

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005975.D
 Acq On : 10 Oct 2018 09:34
 Operator : SY/AP
 Sample : VW1010SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Manual Integrations
 APPROVED

apatel
 10/11/2018 10:30:23 AM

Quant Time: Oct 10 11:21:07 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	211368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	103289	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.88	113	103173	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.33	98	388998	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.62	95	144187	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20054	19.361	ug/l	92
3) Chloromethane	2.21	50	25097	20.599	ug/l	97
4) Vinyl Chloride	2.37	62	38992	20.159	ug/l	98
5) Bromomethane	2.78	94	38165	25.001	ug/l	98
6) Chloroethane	2.93	64	28878	23.433	ug/l	97
7) Trichlorofluoromethane	3.26	101	28407	18.501	ug/l	99
8) Diethyl Ether	3.68	74	21960	23.240	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36524	18.850	ug/l	96
10) Methyl Iodide	4.27	142	63686	20.098	ug/l	99
11) Tert butyl alcohol	5.21	59	14189	94.354	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	34767	18.685	ug/l	94
13) Acrolein	3.90	56	10367	77.360	ug/l	98
14) Allyl chloride	4.66	41	50398	15.883	ug/l	96
15) Acrylonitrile	5.38	53	40352	98.125	ug/l	99
16) Acetone	4.14	43	32886	80.238	ug/l	100
17) Carbon Disulfide	4.38	76	92134	16.378	ug/l	100
18) Methyl Acetate	4.68	43	21785	21.063	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	61045	21.088	ug/l	98
20) Methylene Chloride	4.92	84	44758	21.797	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	39906	19.677	ug/l	95
22) Diisopropyl ether	6.32	45	111303	18.764	ug/l	97
23) Vinyl Acetate	6.26	43	313712	85.928	ug/l	99
24) 1,1-Dichloroethane	6.21	63	68813	18.957	ug/l	99
25) 2-Butanone	7.18	43	53072	91.041	ug/l	98
26) 2,2-Dichloropropane	7.17	77	37810	14.800	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	46562	20.302	ug/l	95
28) Bromochloromethane	7.51	49	27640	20.629	ug/l	94
29) Tetrahydrofuran	7.54	42	35867	97.331	ug/l	97
30) Chloroform	7.68	83	74423	19.960	ug/l	98
31) Cyclohexane	7.95	56	59332	16.517	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	61976	18.665	ug/l	98
36) 1,1-Dichloropropene	8.09	75	54783	17.464	ug/l	99
37) Ethyl Acetate	7.26	43	23902	17.993	ug/l	97
38) Carbon Tetrachloride	8.07	117	57636	17.102	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68210	16.486	ug/l	97
40) Benzene	8.32	78	160994	18.752	ug/l	99
41) Methacrylonitrile	7.49	41	14253	17.138	ug/l	92
42) 1,2-Dichloroethane	8.40	62	48784	18.808	ug/l	98
43) Isopropyl Acetate	8.43	43	48746	17.567	ug/l	97
44) Trichloroethene	9.10	130	47387	19.023	ug/l	94
45) 1,2-Dichloropropane	9.37	63	40388	18.794	ug/l	96
46) Dibromomethane	9.46	93	23101	19.559	ug/l	98
47) Bromodichloromethane	9.65	83	54234	18.247	ug/l	98
48) Methyl methacrylate	9.44	41	22984	17.388	ug/l	91
49) 1,4-Dioxane	9.48	88	7986	445.135	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	126521	93.633	ug/l	99
52) Toluene	10.39	92	105684	18.738	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	49630	15.979	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	58497	16.754	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32732	20.008	ug/l	99
56) Ethyl methacrylate	10.65	69	40873	18.537	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54193	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89079	99.289	ug/l	99
59) 2-Hexanone	10.98	43	84309	87.018	ug/l	96
60) Dibromochloromethane	11.13	129	38701	18.332	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32122	19.650	ug/l	99
64) Tetrachloroethene	10.87	164	48428	21.684	ug/l	98
65) Chlorobenzene	11.66	112	125102	19.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44296	18.817	ug/l	99
67) Ethyl Benzene	11.74	91	210632	18.568	ug/l	99
68) m/p-Xylenes	11.84	106	165241	37.275	ug/l	99
69) o-Xylene	12.17	106	81329	19.163	ug/l	96
70) Styrene	12.18	104	132997	18.887	ug/l	98
71) Bromoform	12.35	173	24224	17.276	ug/l #	100
73) Isopropylbenzene	12.47	105	219090	18.067	ug/l	100
74) N-amyl acetate	12.28	43	46198	16.041	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	38452	19.346	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	28909m	19.491	ug/l	
77) Bromobenzene	12.75	156	55954	19.476	ug/l	94
78) n-propylbenzene	12.81	91	253669	17.783	ug/l	99
79) 2-Chlorotoluene	12.90	91	145207	18.032	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	185582	18.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9313	13.255	ug/l	95
82) 4-Chlorotoluene	12.99	91	153109	18.072	ug/l	97
83) tert-Butylbenzene	13.21	119	166144	18.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	190227	18.420	ug/l	100
85) sec-Butylbenzene	13.39	105	231516	18.113	ug/l	100
86) p-Isopropyltoluene	13.51	119	204370	17.780	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	109817	19.240	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108418	19.115	ug/l	99
89) n-Butylbenzene	13.83	91	188517	17.399	ug/l	99
90) Hexachloroethane	14.10	117	34650	16.028	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	99158	19.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6444	17.397	ug/l	96

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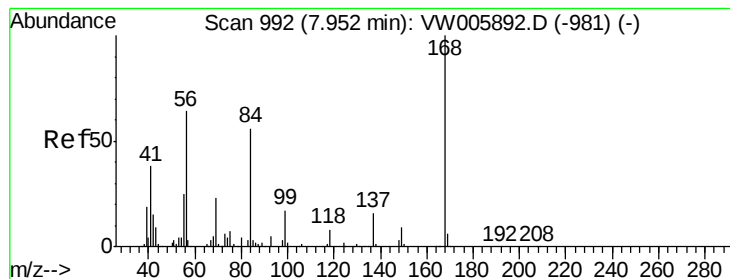
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	74685	19.008	ug/l	100
94) Hexachlorobutadiene	15.24	225	43280	17.647	ug/l	99
95) Naphthalene	15.38	128	138809	20.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67734	19.909	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion:168 Resp: 211368

Ion Ratio Lower Upper

168 100

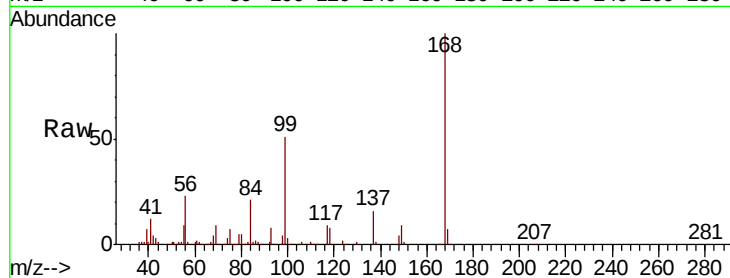
99 50.8 40.9 61.3

Manual Integrations

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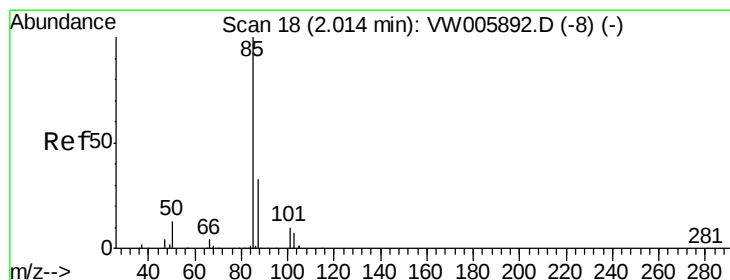
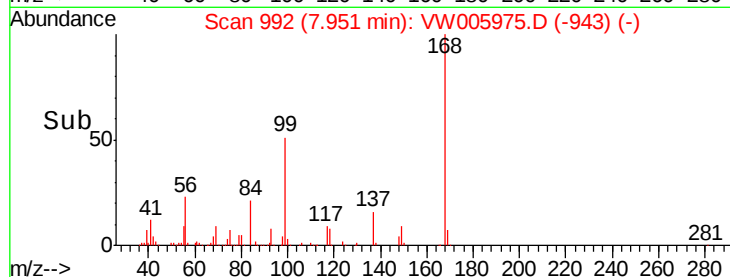
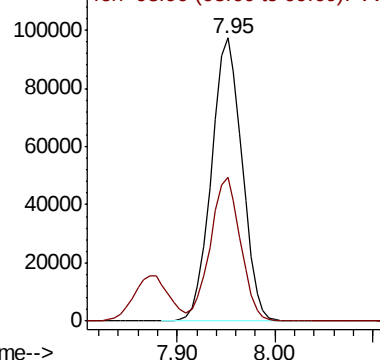
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.361 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005975.D

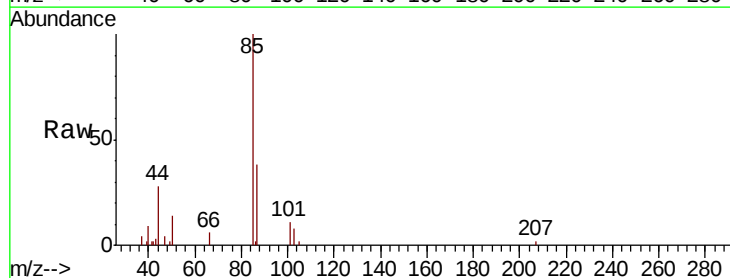
Acq: 10 Oct 2018 09:34

Tgt Ion: 85 Resp: 20054

Ion Ratio Lower Upper

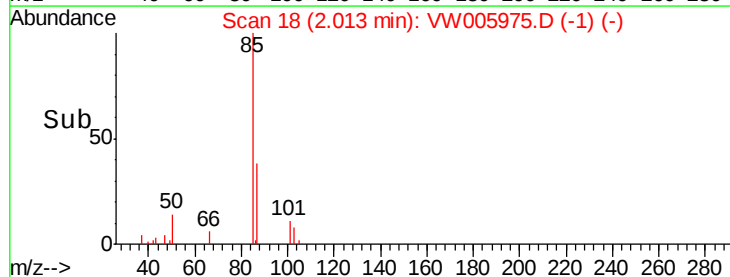
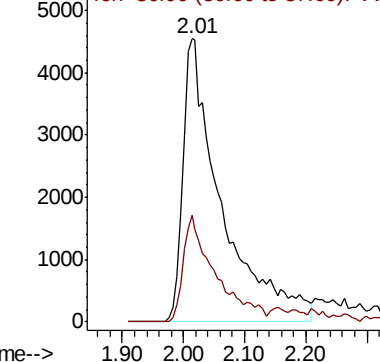
85 100

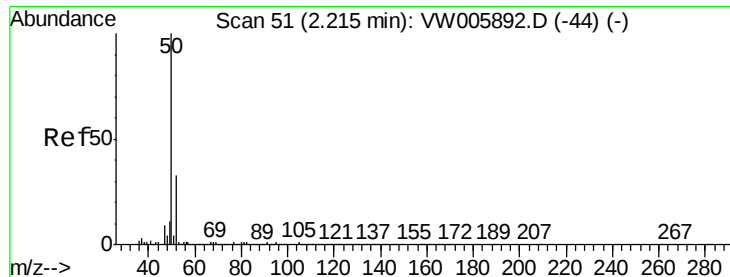
87 37.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.599 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 50 Resp: 25097

Ion Ratio Lower Upper

50 100

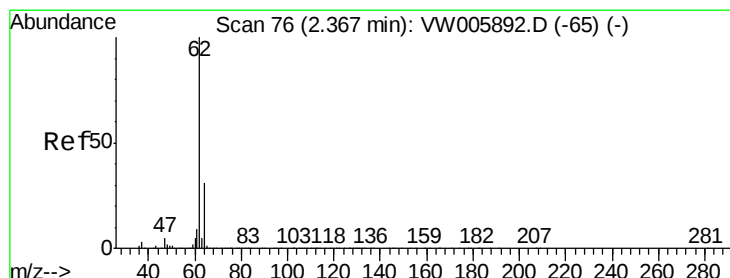
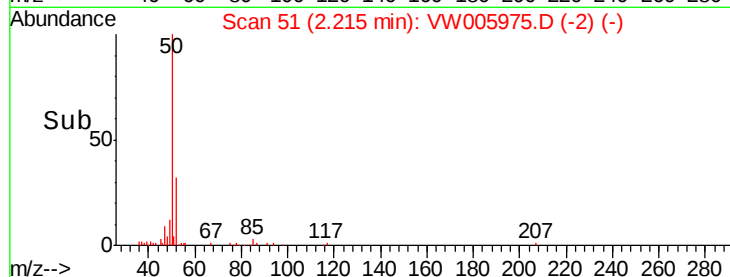
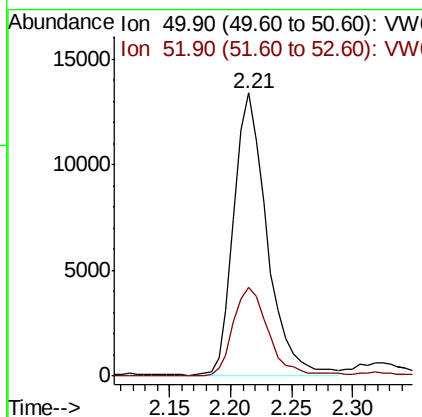
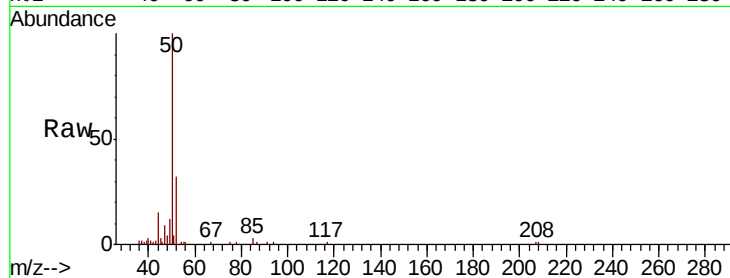
52 31.7 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.159 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005975.D

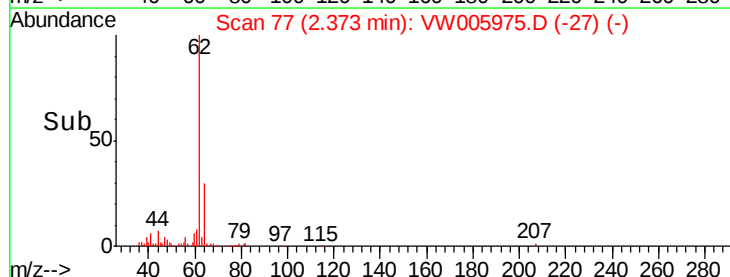
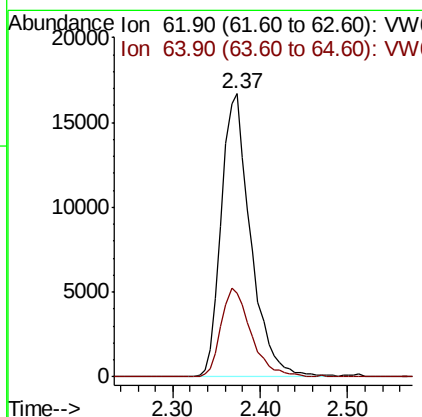
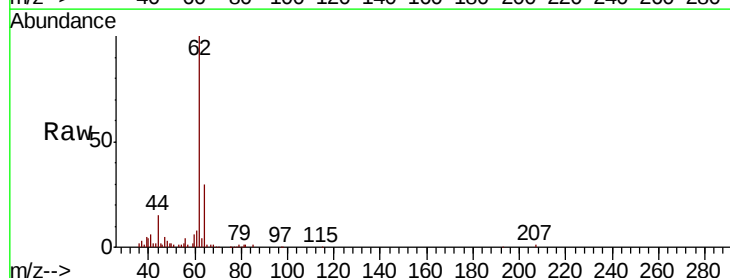
Acq: 10 Oct 2018 09:34

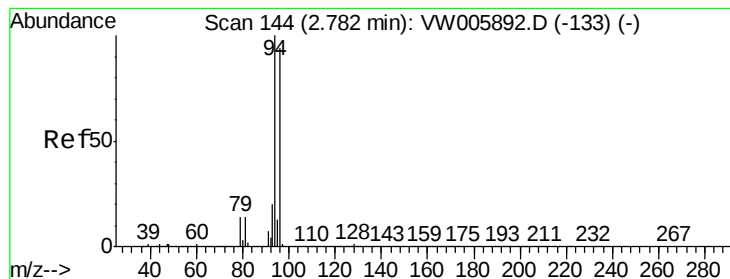
Tgt Ion: 62 Resp: 38992

Ion Ratio Lower Upper

62 100

64 29.5 24.6 36.8





#5

Bromomethane

Concen: 25.001 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 38165

Ion Ratio Lower Upper

94 100

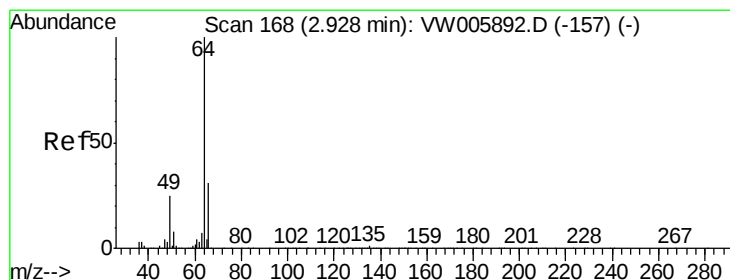
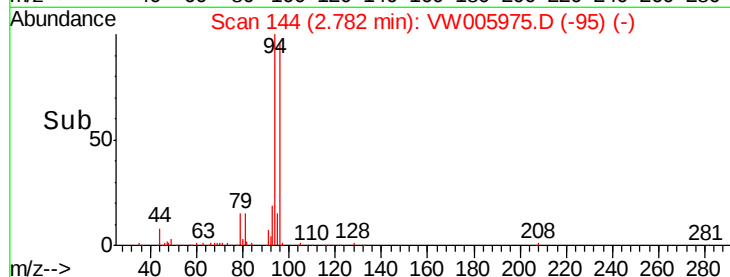
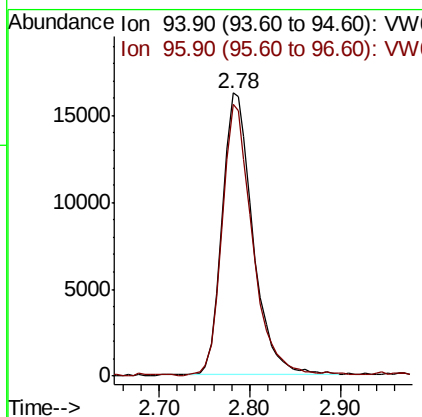
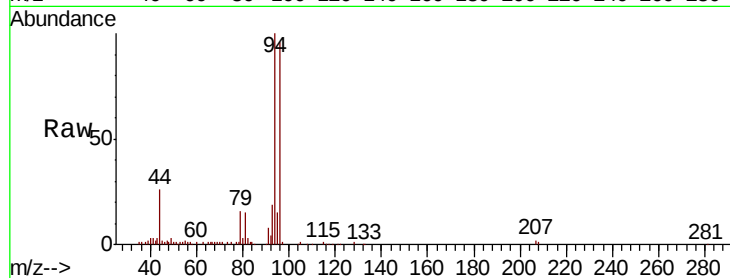
96 95.9 75.0 112.4

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10/11/2018 10:30:23 AM



#6

Chloroethane

Concen: 23.433 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005975.D

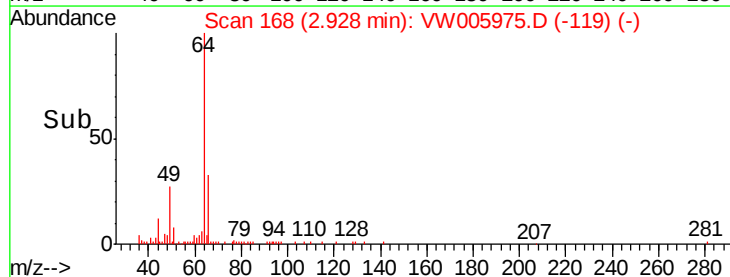
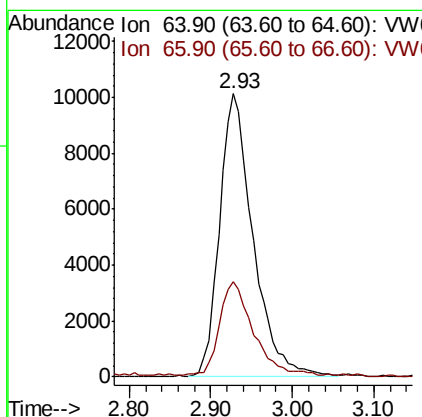
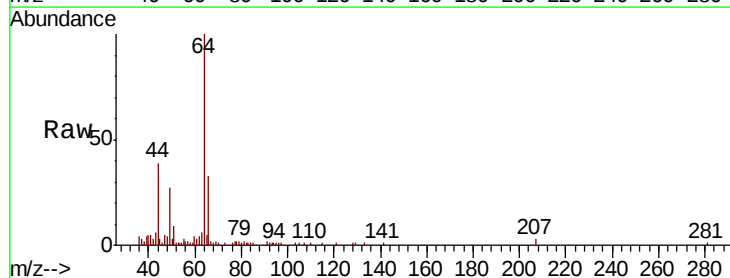
Acq: 10 Oct 2018 09:34

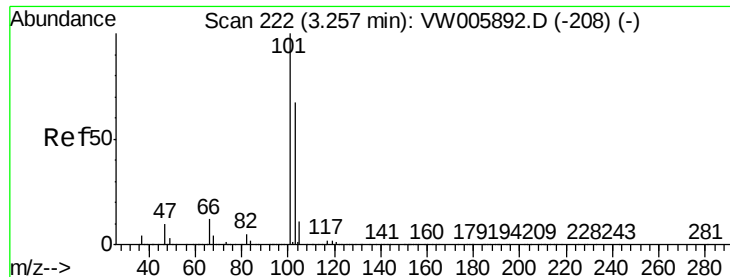
Tgt Ion: 64 Resp: 28878

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.4





#7

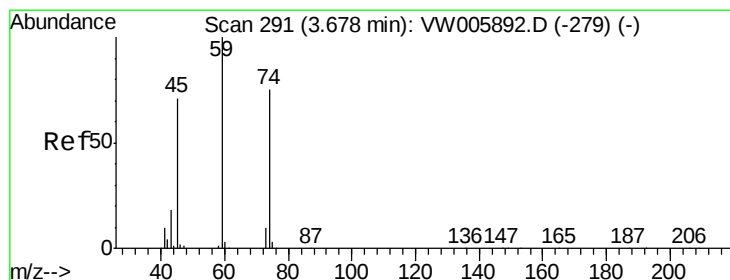
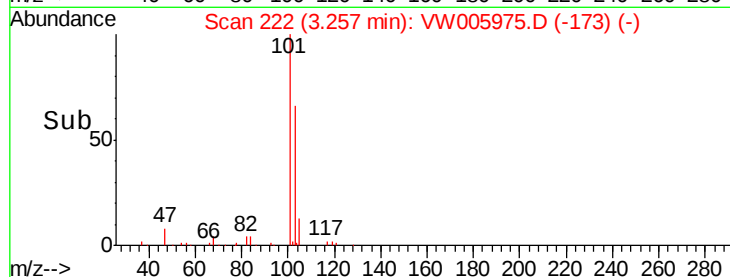
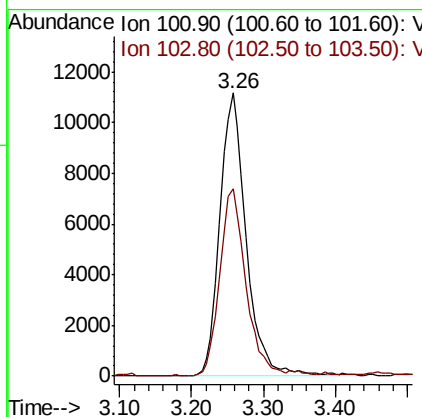
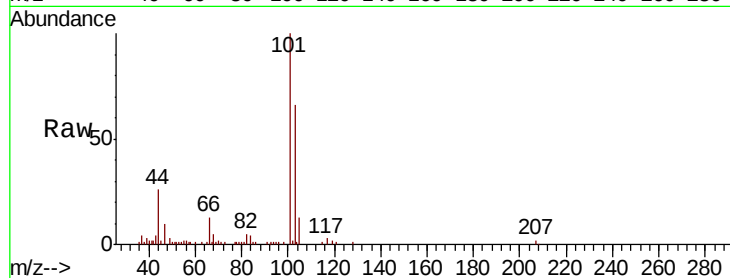
Trichlorofluoromethane
Concen: 18.501 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005975.D
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VW1010SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.5	80.3

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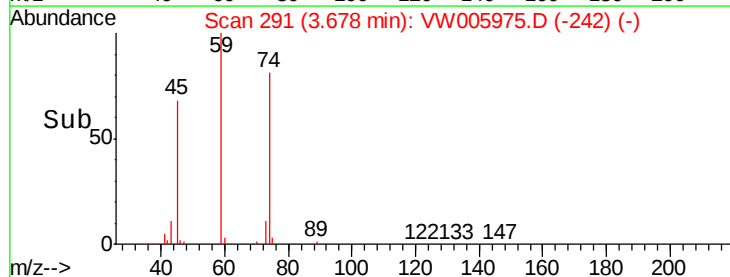
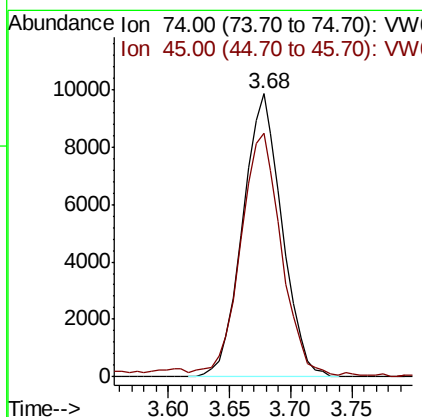
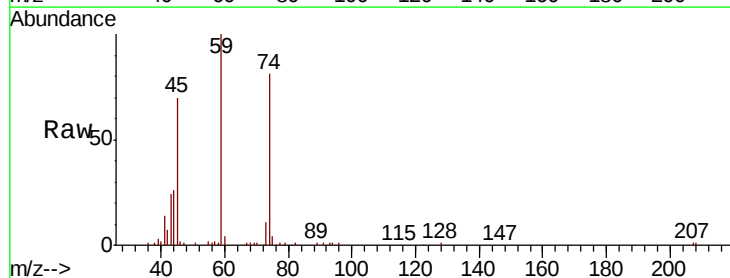
apatel
10/11/2018 10:30:23 AM

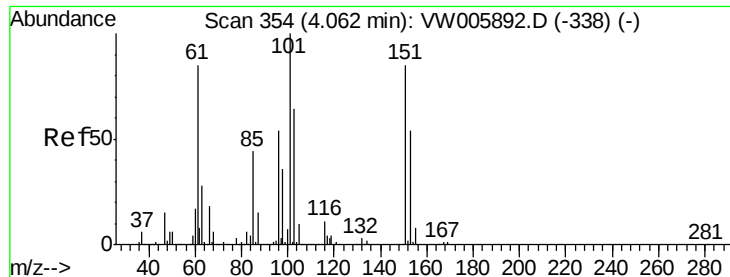


#8

Diethyl Ether
Concen: 23.240 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.850 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

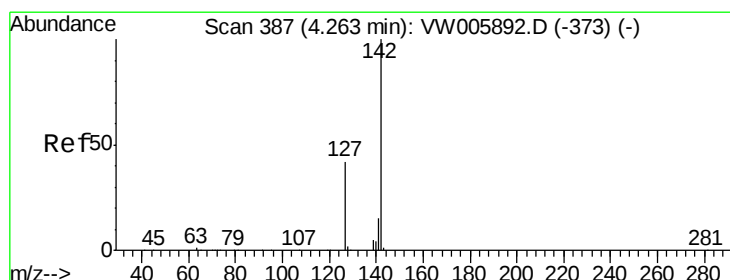
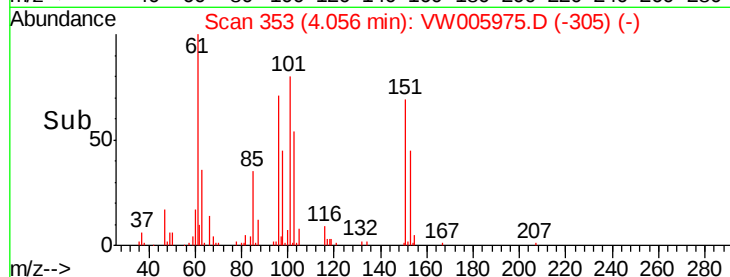
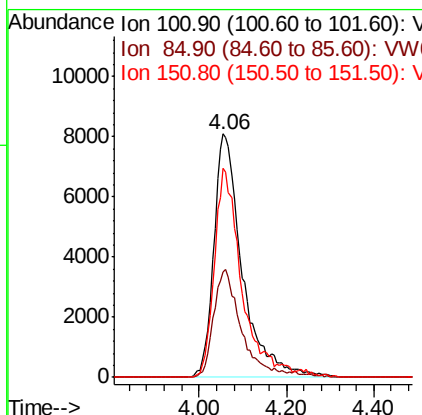
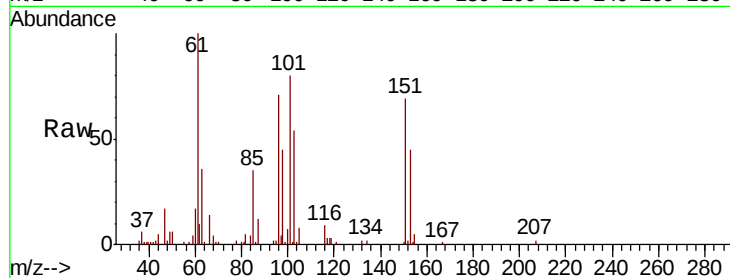
ClientSampleId :

VW1010SBS02

Tot Ion:	101	Resp:	36524
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.1	52.7
151	80.1	67.7	101.5

