
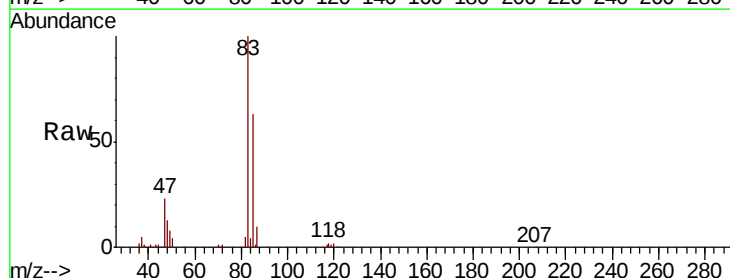
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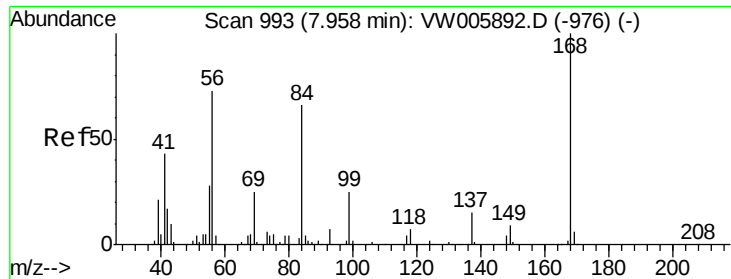
apatel
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#30
Chloroform
Concen: 20.779 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.6	77.4





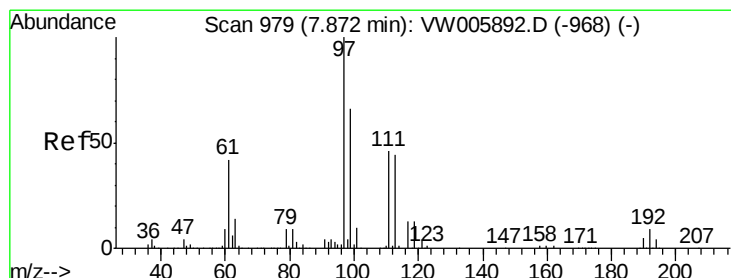
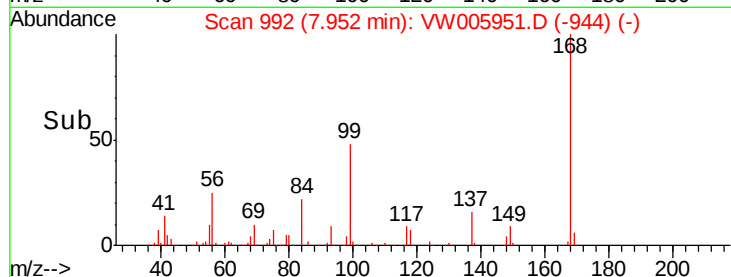
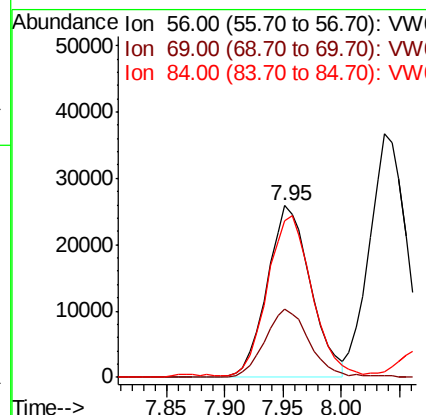
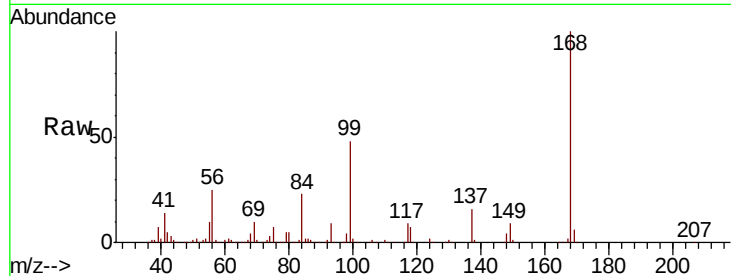
#31
Cyclohexane
Concen: 17.711 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	27.9	41.9
84	89.2	72.3	108.5

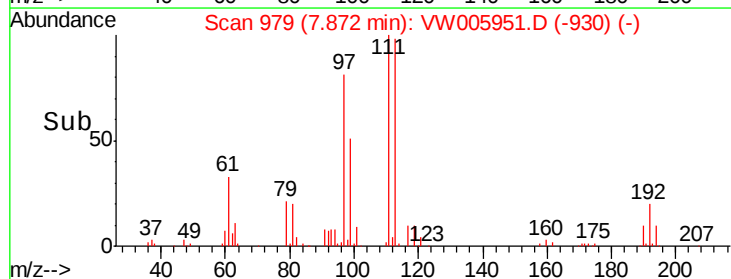
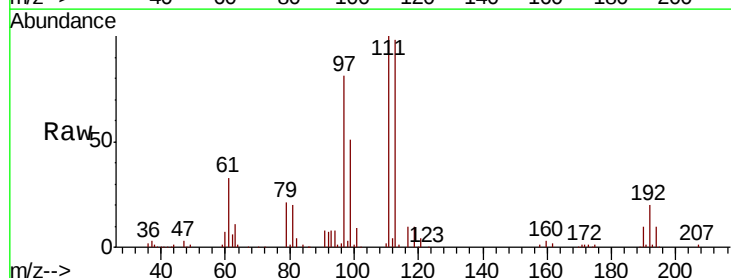
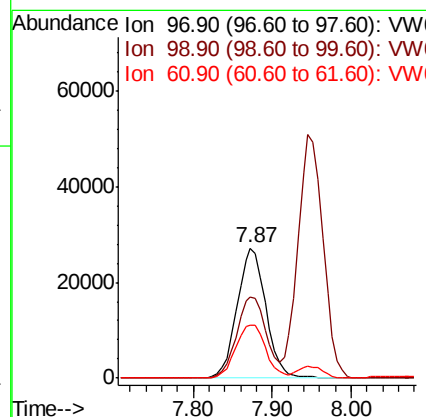
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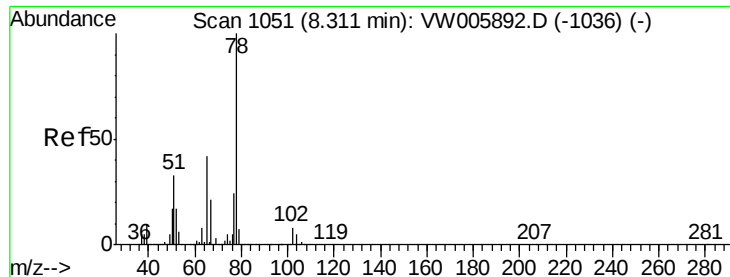
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#32
1,1,1-Trichloroethane
Concen: 19.653 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	43.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 50.235 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 65 Resp: 108753

Ion Ratio Lower Upper

65 100

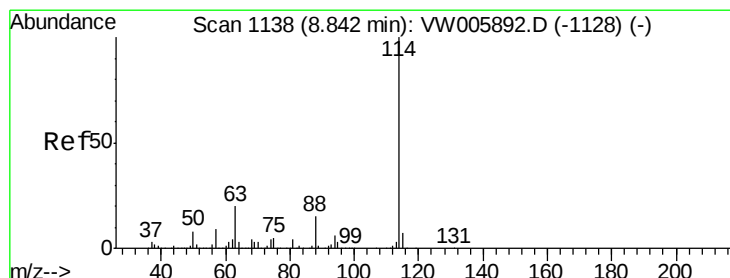
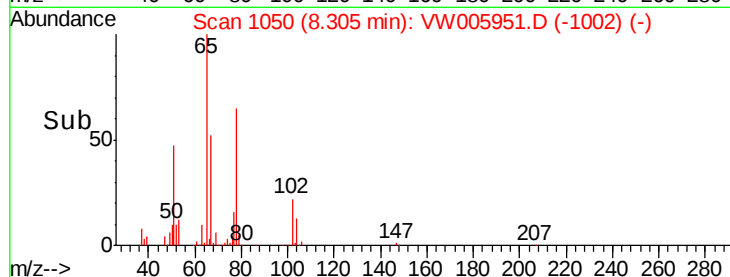
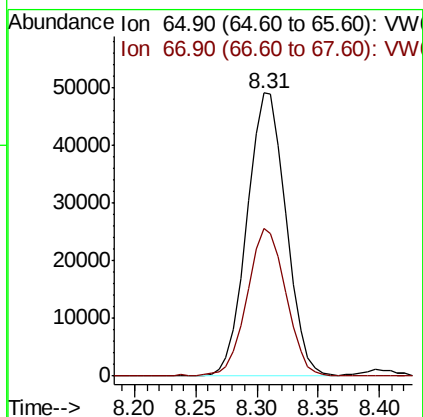
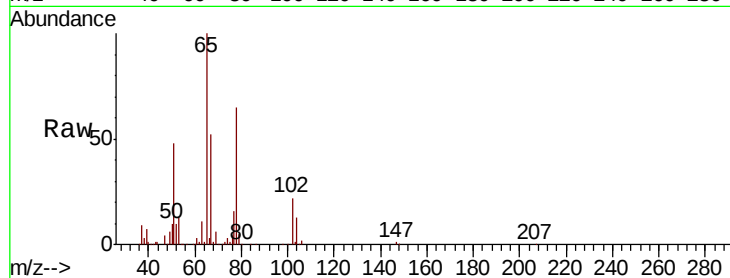
67 52.1 0.0 104.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

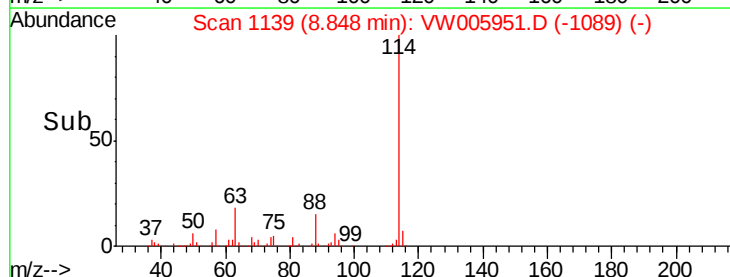
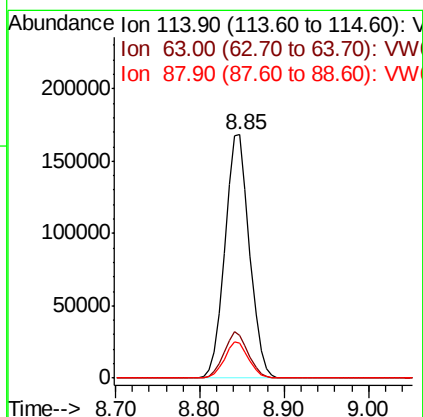
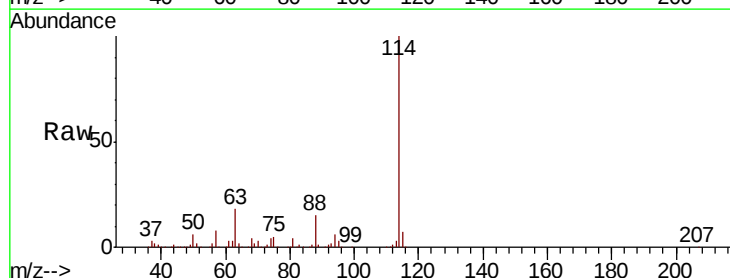
Tgt Ion: 114 Resp: 334393

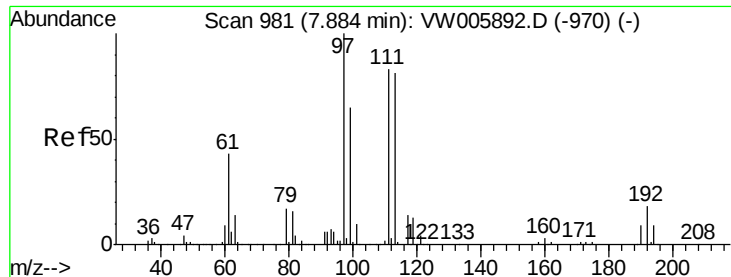
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.2

88 14.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.989 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

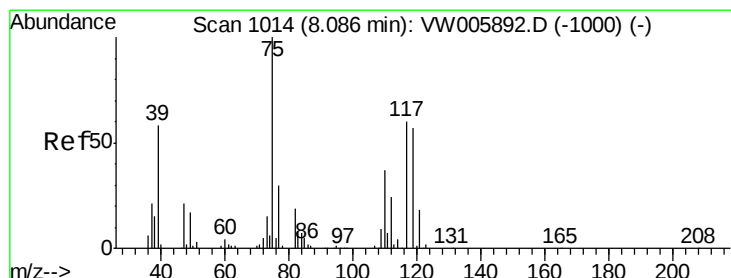
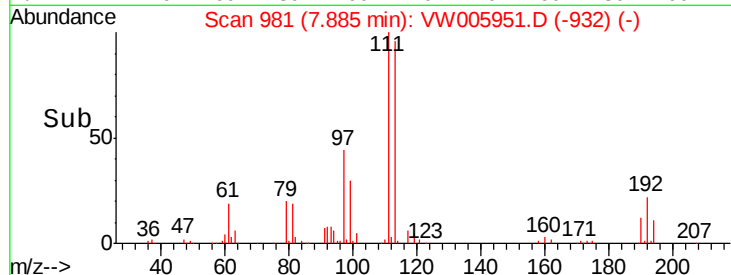
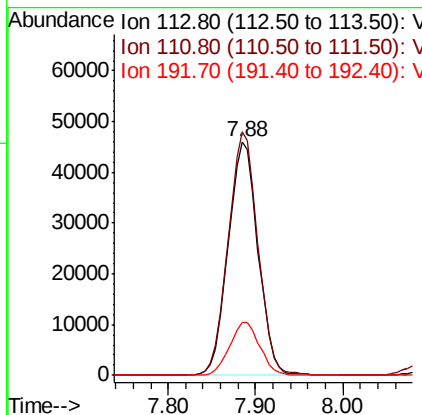
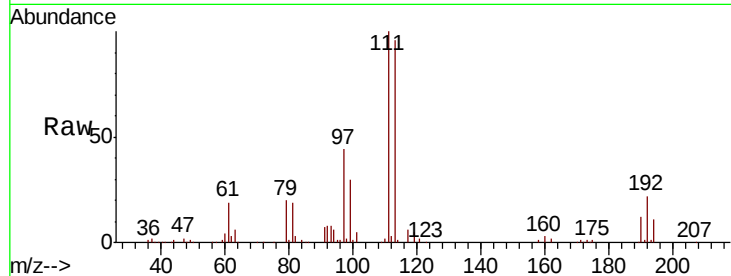
ClientSampleId :

VW1010SBSD01

Tot Ion:	113	Resp:	108860
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.0	123.0
192	22.8	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 18.914 ug/l

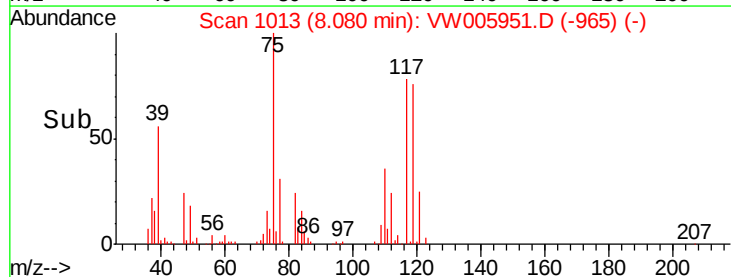
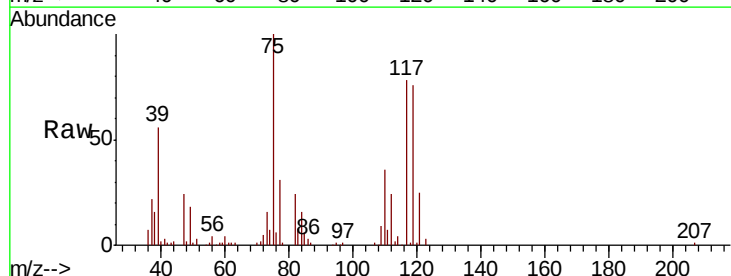
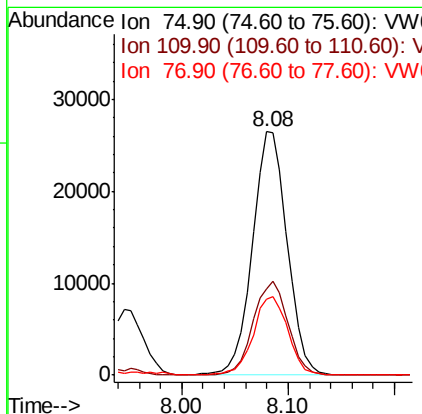
RT: 8.08 min Scan# 1013

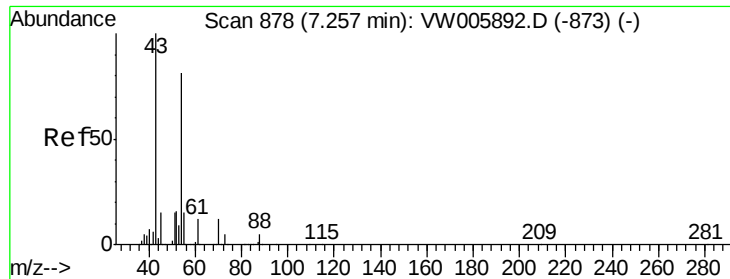
Delta R.T. -0.01 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion:	75	Resp:	60602
Ion Ratio	Lower	Upper	
75	100		
110	38.3	18.6	56.0
77	32.2	24.7	37.1





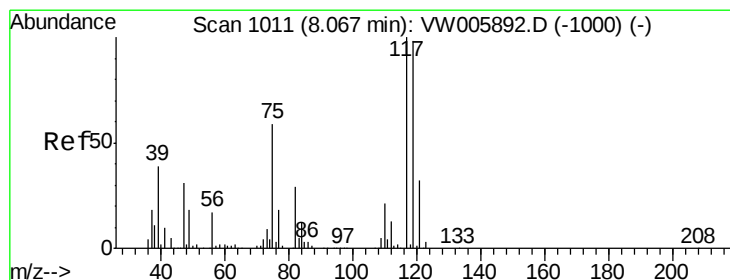
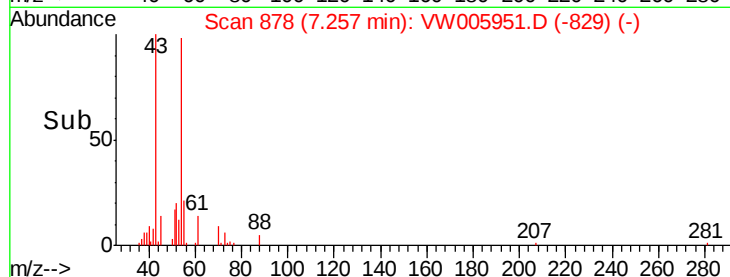
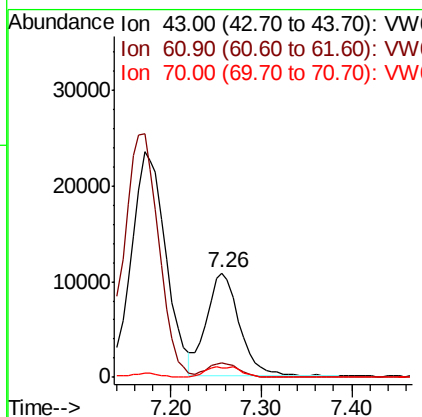
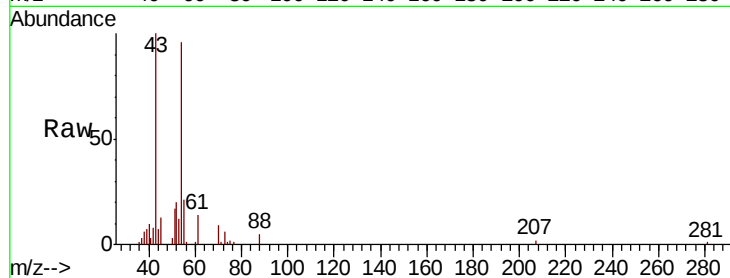
#37
Ethyl Acetate
Concen: 20.351 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	11.2	8.6	13.0