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#10

Methyl Iodide

Concen: 20.098 ug/l

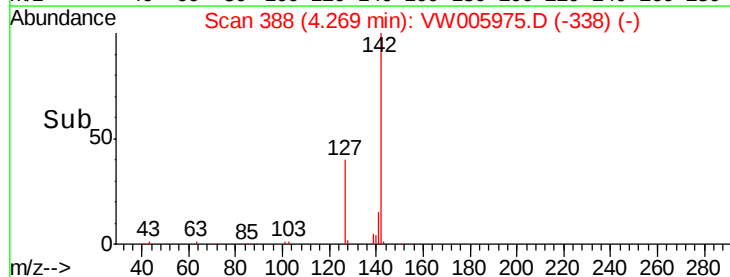
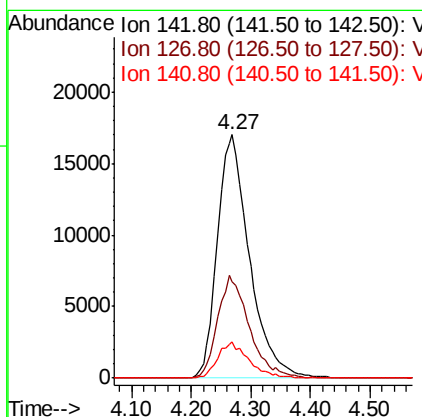
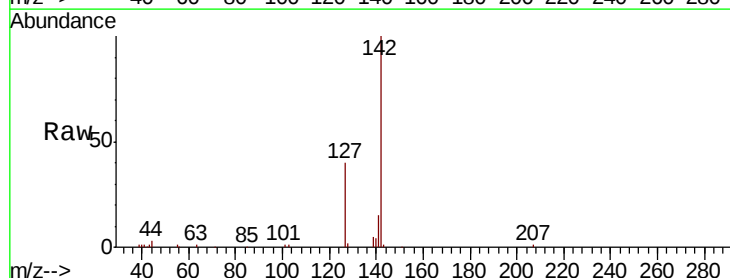
RT: 4.27 min Scan# 388

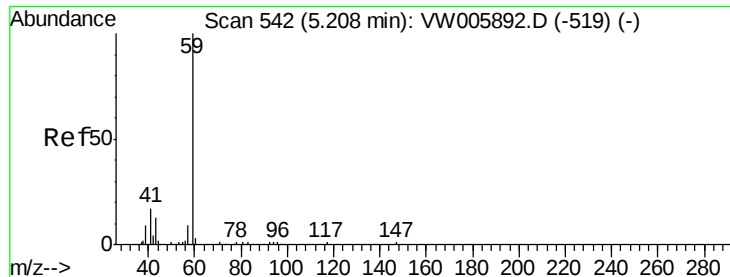
Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Tgt Ion:	142	Resp:	63686
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.7	50.5
141	14.3	11.5	17.3





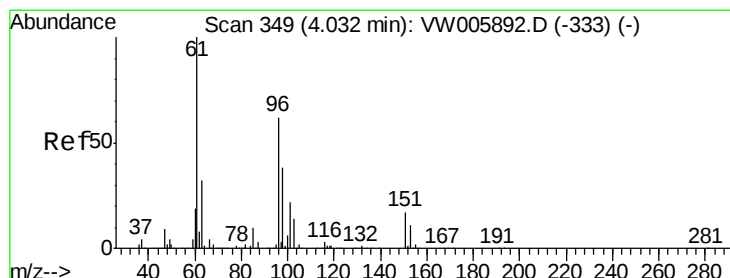
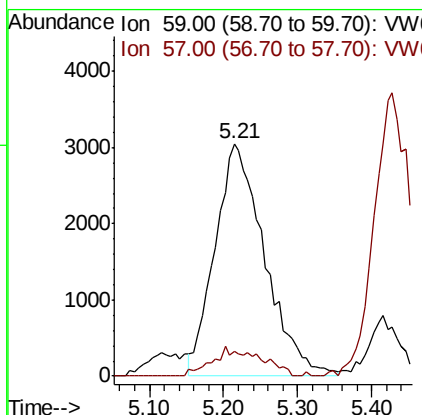
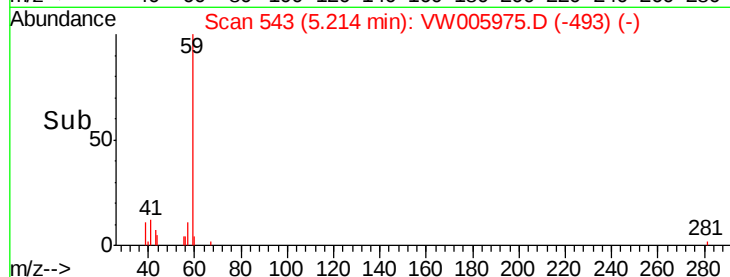
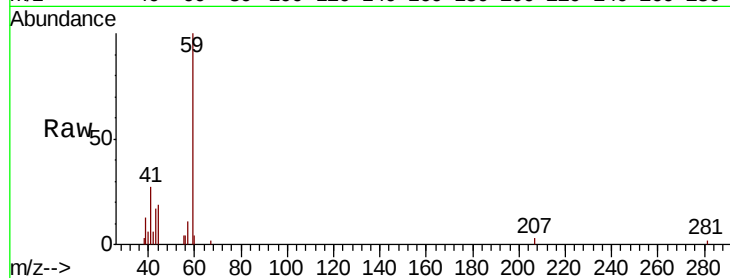
#11
Tert butyl alcohol
Concen: 94.354 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion: 59 Resp: 14189
Ion Ratio Lower Upper
59 100
57 7.1 7.7 11.5#

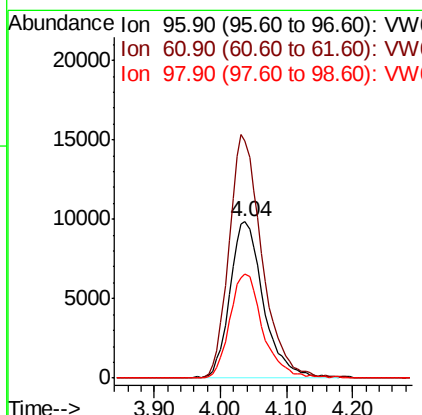
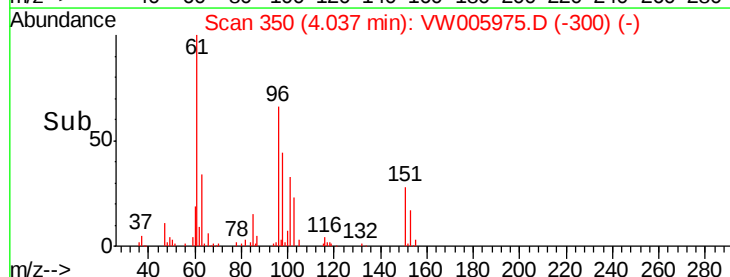
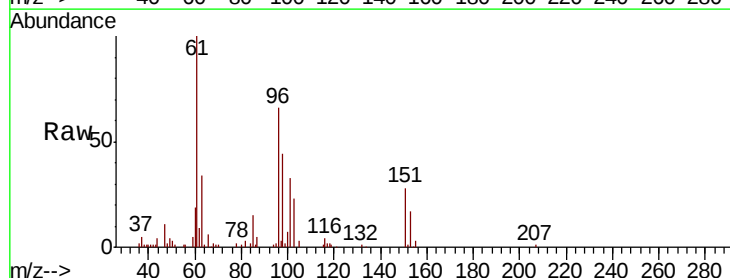
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#12
1,1-Dichloroethene
Concen: 18.685 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion: 96 Resp: 34767
Ion Ratio Lower Upper
96 100
61 151.9 128.6 193.0
98 66.2 49.4 74.0





#13

Acrolein

Concen: 77.360 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 56 Resp: 10367

Ion Ratio Lower Upper

56 100

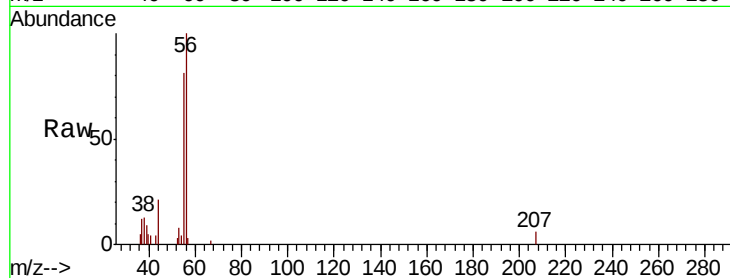
55 69.6 54.6 82.0

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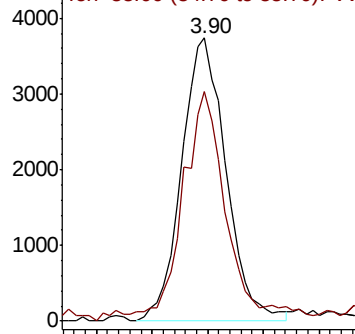
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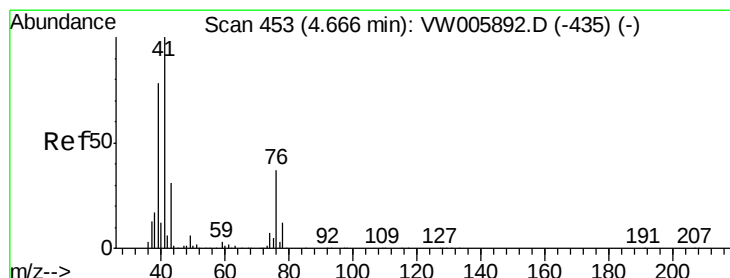
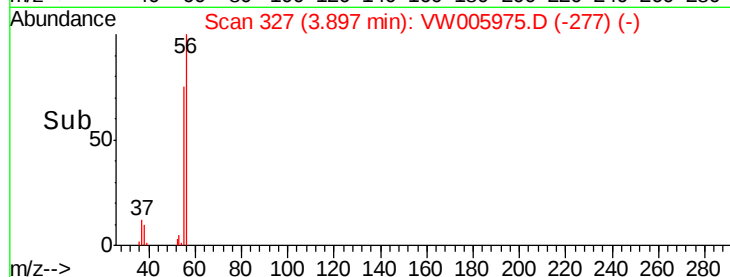


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 15.883 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

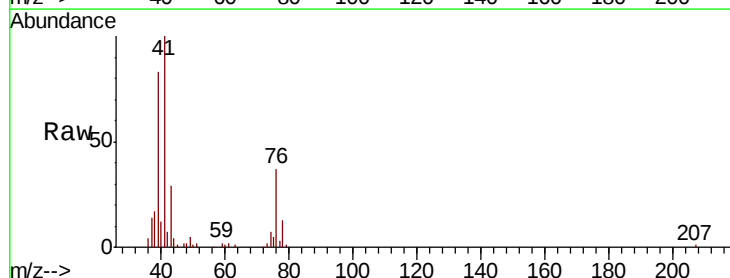
Tgt Ion: 41 Resp: 50398

Ion Ratio Lower Upper

41 100

39 80.0 60.8 91.2

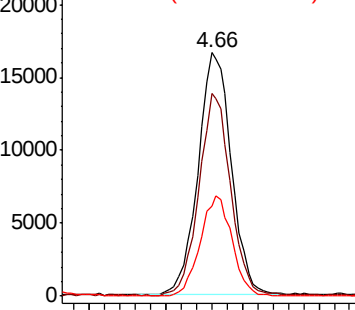
76 39.4 29.6 44.4



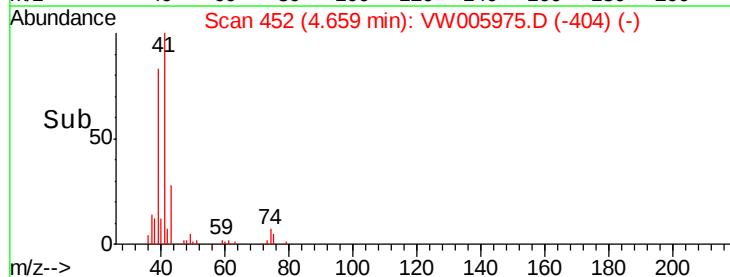
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 98.125 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

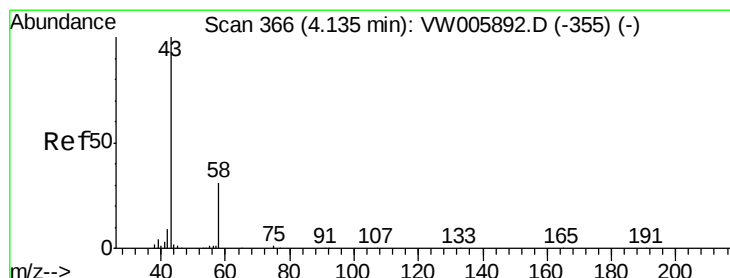
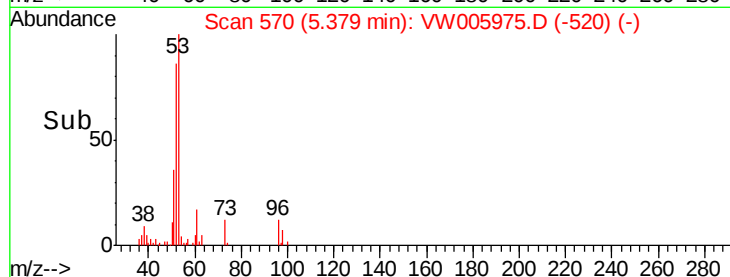
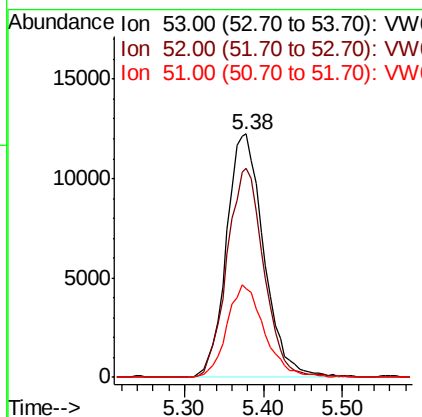
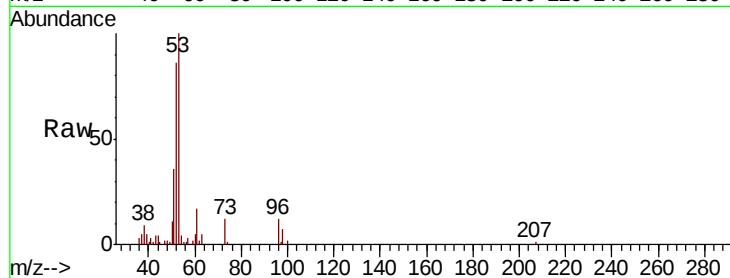
ClientSampleId :

VW1010SBS02

Tot Ion:	53	Resp:	40352
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.8	100.2
51	37.9	29.8	44.6

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#16

Acetone

Concen: 80.238 ug/l

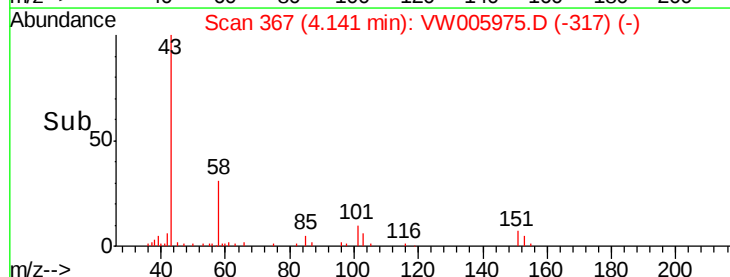
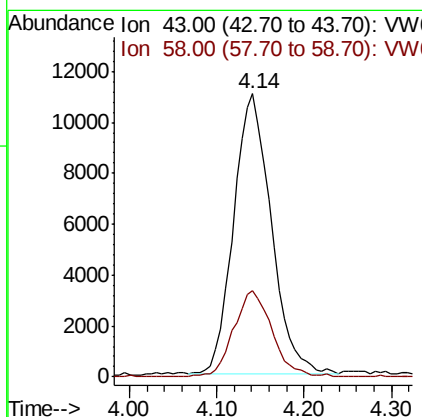
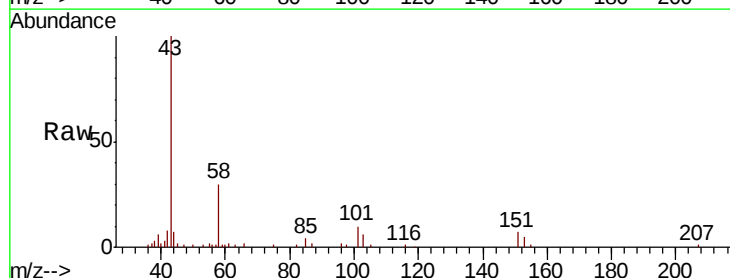
RT: 4.14 min Scan# 367

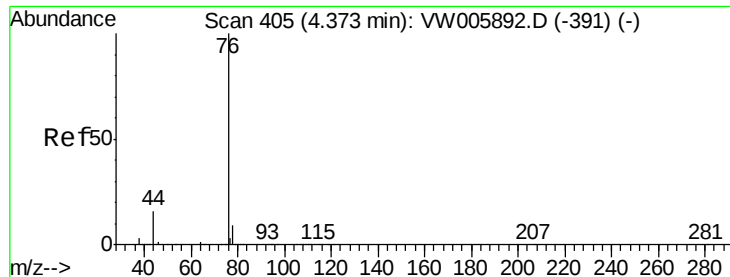
Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Tgt Ion:	43	Resp:	32886
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.7	37.1





#17

Carbon Disulfide

Concen: 16.378 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 76 Resp: 92134

Ion Ratio Lower Upper

76 100

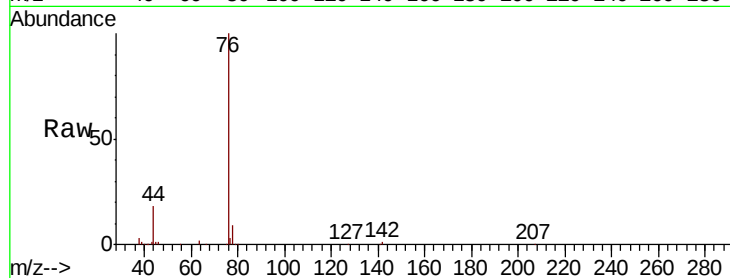
78 9.3 7.4 11.0

Manual Integrations

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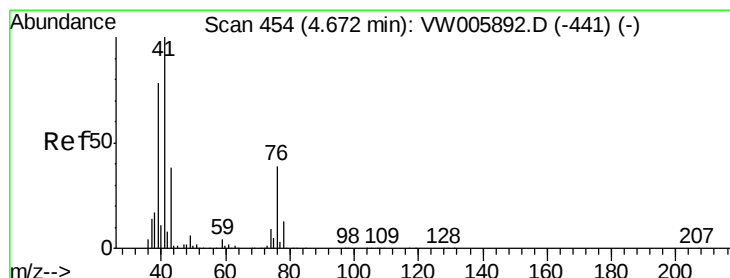
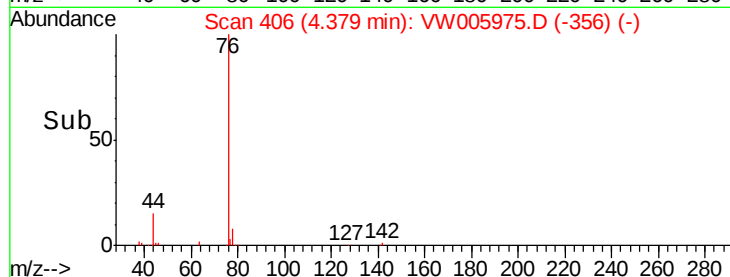
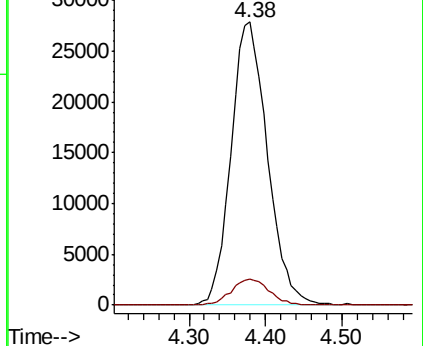
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.063 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005975.D

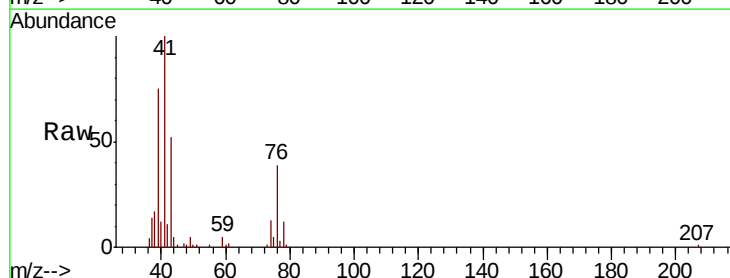
Acq: 10 Oct 2018 09:34

Tgt Ion: 43 Resp: 21785

Ion Ratio Lower Upper

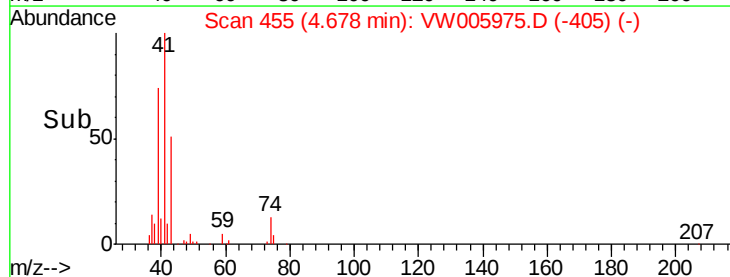
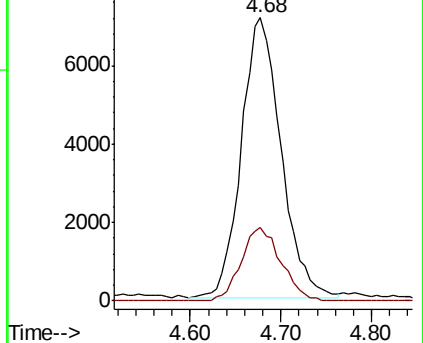
43 100

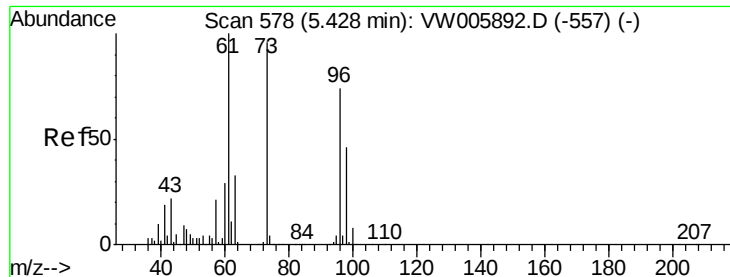
74 25.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





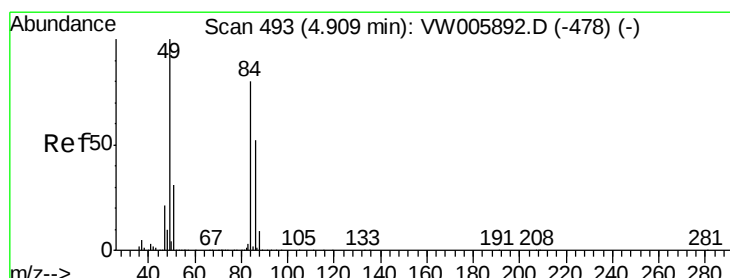
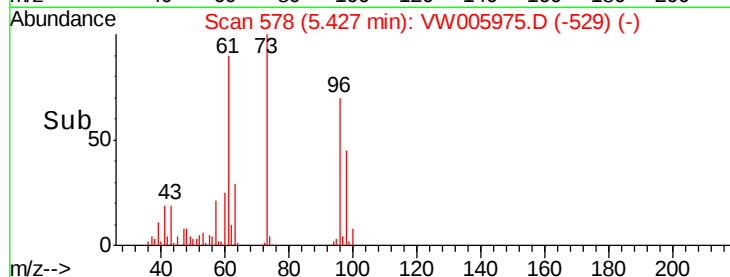
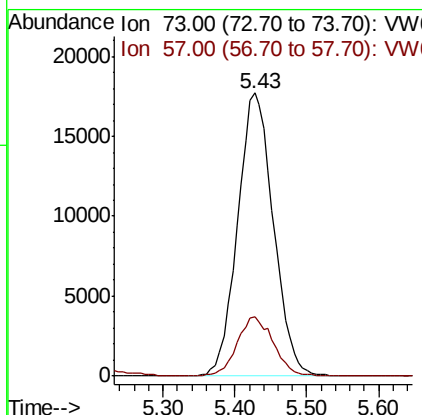
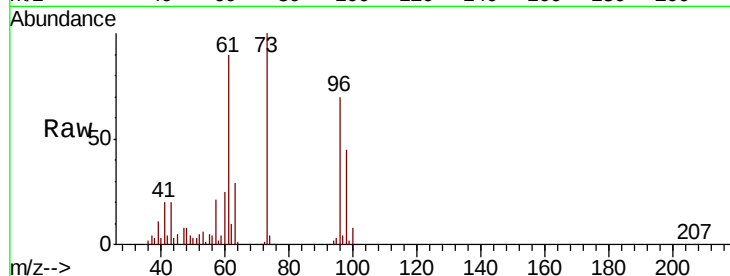
#19
Methyl tert-butyl Ether
Concen: 21.088 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion: 73 Resp: 61045
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

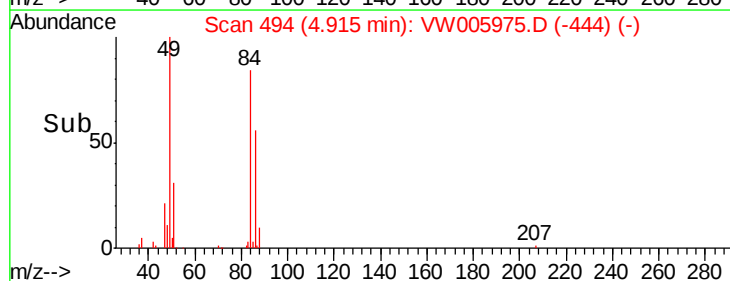
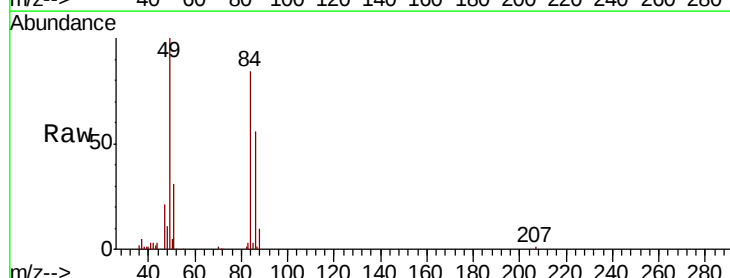
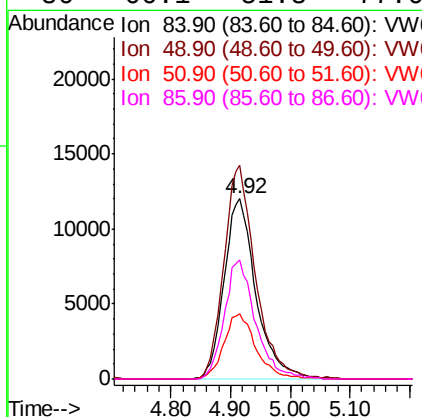
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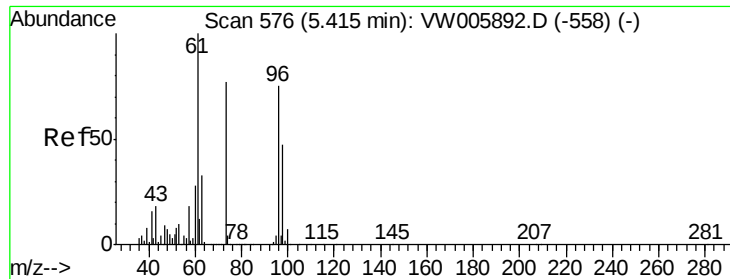
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#20
Methylene Chloride
Concen: 21.797 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion: 84 Resp: 44758
Ion Ratio Lower Upper
84 100
49 118.4 99.9 149.9
51 36.4 31.1 46.7
86 66.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.677 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

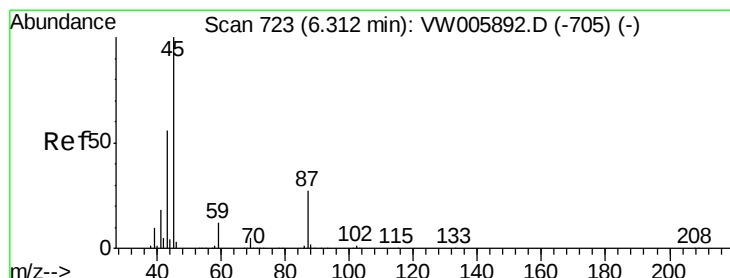
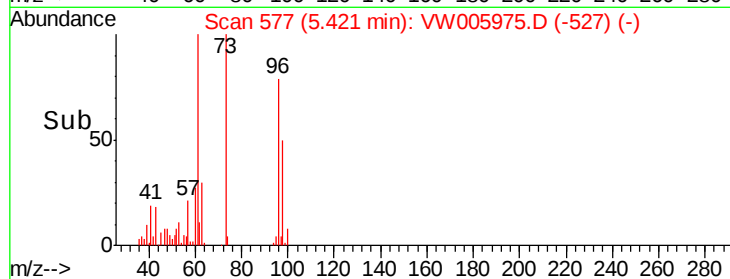
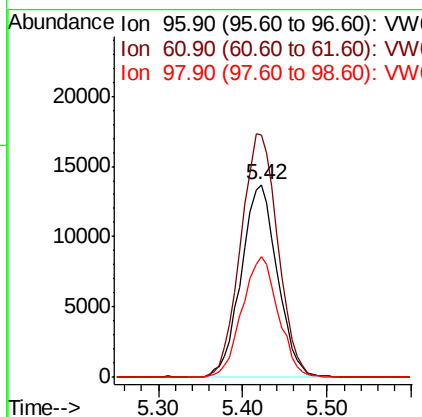
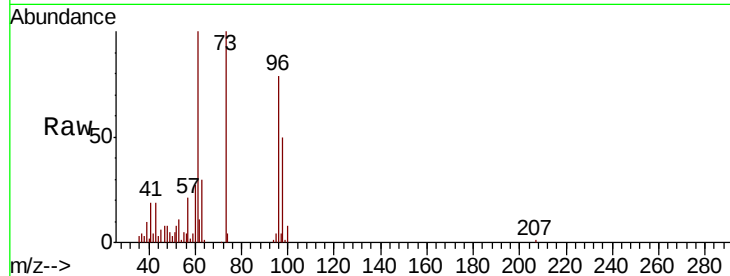
ClientSampleId :