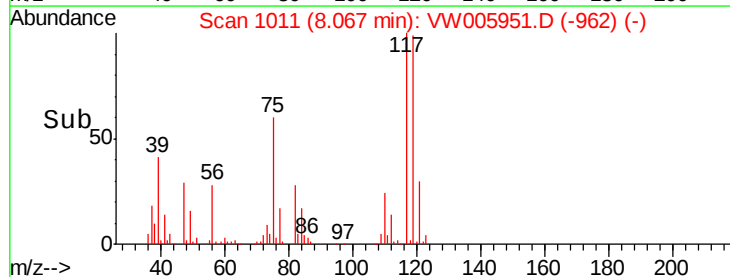
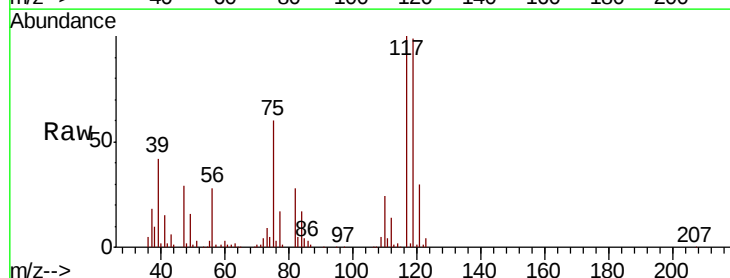
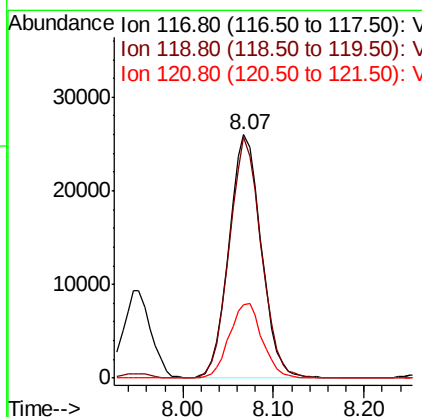
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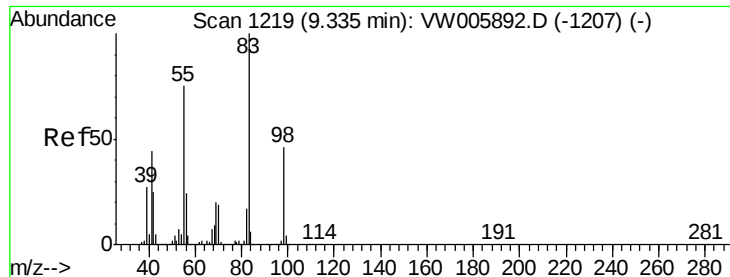
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#38
Carbon Tetrachloride
Concen: 18.716 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.6	117.8
121	30.2	25.3	37.9





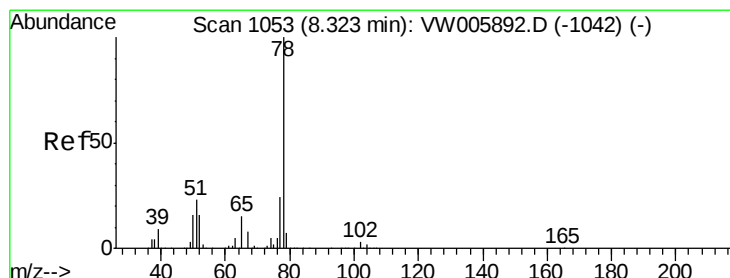
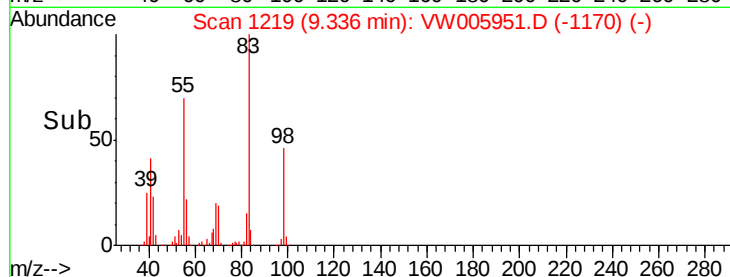
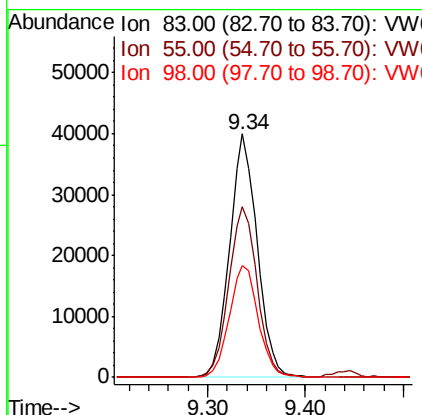
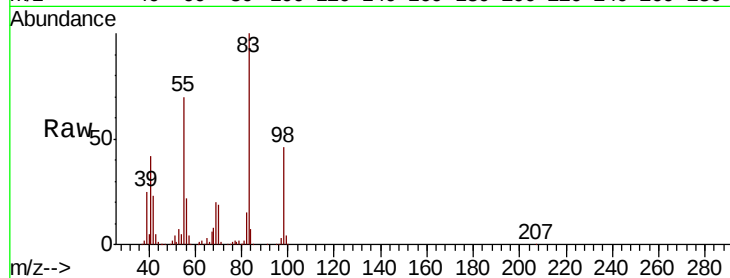
#39
Methvlcvclohexane
Concen: 18.567 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	59.8	89.6
98	46.0	37.1	55.7

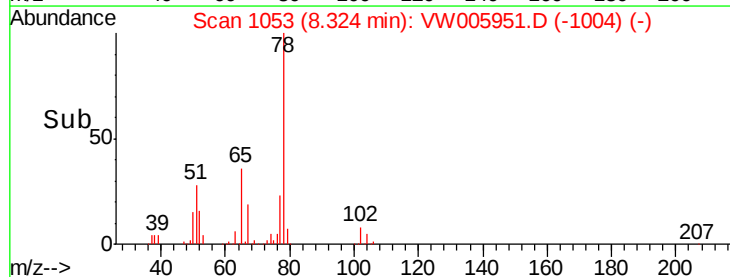
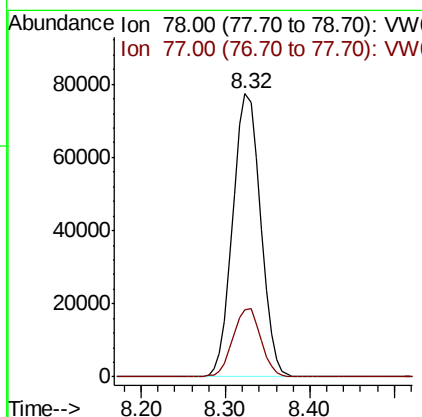
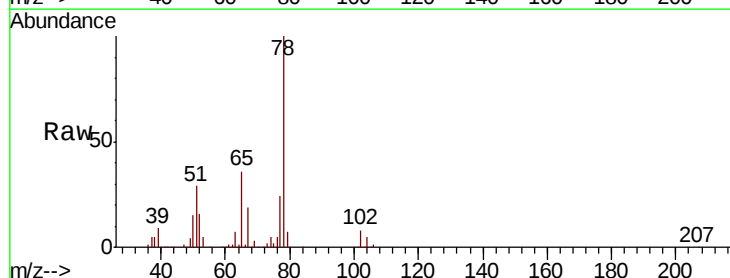
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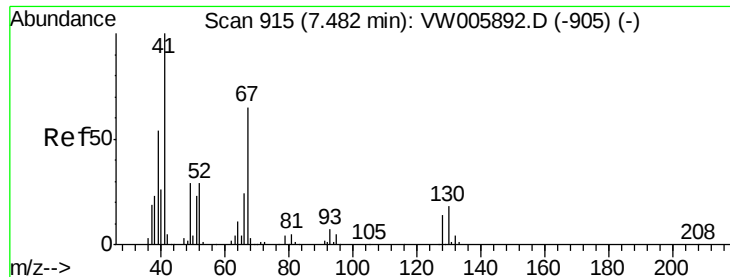
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#40
Benzene
Concen: 19.680 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





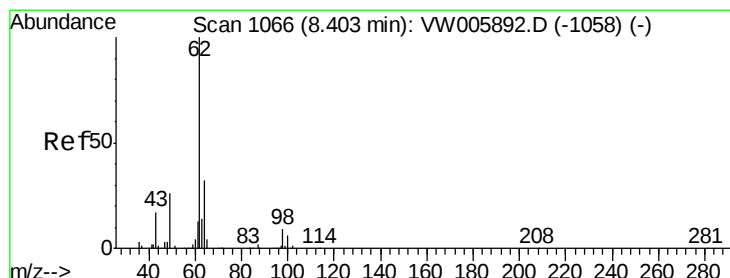
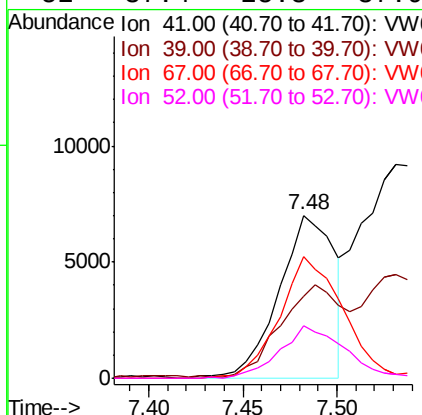
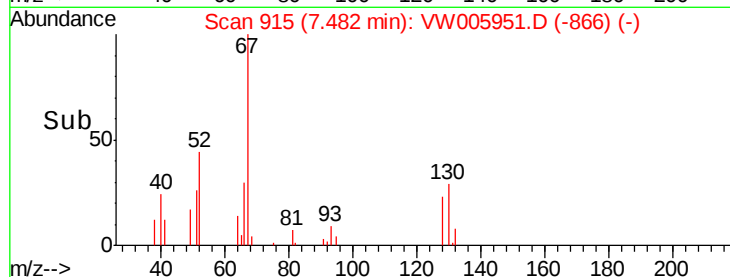
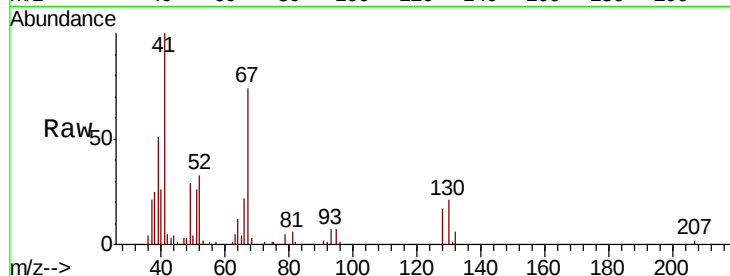
#41
Methacrylonitrile
Concen: 16.997 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion:	41	Resp:	14439
Ion	Ratio	Lower	Upper
41	100		
39	63.2	45.0	67.4
67	85.7	55.8	83.8#
52	37.4	25.3	37.9

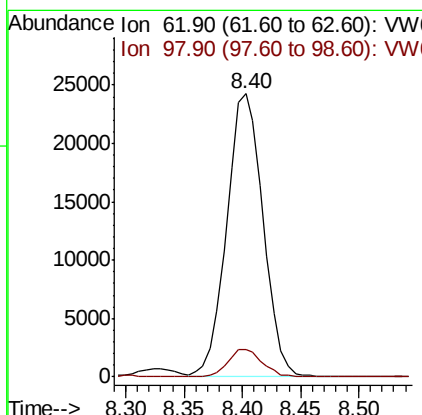
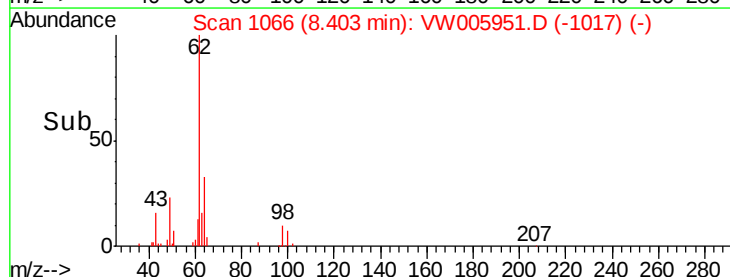
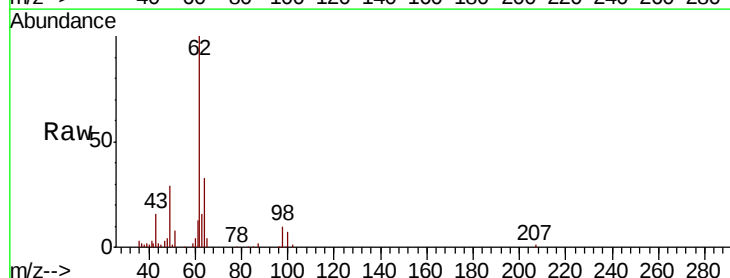
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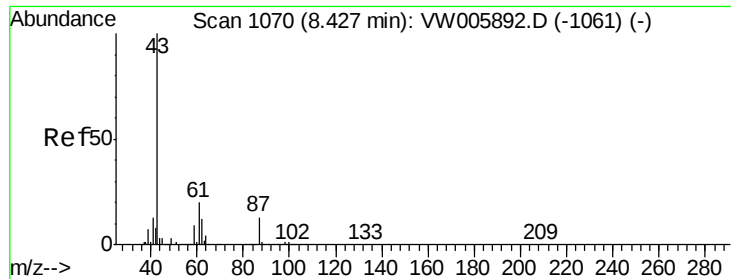
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#42
1,2-Dichloroethane
Concen: 19.868 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion:	62	Resp:	52639
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 19.281 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

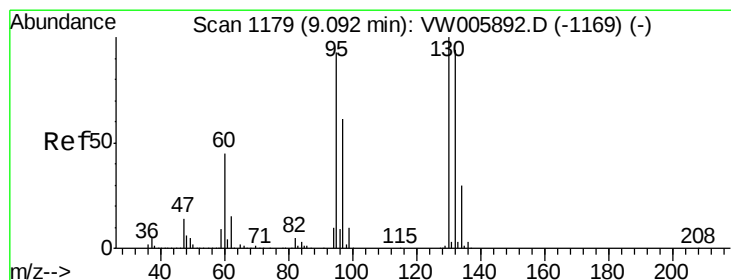
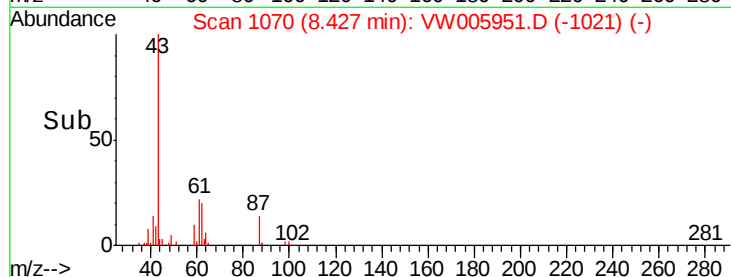
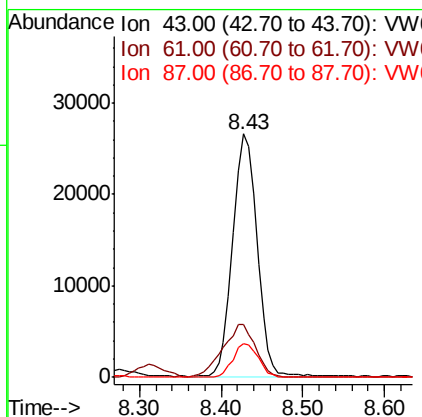
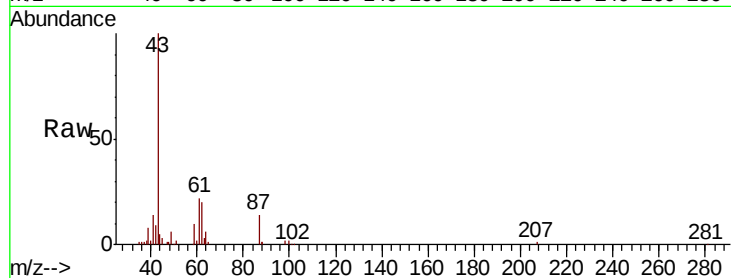
ClientSampleId :

VW1010SBSD01

Tot Ion:	43	Resp:	54649
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.1	34.7
87	14.3	10.7	16.1

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#44

Trichloroethene

Concen: 20.447 ug/l

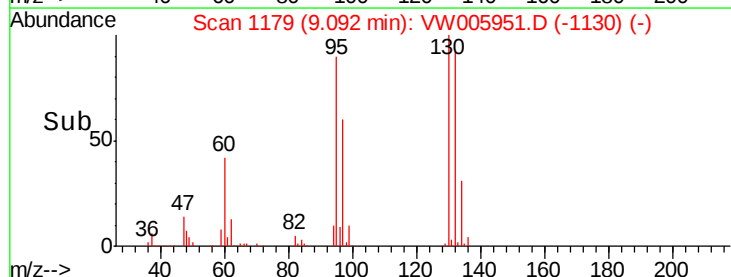
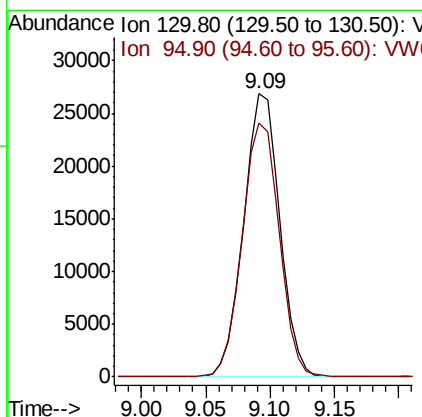
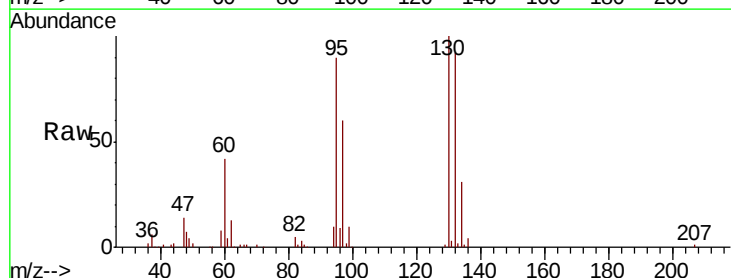
RT: 9.09 min Scan# 1179

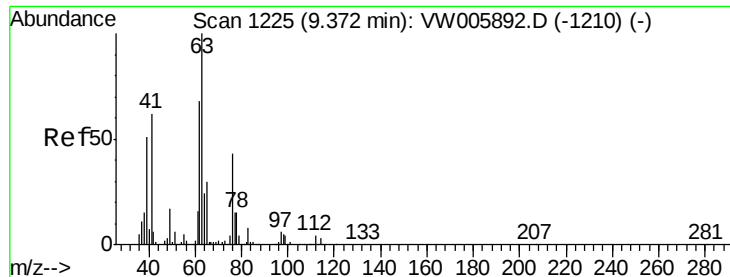
Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion:	130	Resp:	52025
Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.331 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 63 Resp: 42435

Ion Ratio Lower Upper

63 100

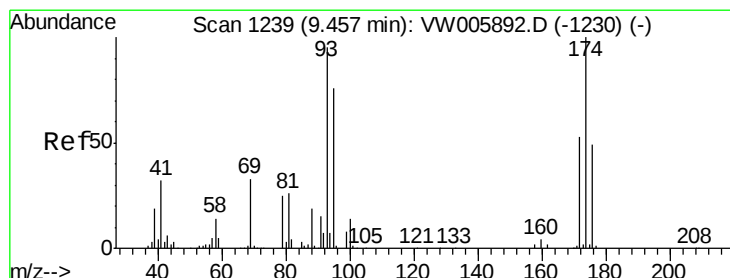
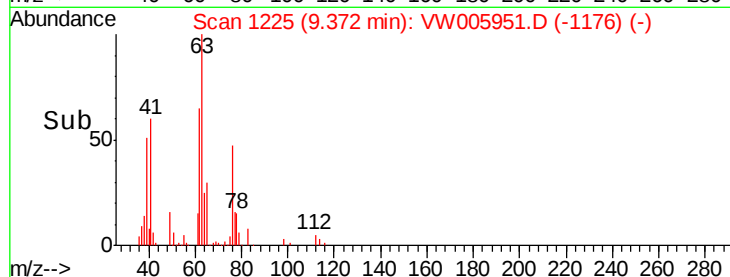
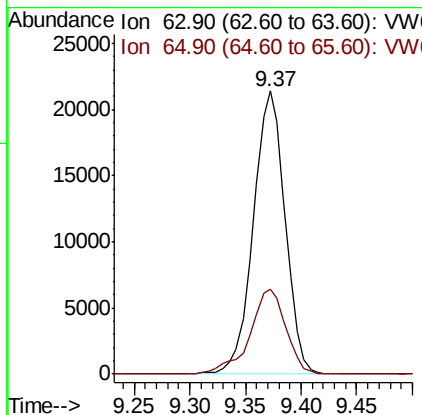
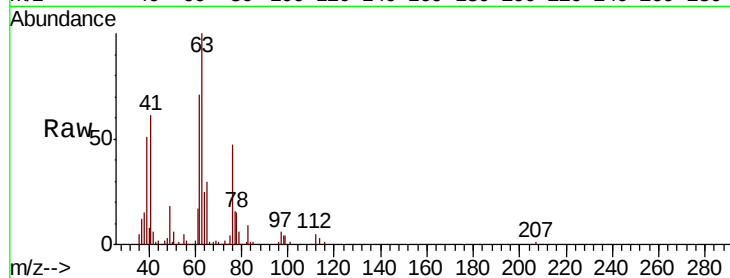
65 30.1 24.3 36.5

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#46

Dibromomethane

Concen: 20.559 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

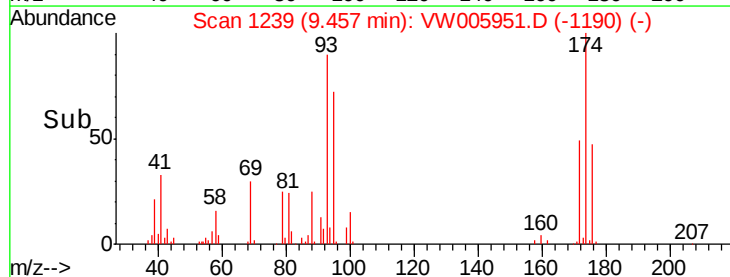
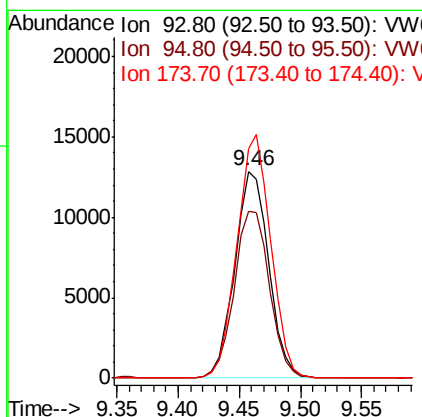
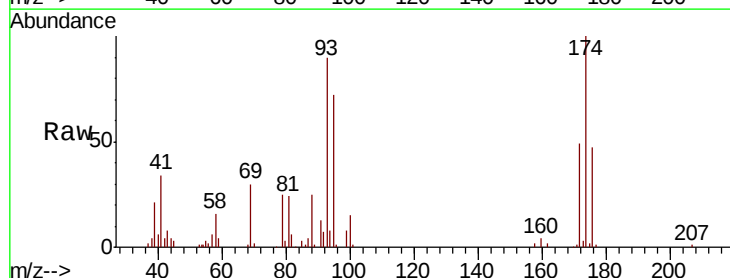
Tgt Ion: 93 Resp: 24803

Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 117.0 90.4 135.6





#47

Bromodichloromethane

Concen: 19.273 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

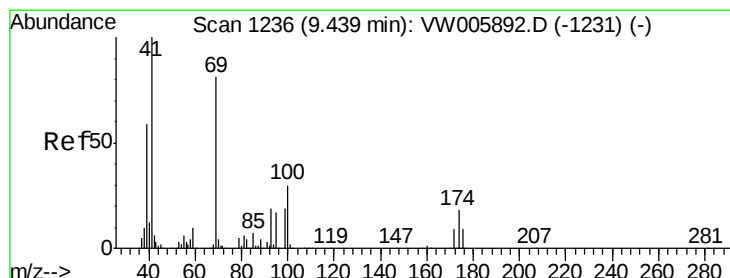
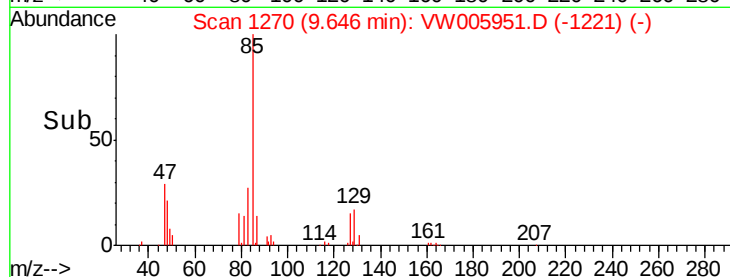
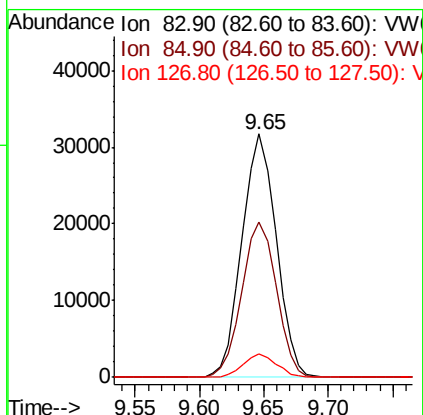
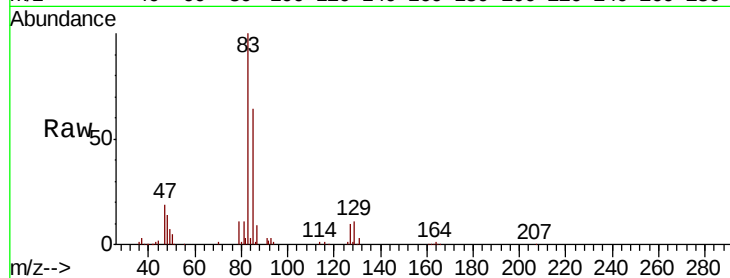
ClientSampleId :

VW1010SBSD01

Tot Ion:	83	Resp:	58512
Ion Ratio	Lower	Upper	
83	100		
85	63.7	53.0	79.6
127	9.6	7.4	11.0

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#48

Methyl methacrylate

Concen: 18.810 ug/l

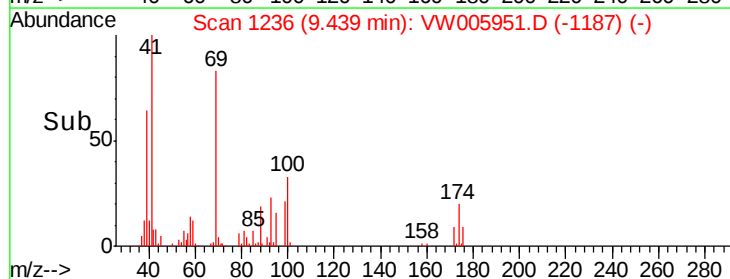
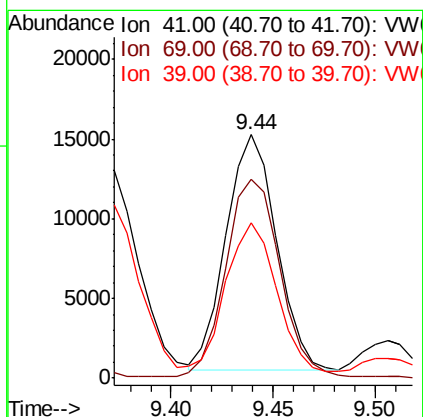
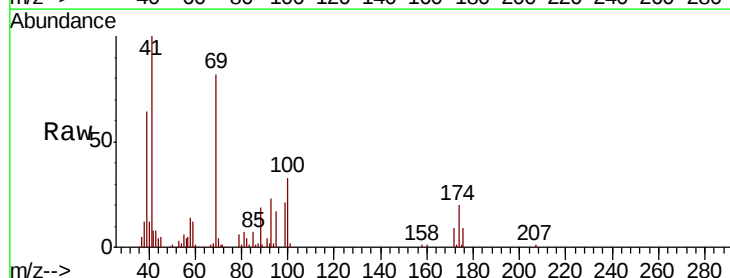
RT: 9.44 min Scan# 1236

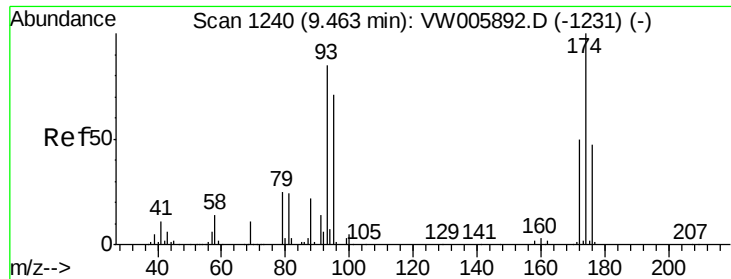
Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion:	41	Resp:	25397
Ion Ratio	Lower	Upper	
41	100		
69	92.1	68.7	103.1
39	69.3	50.0	75.0





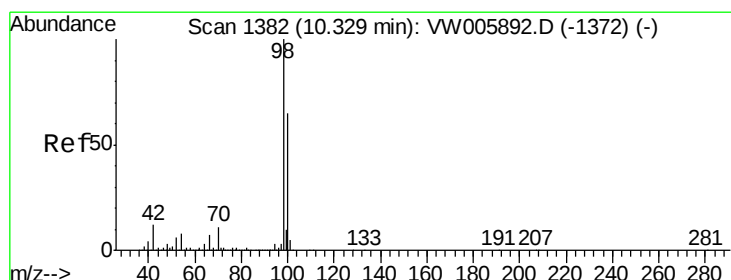
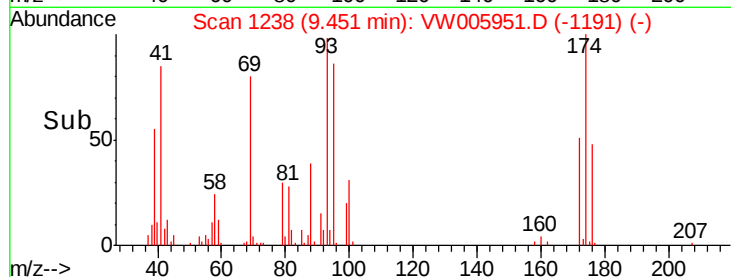
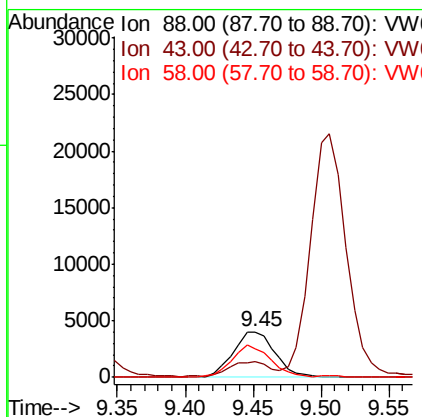
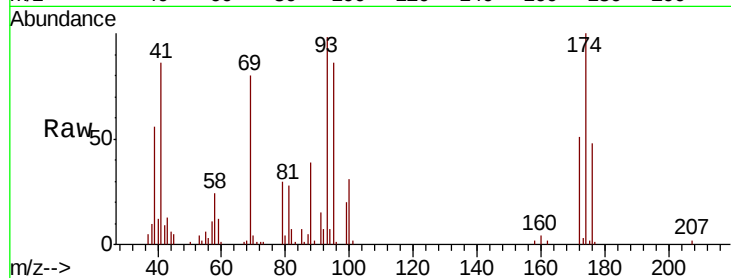
#49
1,4-Dioxane
Concen: 471.254 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion: 88 Resp: 8636
Ion Ratio Lower Upper
88 100
43 30.7 0.0 0.0#
58 65.9 57.7 86.5

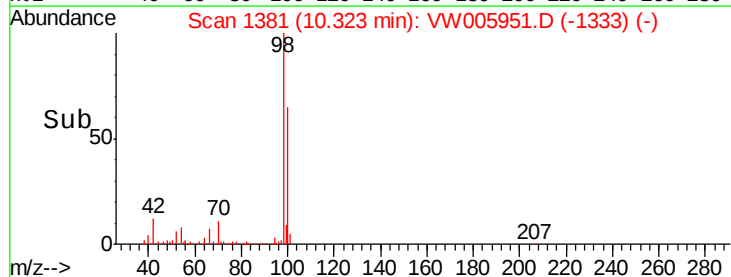
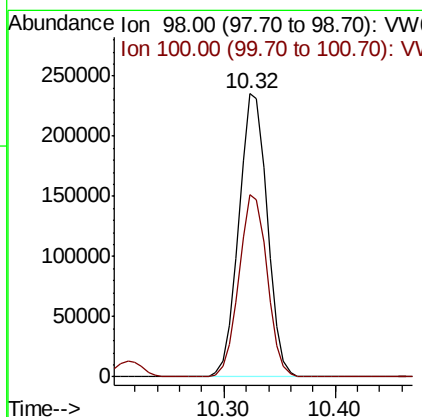
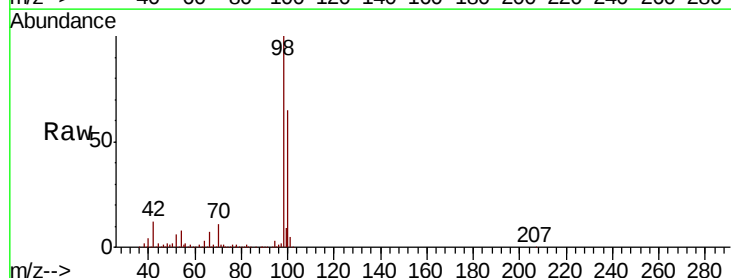
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#50
Toluene-d8
Concen: 50.739 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion: 98 Resp: 416773
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 100.935 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 43 Resp: 139314

Ion Ratio Lower Upper

43 100

58 39.5

30.2

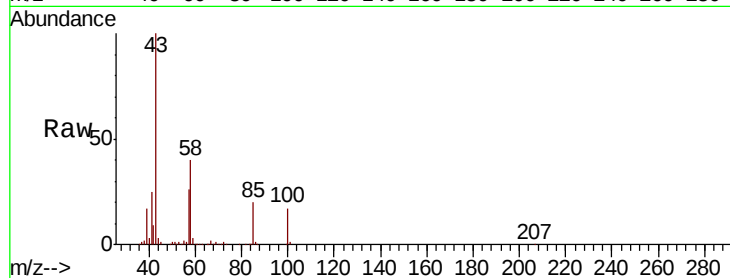
45.4

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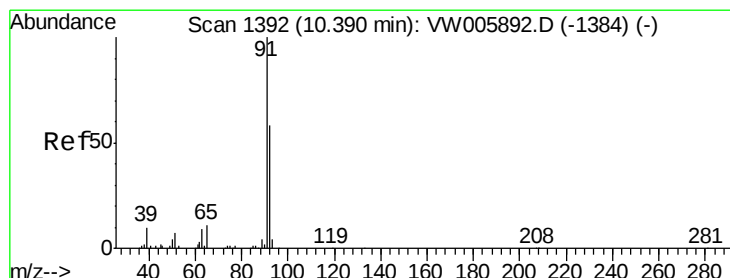
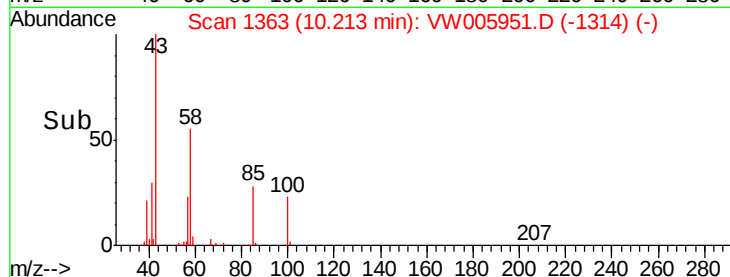
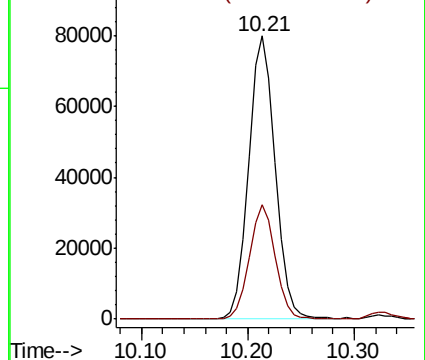
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.862 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion: 92 Resp: 114427

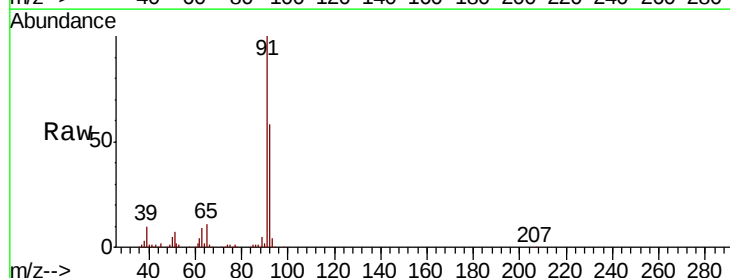
Ion Ratio Lower Upper

92 100

91 175.0

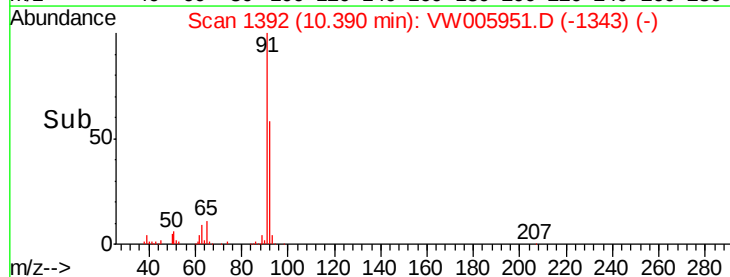
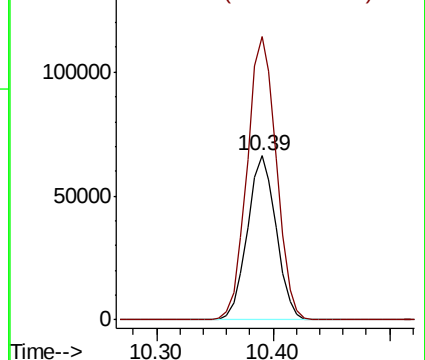
138.2

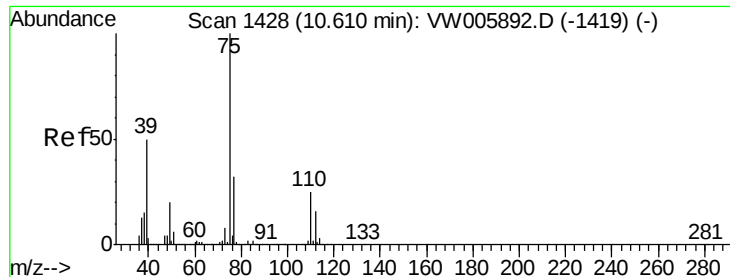
207.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





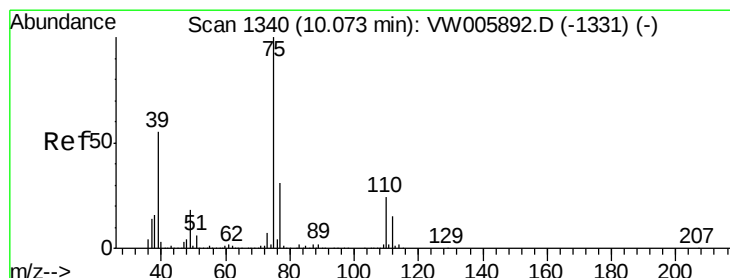
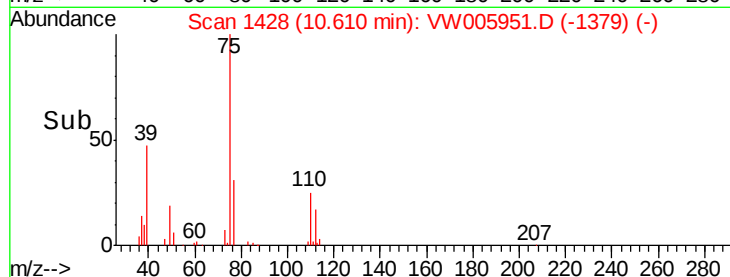
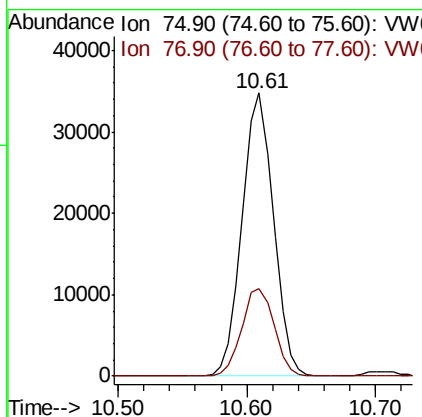
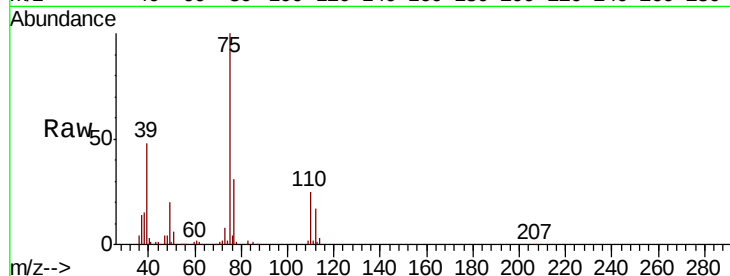
#53
 t-1,3-Dichloropropene
 Concen: 18.451 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2

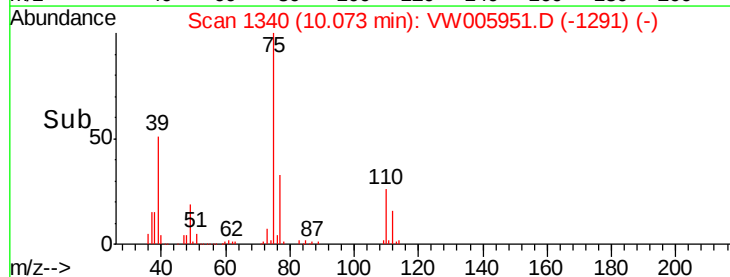
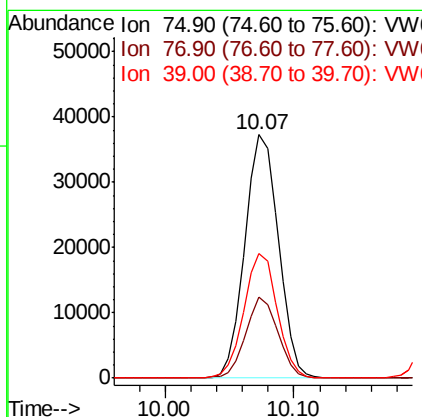
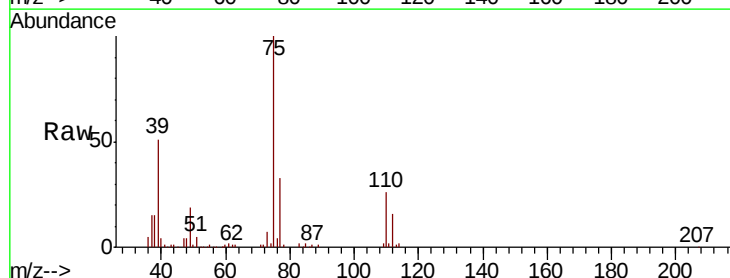
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#54
 cis-1,3-Dichloropropene
 Concen: 18.808 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.6	37.0
39	50.8	44.2	66.4