VW1010SBS02

Tot Ion:	96	Resp:	39906
Ion	Ratio	Lower	Upper
96	100		
61	126.0	107.4	161.0
98	62.9	50.8	76.2

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#22

Diisopropyl ether

Concen: 18.764 ug/l

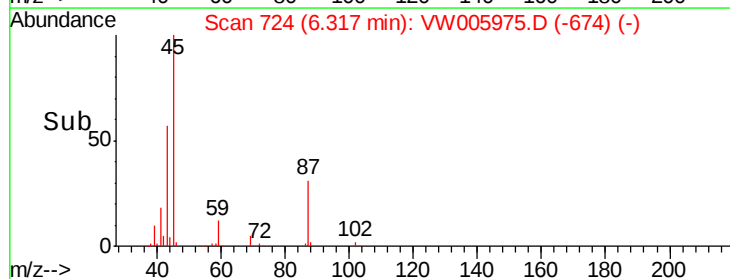
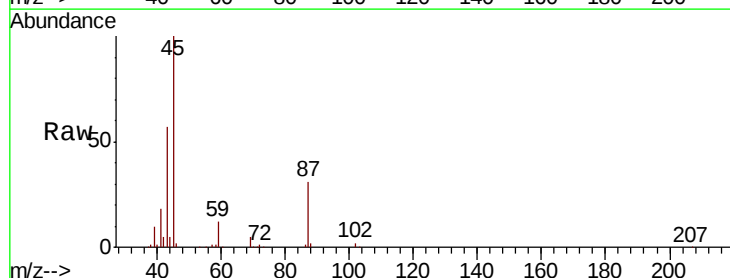
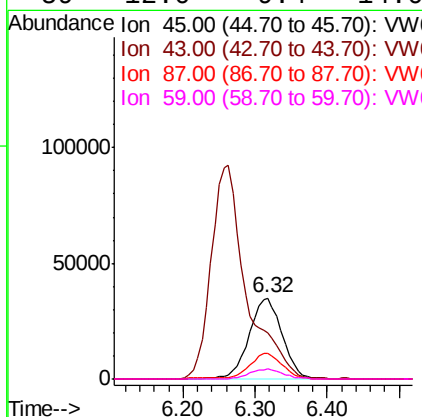
RT: 6.32 min Scan# 724

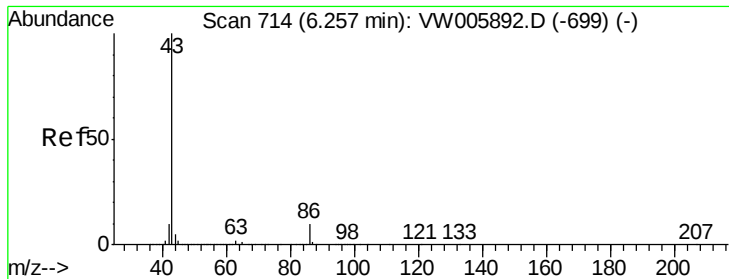
Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Tgt Ion:	45	Resp:	111303
Ion	Ratio	Lower	Upper
45	100		
43	56.4	45.9	68.9
87	31.4	22.2	33.4
59	12.0	9.4	14.0





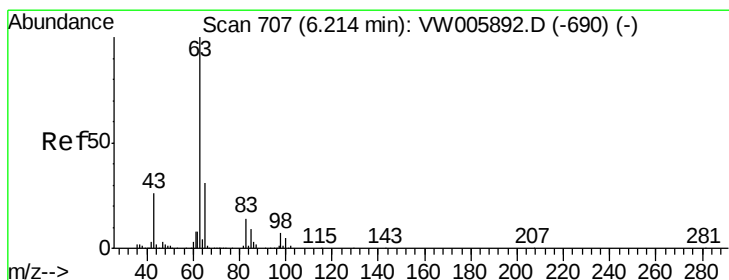
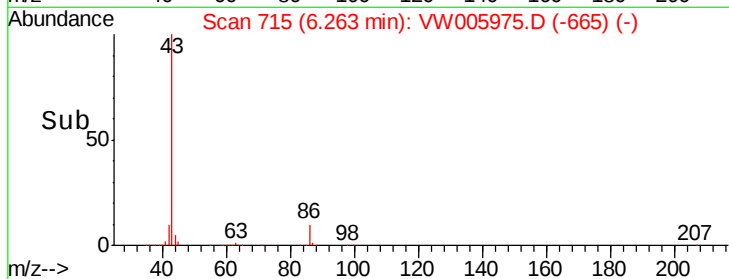
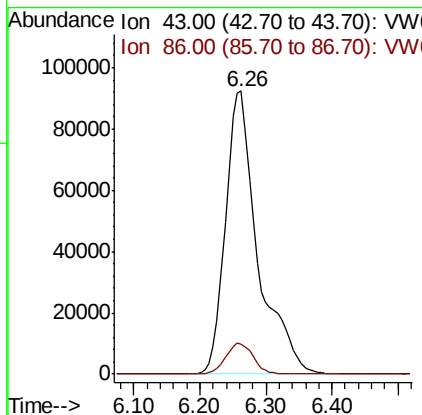
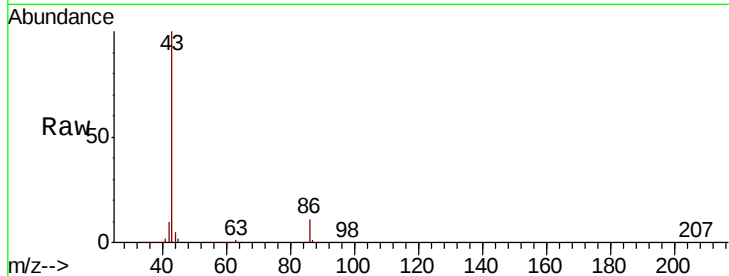
#23
 Vinyl Acetate
 Concen: 85.928 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100	313712		
86	10.6		8.2	12.4

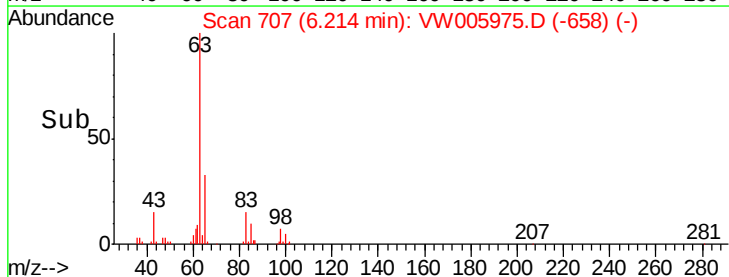
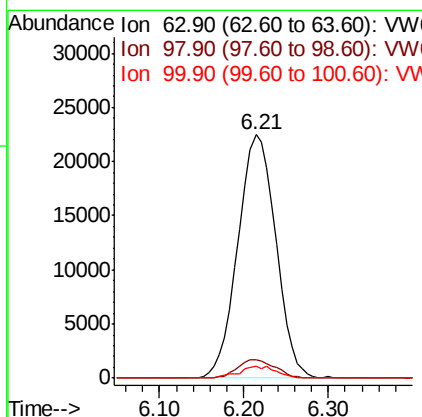
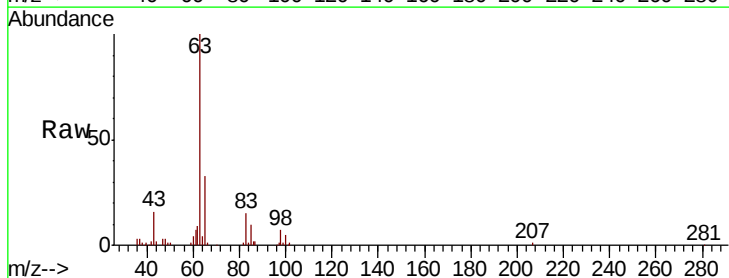
Manual Integrations
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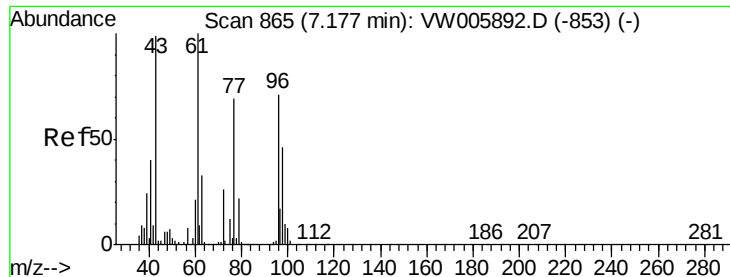
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#24
 1,1-Dichloroethane
 Concen: 18.957 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	68813		
98	7.5		3.5	10.6
100	4.7		2.4	7.1





#25

2-Butanone

Concen: 91.041 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 43 Resp: 53072

Ion Ratio Lower Upper

43 100

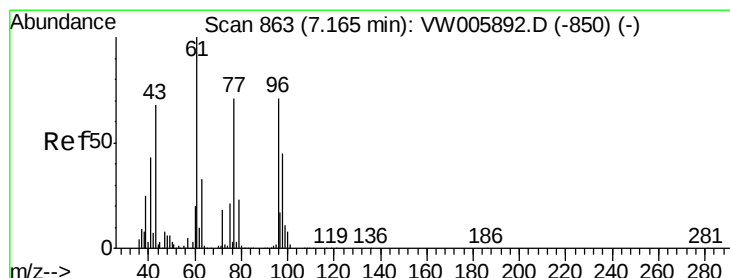
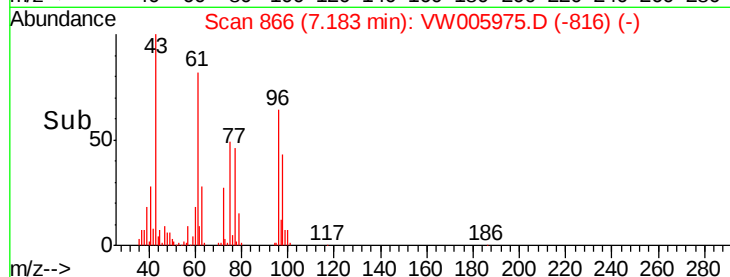
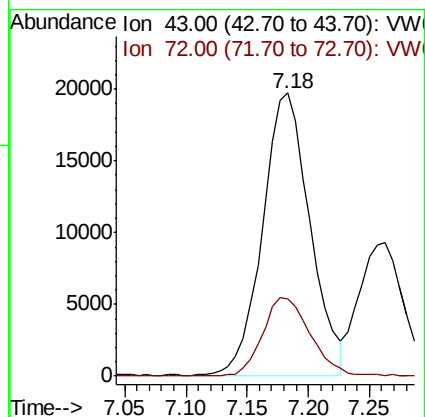
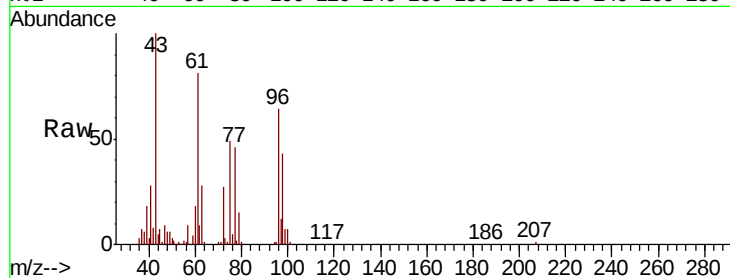
72 27.4 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 14.800 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW005975.D

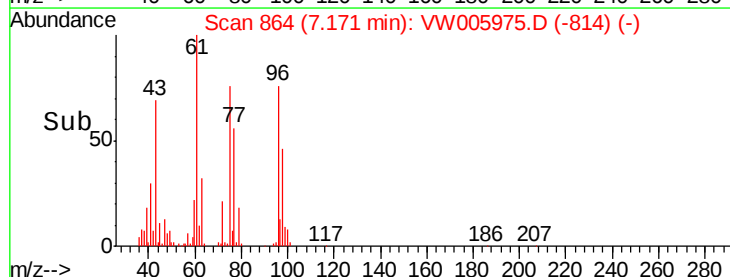
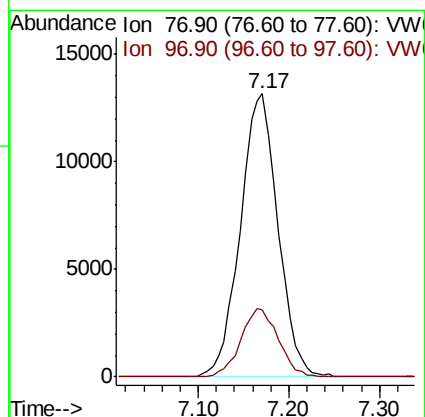
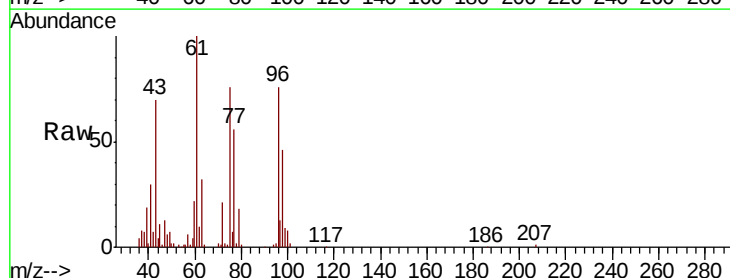
Acq: 10 Oct 2018 09:34

Tgt Ion: 77 Resp: 37810

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





#27

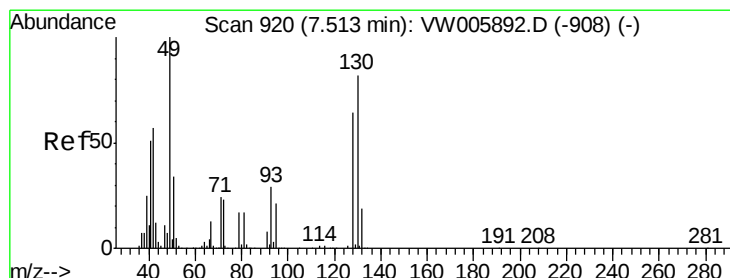
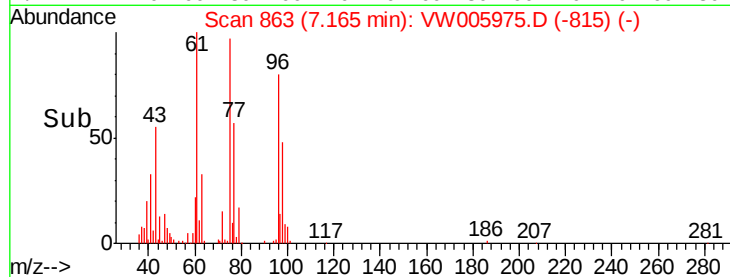
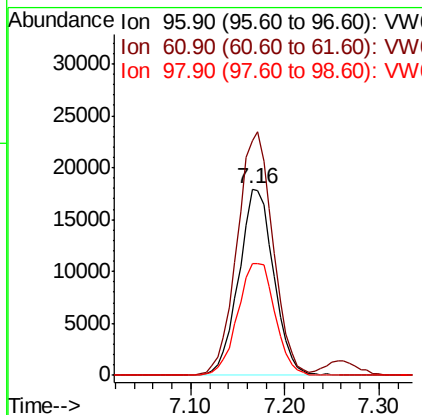
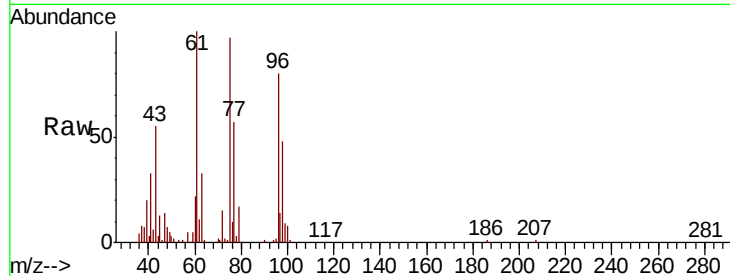
cis-1,2-Dichloroethene
 Concen: 20.302 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	284.0
98	63.9	0.0	129.8

Manual Integrations
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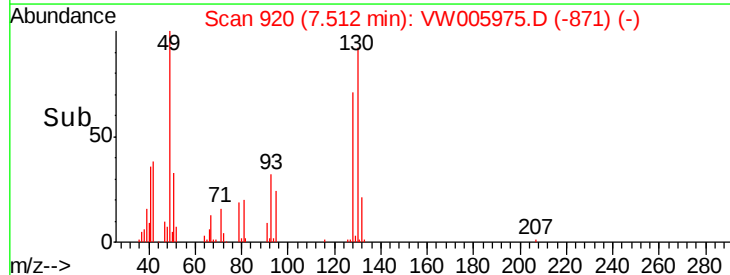
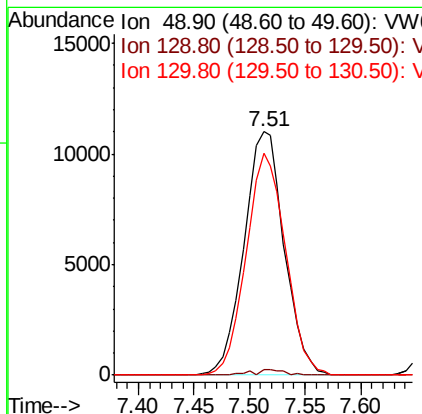
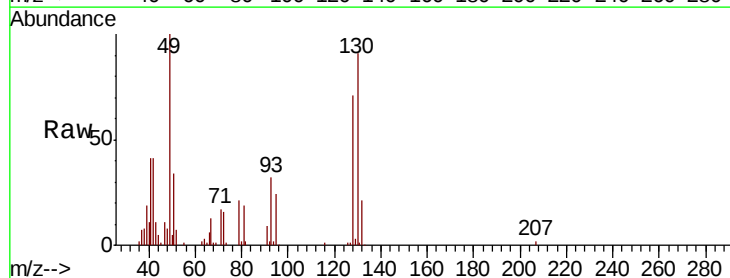
apatel
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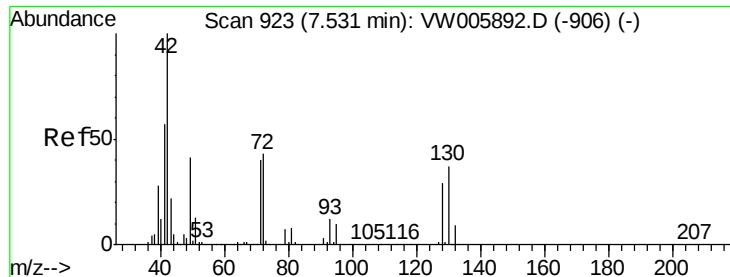


#28

Bromochloromethane
 Concen: 20.629 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	89.5	66.9	100.3





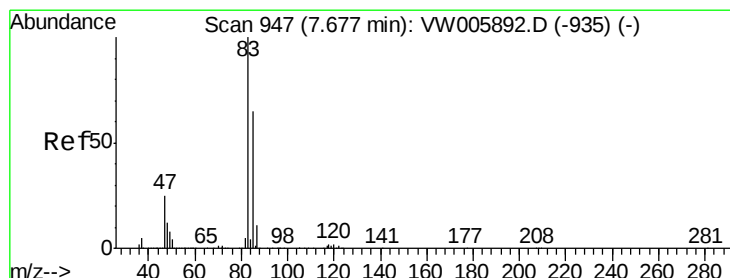
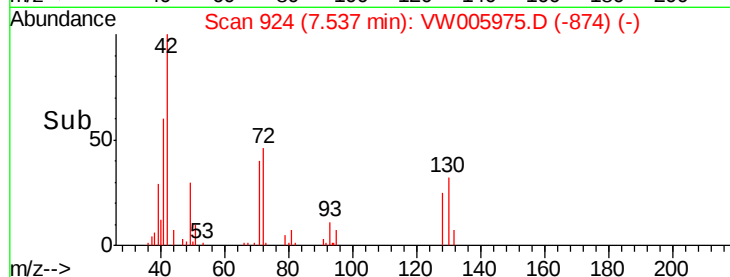
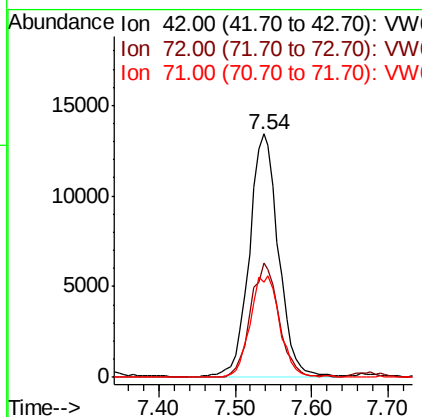
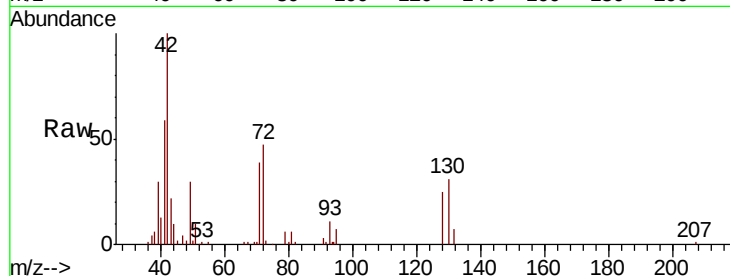
#29
Tetrahydrofuran
Concen: 97.331 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.6	51.8
71	41.8	32.6	49.0

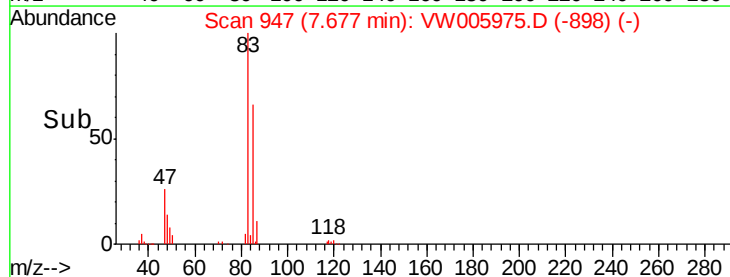
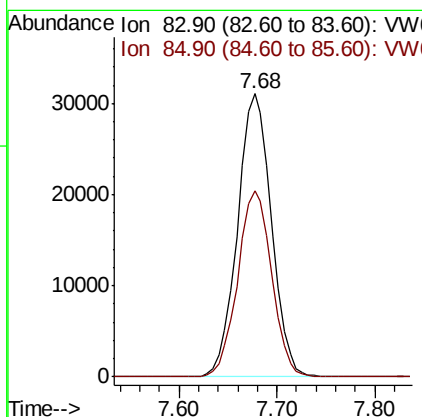
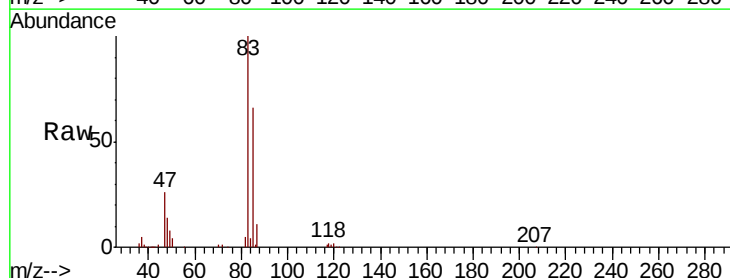
Manual Integrations
APPROVED

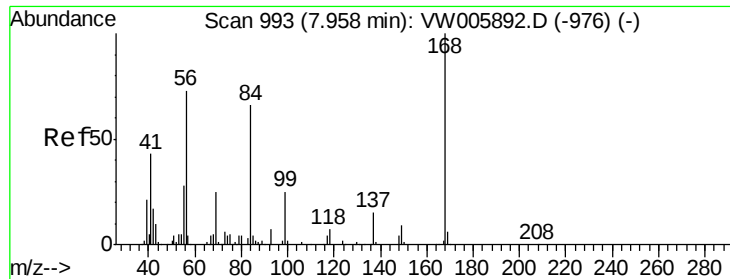
apatel
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#30
Chloroform
Concen: 19.960 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.6	77.4





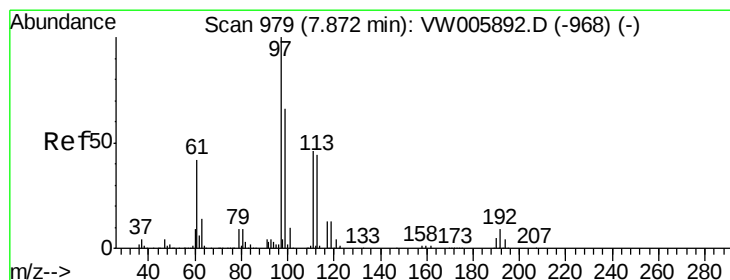
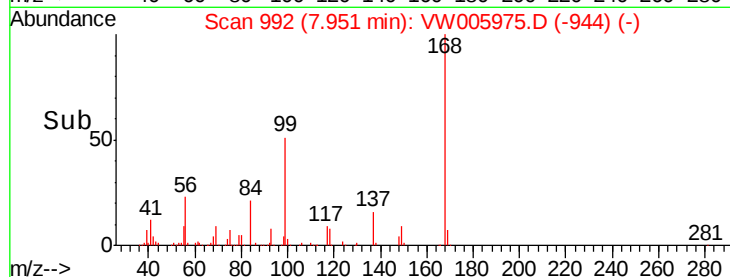
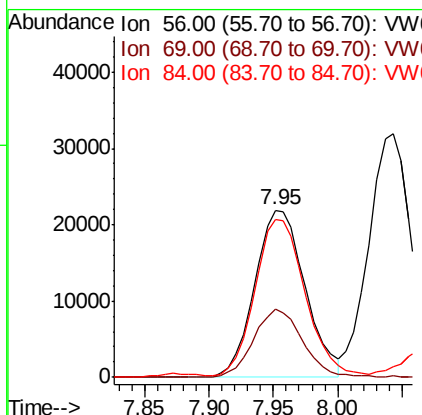
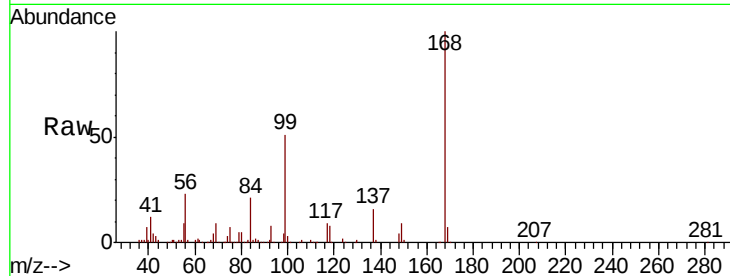
#31
Cyclohexane
Concen: 16.517 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.7	27.9	41.9
84	93.1	72.3	108.5

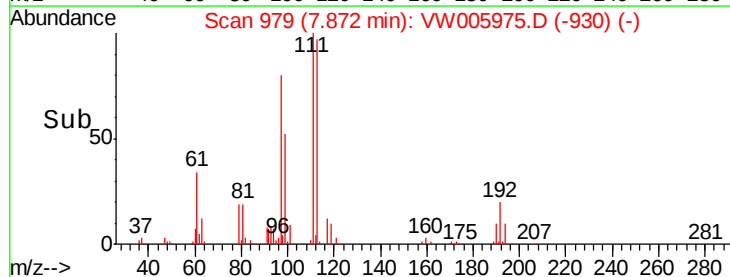
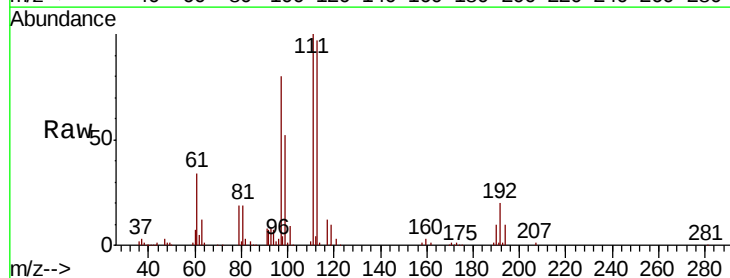
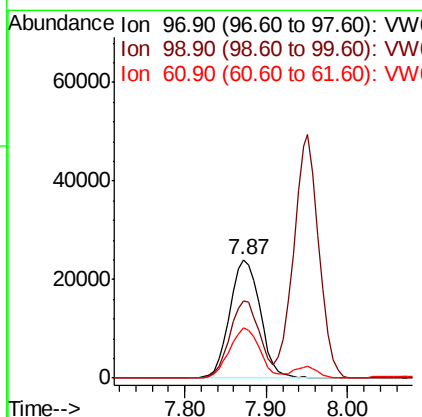
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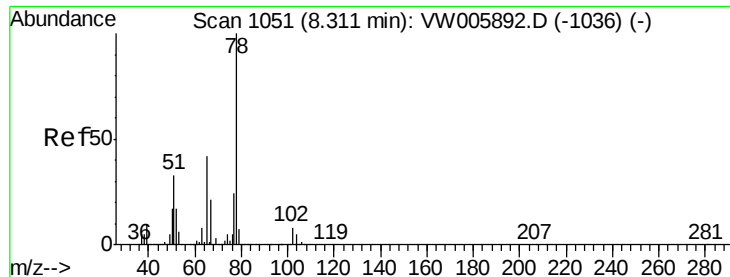
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.665 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	41.5	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 50.338 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 65 Resp: 103289

Ion Ratio Lower Upper

65 100

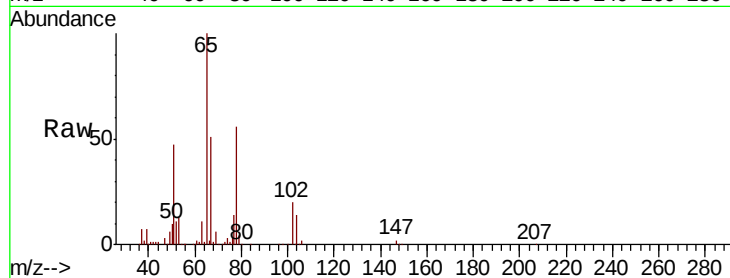
67 52.3 0.0 104.6

Manual Integrations

APPROVED

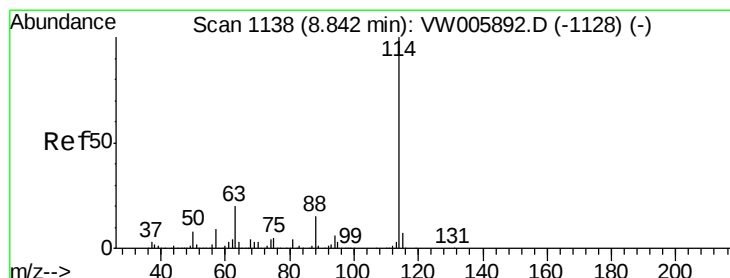
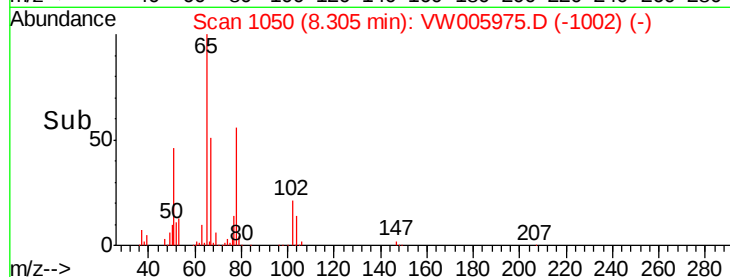
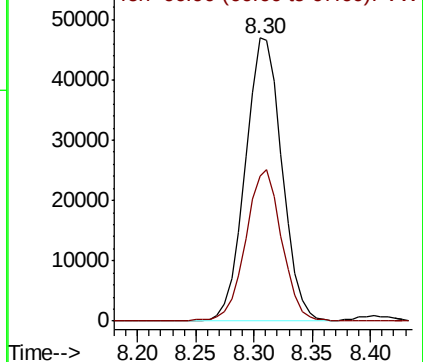
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

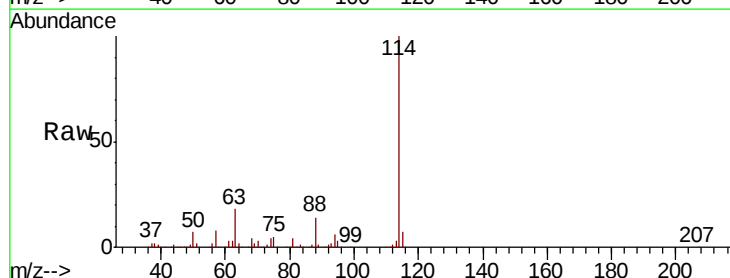
Tgt Ion: 114 Resp: 327369

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.2

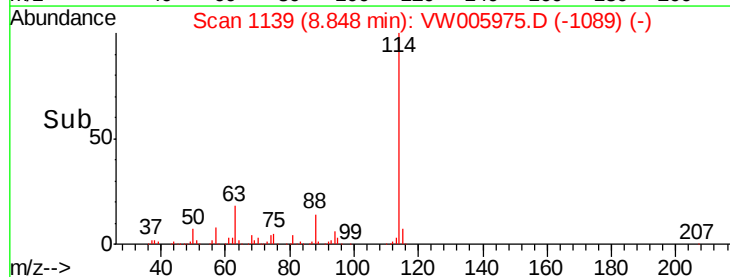
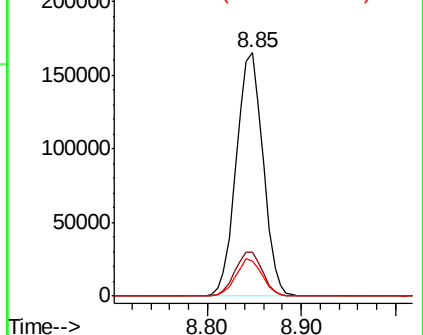
88 14.4 0.0 30.8

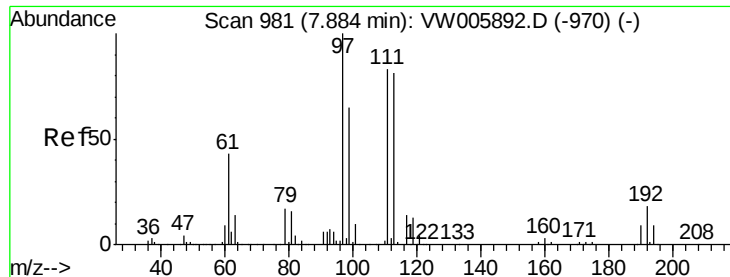


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





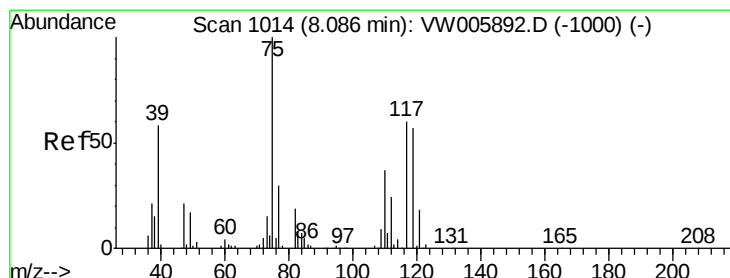
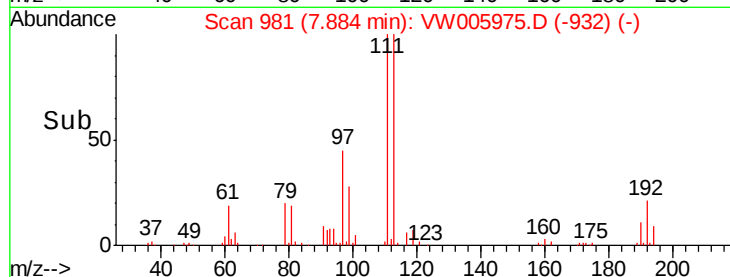
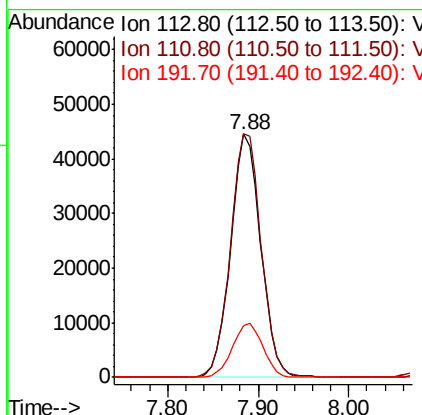
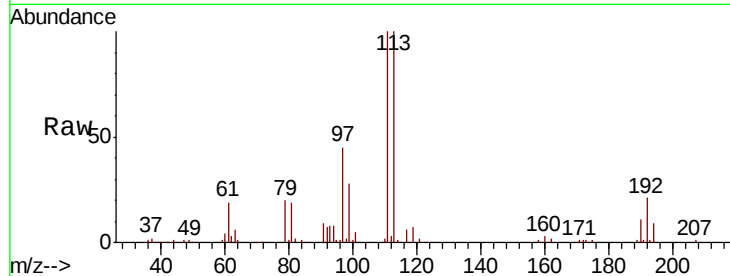
#35
 Dibromofluoromethane
 Concen: 49.362 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.0	123.0	
192	22.5	18.3	27.5	

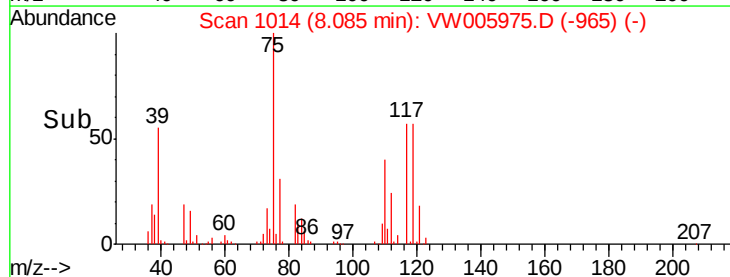
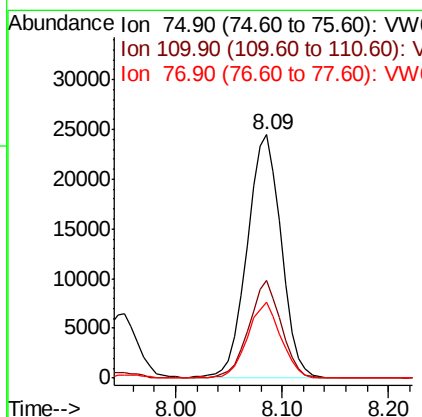
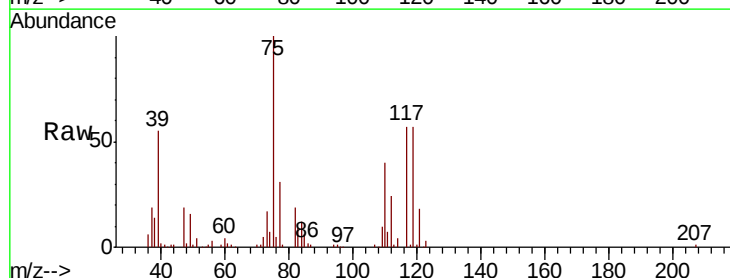
Manual Integrations
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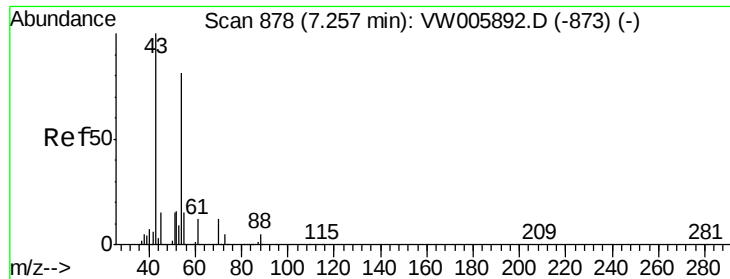
apatel
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#36
 1,1-Dichloropropene
 Concen: 17.464 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.0	18.6	56.0	
77	30.8	24.7	37.1	





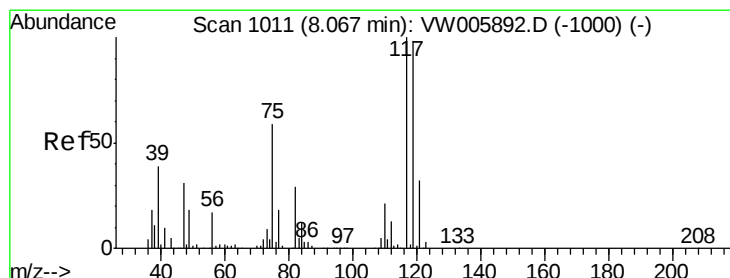
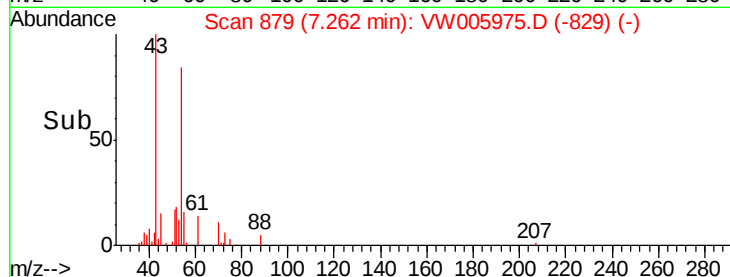
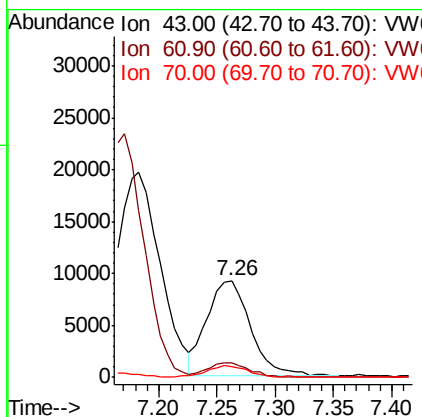
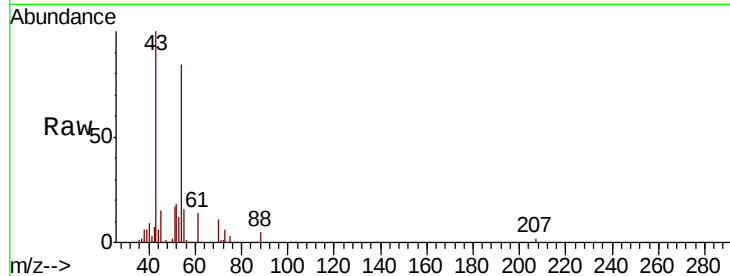
#37
Ethyl Acetate
Concen: 17.993 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.6	16.0
70	11.6	8.6	13.0

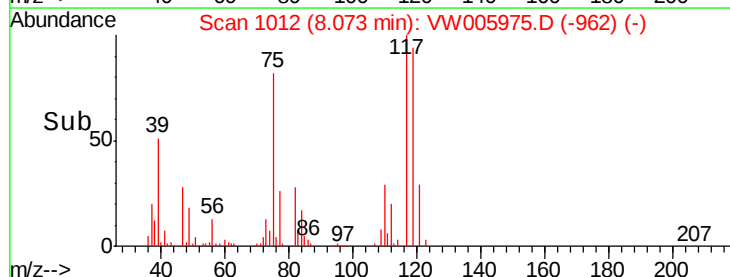
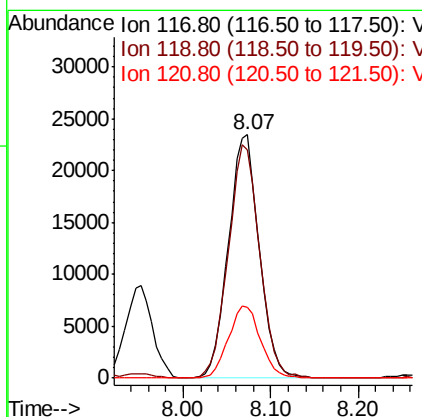
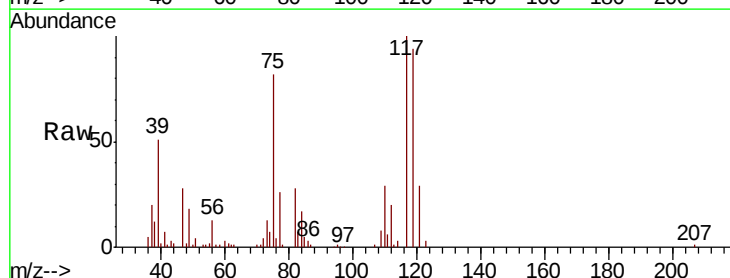
Manual Integrations
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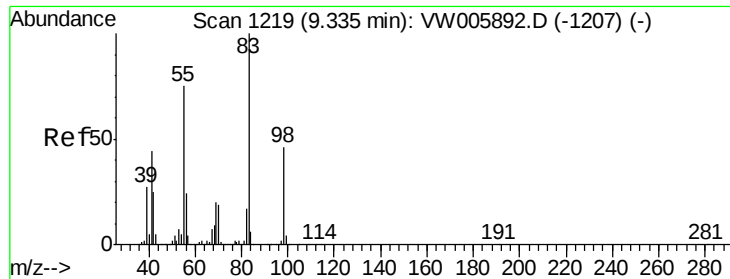
apatel
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#38
Carbon Tetrachloride
Concen: 17.102 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.6	117.8
121	29.2	25.3	37.9





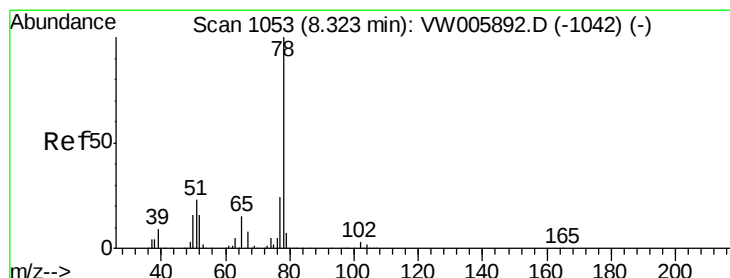
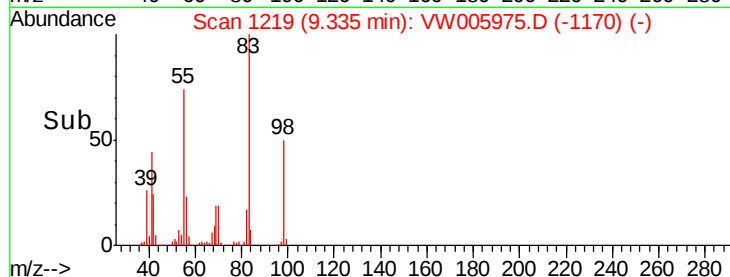
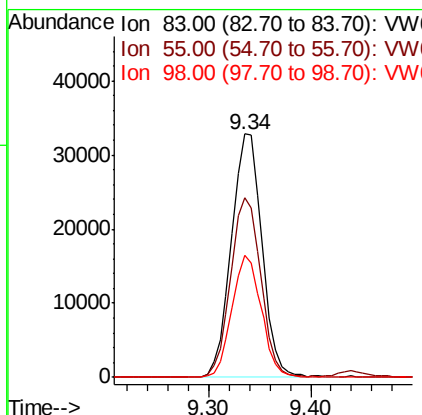
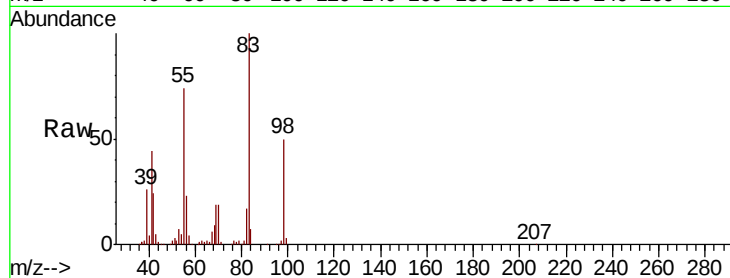
#39
Methvlcvclohexane
Concen: 16.486 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.8	89.6
98	49.9	37.1	55.7

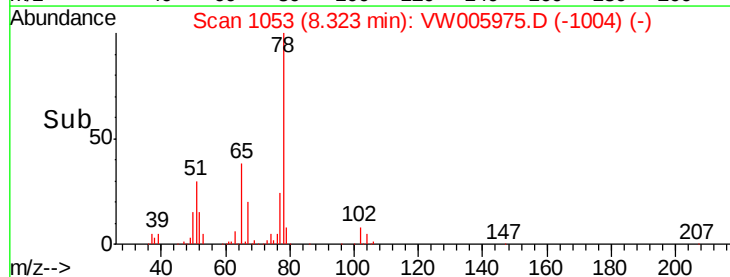
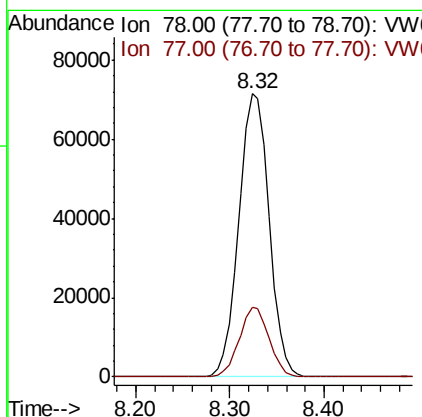
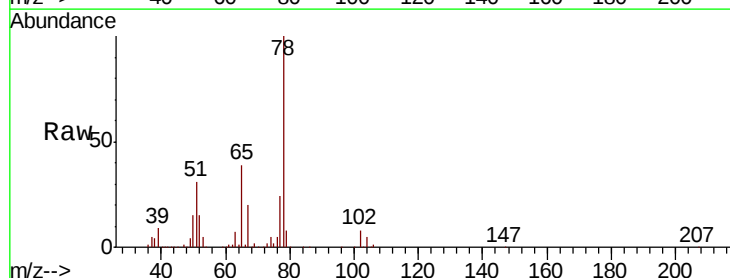
Manual Integrations
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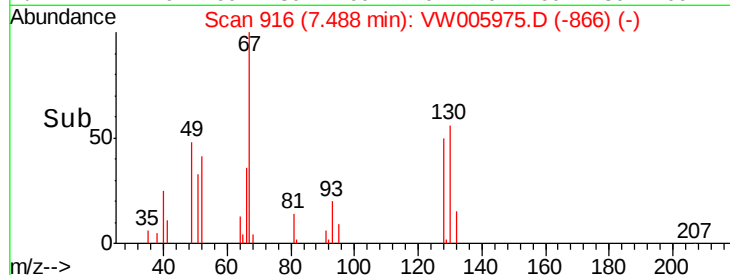
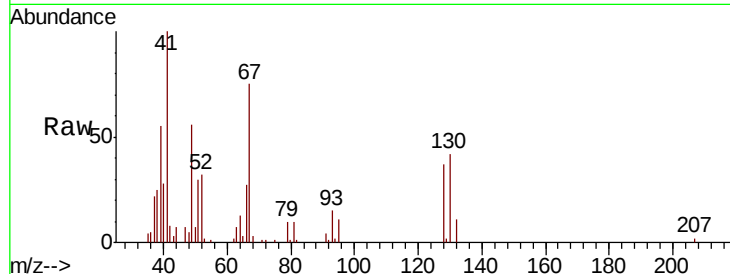
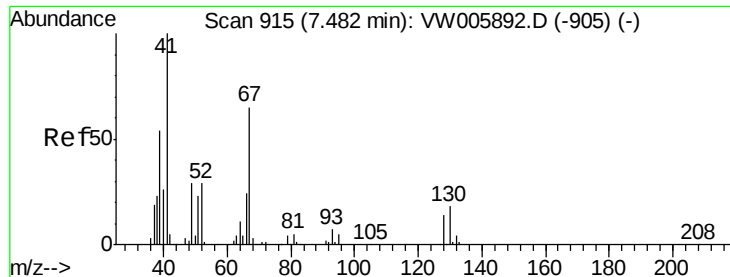
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#40
Benzene
Concen: 18.752 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





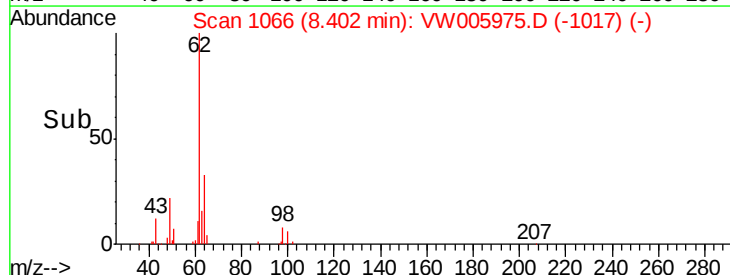
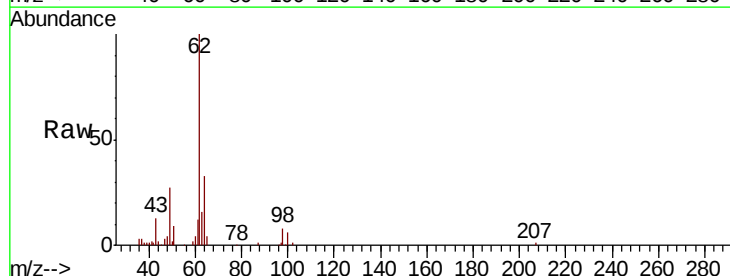
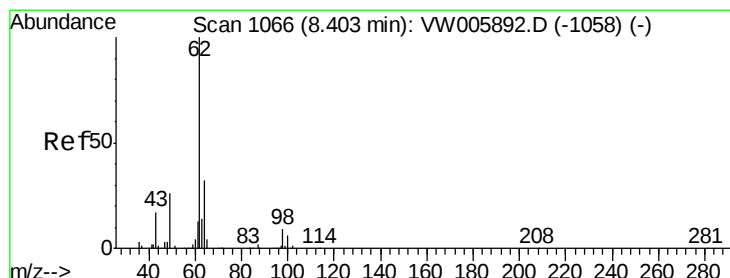
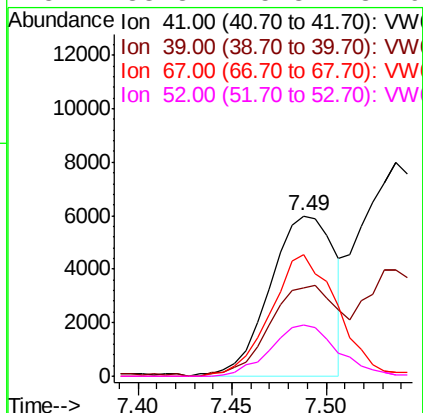
#41
Methacrylonitrile
Concen: 17.138 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.6	45.0	67.4
67	77.7	55.8	83.8
52	33.3	25.3	37.9

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

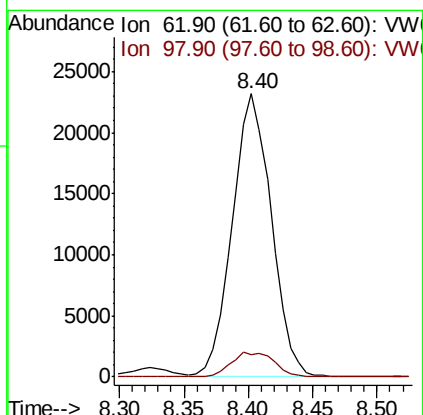
Manual Integrations
APPROVED

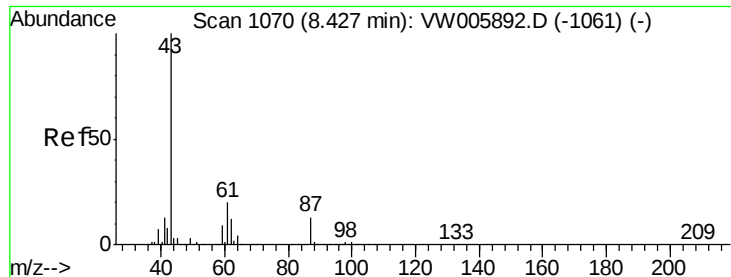
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10/11/2018 10:30:23 AM



#42
1,2-Dichloroethane
Concen: 18.808 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0





#43

Isopropyl Acetate

Concen: 17.567 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

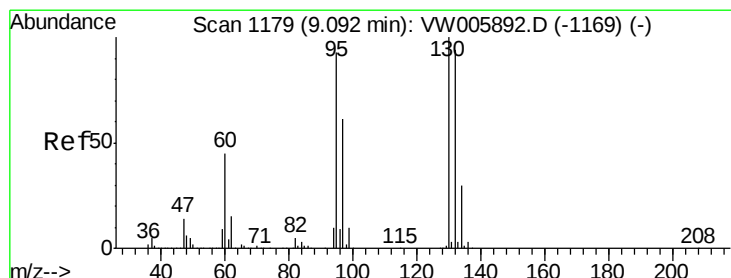
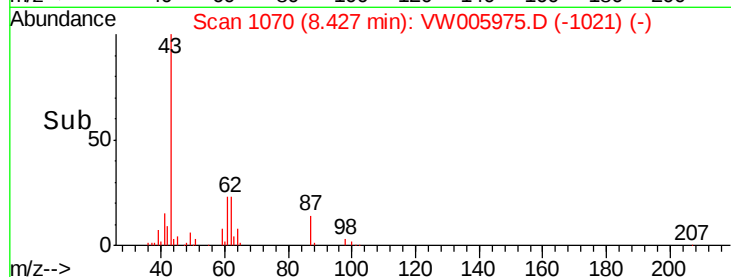
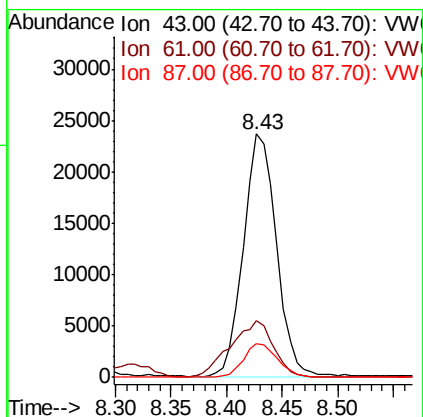
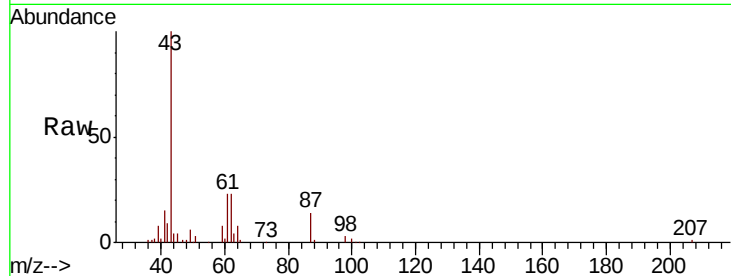
ClientSampleId :

VW1010SBS02

Tot Ion:	43	Resp:	48746
Ion	Ratio	Lower	Upper
43	100		
61	30.3	23.1	34.7
87	14.3	10.7	16.1

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#44

Trichloroethene

Concen: 19.023 ug/l

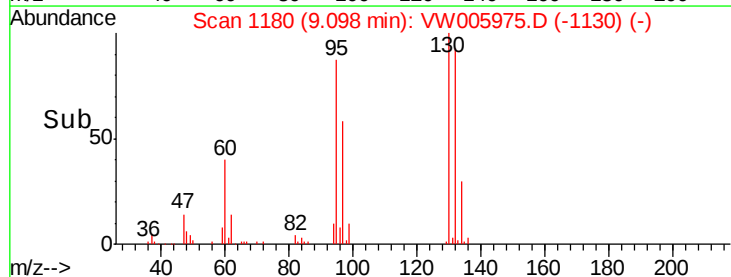
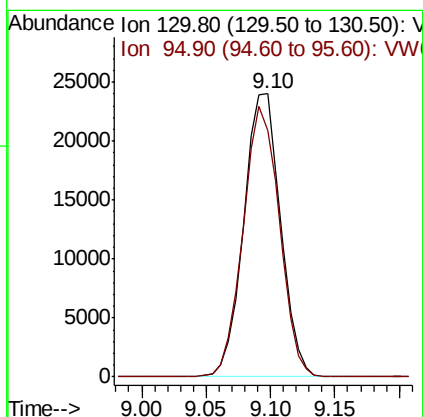
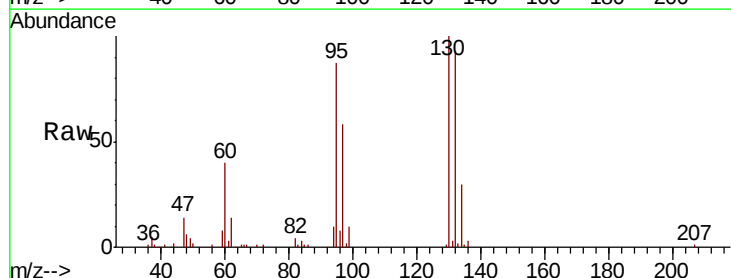
RT: 9.10 min Scan# 1180