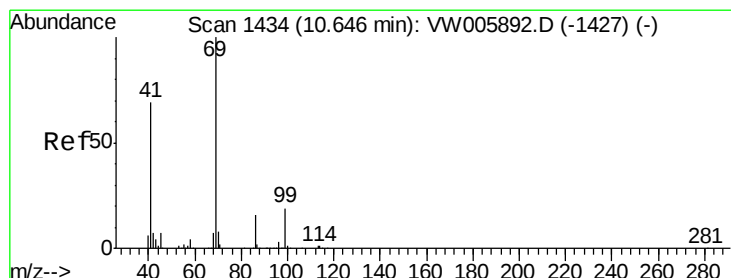
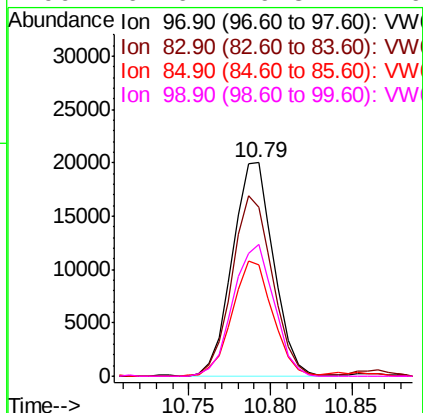
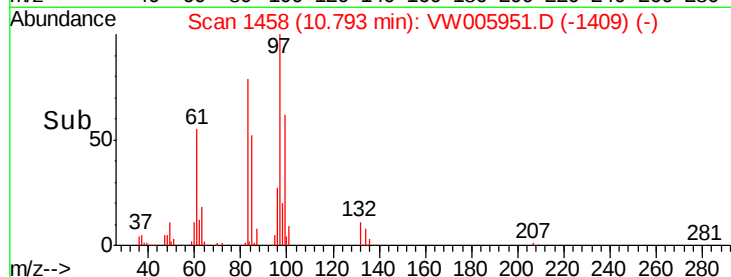
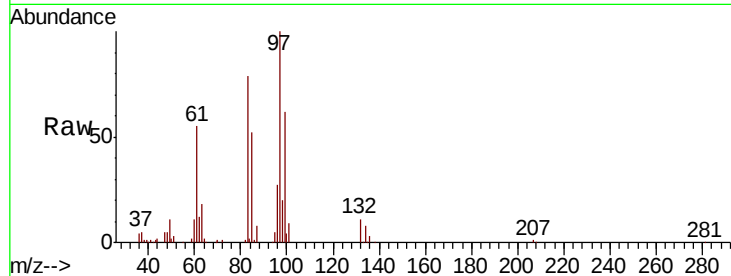
#55
 1,1,2-Trichloroethane
 Concen: 21.111 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion:	97	Resp:	35277
Ion	Ratio	Lower	Upper
97	100		
83	79.0	66.9	100.3
85	51.8	43.4	65.0
99	61.6	49.8	74.6

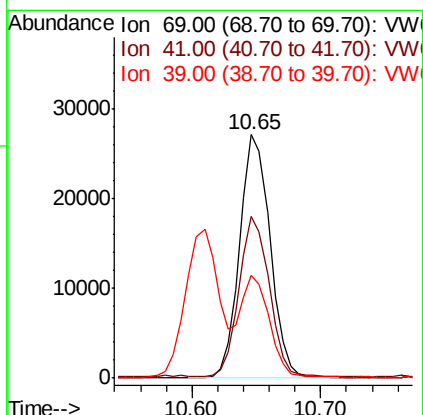
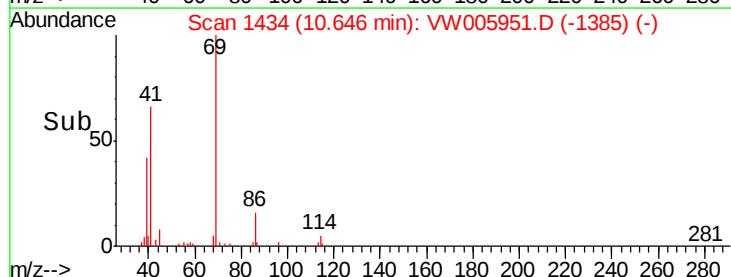
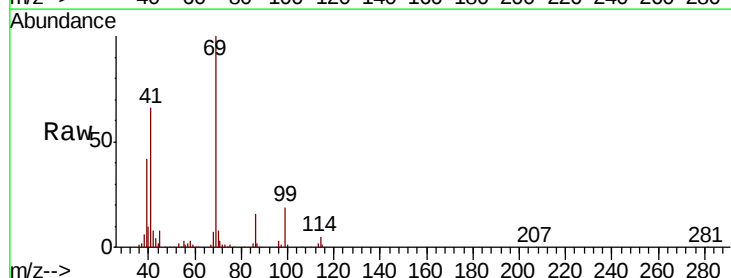
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#56
 Ethyl methacrylate
 Concen: 19.799 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion:	69	Resp:	44591
Ion	Ratio	Lower	Upper
69	100		
41	65.2	56.0	84.0
39	40.9	33.5	50.3





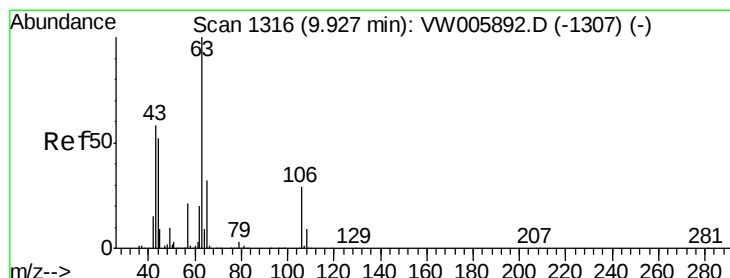
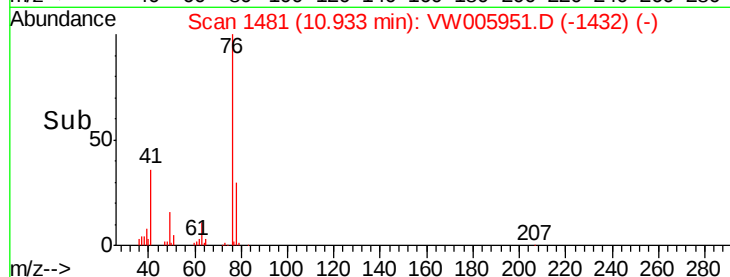
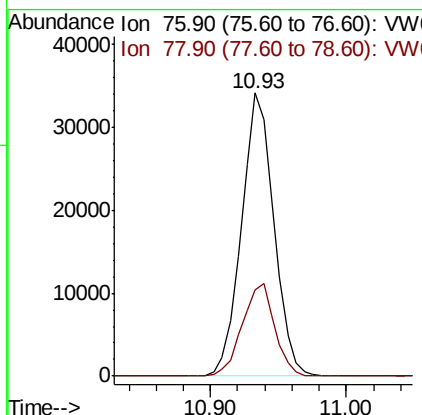
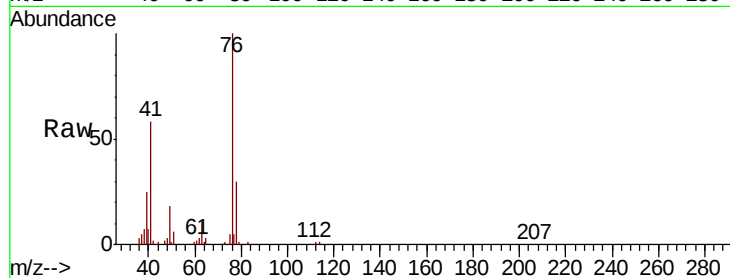
#57
 1,3-Dichloropropane
 Concen: 20.192 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.6

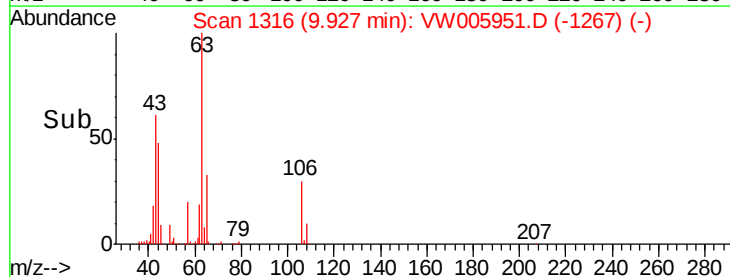
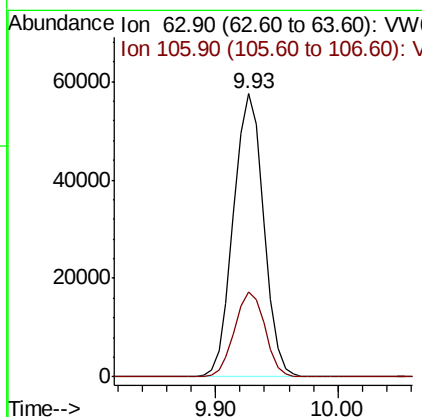
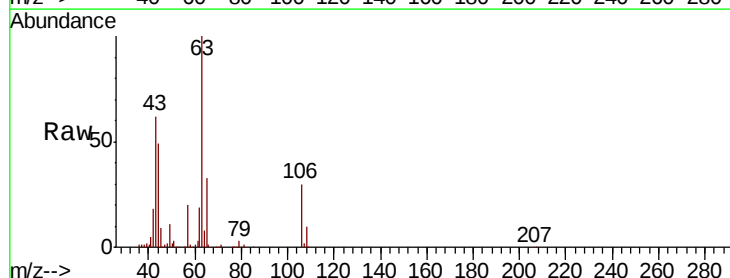
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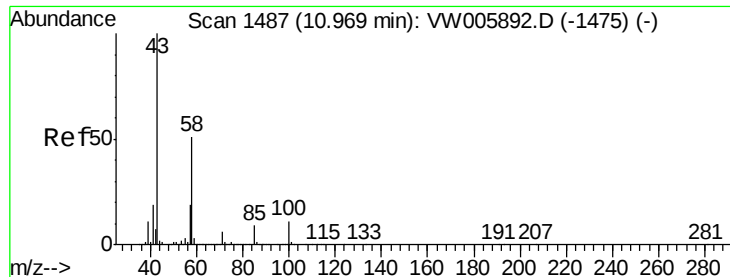
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.383 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.6	35.4





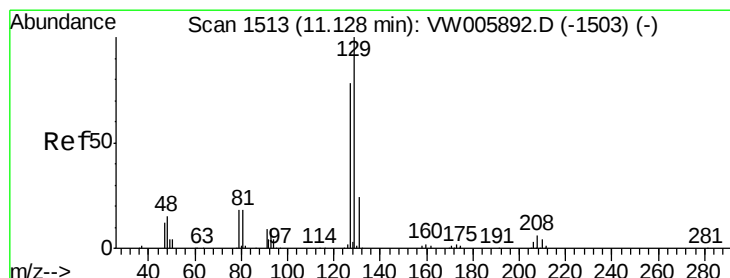
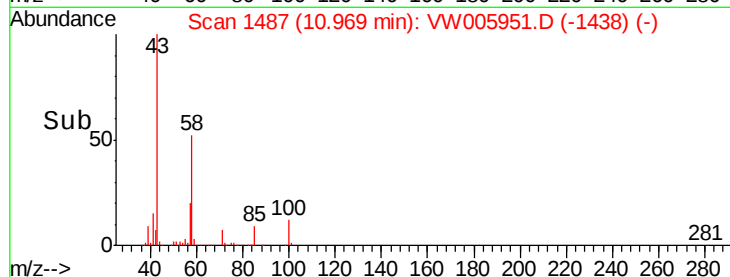
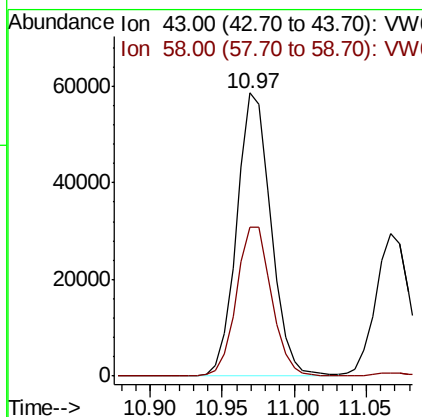
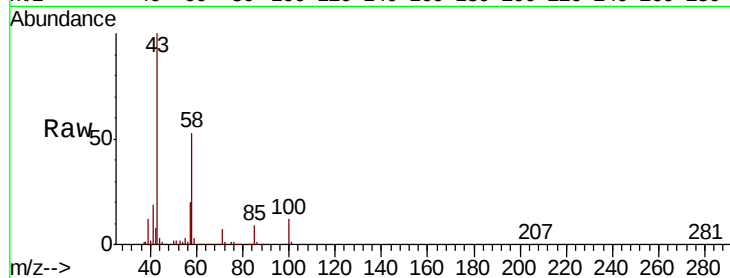
#59
2-Hexanone
Concen: 97.148 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion: 43 Resp: 96143
Ion Ratio Lower Upper
43 100
58 54.3 25.7 77.1

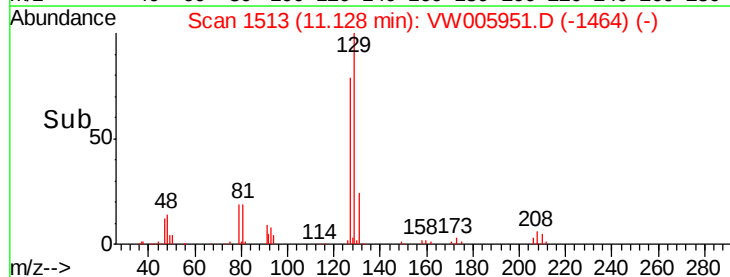
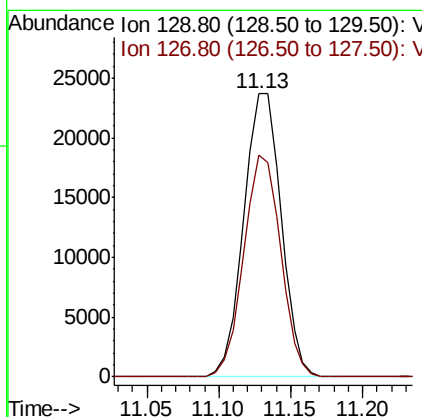
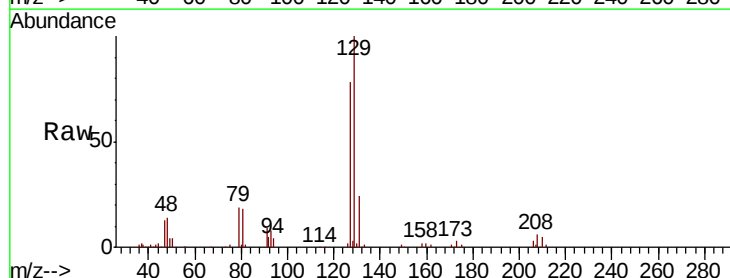
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#60
Dibromochloromethane
Concen: 19.849 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion: 129 Resp: 42801
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





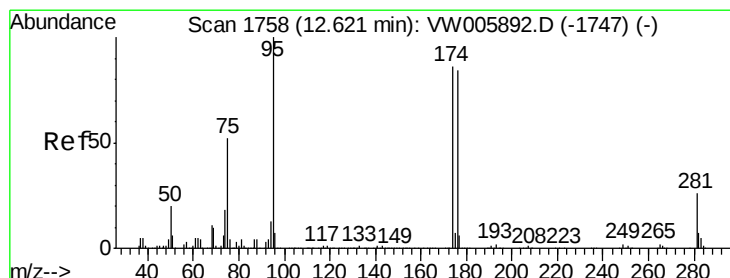
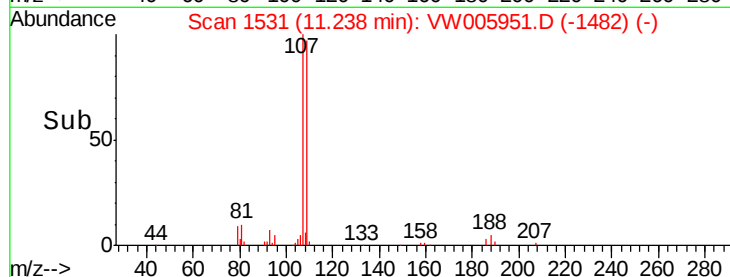
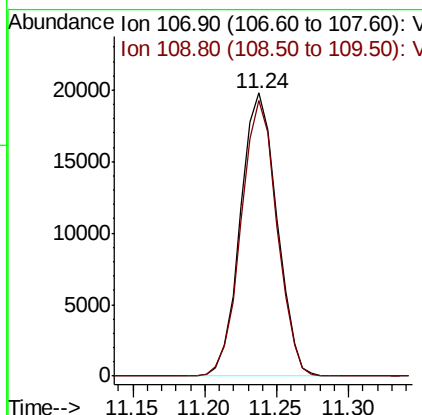
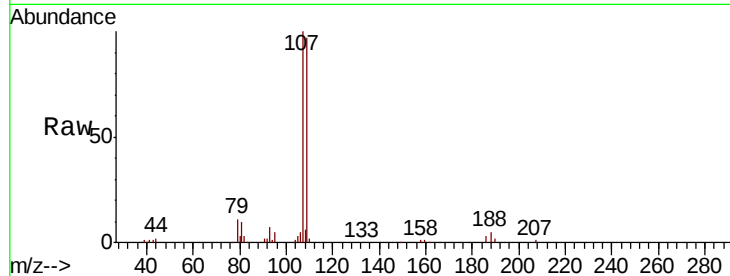
#61
 1,2-Dibromoethane
 Concen: 20.855 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion: 107 Resp: 34823
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.8 113.8

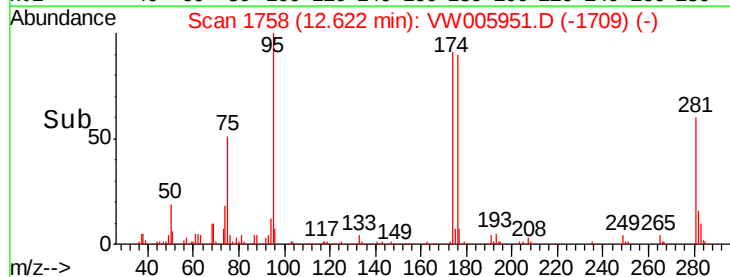
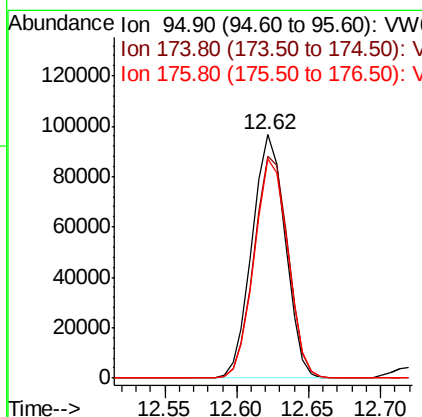
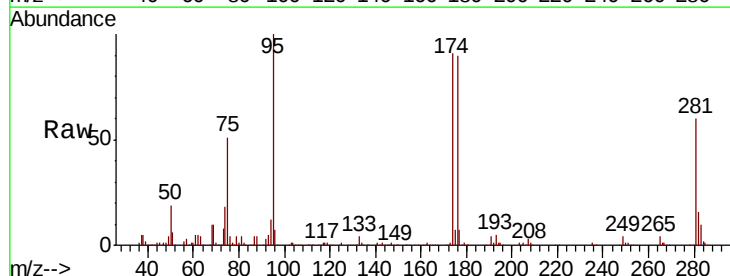
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#62
 4-Bromofluorobenzene
 Concen: 49.380 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion: 95 Resp: 154320
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 176.4
 176 91.3 0.0 173.0