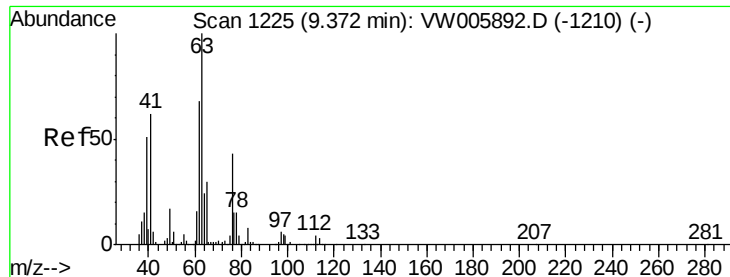
Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Tgt Ion:	130	Resp:	47387
Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.794 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 63 Resp: 40388

Ion Ratio Lower Upper

63 100

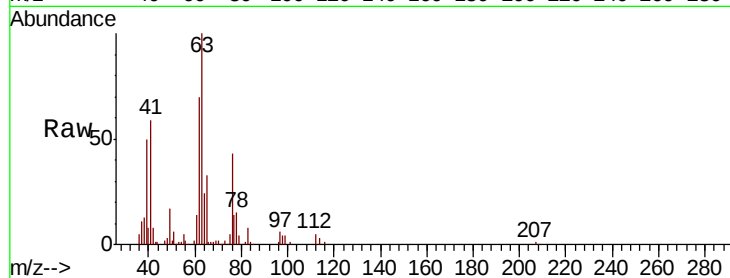
65 32.7 24.3 36.5

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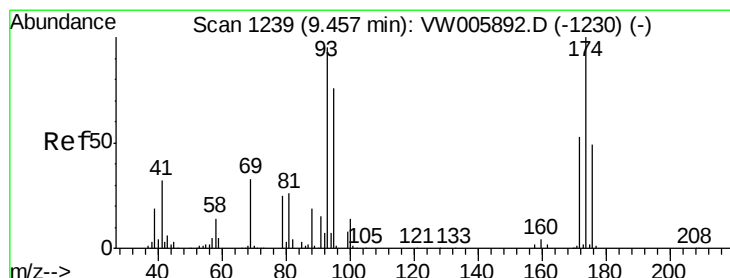
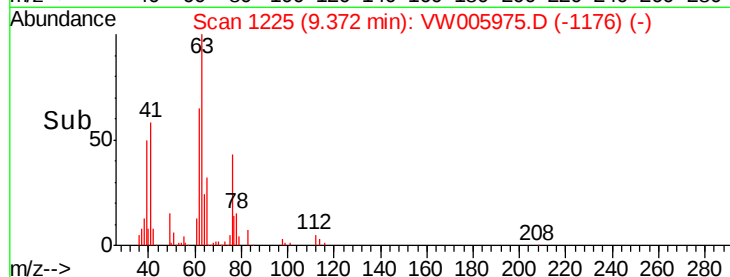
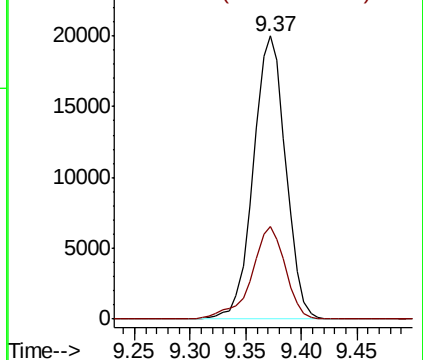
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.559 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

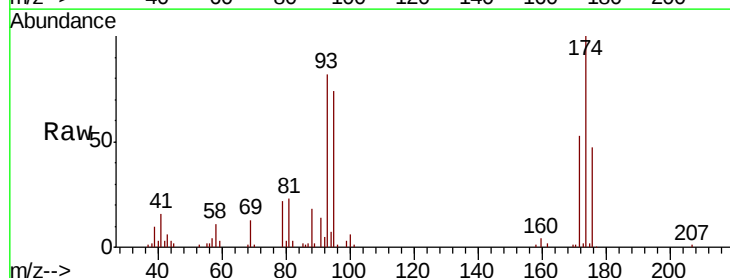
Tgt Ion: 93 Resp: 23101

Ion Ratio Lower Upper

93 100

95 85.3 66.6 99.8

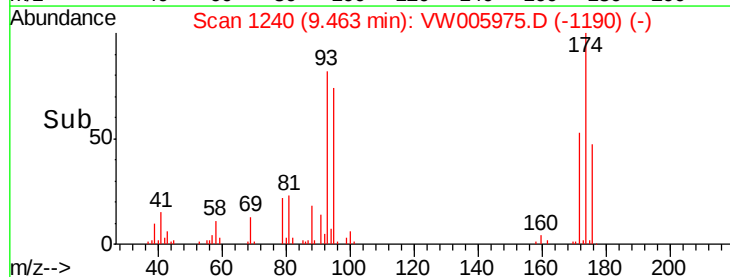
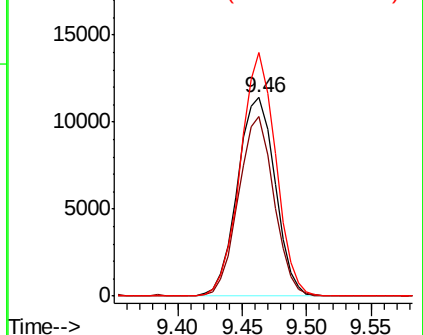
174 114.7 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.247 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

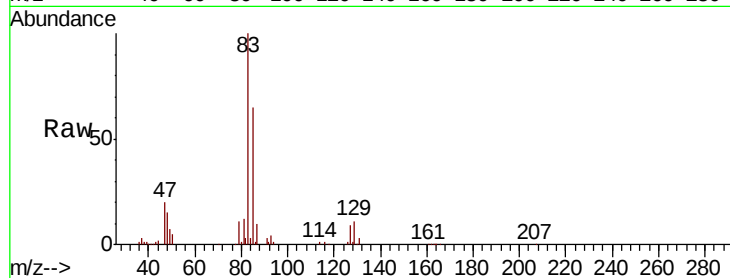
ClientSampleId :

VW1010SBS02

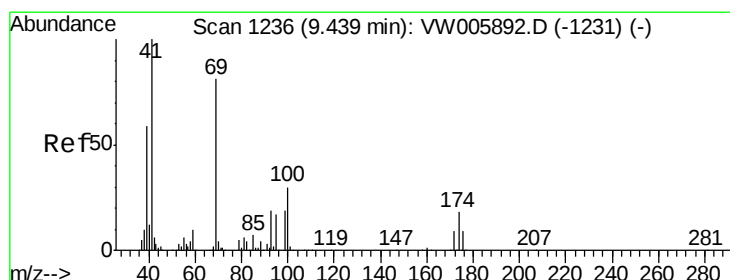
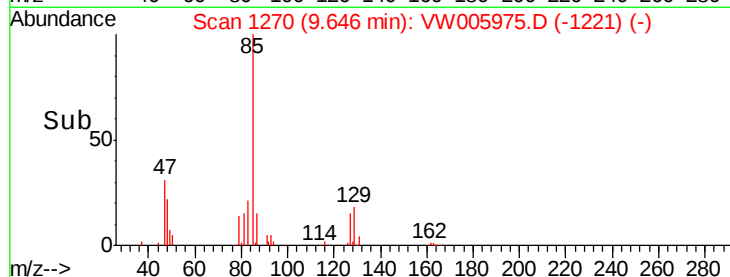
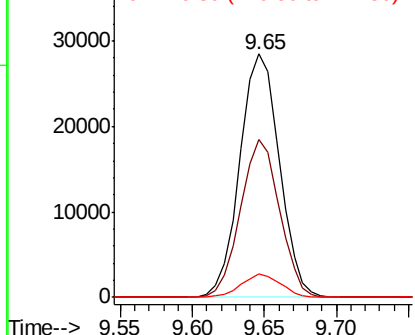
Tot Ion:	83	Resp:	54234
Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.0	79.6
127	9.4	7.4	11.0

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



#48

Methyl methacrylate

Concen: 17.388 ug/l

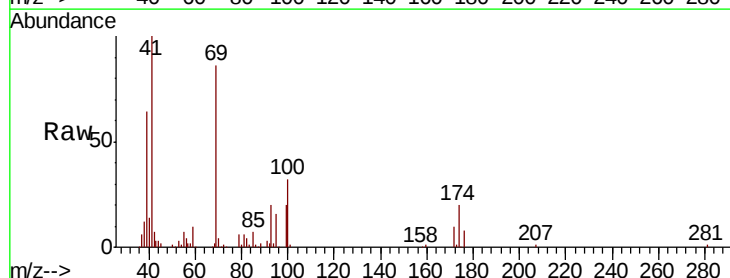
RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

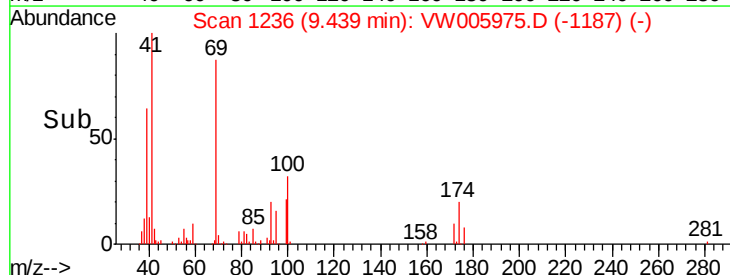
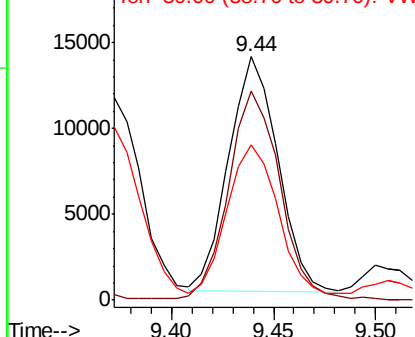
Lab File: VW005975.D

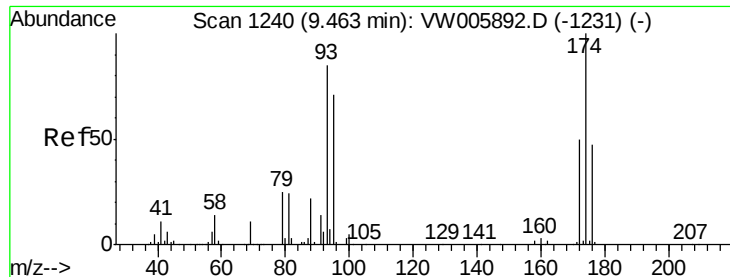
Acq: 10 Oct 2018 09:34

Tgt Ion:	41	Resp:	22984
Ion	Ratio	Lower	Upper
41	100		
69	93.7	68.7	103.1
39	70.6	50.0	75.0



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





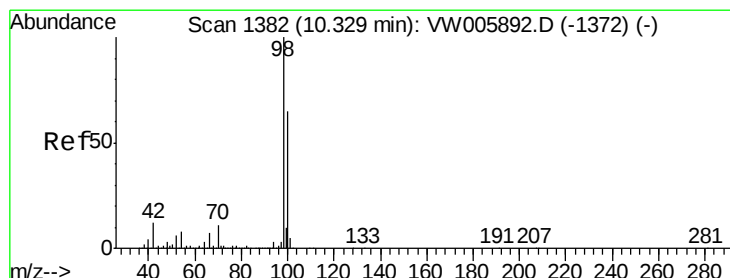
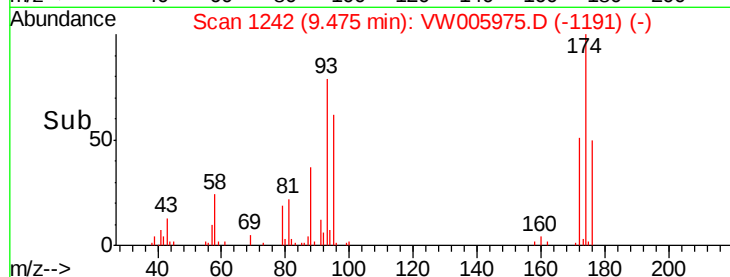
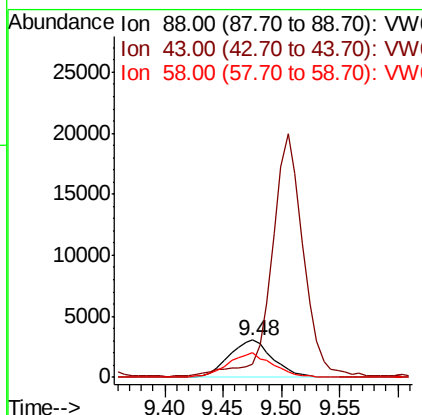
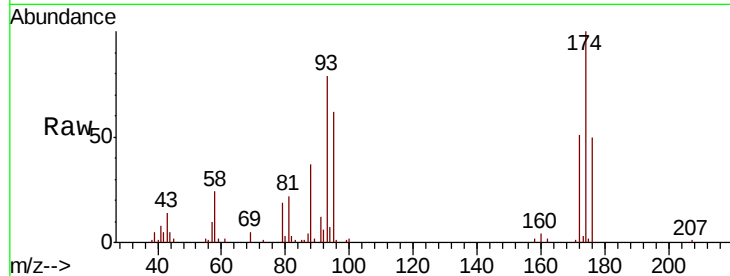
#49
1,4-Dioxane
Concen: 445.135 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	88	Resp	7986
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.2	57.7	86.5

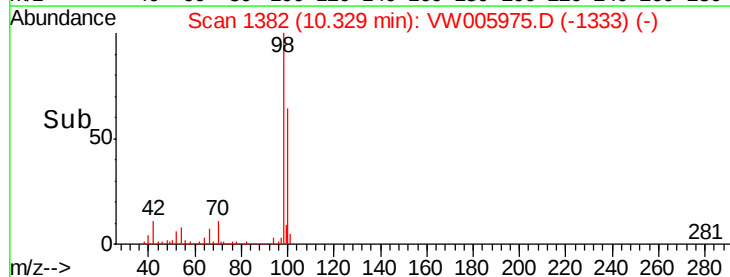
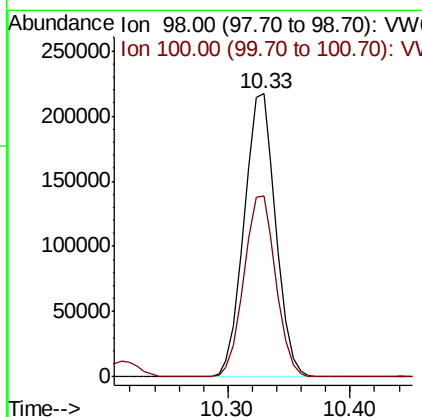
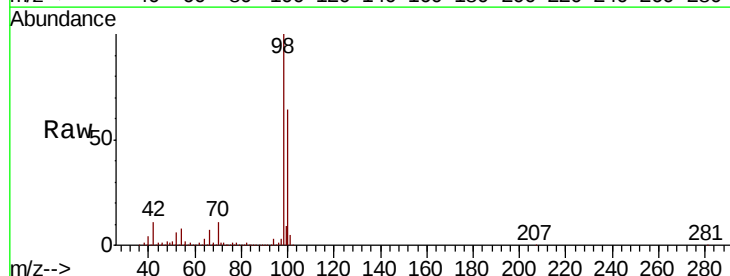
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#50
Toluene-d8
Concen: 48.374 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	98	Resp	388998
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 93.633 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 43 Resp: 126521

Ion Ratio Lower Upper

43 100

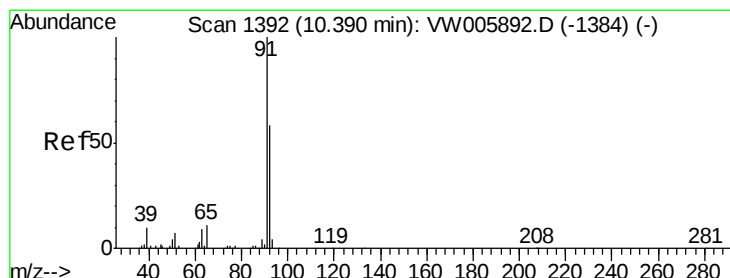
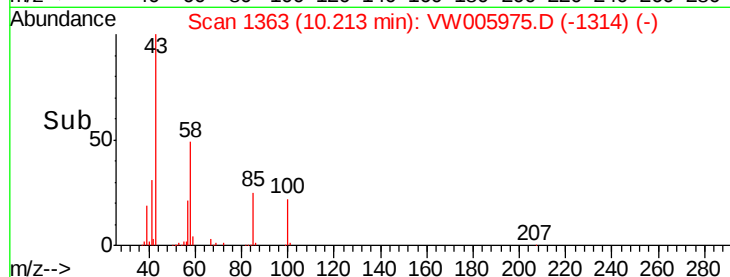
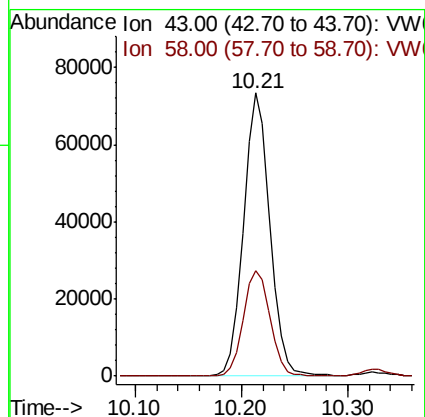
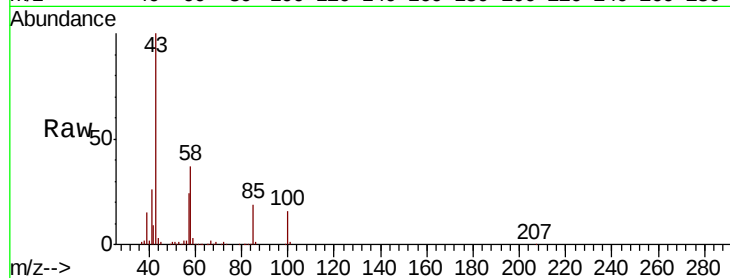
58 38.2 30.2 45.4

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#52

Toluene

Concen: 18.738 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005975.D

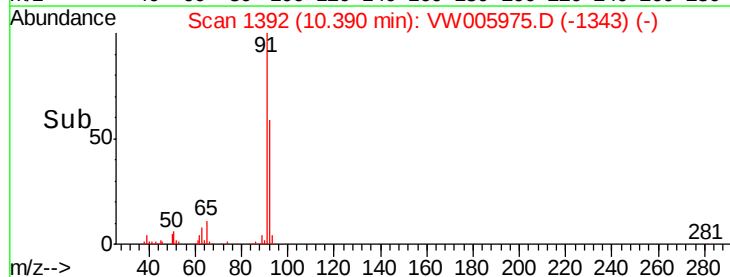
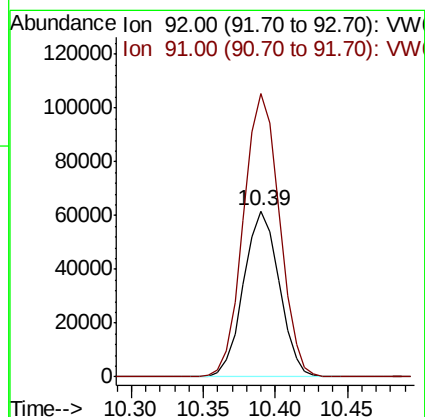
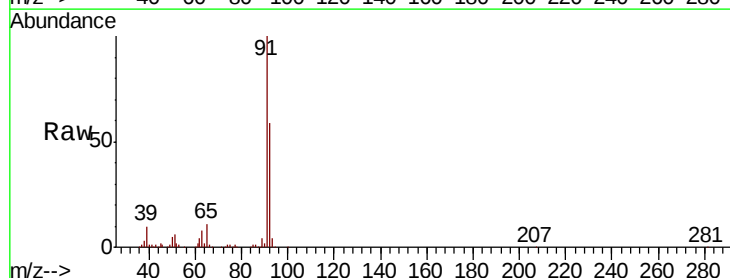
Acq: 10 Oct 2018 09:34

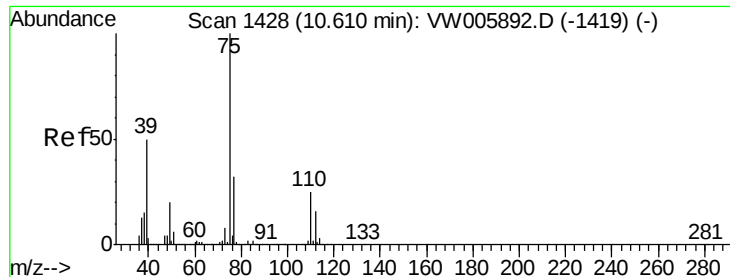
Tgt Ion: 92 Resp: 105684

Ion Ratio Lower Upper

92 100

91 173.0 138.2 207.4





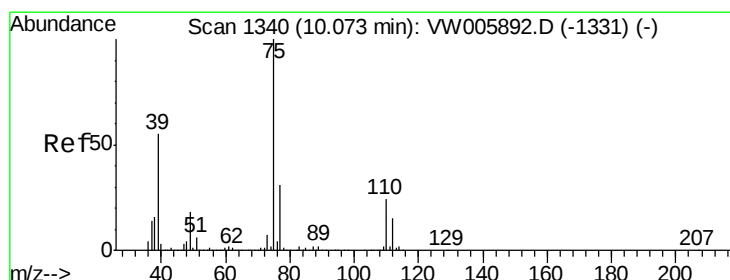
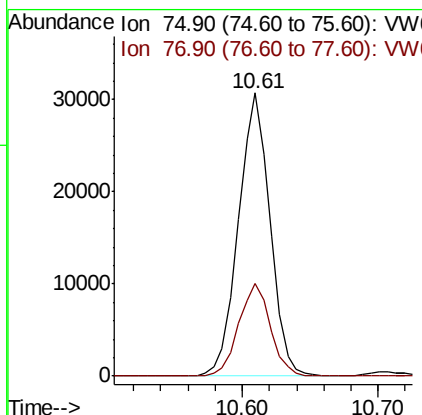
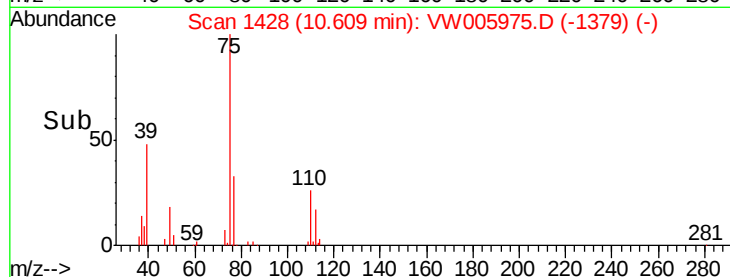
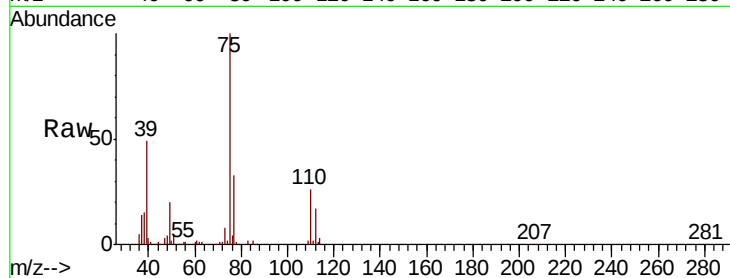
#53
t-1,3-Dichloropropene
Concen: 15.979 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion: 75 Resp: 49630
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

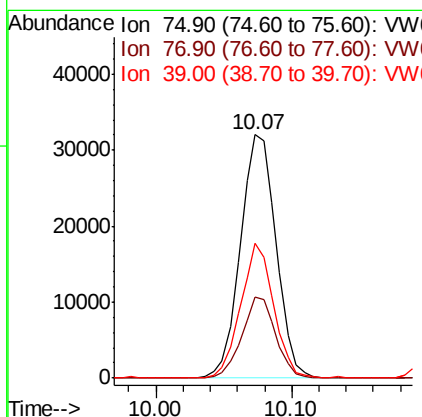
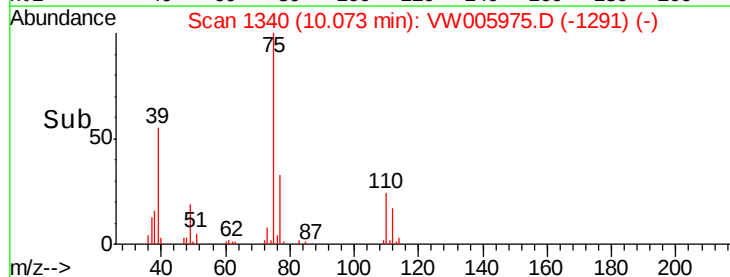
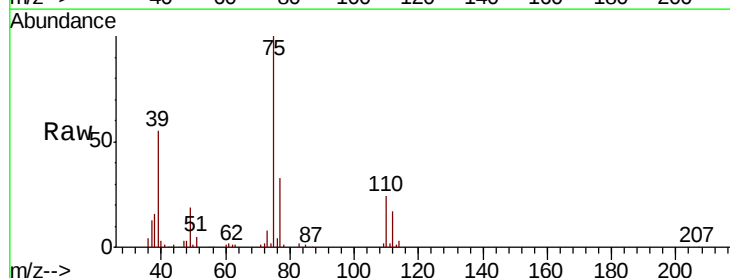
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#54
cis-1,3-Dichloropropene
Concen: 16.754 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion: 75 Resp: 58497
Ion Ratio Lower Upper
75 100
77 33.1 24.6 37.0
39 54.9 44.2 66.4





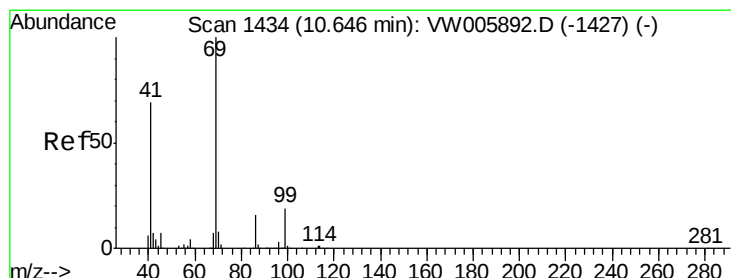
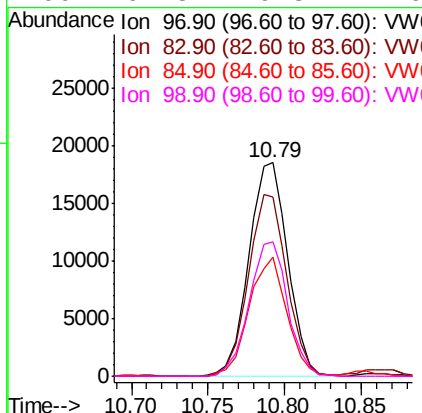
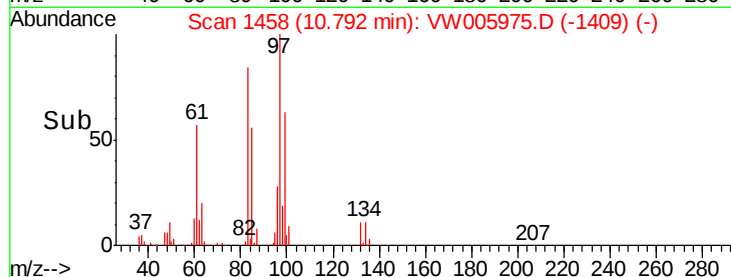
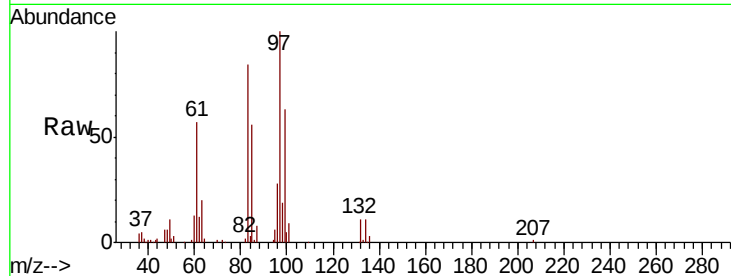
#55
 1,1,2-Trichloroethane
 Concen: 20.008 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion:	97	Resp:	32732
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.9	100.3
85	55.8	43.4	65.0
99	62.8	49.8	74.6

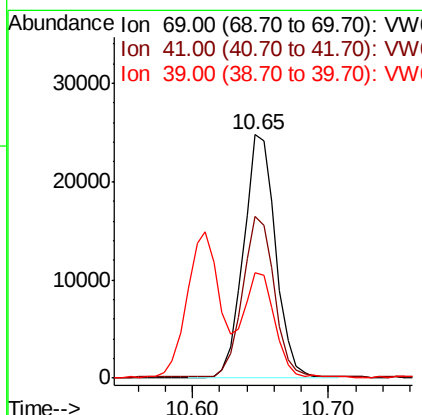
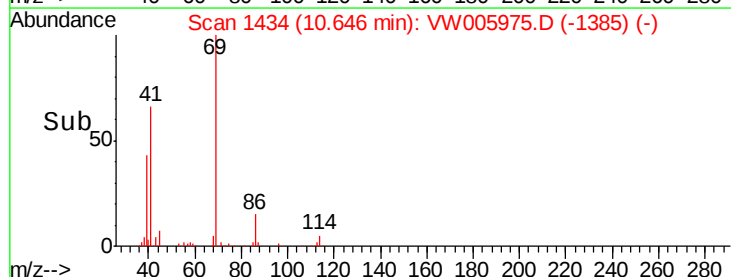
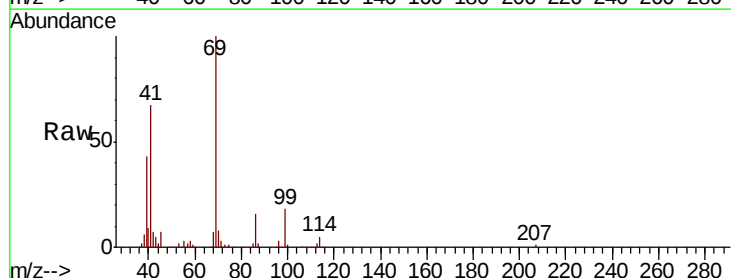
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#56
 Ethyl methacrylate
 Concen: 18.537 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion:	69	Resp:	40873
Ion	Ratio	Lower	Upper
69	100		
41	65.3	56.0	84.0
39	41.7	33.5	50.3