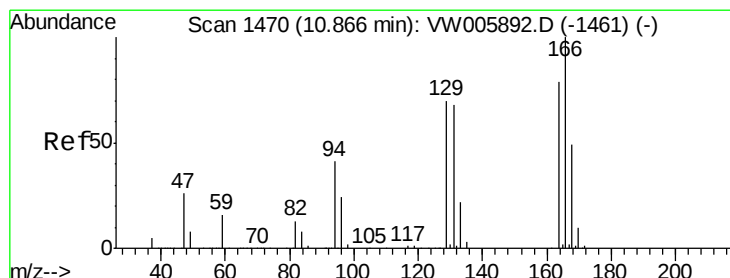
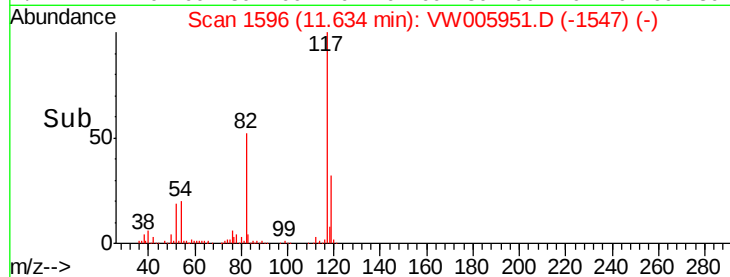
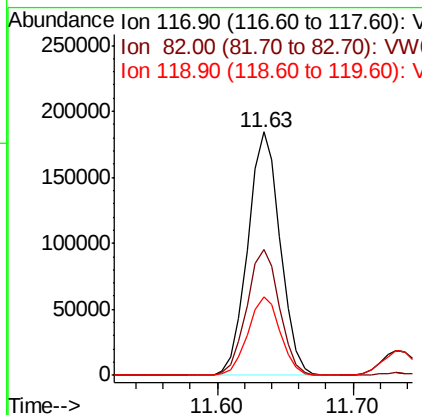
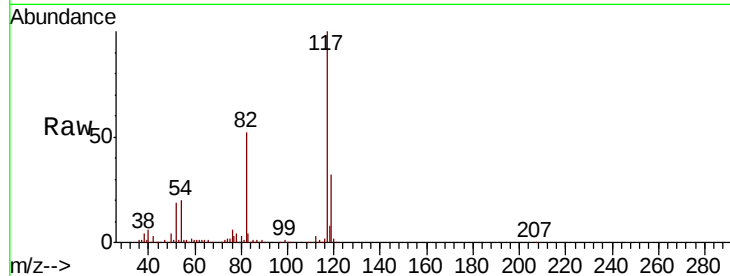
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.5	65.3
119	32.3	25.4	38.2

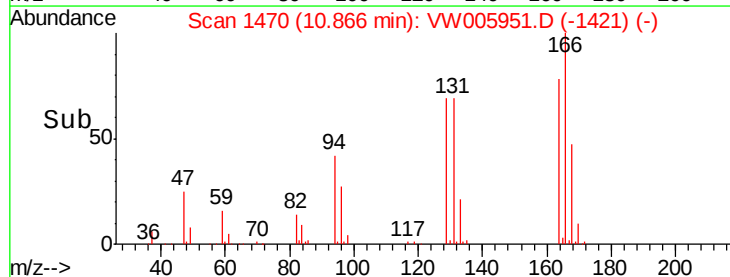
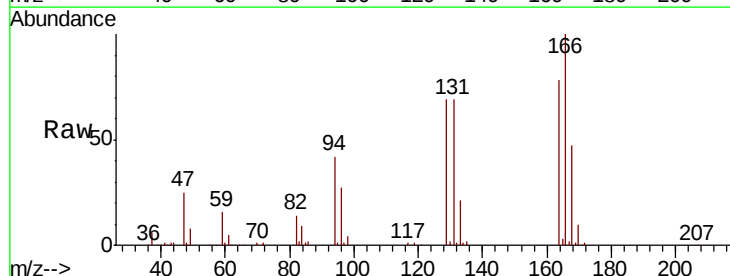
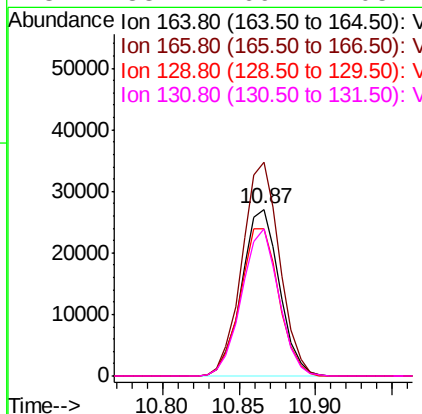
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.217 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.5	152.3
129	88.2	71.1	106.7
131	88.4	69.1	103.7





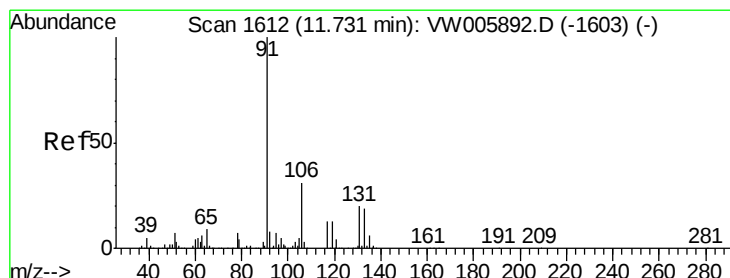
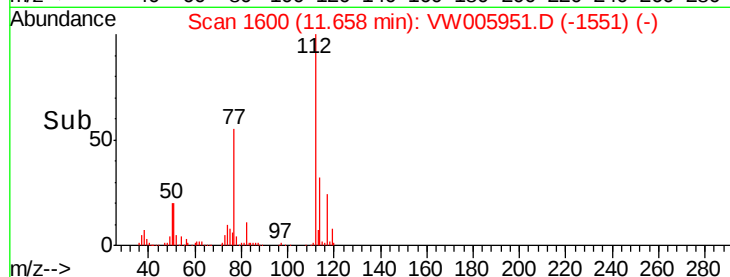
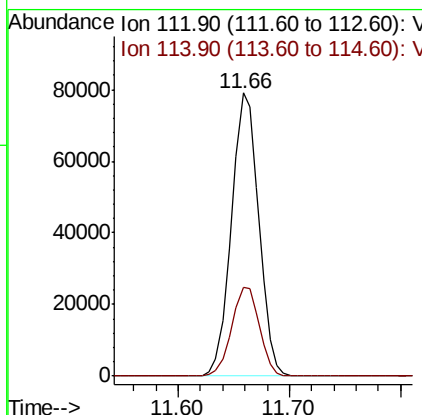
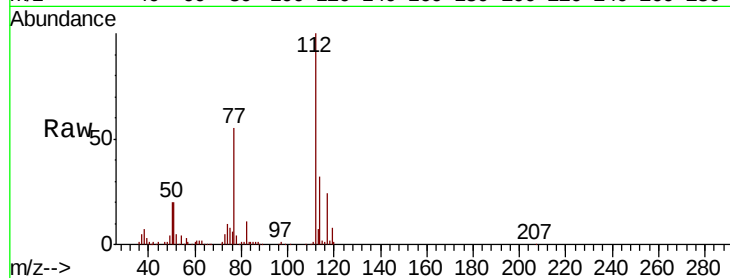
#65
Chlorobenzene
Concen: 20.364 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.6	38.4

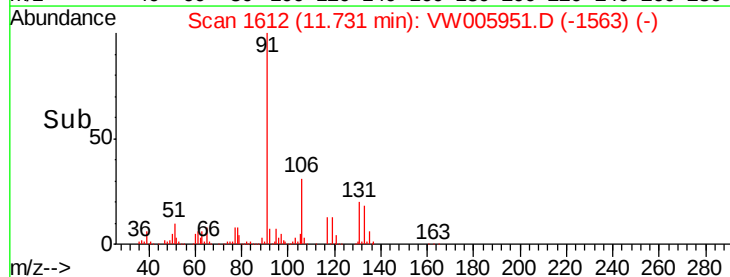
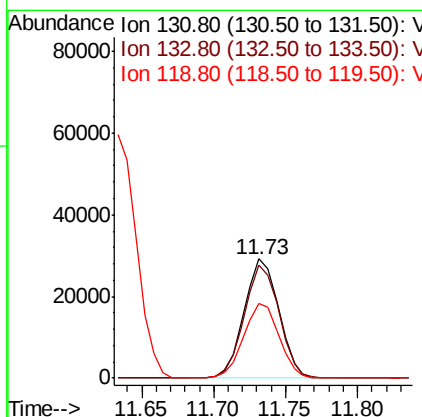
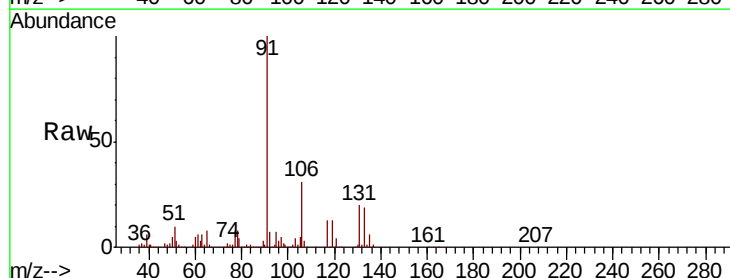
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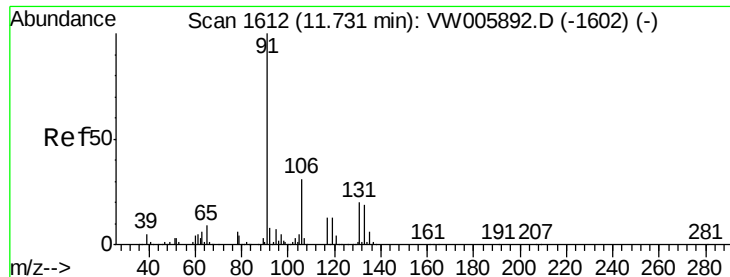
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.114 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.2	144.6
119	64.3	32.5	97.5





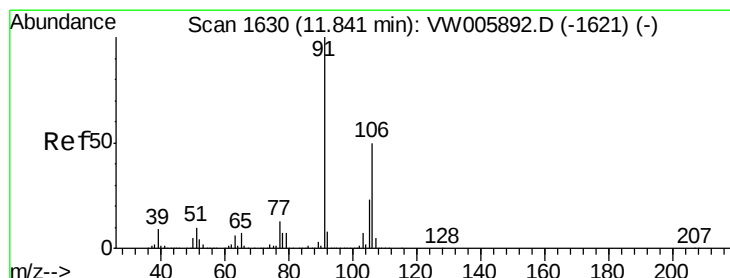
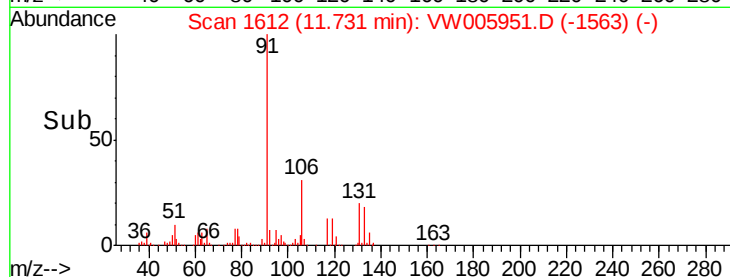
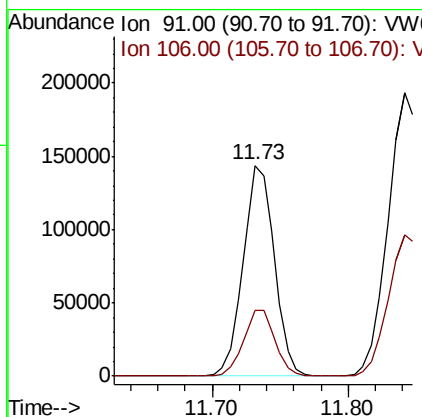
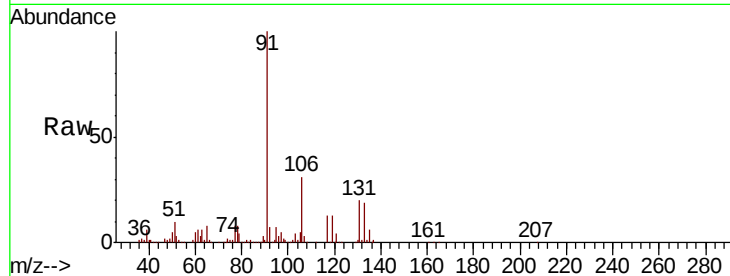
#67
Ethyl Benzene
Concen: 19.881 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion: 91 Resp: 231129
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6

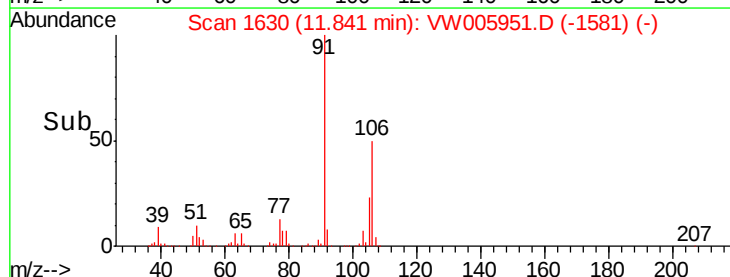
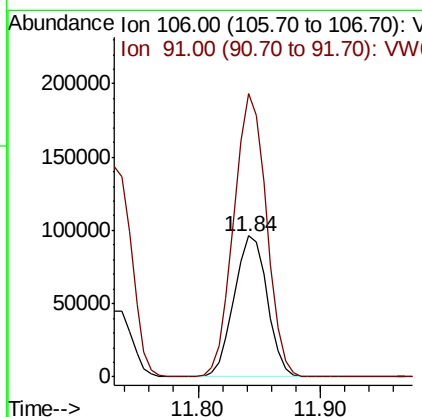
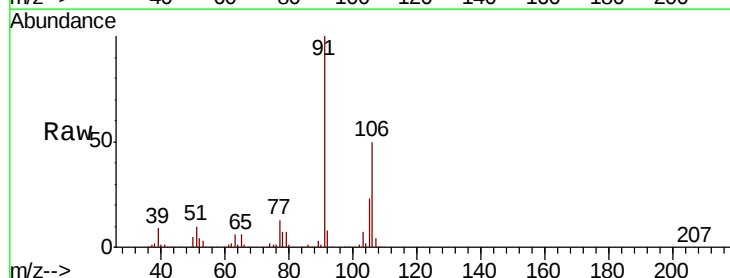
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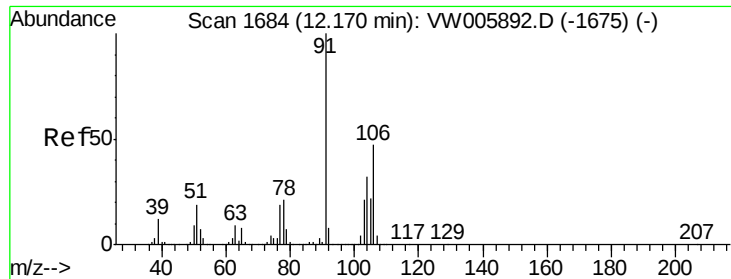
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#68
m/p-Xylenes
Concen: 39.758 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion: 106 Resp: 180632
Ion Ratio Lower Upper
106 100
91 197.9 160.2 240.2





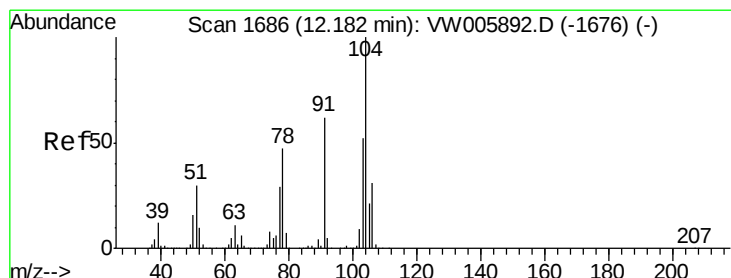
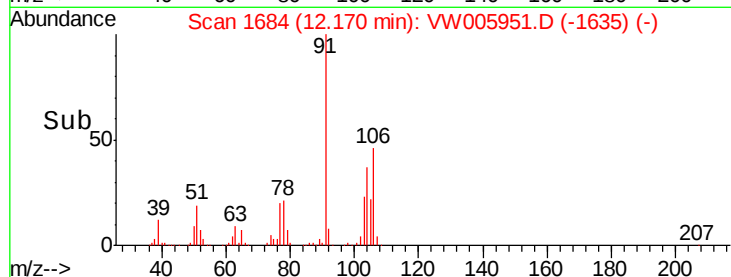
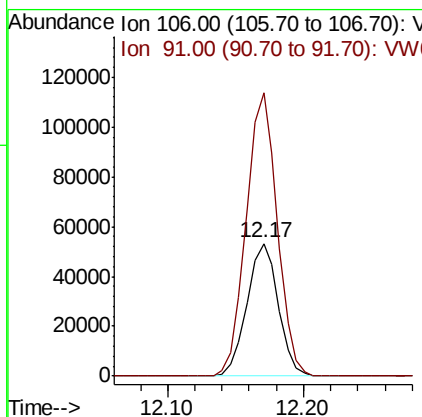
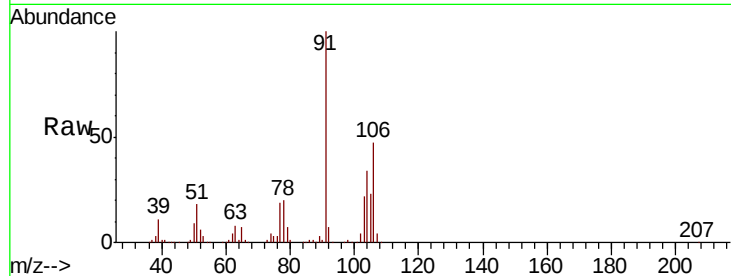
#69
o-Xylene
Concen: 19.687 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.9	106.2	318.5	

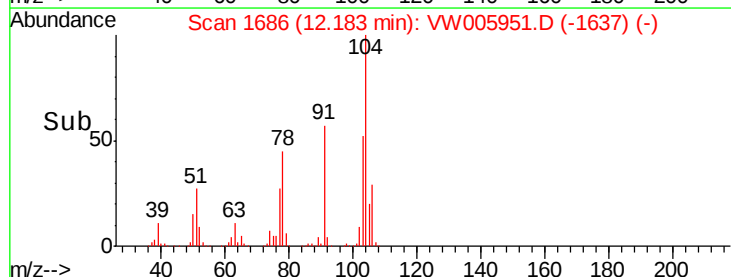
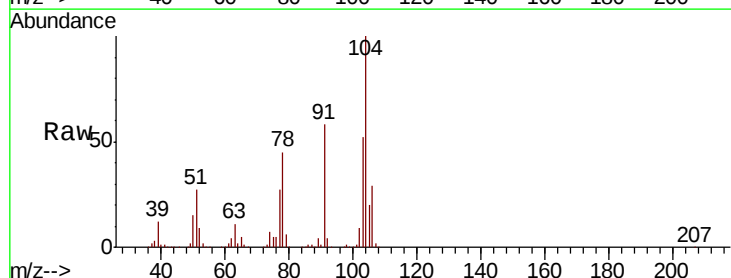
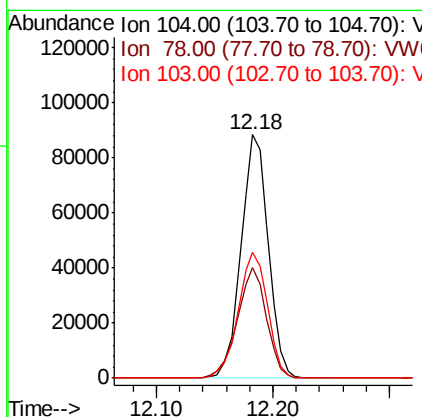
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#70
Styrene
Concen: 19.968 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.5	40.4	60.6	
103	55.7	44.2	66.2	





#71

Bromoform

Concen: 18.995 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion:173 Resp: 27297

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

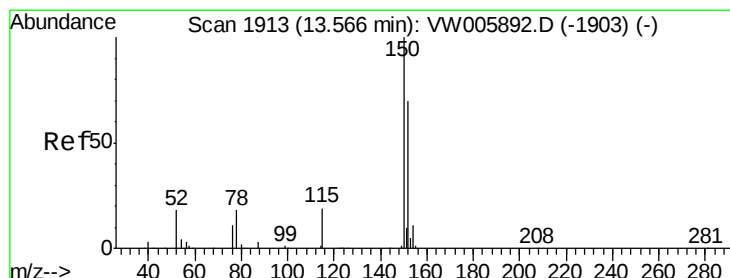
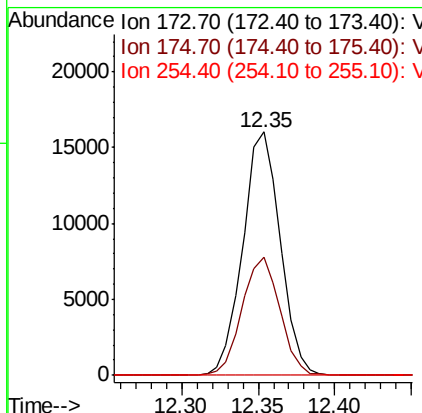
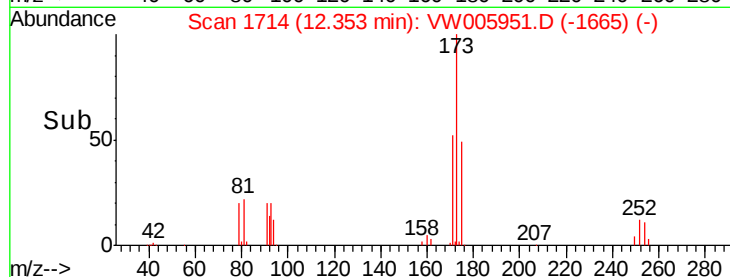
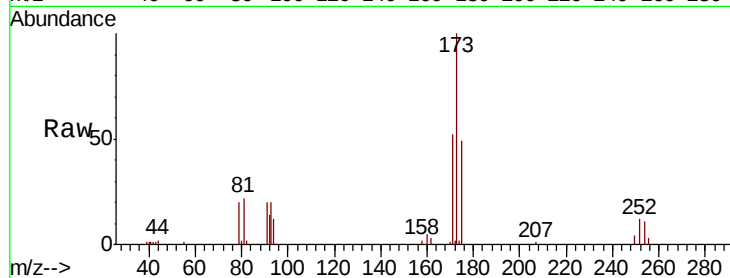
254 0.0 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

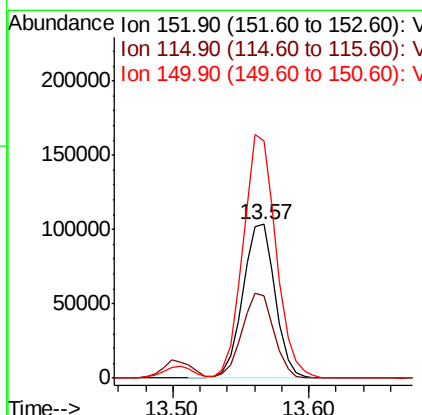
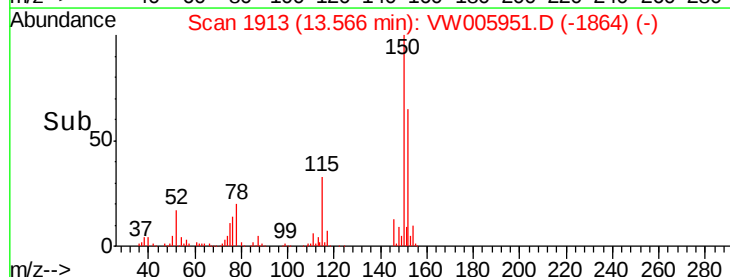
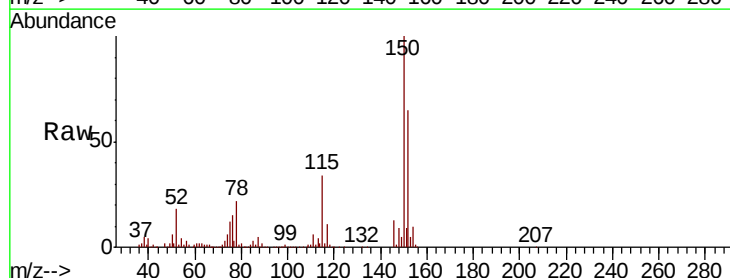
Tgt Ion:152 Resp: 171023

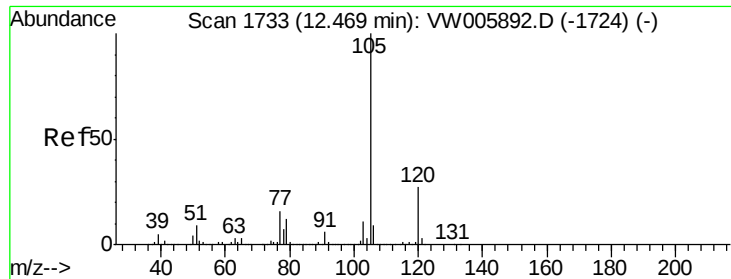
Ion Ratio Lower Upper

152 100

115 54.8 28.3 85.0

150 162.2 0.0 349.2





#73

Isopropylbenzene

Concen: 19.230 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion:105 Resp: 240183

Ion Ratio Lower Upper

105 100

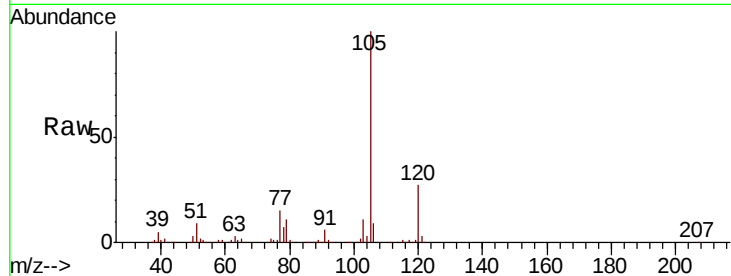
120 27.2 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

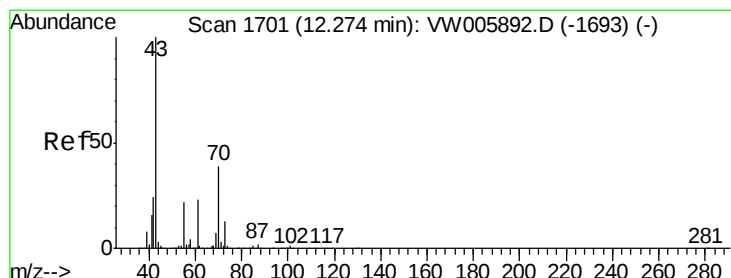
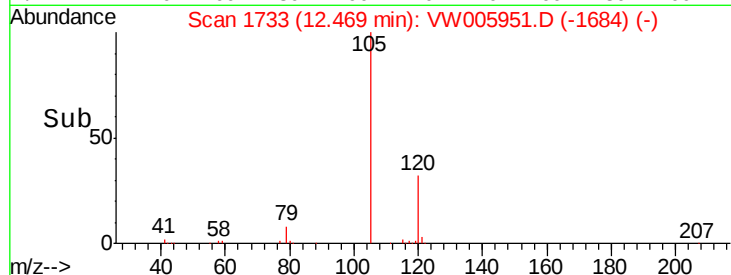
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.602 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion: 43 Resp: 55178

Ion Ratio Lower Upper

43 100

70 42.5 31.6 47.4

55 23.1 17.9 26.9

61 23.7 18.6 28.0

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

50000

40000

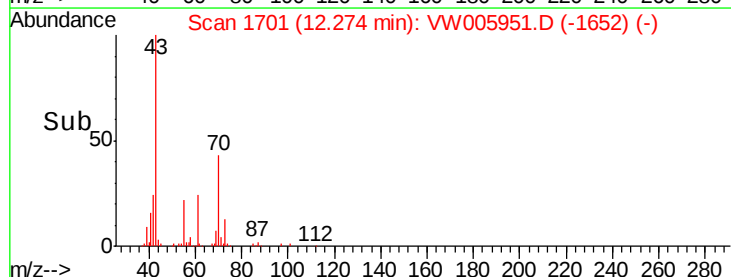
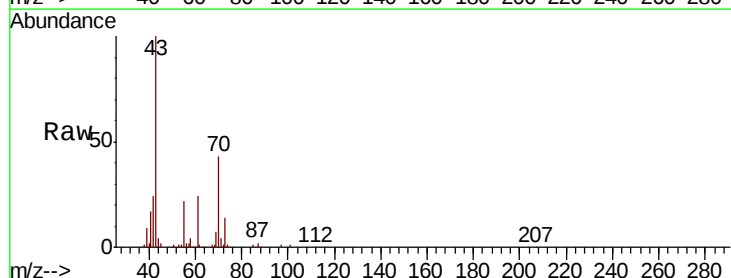
30000

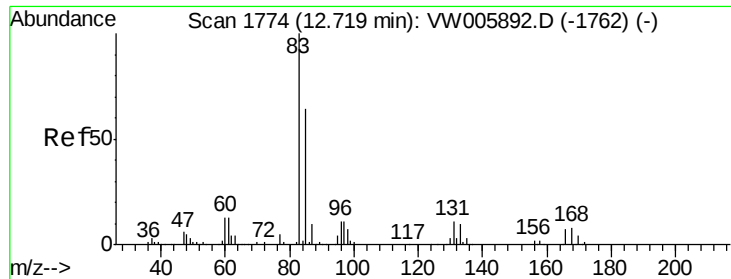
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.104 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

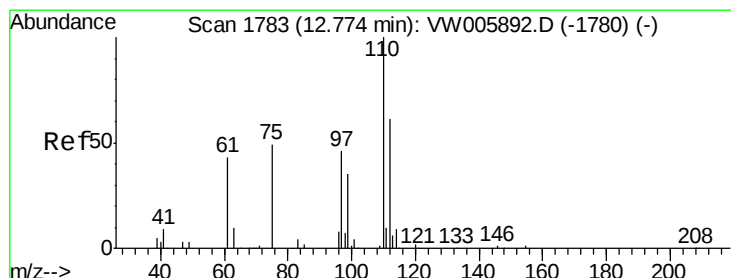
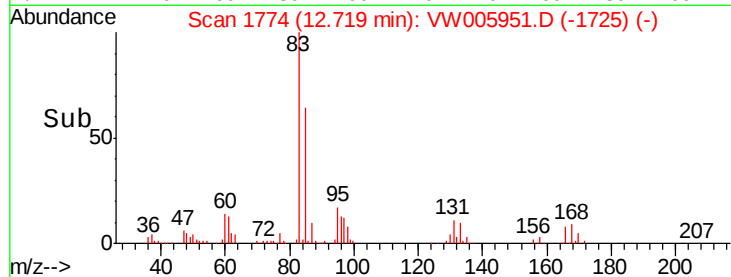
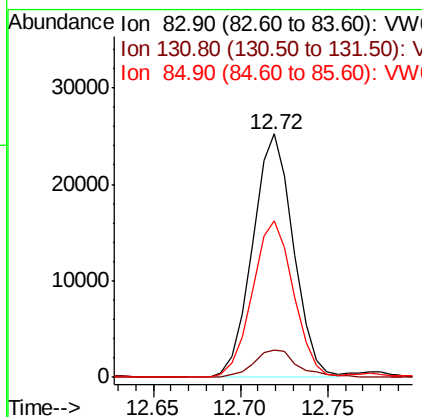
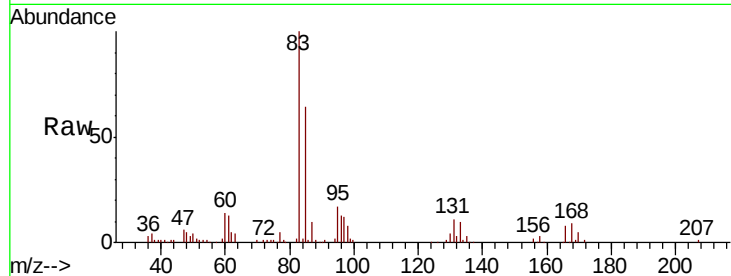
ClientSampleId :

VW1010SBSD01

Tot Ion:	83	Resp:	41156
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.8	17.3
85	64.8	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 16.753 ug/l m

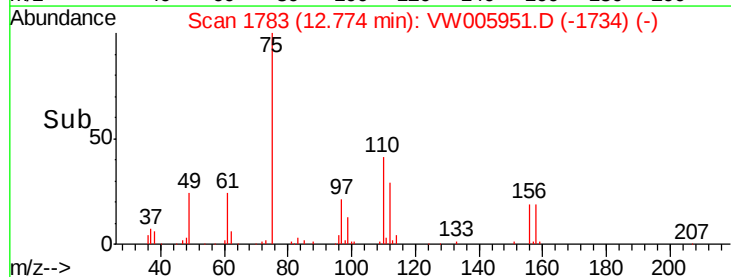
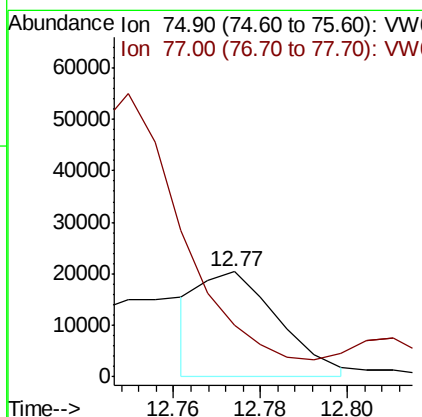
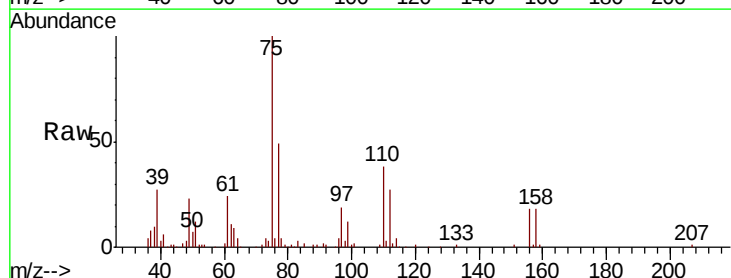
RT: 12.77 min Scan# 1783

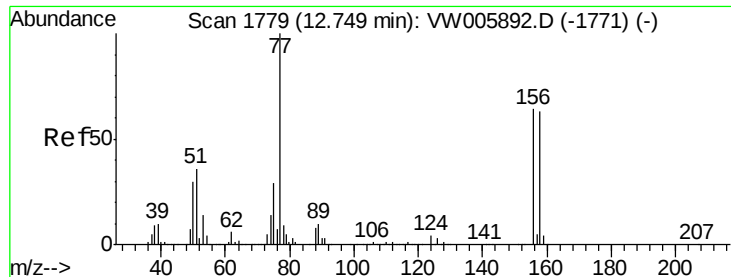
Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion:	75	Resp:	25593
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.400 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

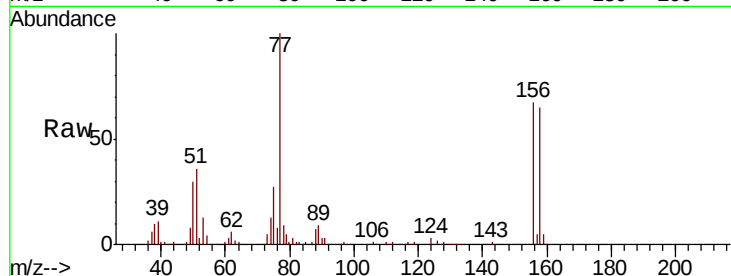
ClientSampleId :

VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.5	85.8	257.4
158	98.3	49.1	147.4

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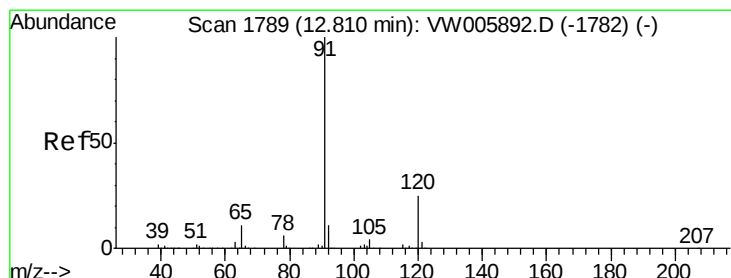
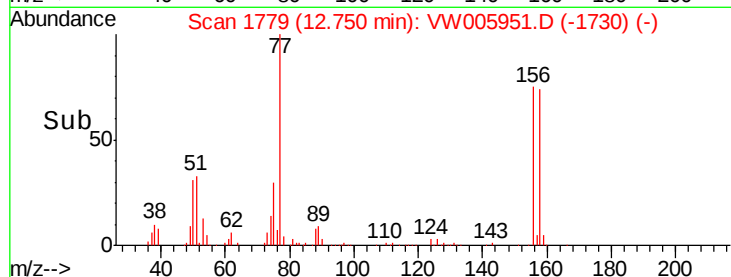
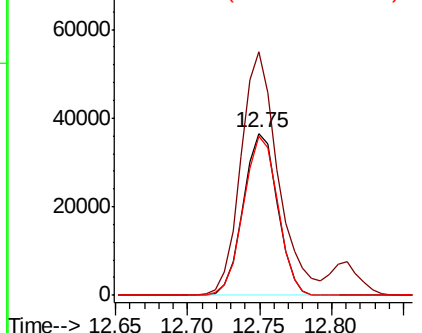
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.254 ug/l

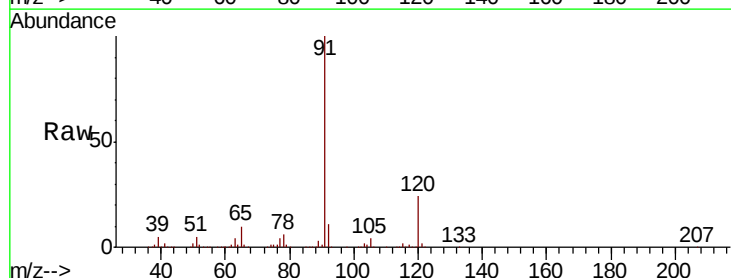
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005951.D

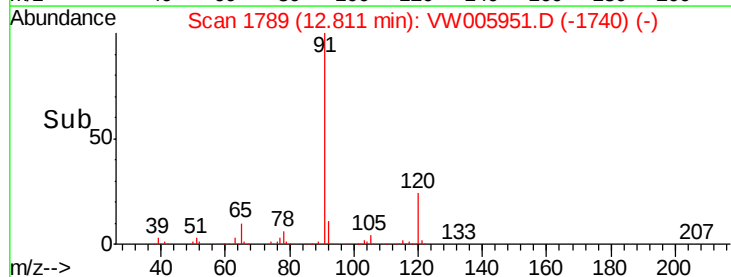
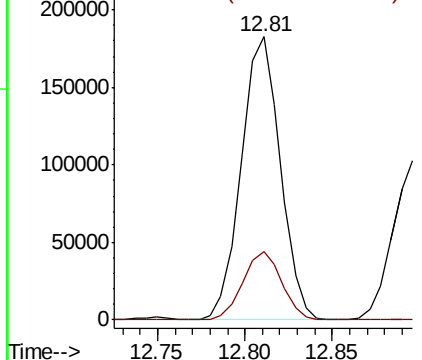
Acq: 09 Oct 2018 21:30

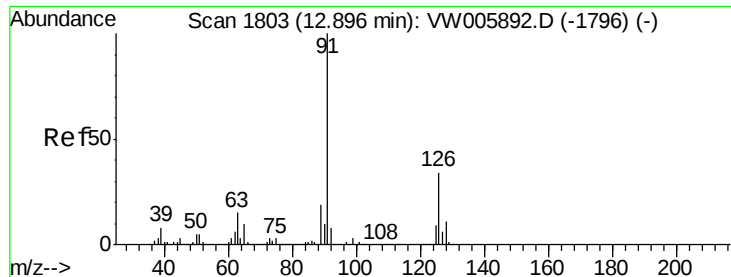
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.432 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

Tot Ion: 91 Resp: 161169

Ion Ratio Lower Upper

91 100

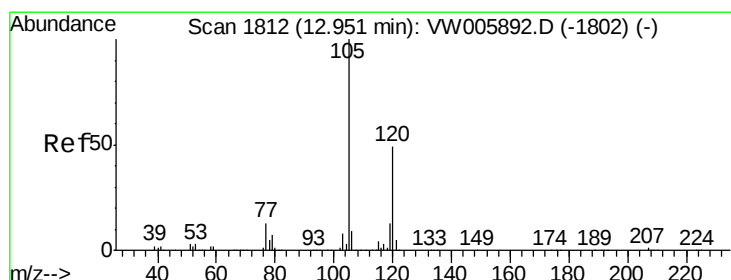
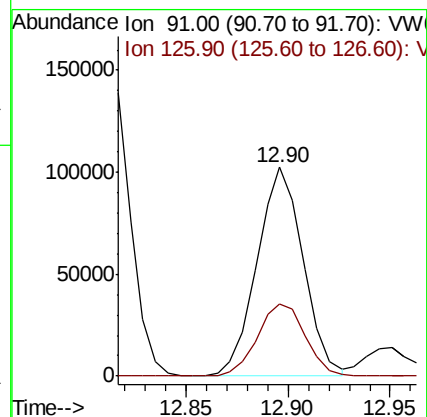
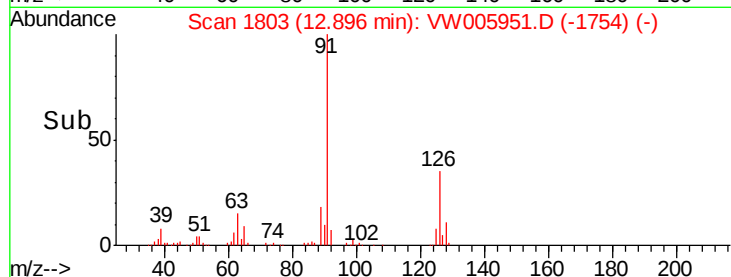
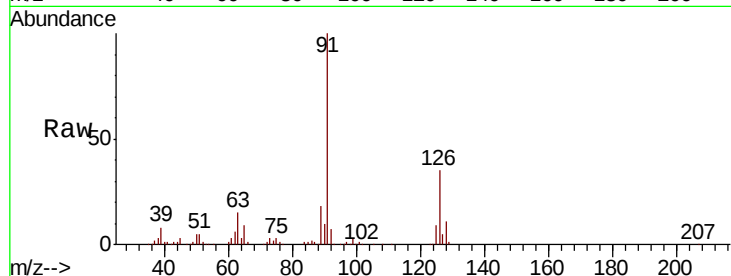
126 36.1 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.512 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005951.D