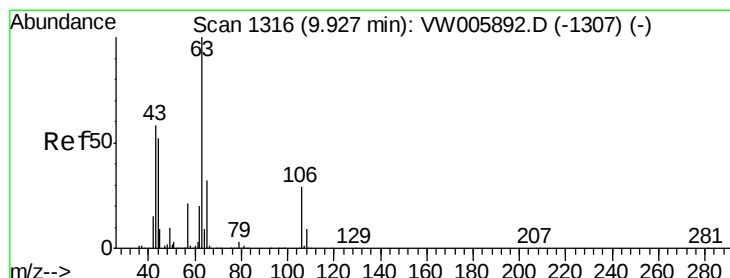
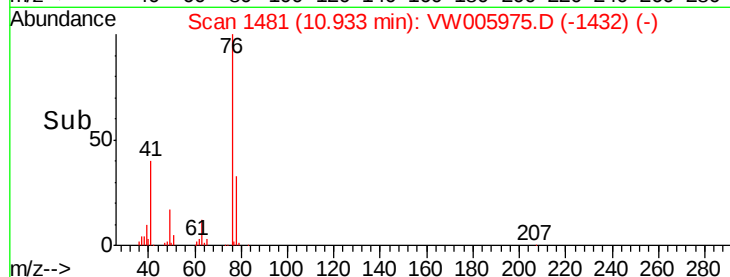
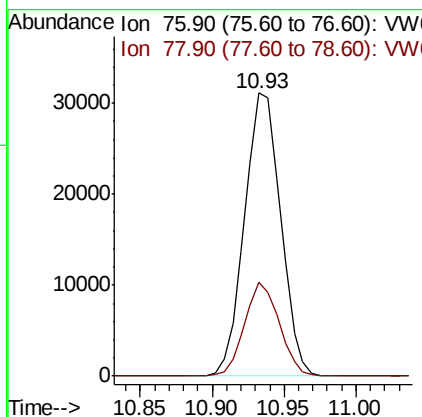
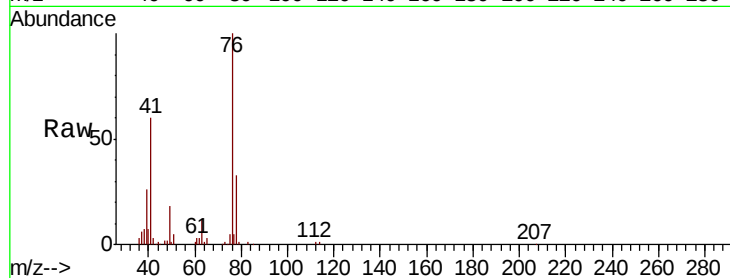
#57
 1,3-Dichloropropane
 Concen: 19.691 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.6

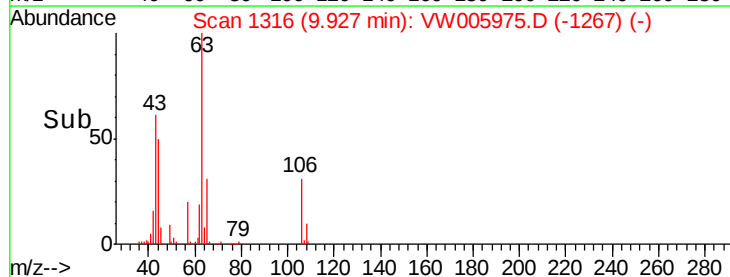
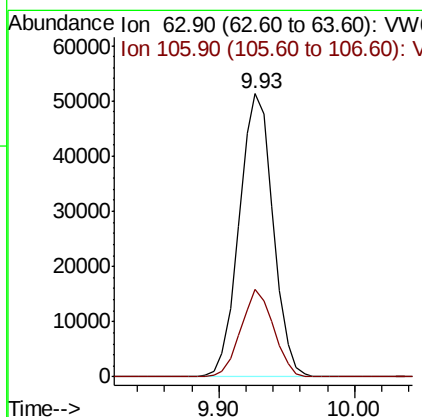
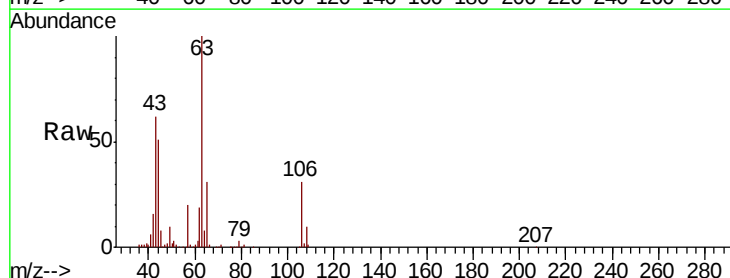
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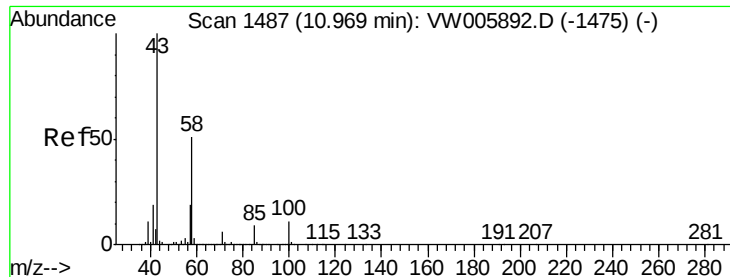
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.289 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.6	35.4





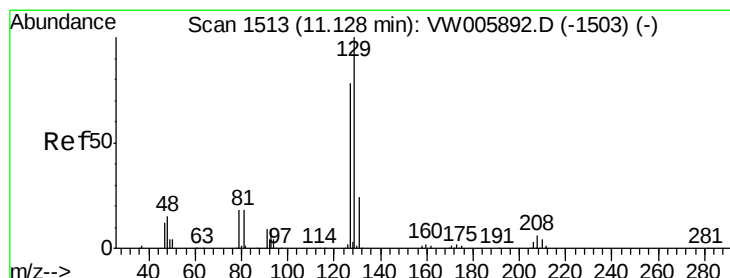
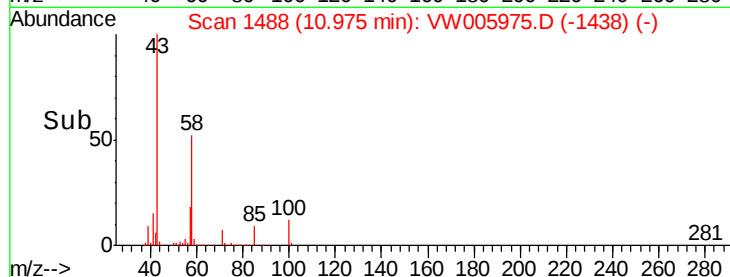
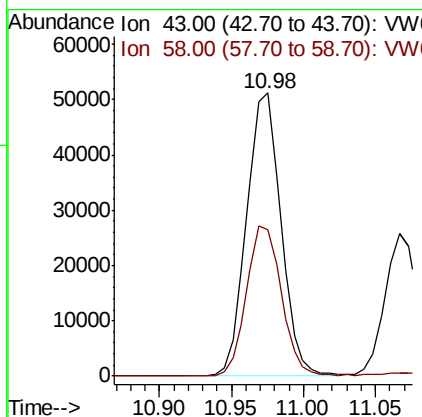
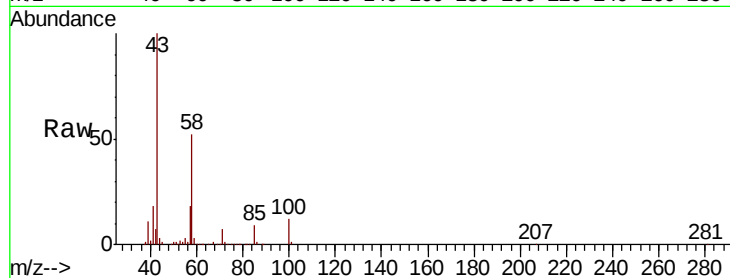
#59
2-Hexanone
Concen: 87.018 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion: 43 Resp: 84309
Ion Ratio Lower Upper
43 100
58 54.0 25.7 77.1

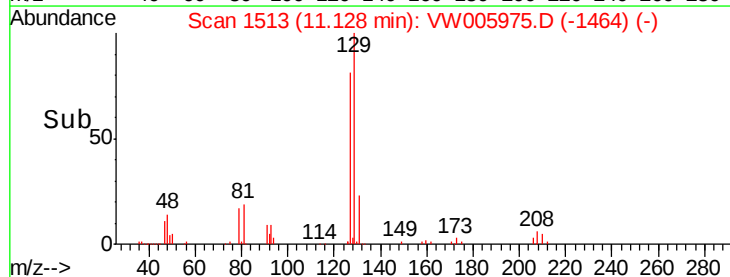
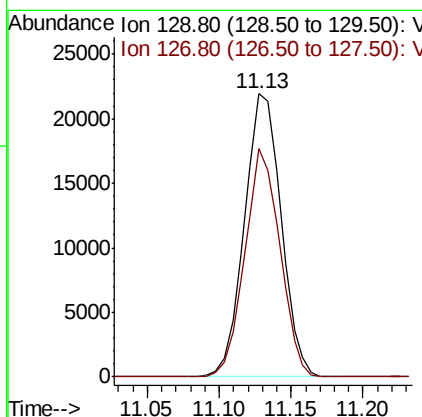
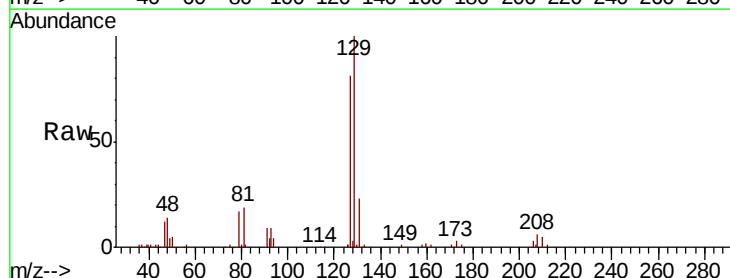
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#60
Dibromochloromethane
Concen: 18.332 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion: 129 Resp: 38701
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





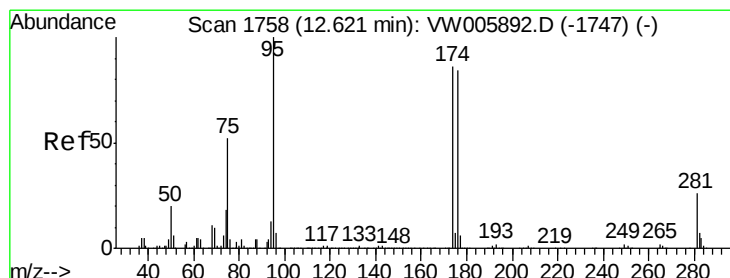
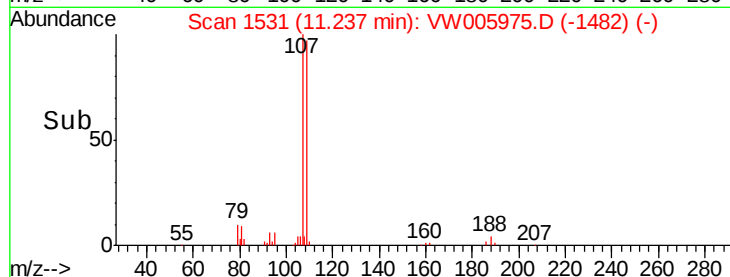
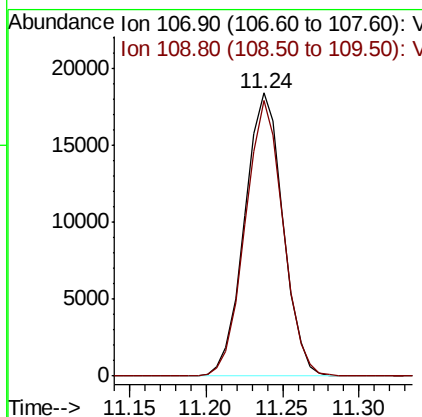
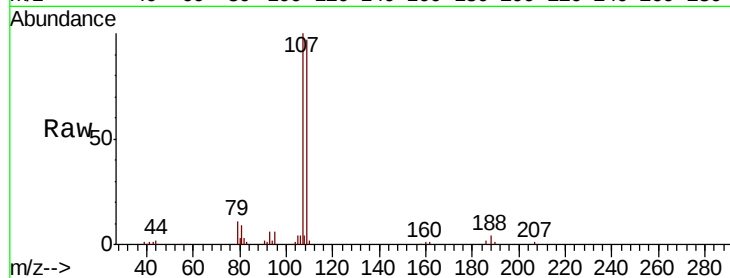
#61
 1,2-Dibromoethane
 Concen: 19.650 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.8	113.8

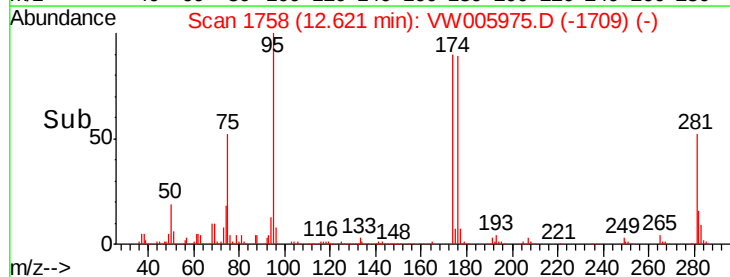
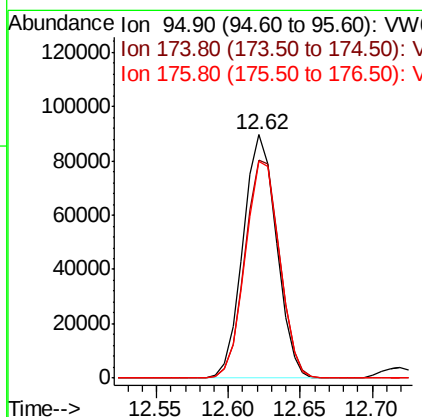
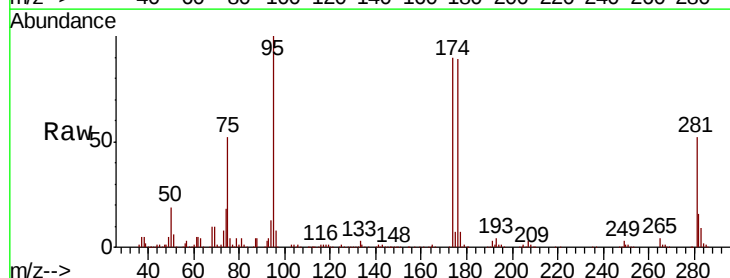
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#62
 4-Bromofluorobenzene
 Concen: 47.127 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	176.4
176	91.0	0.0	173.0





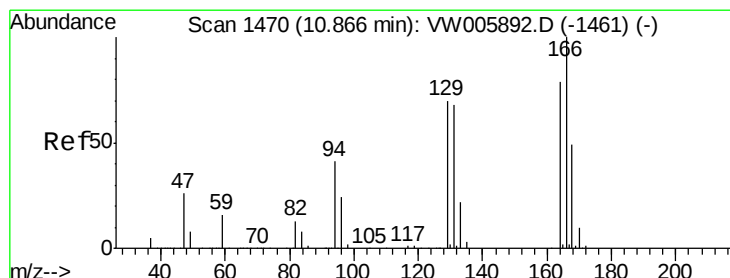
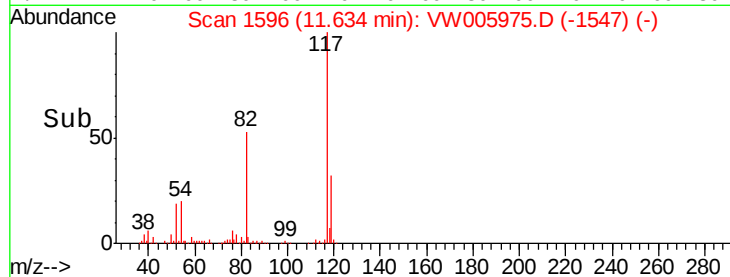
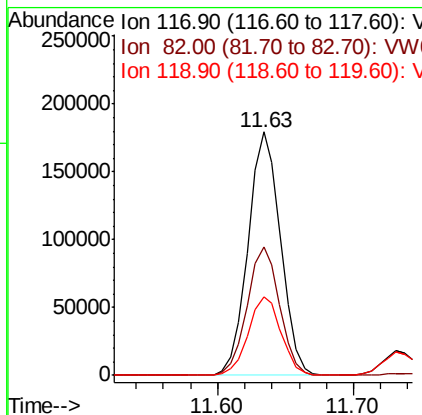
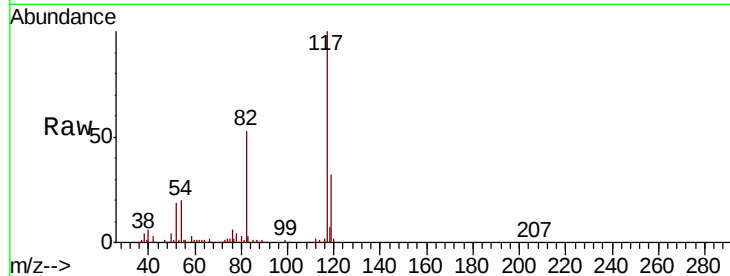
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299821		
82	52.6		43.5	65.3
119	32.4		25.4	38.2

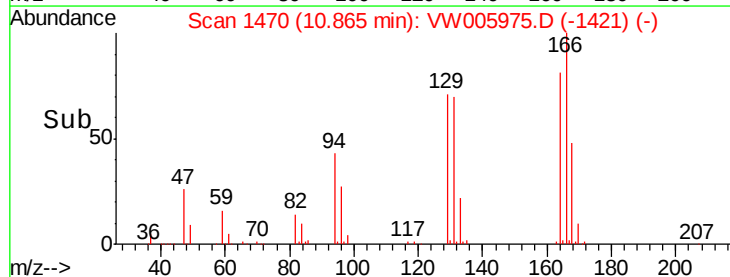
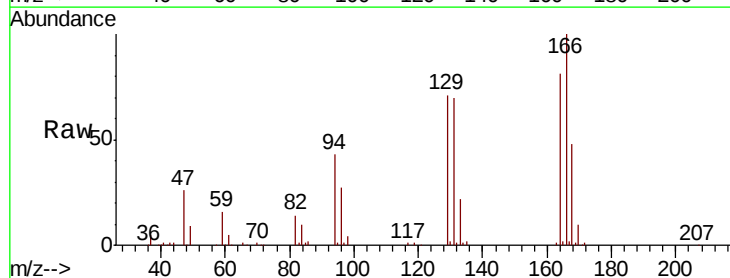
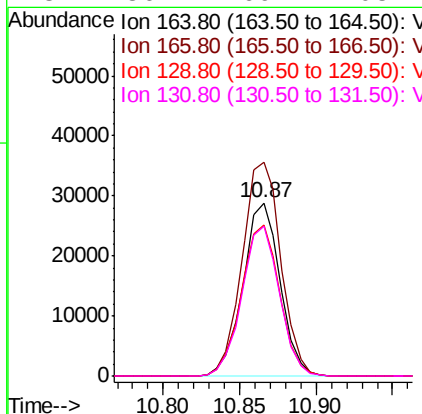
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#64
Tetrachloroethene
Concen: 21.684 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48428		
166	123.3		101.5	152.3
129	87.1		71.1	106.7
131	86.1		69.1	103.7





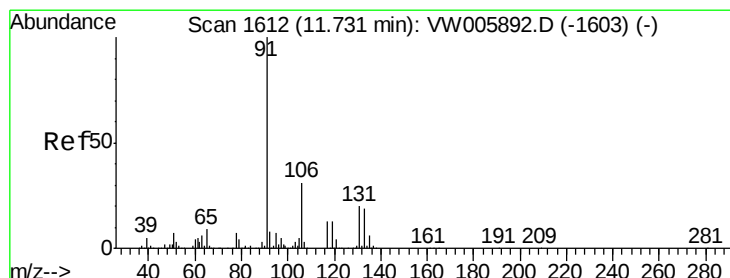
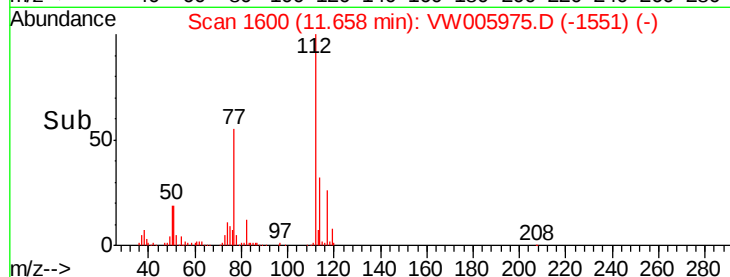
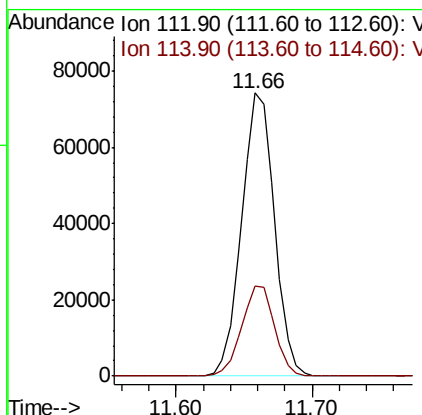
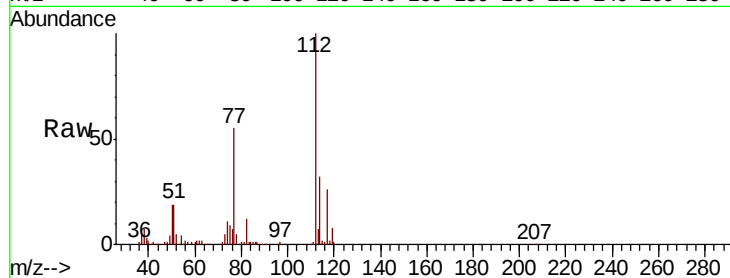
#65
Chlorobenzene
Concen: 19.480 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4

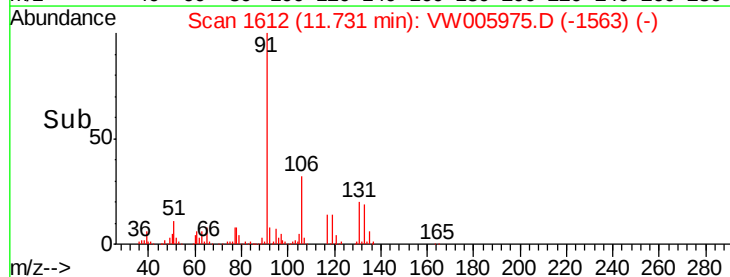
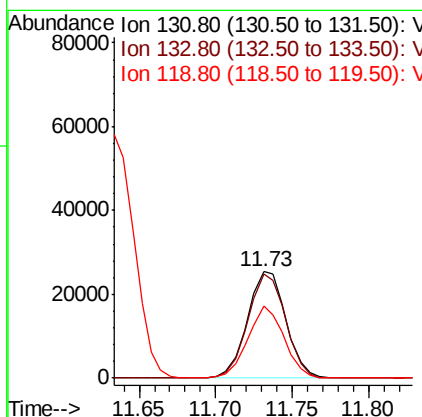
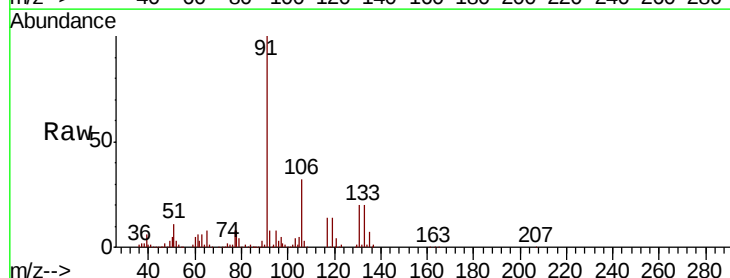
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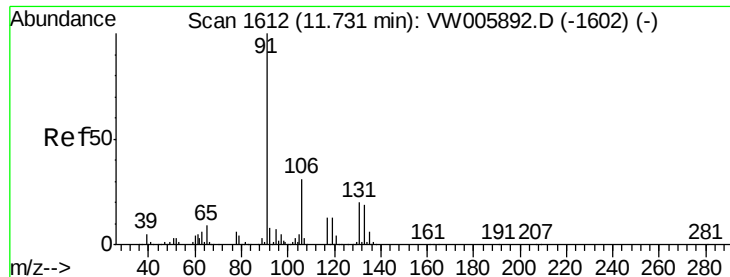
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.817 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.2	144.6
119	63.9	32.5	97.5





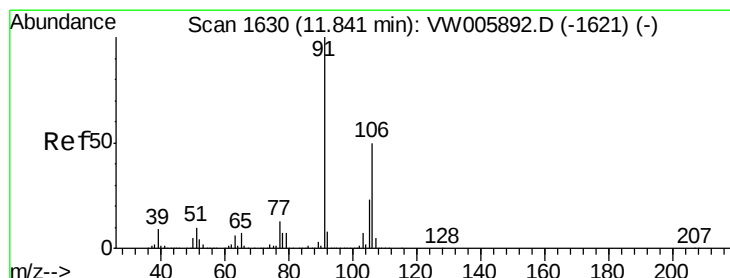
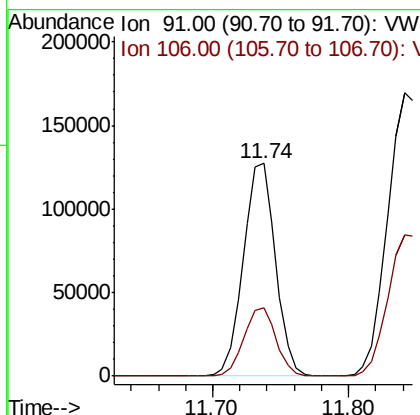
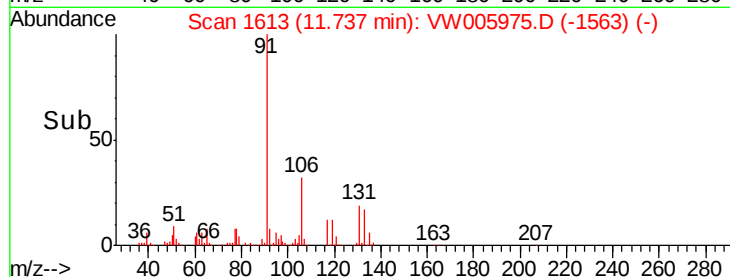
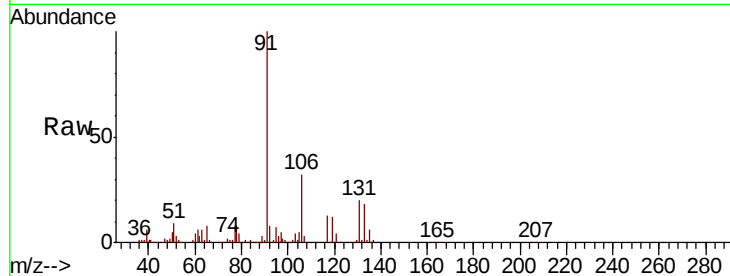
#67
Ethyl Benzene
Concen: 18.568 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion: 91 Resp: 210632
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6

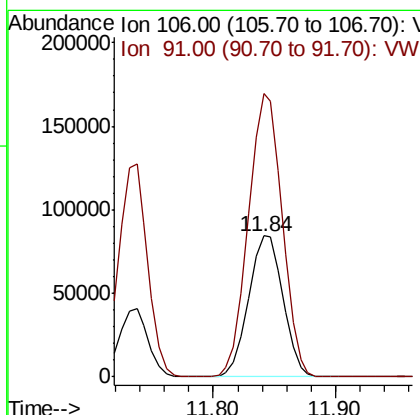
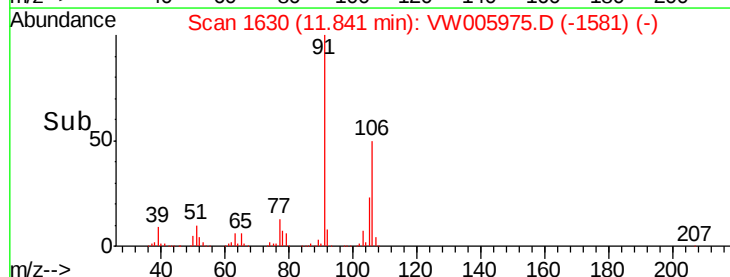
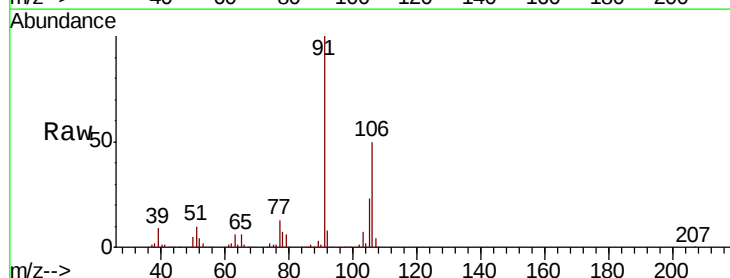
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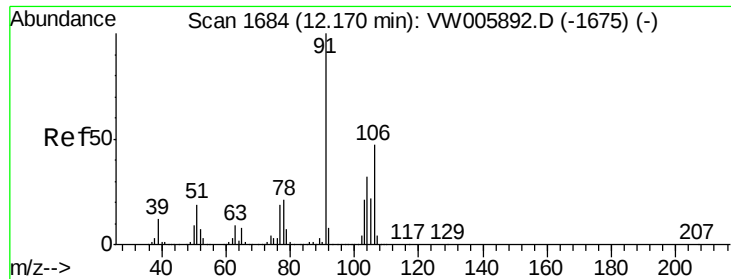
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#68
m/p-Xylenes
Concen: 37.275 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion: 106 Resp: 165241
Ion Ratio Lower Upper
106 100
91 198.1 160.2 240.2