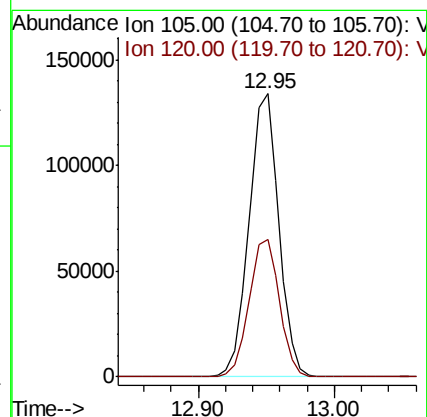
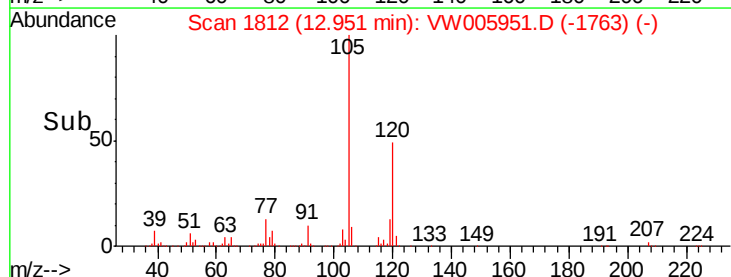
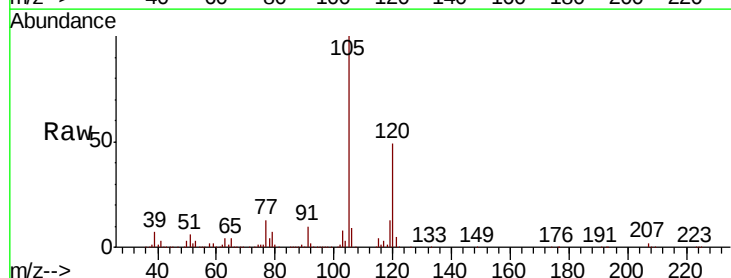
Acq: 09 Oct 2018 21:30

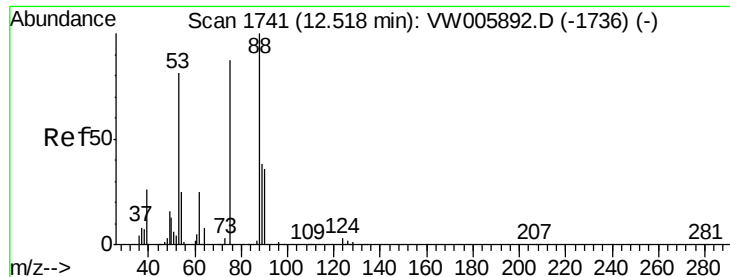
Tgt Ion:105 Resp: 205751

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8





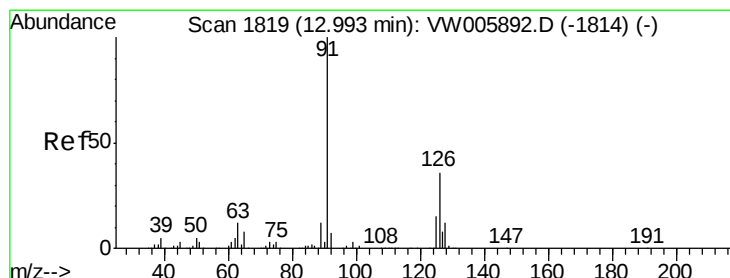
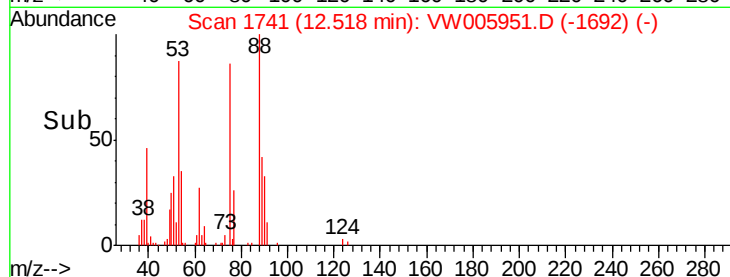
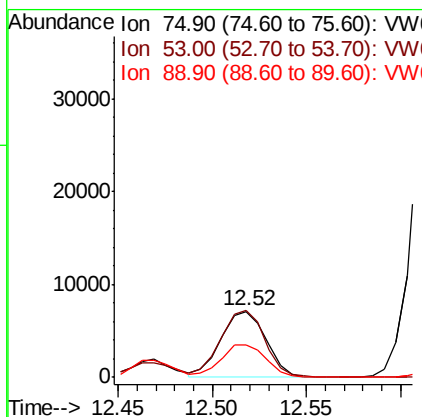
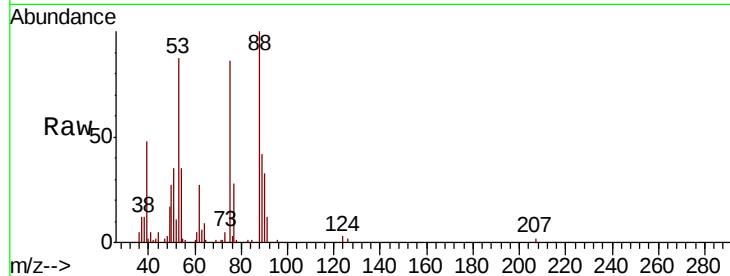
#81
trans-1,4-Dichloro-2-butene
Concen: 16.411 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	76.5	114.7
89	49.8	37.6	56.4

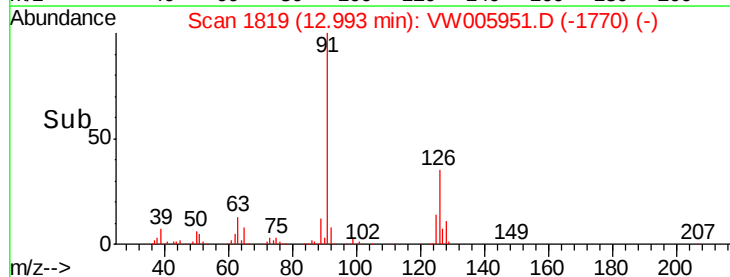
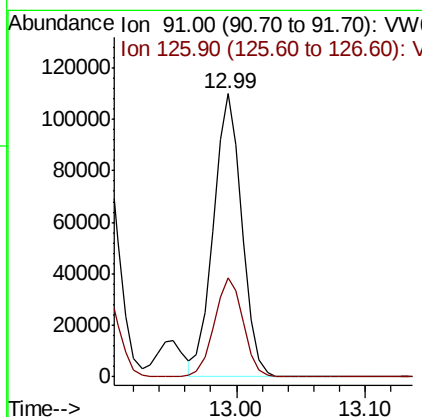
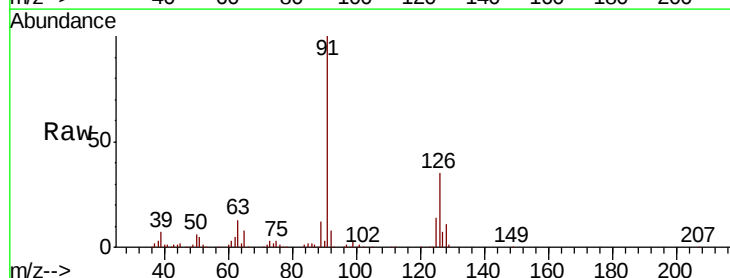
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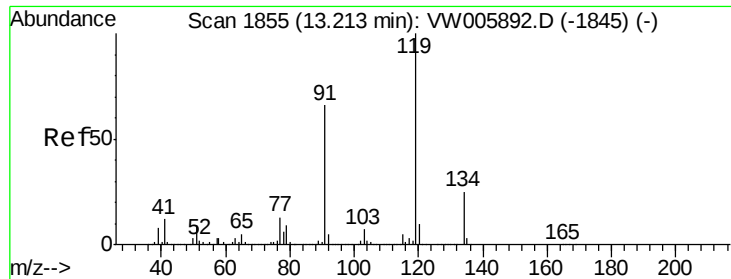
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#82
4-Chlorotoluene
Concen: 19.543 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.4	52.2





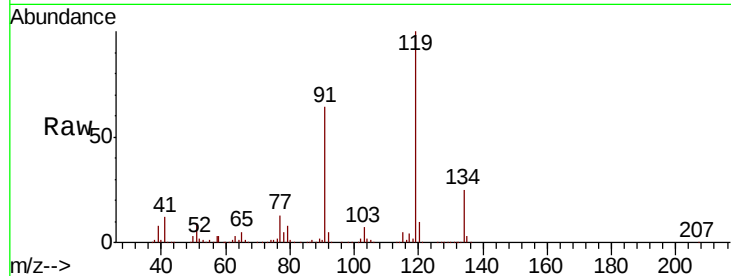
#83
tert-Butylbenzene
Concen: 19.548 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

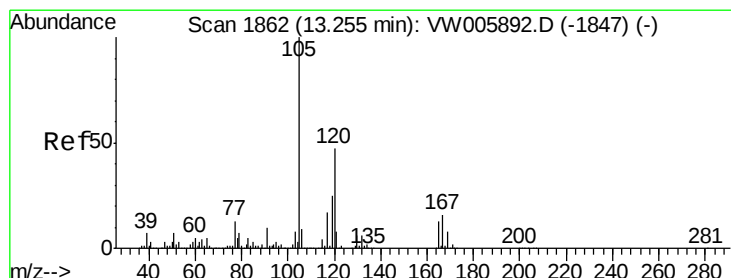
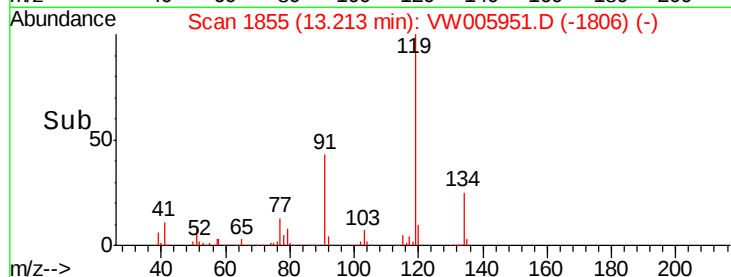
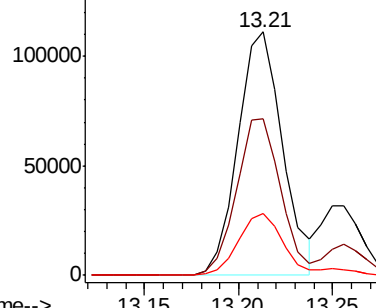
Tot Ion	Ratio	Resp	Lower	Upper
119	100	183335		
91	63.5	32.4	97.0	
134	25.2	13.2	39.6	

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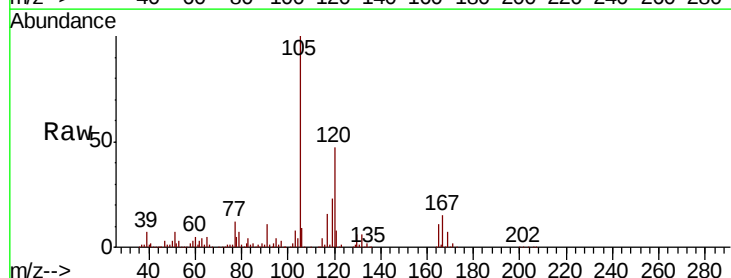


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

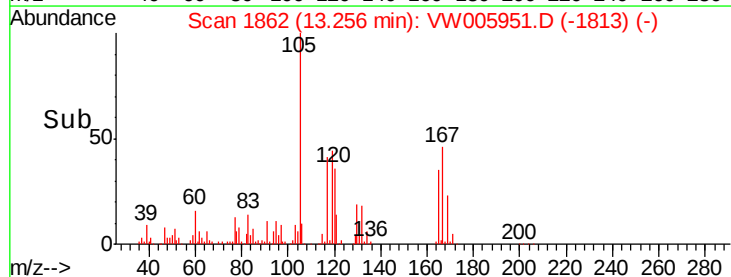
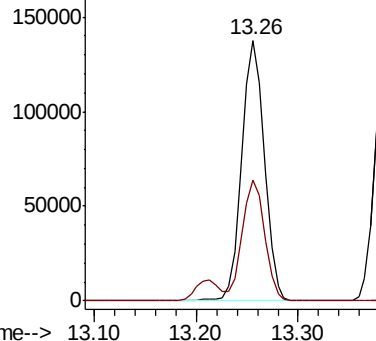


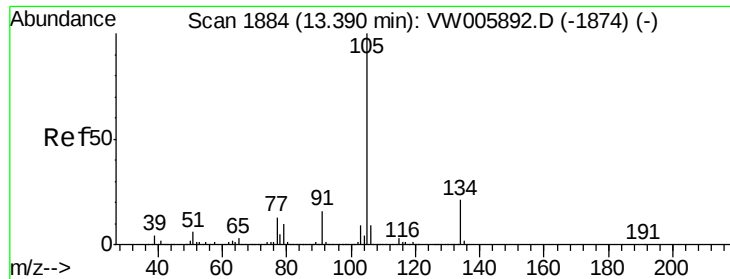
#84
1,2,4-Trimethylbenzene
Concen: 19.784 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210437		
120	46.5	22.8	68.3	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





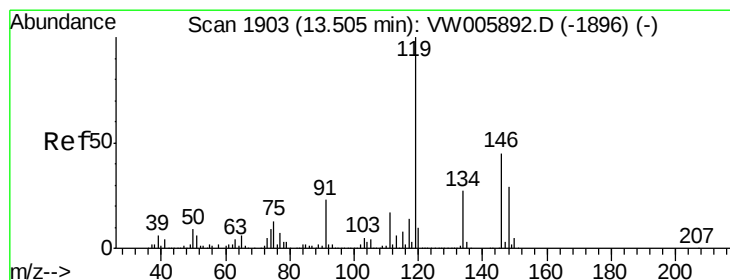
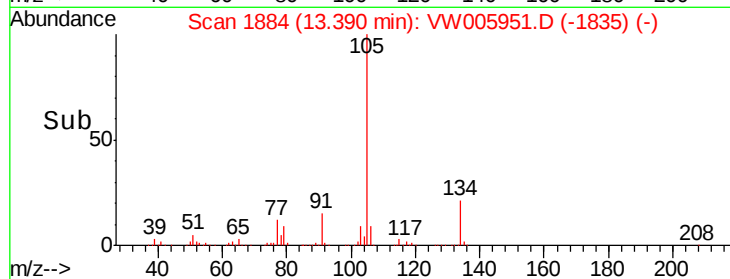
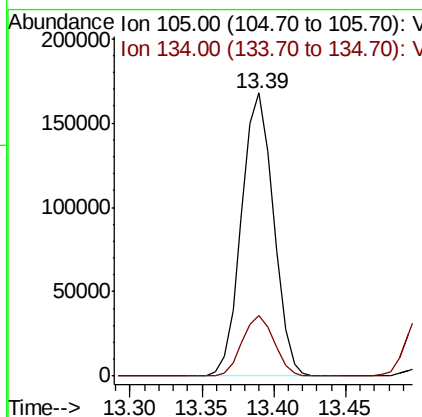
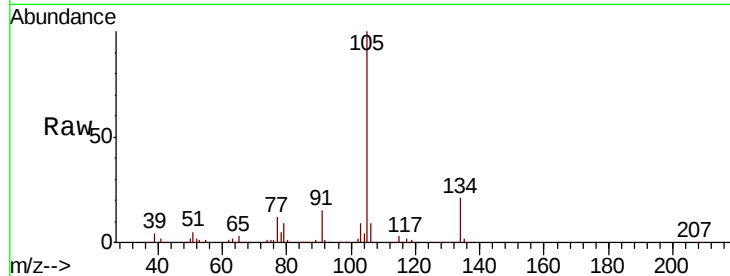
#85
 sec-Butylbenzene
 Concen: 19.716 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.4

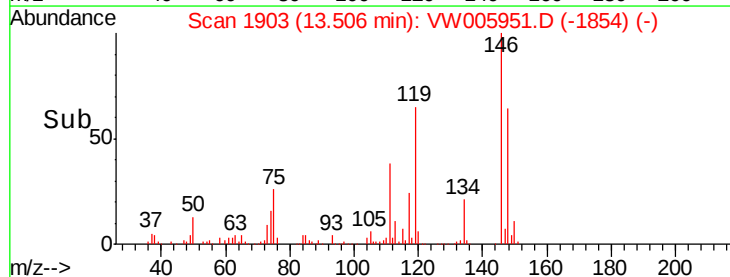
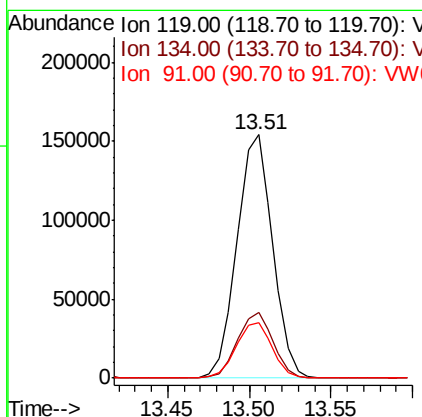
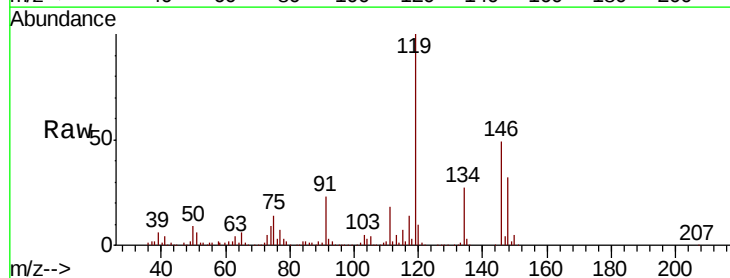
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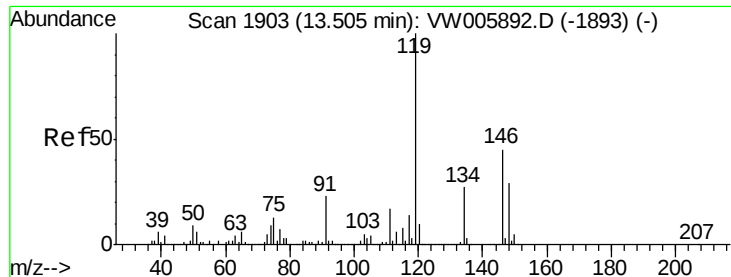
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#86
 p-Isopropyltoluene
 Concen: 19.734 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.5
91	23.1	11.9	35.5





#87

1,3-Dichlorobenzene

Concen: 20.420 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Instrument :

MSVOA_W

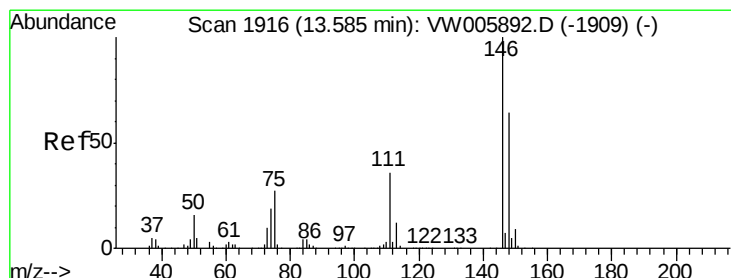
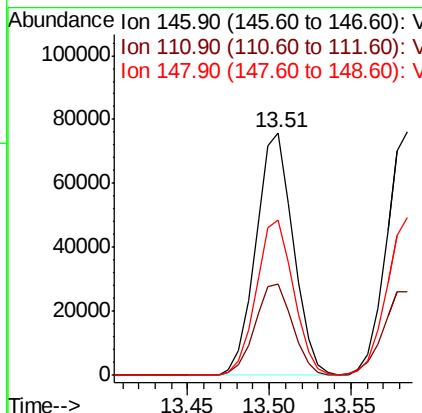
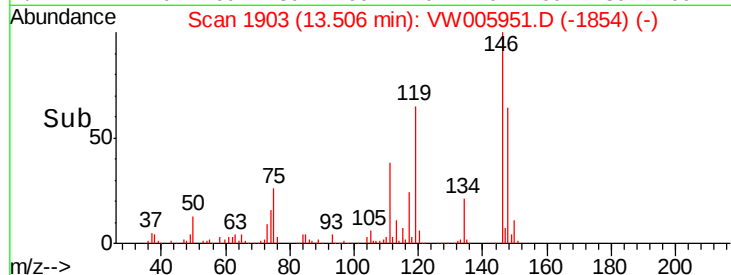
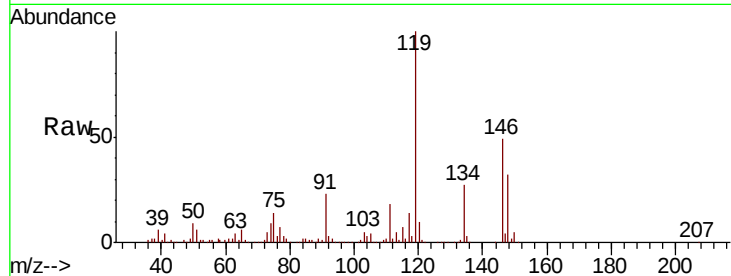
ClientSampleId :

VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.3	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 20.681 ug/l

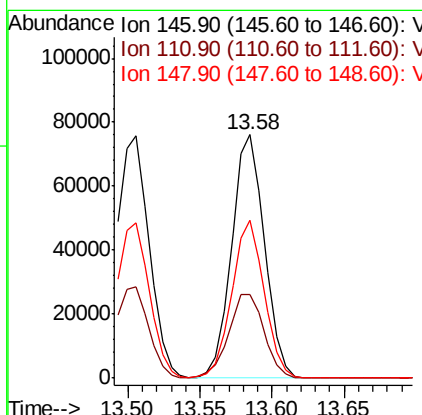
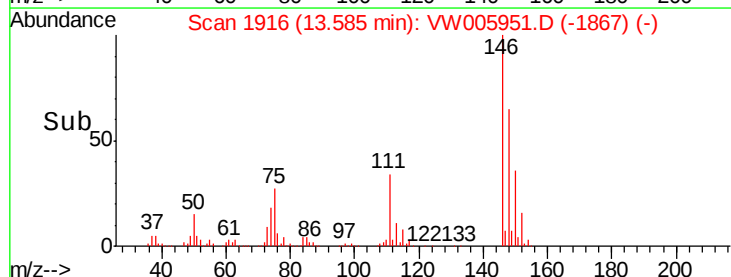
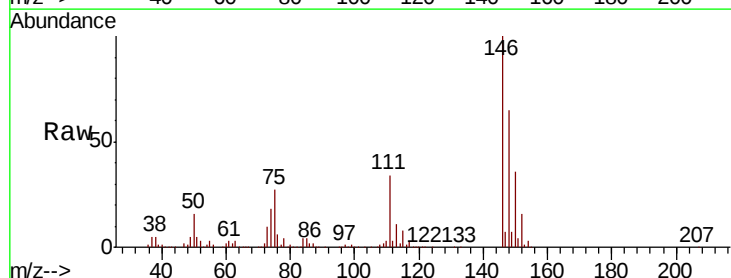
RT: 13.58 min Scan# 1916

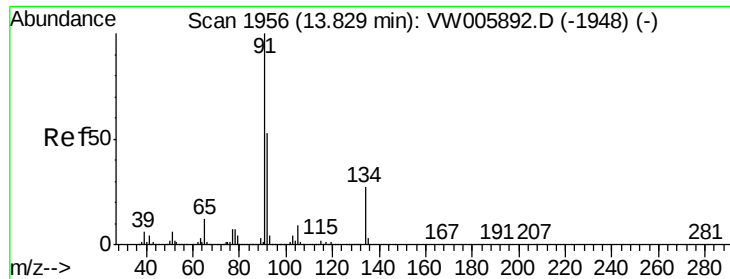
Delta R.T. 0.00 min

Lab File: VW005951.D

Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	64.1	32.0	96.2





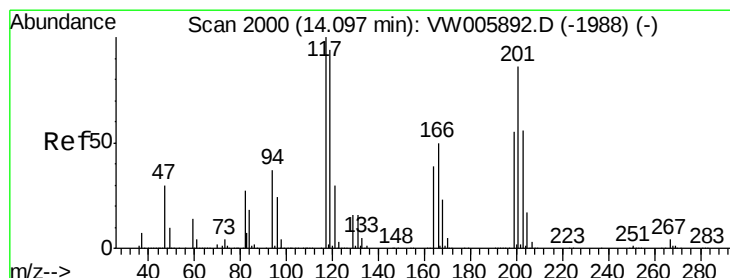
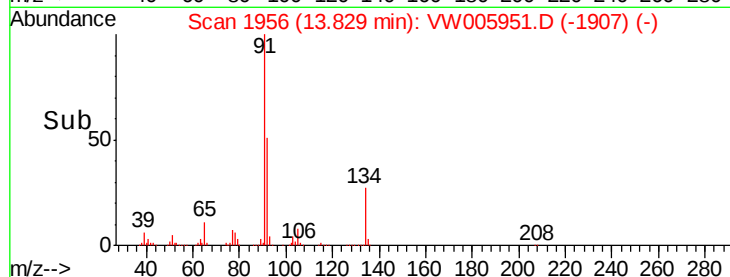
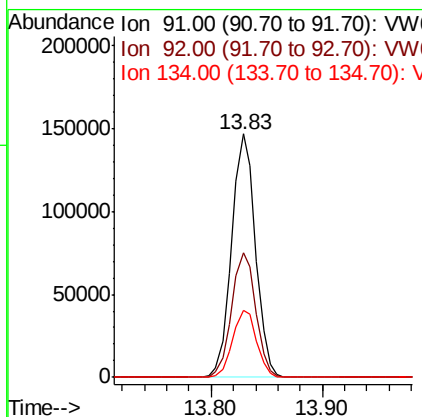
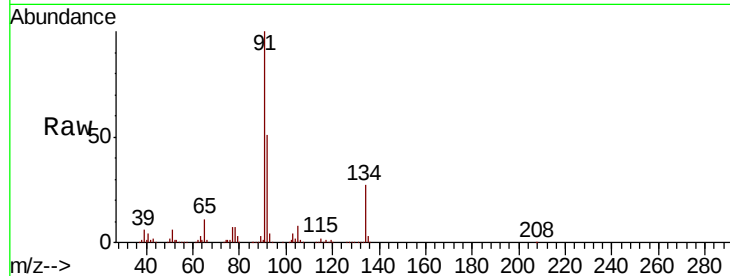
#89
n-Butylbenzene
Concen: 19.426 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.8
134	27.8	13.8	41.4

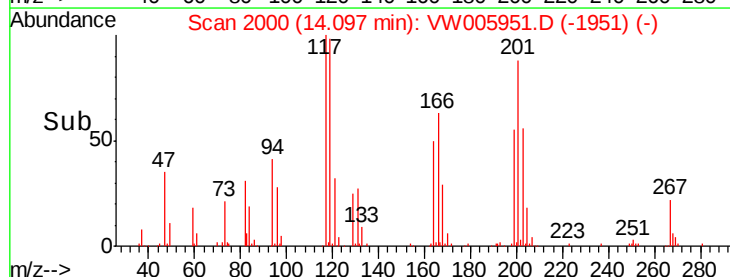
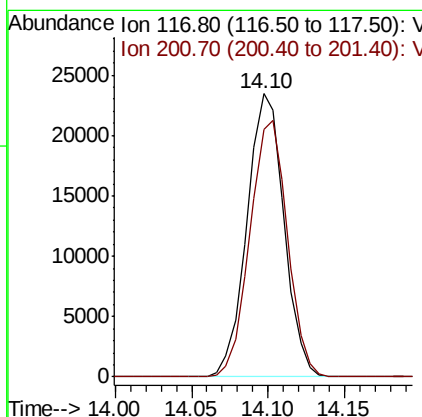
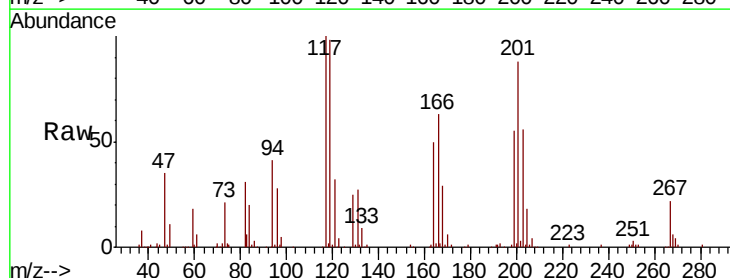
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#90
Hexachloroethane
Concen: 17.754 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.8	44.5	133.5





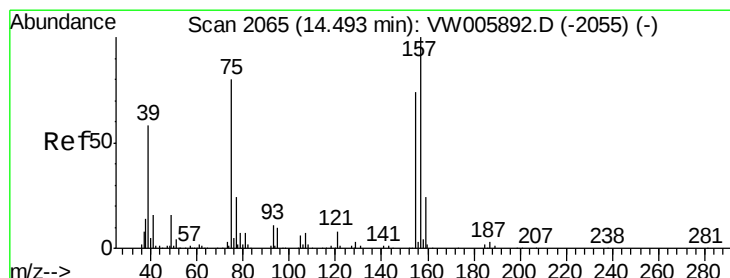
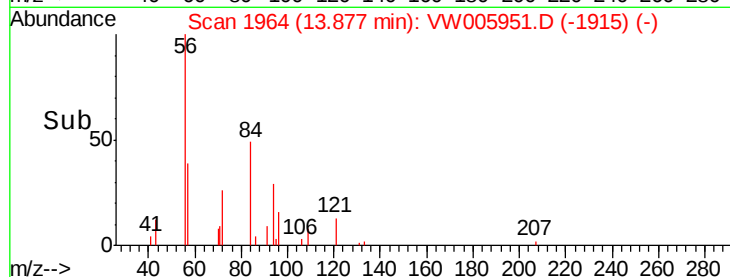
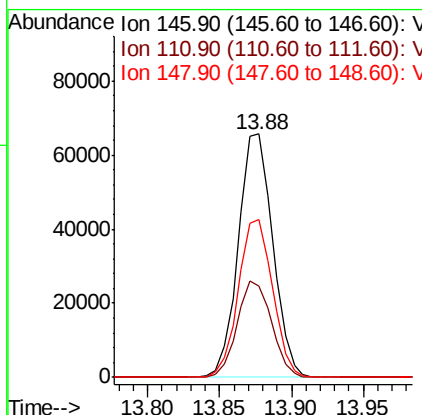
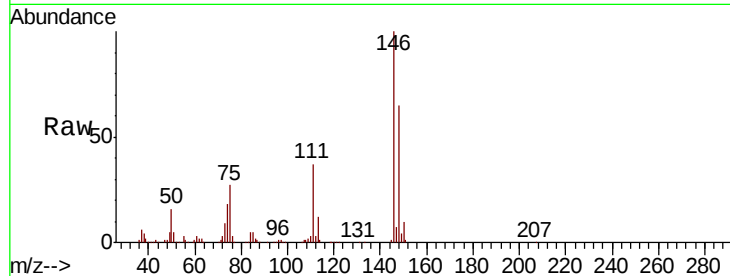
#91
 1,2-Dichlorobenzene
 Concen: 20.928 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	61.0
148	64.5	32.5	97.4

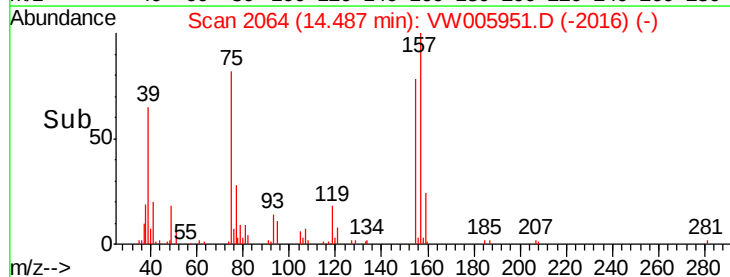
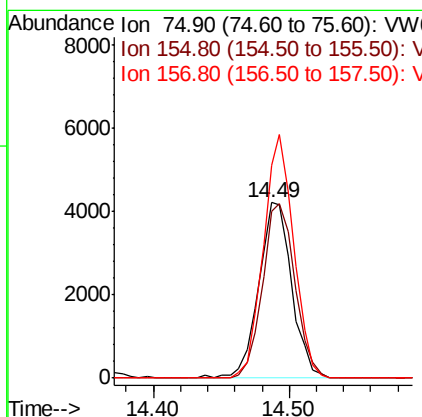
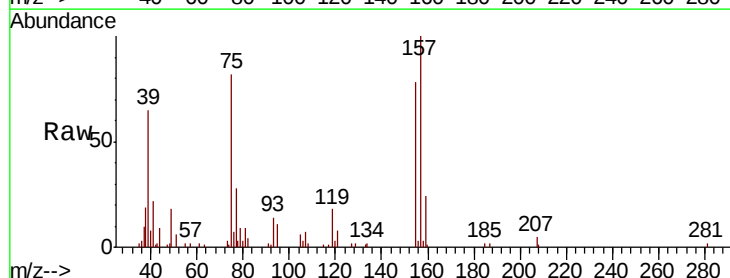
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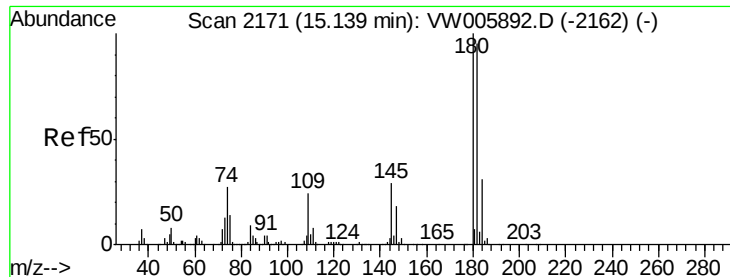
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.757 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	44.8	134.3
157	127.7	58.9	176.6





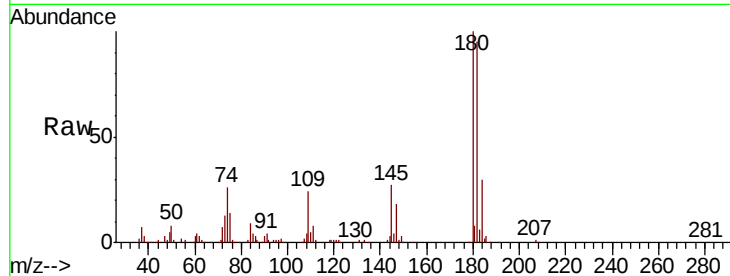
#93
 1,2,4-Trichlorobenzene
 Concen: 20.785 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	84116		
182	95.6	47.8	143.3	
145	28.5	14.5	43.6	

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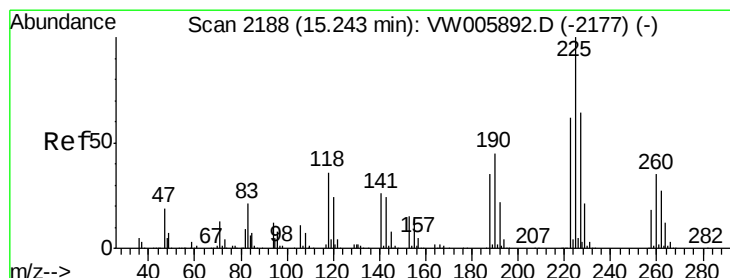
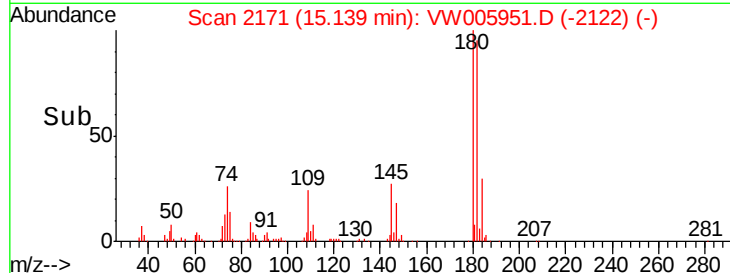
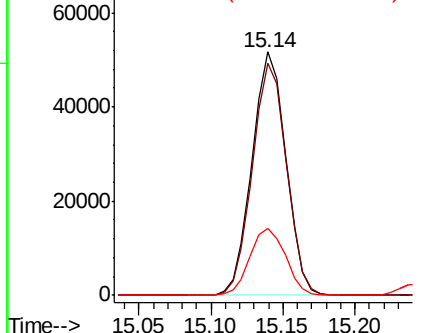


Abundance

Ion 179.80 (179.50 to 180.50): V

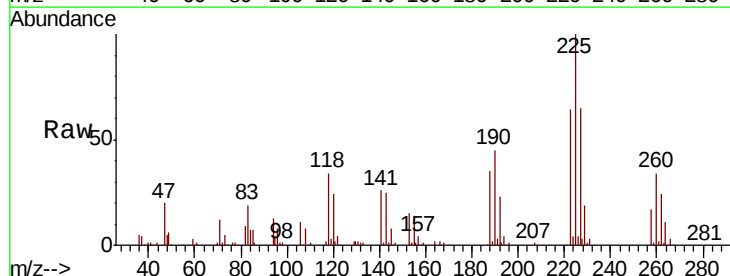
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.975 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005951.D
 Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50459		
223	62.0	31.2	93.6	
227	63.5	31.9	95.9	

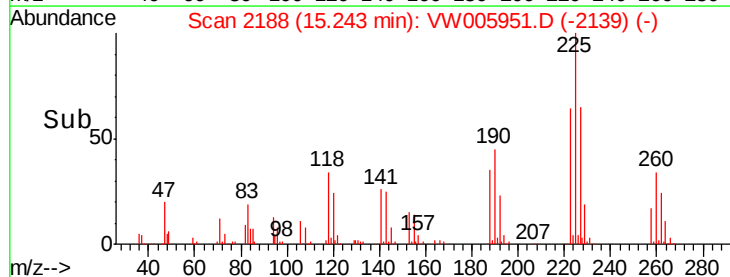
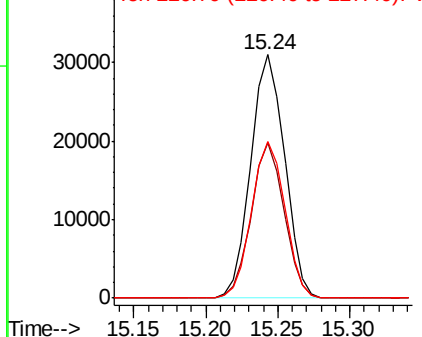


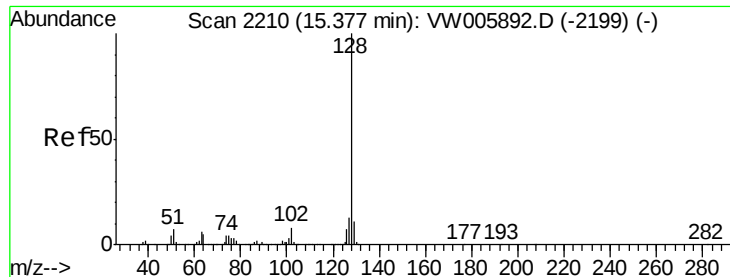
Abundance

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





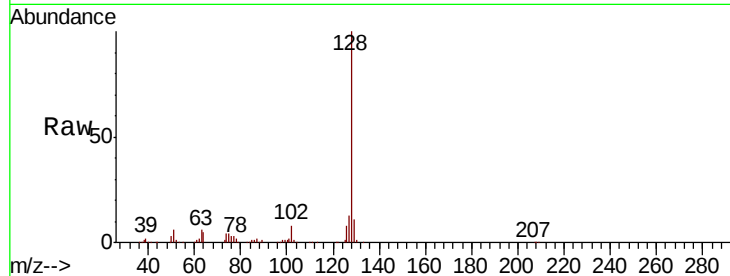
#95
Naphthalene
Concen: 21.782 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	8.9	13.3

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10/10/2018 11:34:48 AM

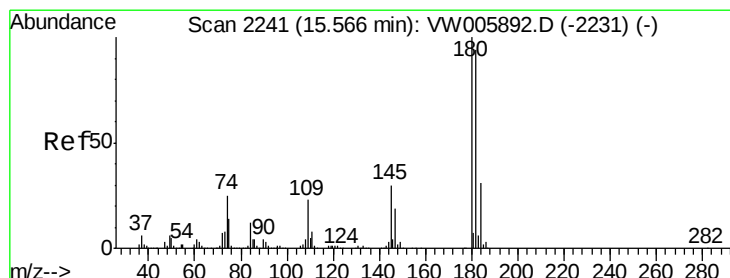
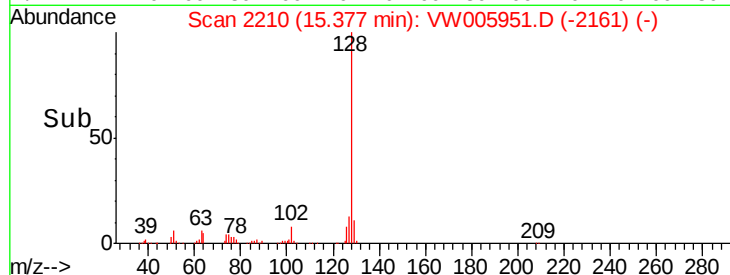
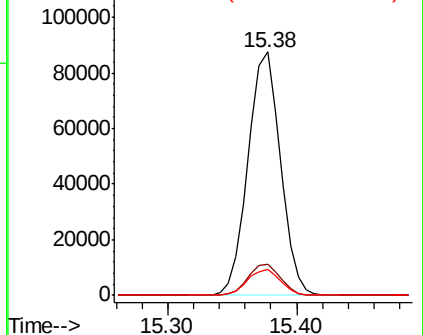


Abundance

Ion 128.00 (127.70 to 128.70): V

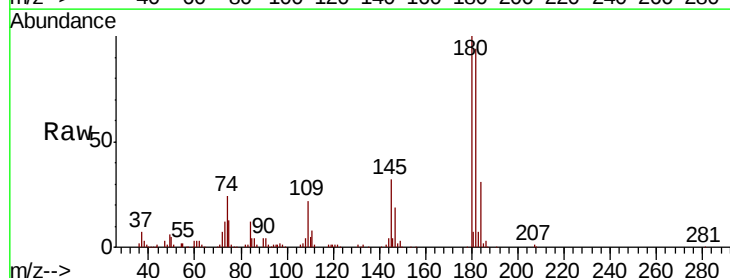
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.301 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005951.D
Acq: 09 Oct 2018 21:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	30.7	15.3	45.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