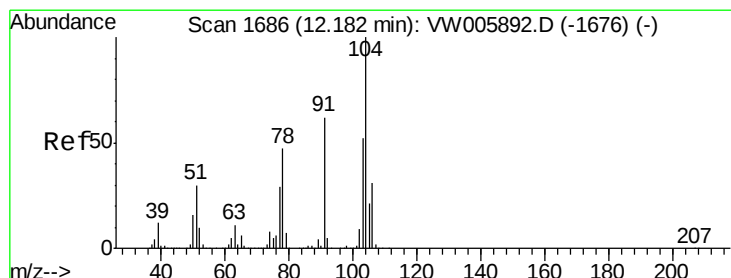
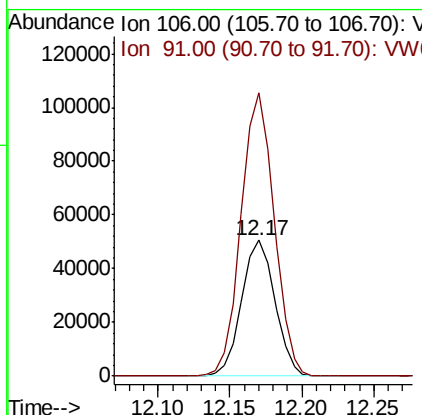
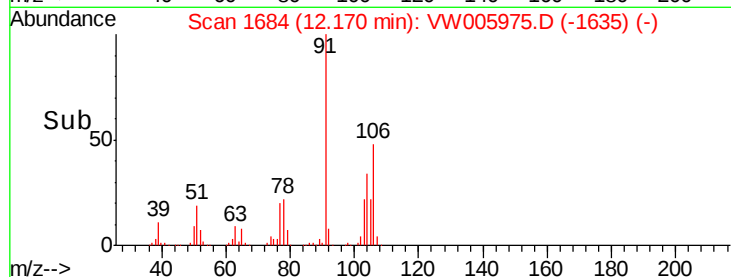
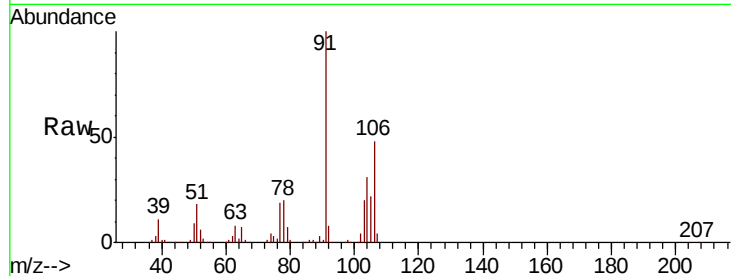
#69
o-Xylene
Concen: 19.163 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.3	106.2	318.5	

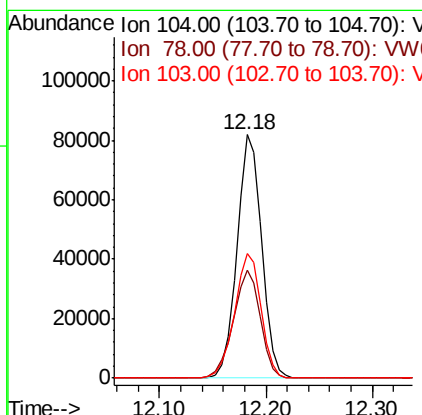
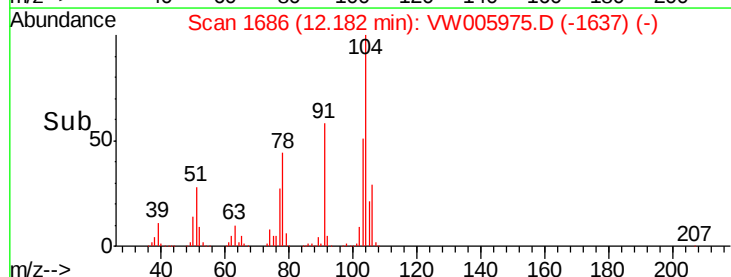
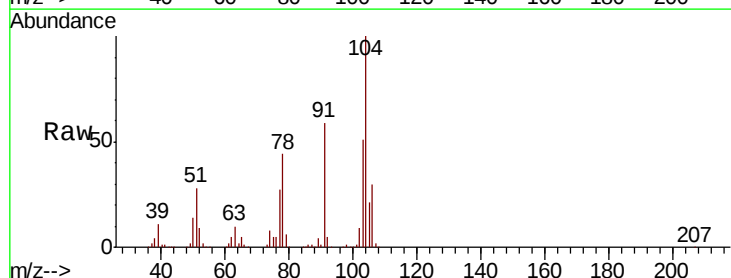
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#70
Styrene
Concen: 18.887 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.2	40.4	60.6	
103	55.1	44.2	66.2	





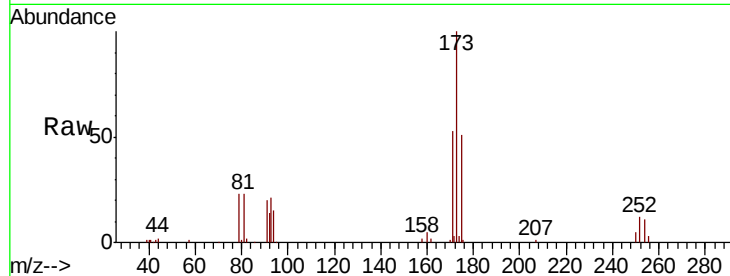
#71
Bromoform
Concen: 17.276 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

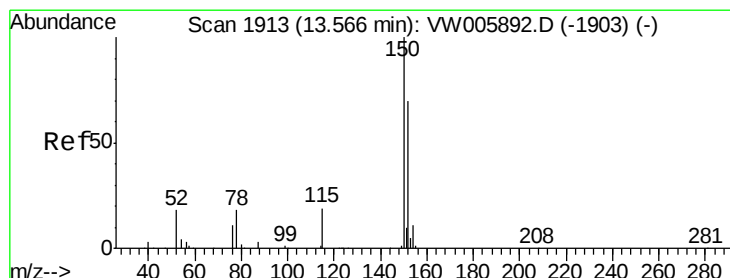
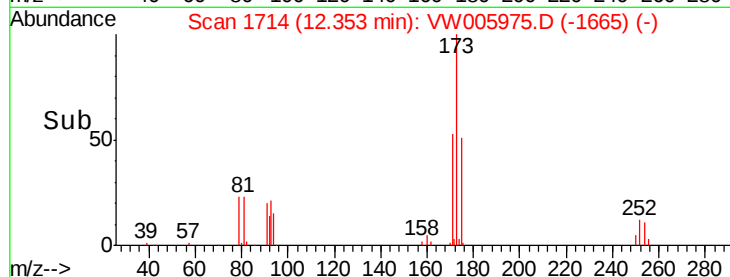
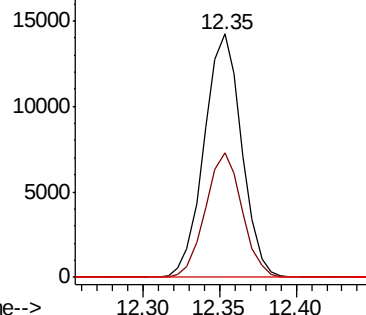
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.7	74.1
254	0.0	0.2	0.2

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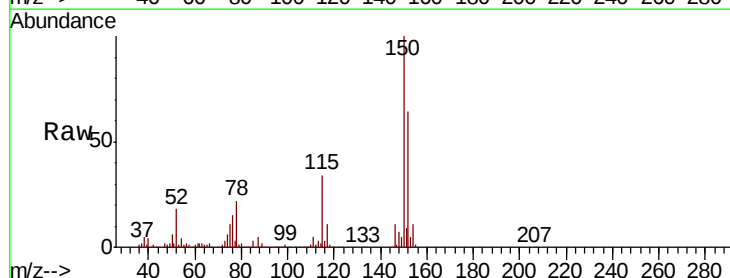


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

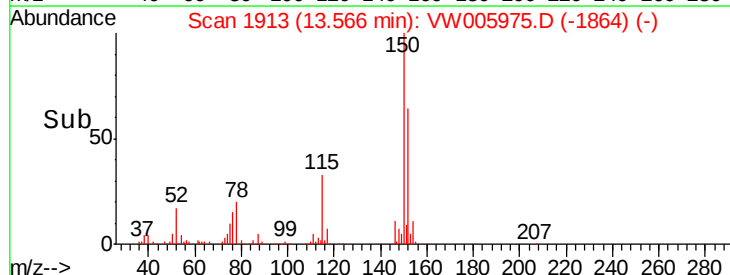
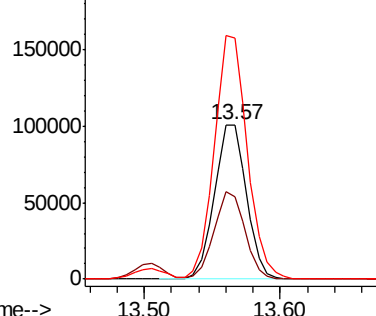


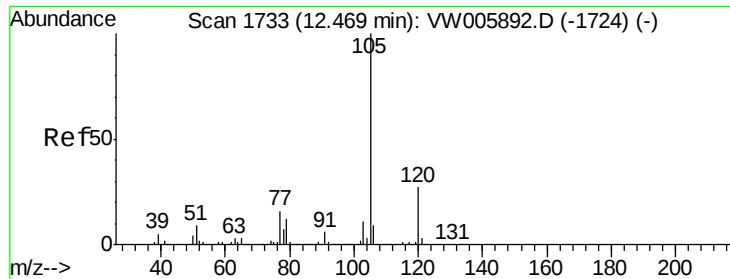
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.3	85.0
150	161.9	0.0	349.2



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





#73

Isopropylbenzene

Concen: 18.067 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBS02

Tot Ion: 105 Resp: 219090

Ion Ratio Lower Upper

105 100

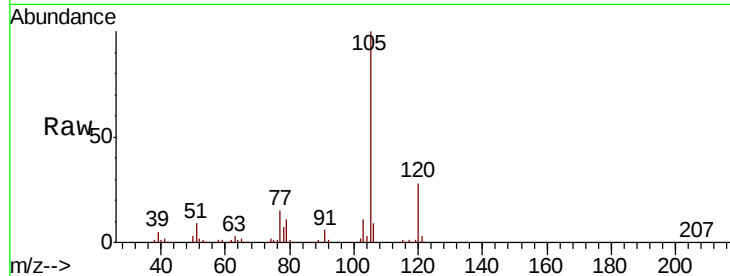
120 27.2 13.6 40.8

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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

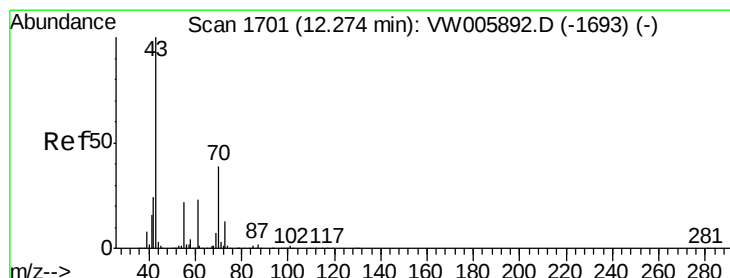
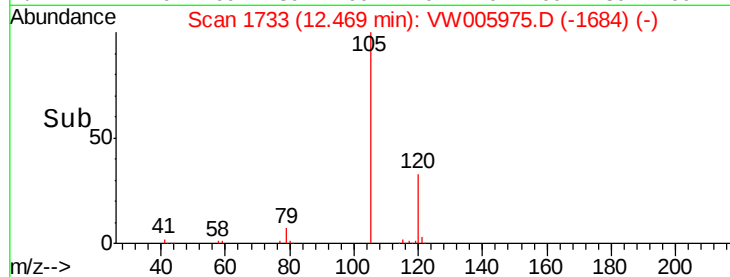
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.041 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Tgt Ion: 43 Resp: 46198

Ion Ratio Lower Upper

43 100

70 42.9 31.6 47.4

55 24.3 17.9 26.9

61 24.2 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

40000

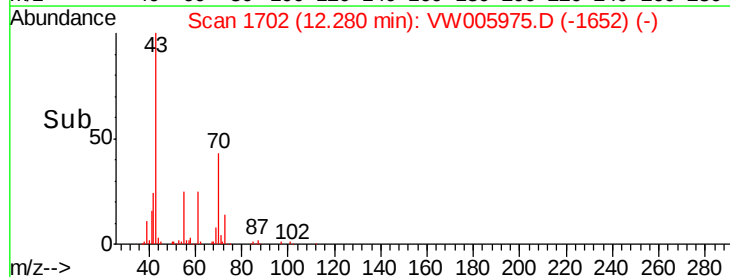
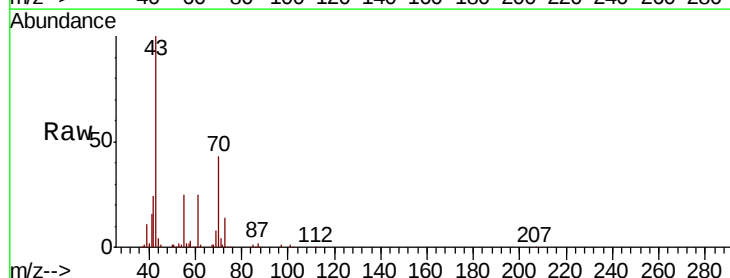
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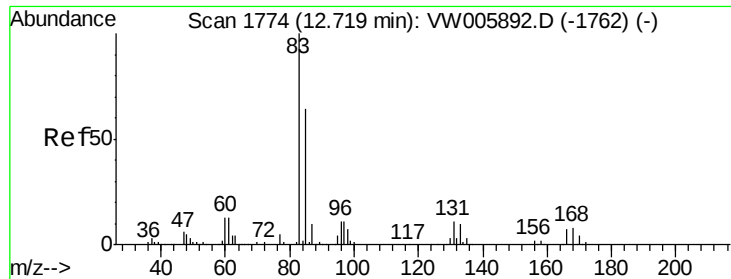
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.346 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

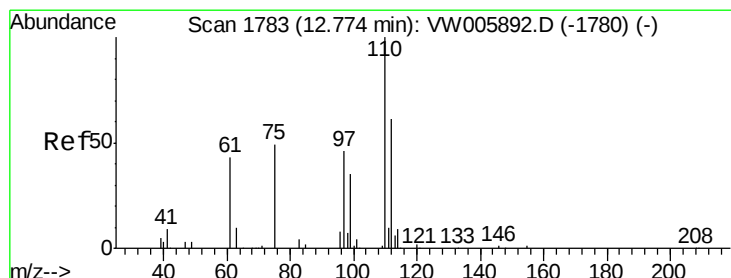
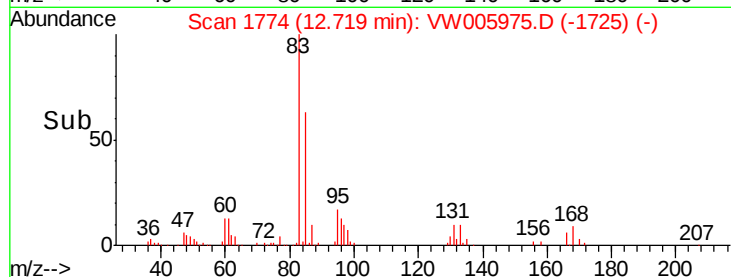
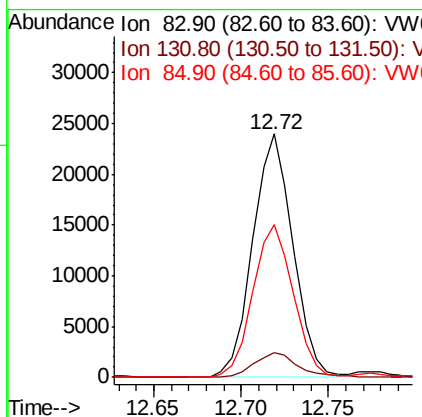
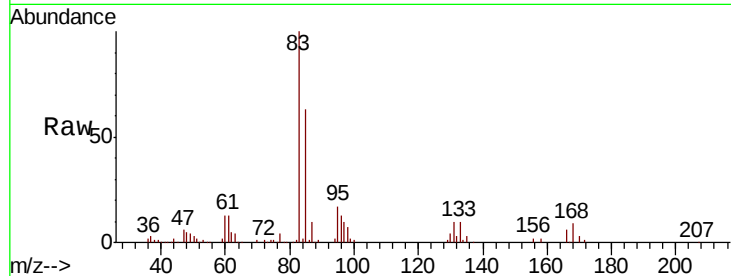
ClientSampleId :

VW1010SBS02

Tot Ion:	83	Resp:	38452
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.8	17.3
85	63.2	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.491 ug/l m

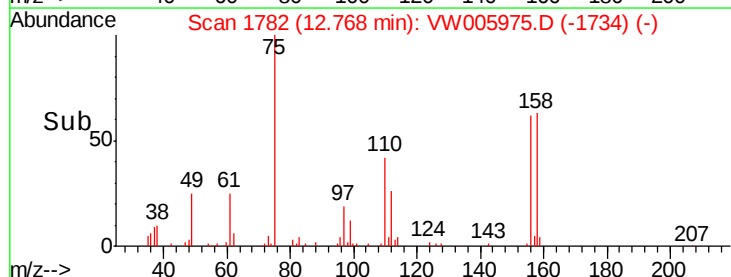
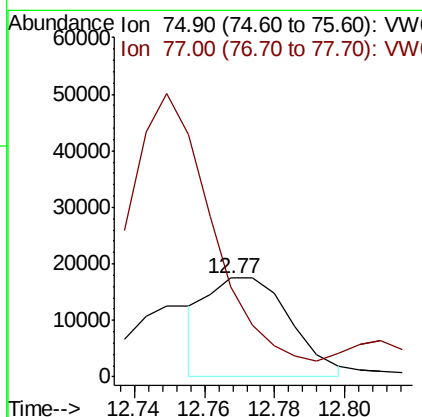
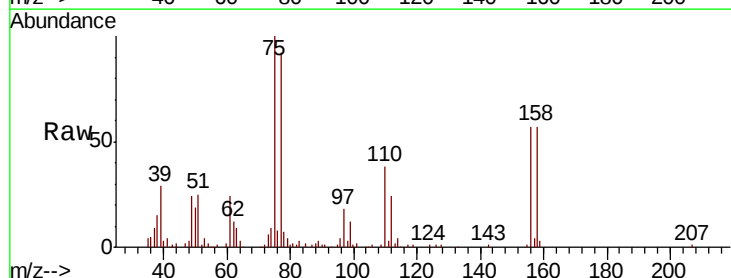
RT: 12.77 min Scan# 1782

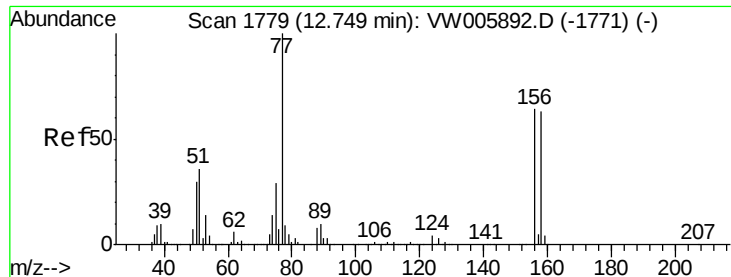
Delta R.T. -0.01 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Tgt Ion:	75	Resp:	28909
Ion Ratio	Lower	Upper	
75	100		
77	310.3	0.0	0.0#





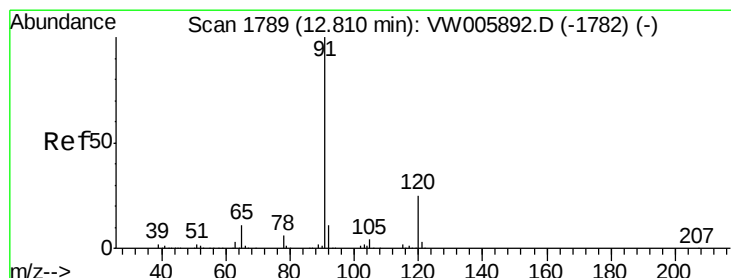
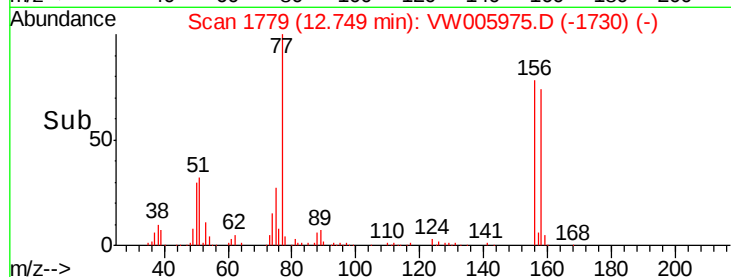
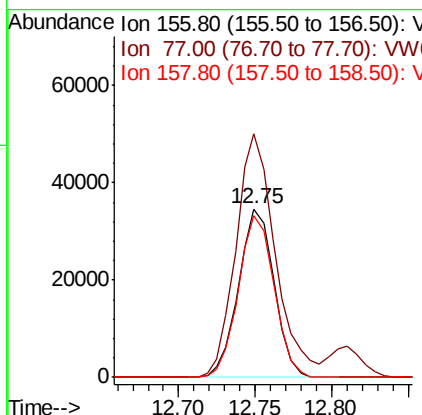
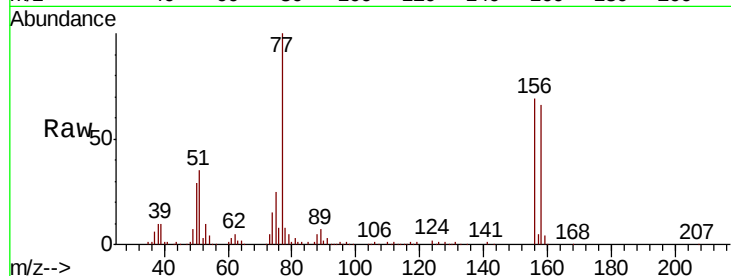
#77
Bromobenzene
Concen: 19.476 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.3	85.8	257.4
158	96.4	49.1	147.4

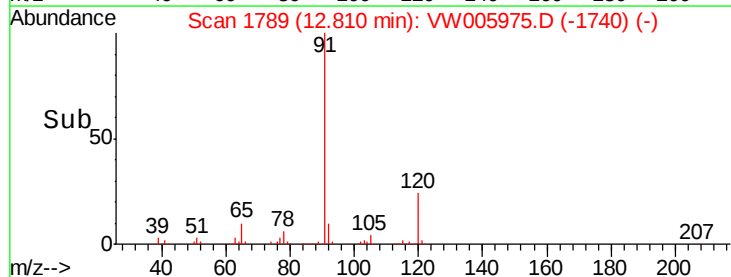
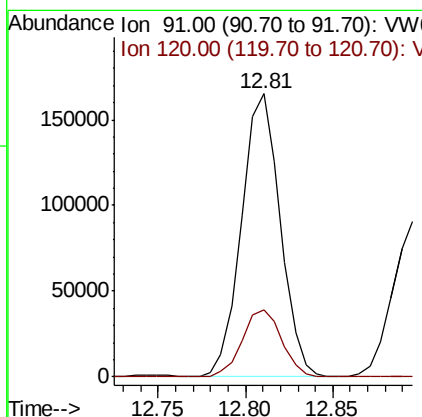
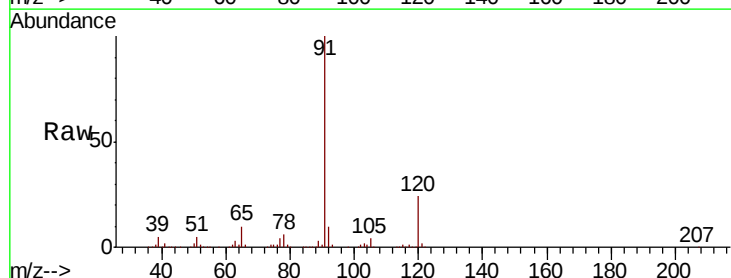
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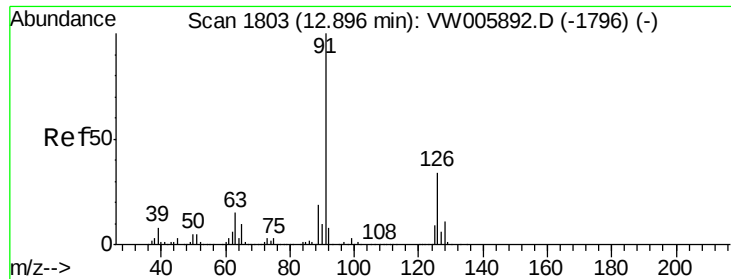
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#78
n-propylbenzene
Concen: 17.783 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 18.032 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

ClientSampled :

VW1010SBS02

Tot Ion: 91 Resp: 145207

Ion Ratio Lower Upper

91 100

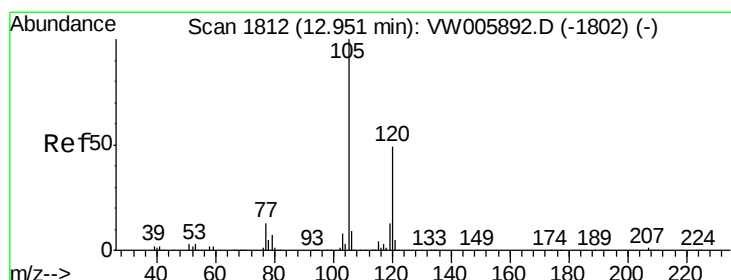
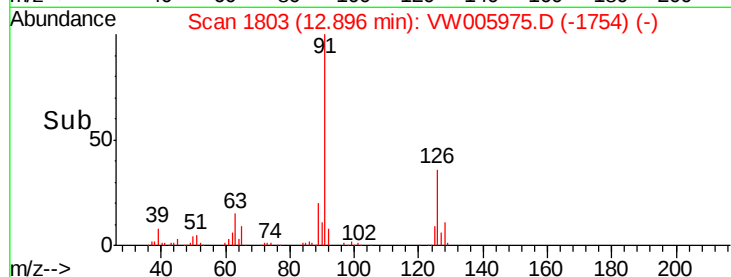
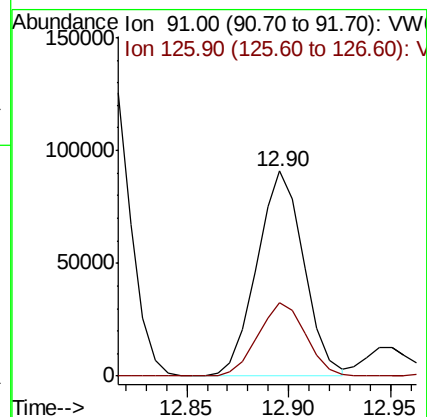
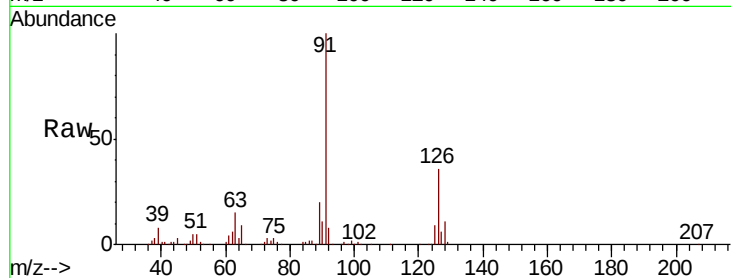
126 36.6 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 18.127 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005975.D

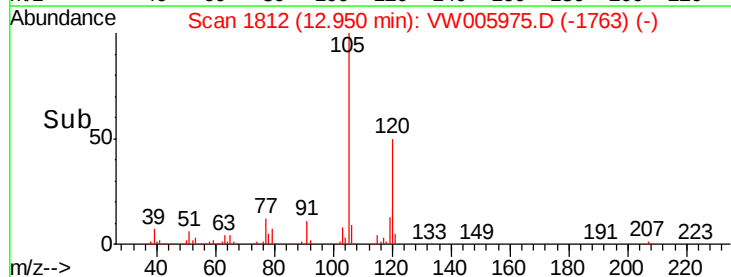
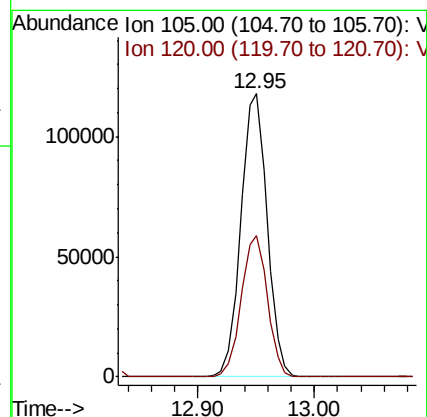
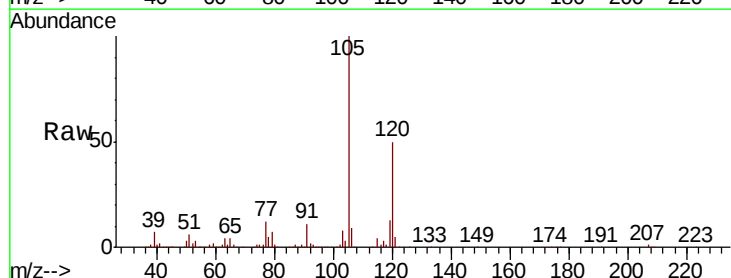
Acq: 10 Oct 2018 09:34

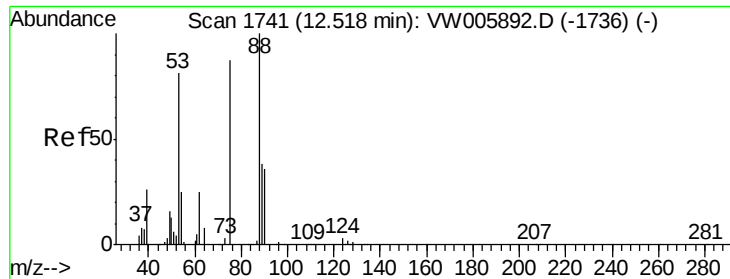
Tgt Ion:105 Resp: 185582

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.8





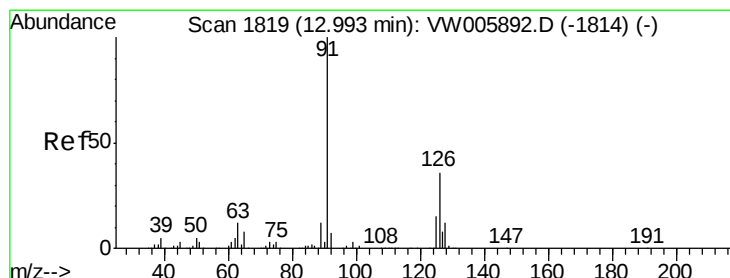
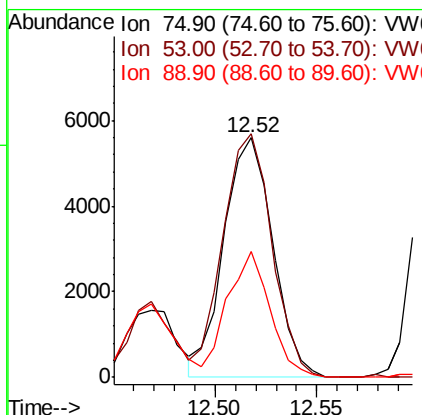
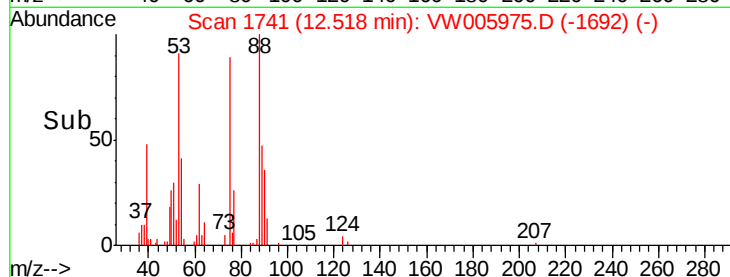
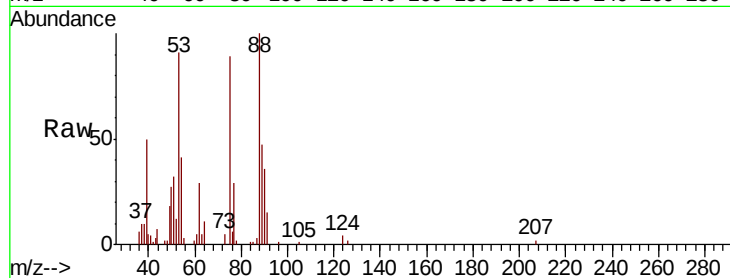
#81
trans-1,4-Dichloro-2-butene
Concen: 13.255 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.1	76.5	114.7
89	45.8	37.6	56.4

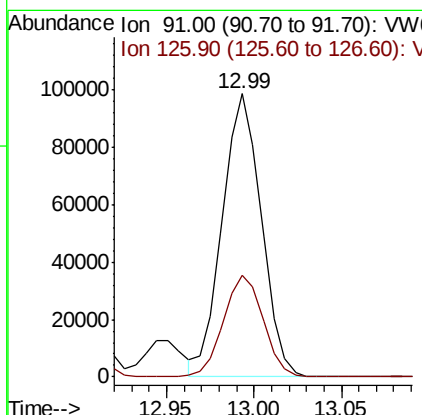
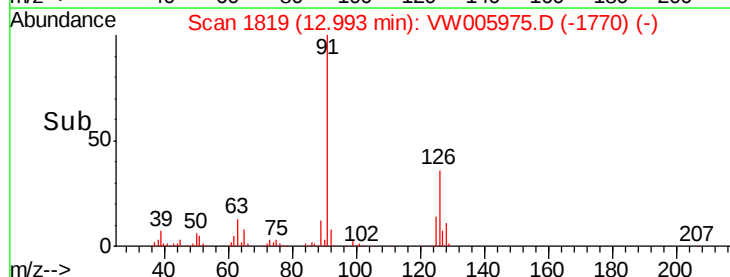
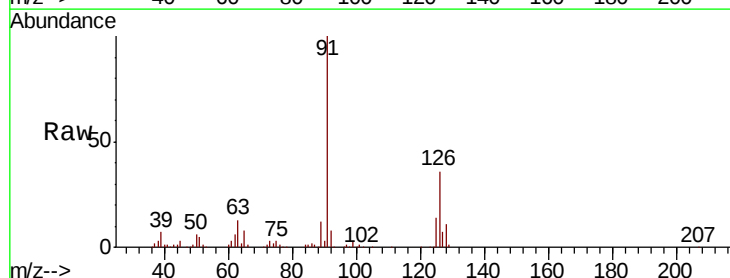
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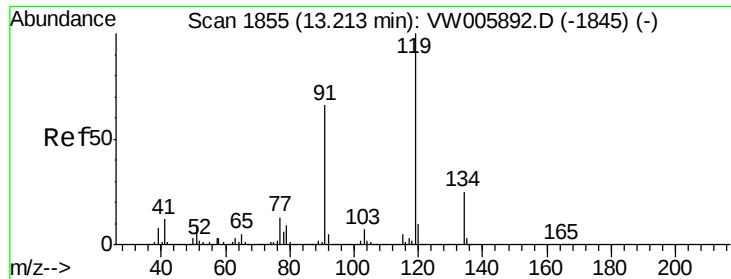
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#82
4-Chlorotoluene
Concen: 18.072 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.4	52.2





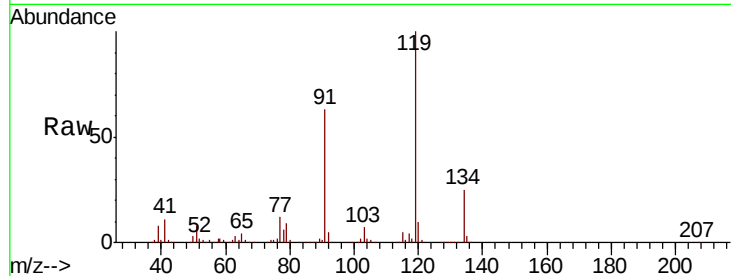
#83
tert-Butylbenzene
Concen: 18.246 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

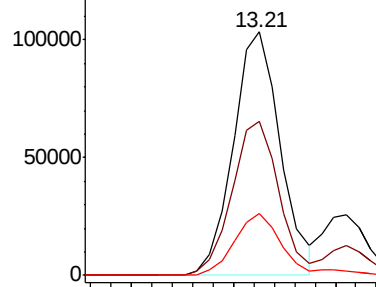
Tot Ion	Ratio	Resp	Lower	Upper
119	100	166144		
91	63.1	32.4	97.0	
134	26.4	13.2	39.6	

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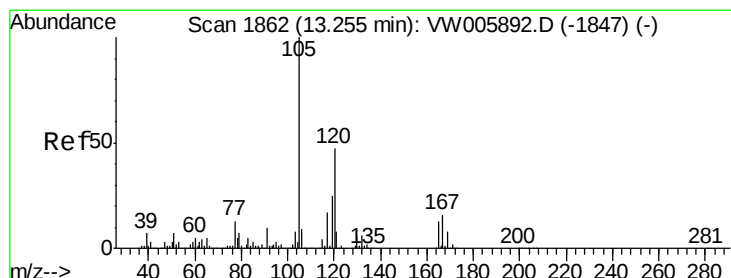
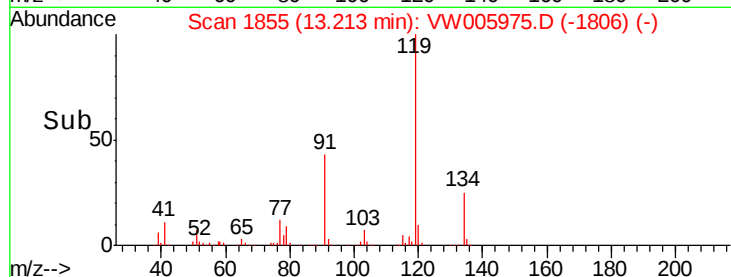
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

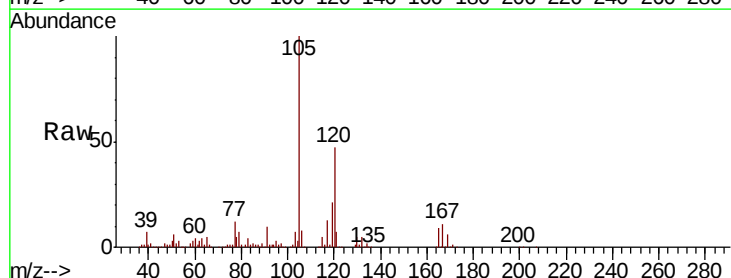


Time-->

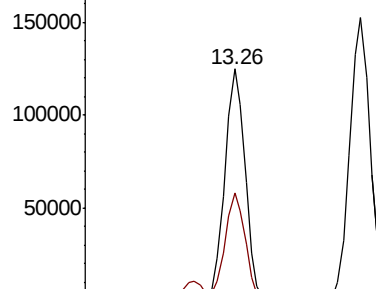


#84
1,2,4-Trimethylbenzene
Concen: 18.420 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

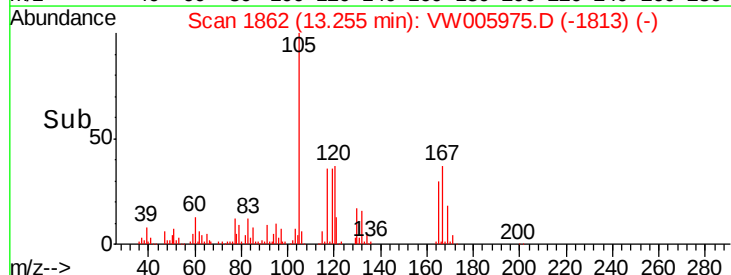
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190227		
120	45.6	22.8	68.3	

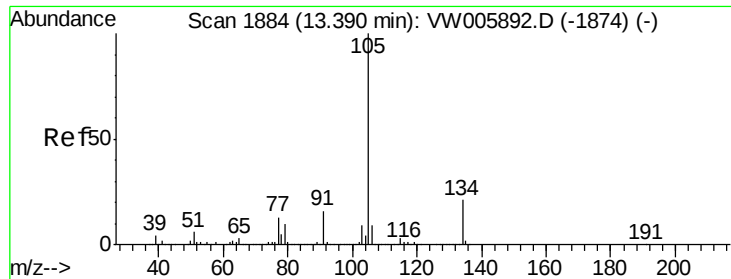


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





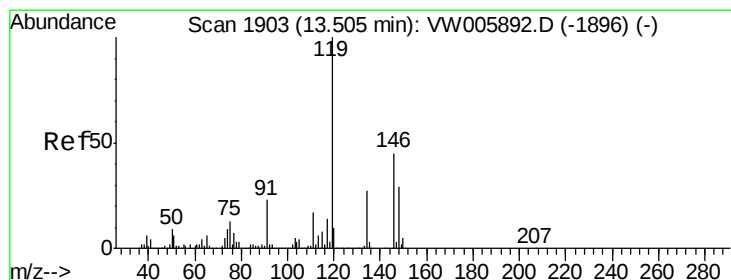
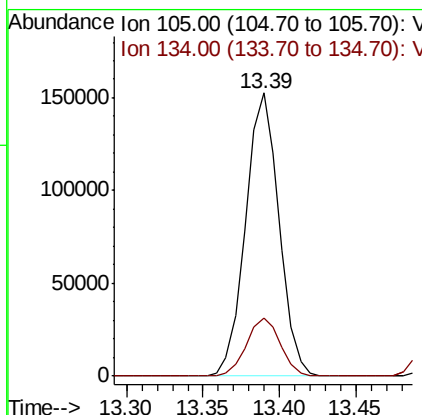
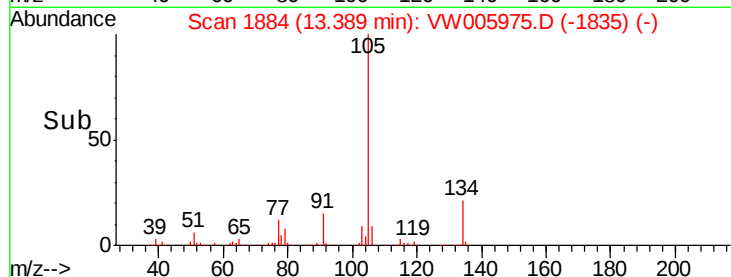
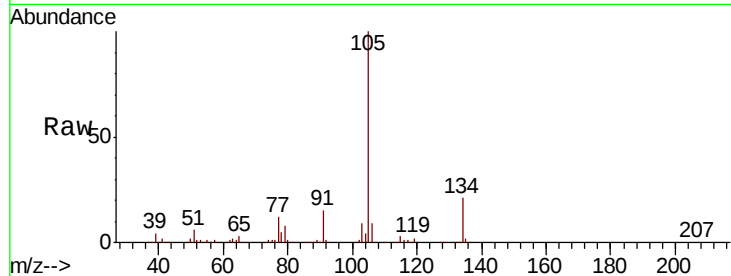
#85
 sec-Butylbenzene
 Concen: 18.113 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.4

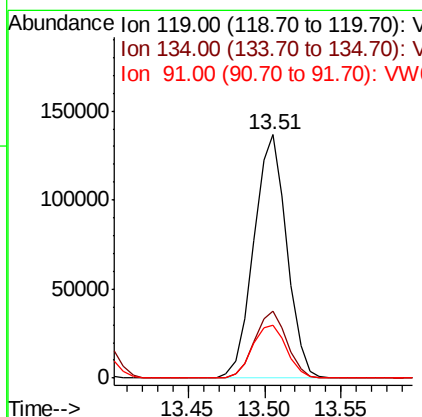
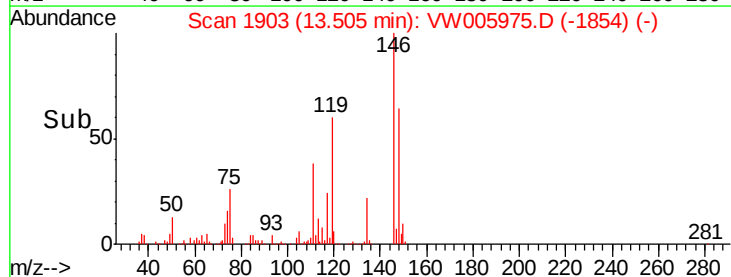
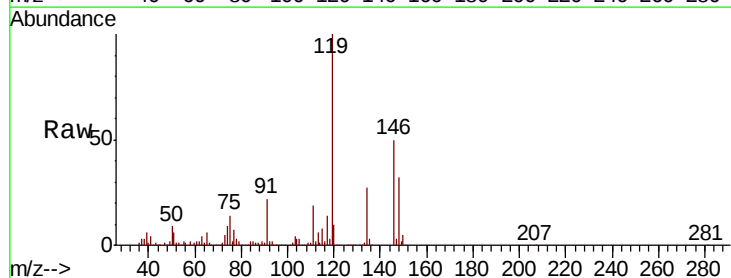
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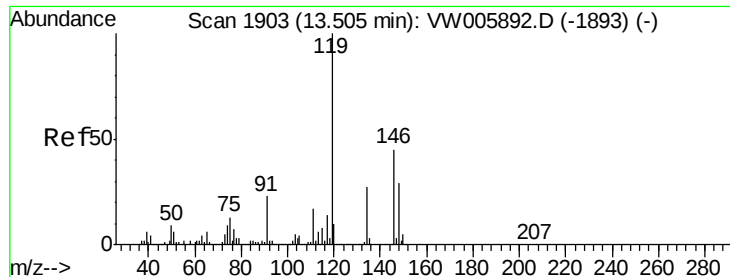
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#86
 p-Isopropyltoluene
 Concen: 17.780 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.5	40.5
91	22.8	11.9	35.5





#87

1,3-Dichlorobenzene

Concen: 19.240 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Instrument :

MSVOA_W

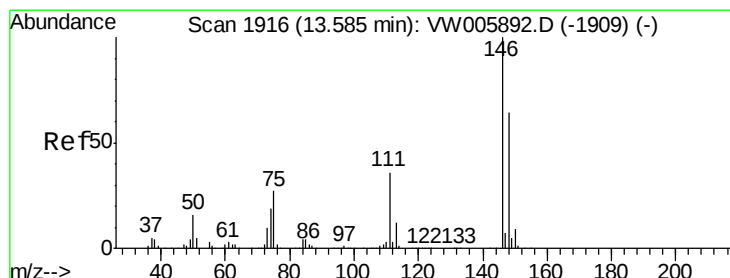
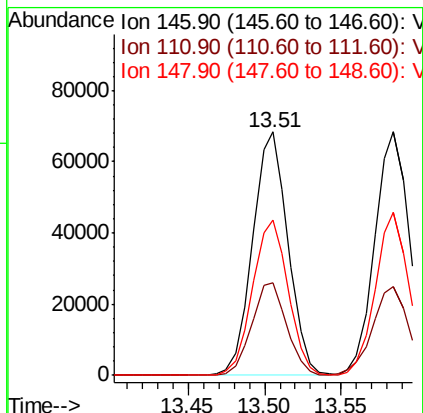
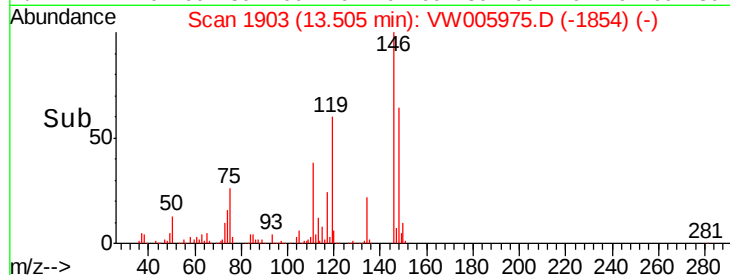
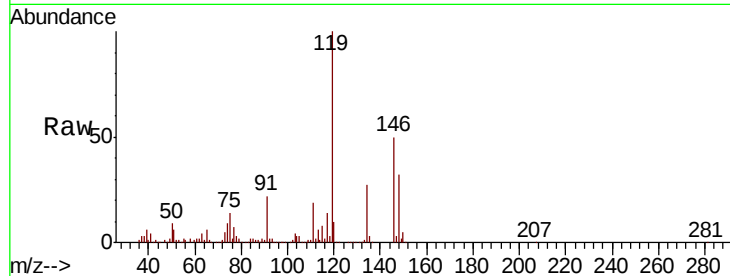
ClientSampleId :

VW1010SBS02

Tot Ion:	146	Resp:	109817
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.5	58.5
148	64.3	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 19.115 ug/l

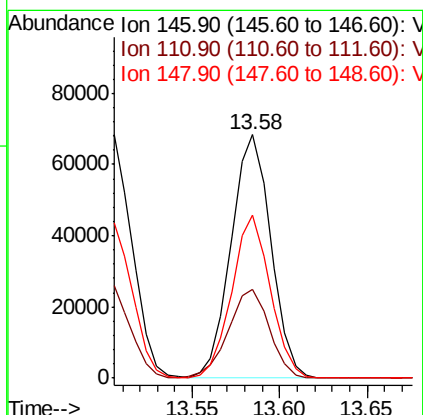
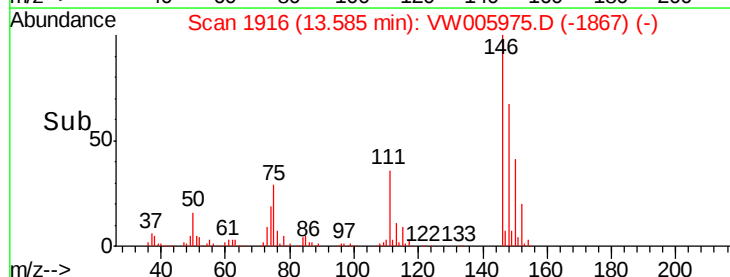
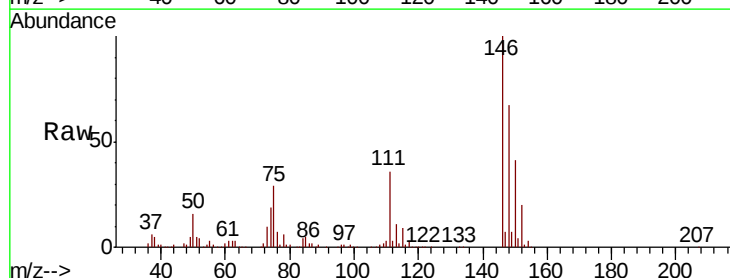
RT: 13.58 min Scan# 1916

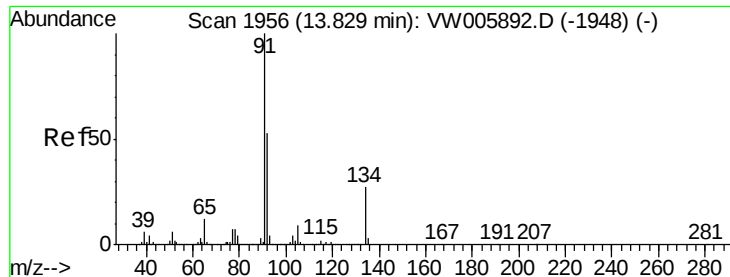
Delta R.T. -0.00 min

Lab File: VW005975.D

Acq: 10 Oct 2018 09:34

Tgt Ion:	146	Resp:	108418
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.0	57.0
148	64.6	32.0	96.2





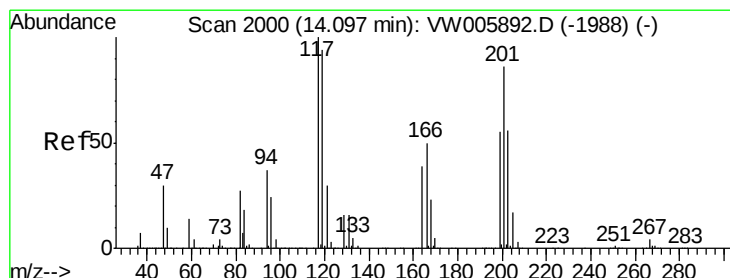
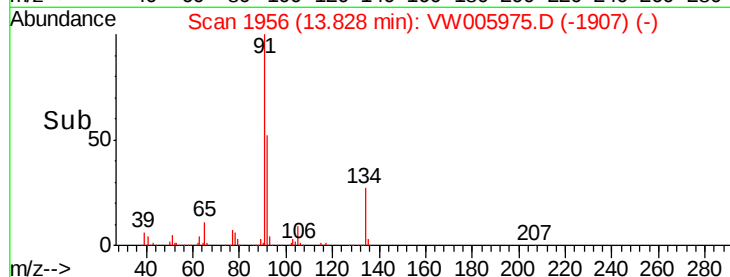
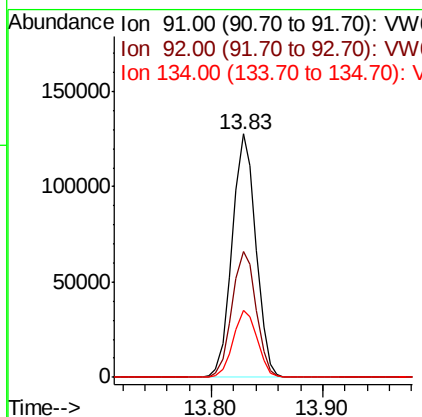
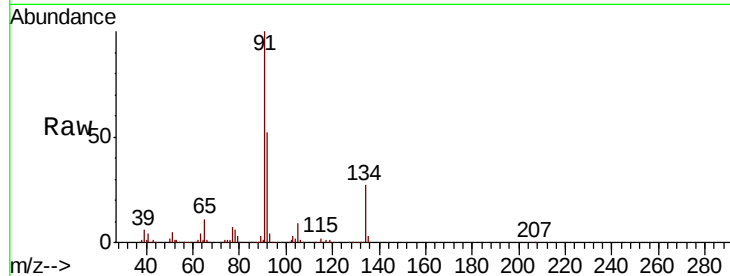
#89
n-Butylbenzene
Concen: 17.399 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.8
134	27.8	13.8	41.4

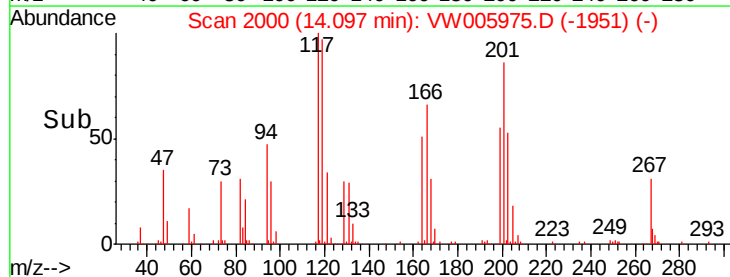
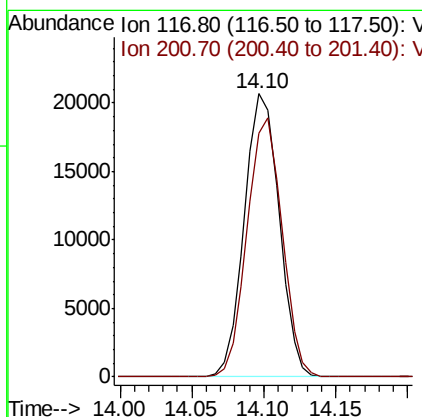
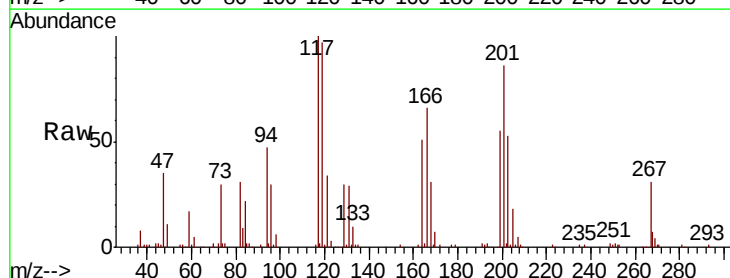
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#90
Hexachloroethane
Concen: 16.028 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.7	44.5	133.5





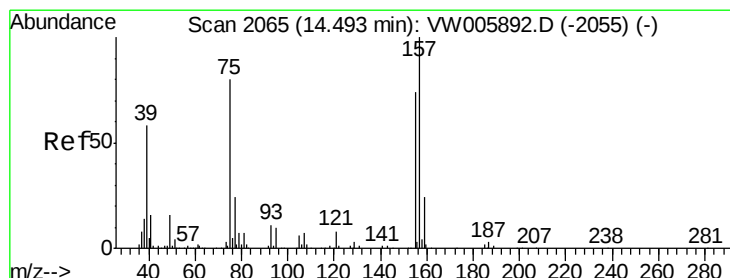
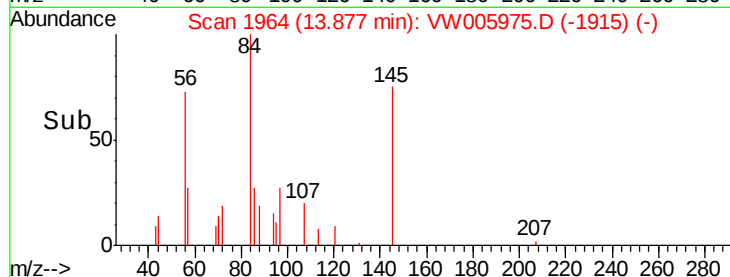
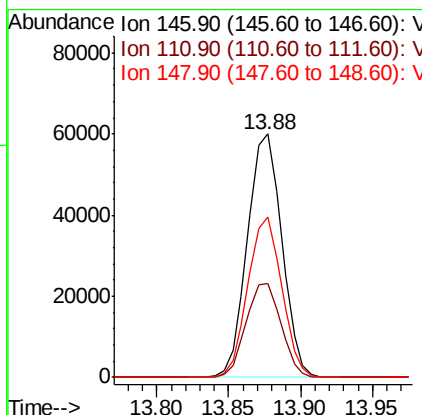
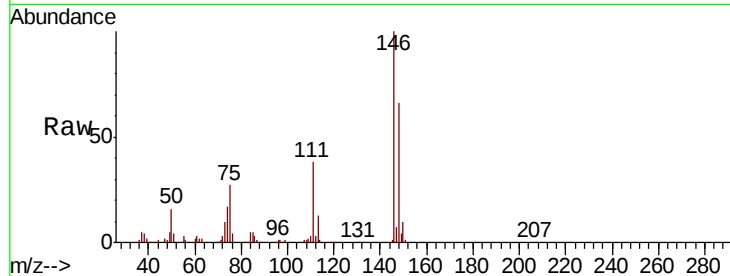
#91
 1,2-Dichlorobenzene
 Concen: 19.568 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.3	61.0
148	64.8	32.5	97.4

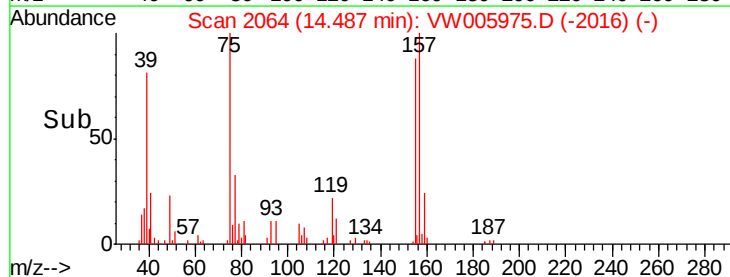
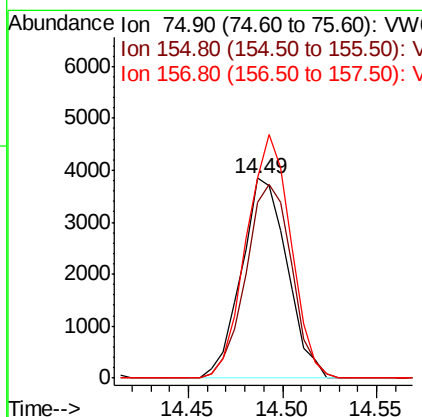
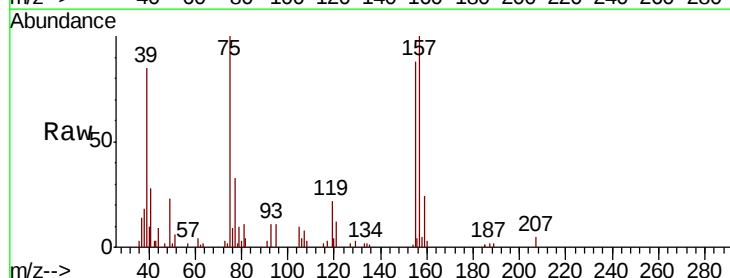
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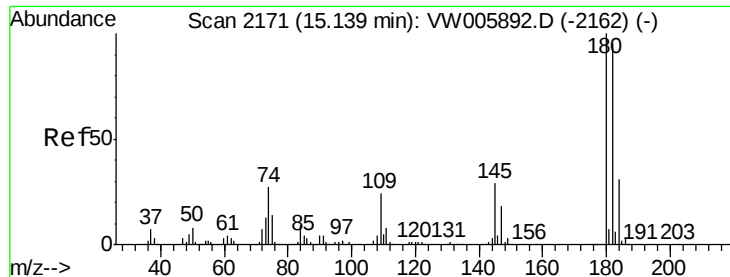
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.397 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	44.8	134.3
157	118.4	58.9	176.6





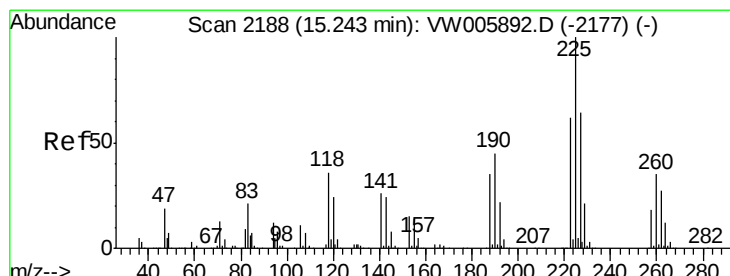
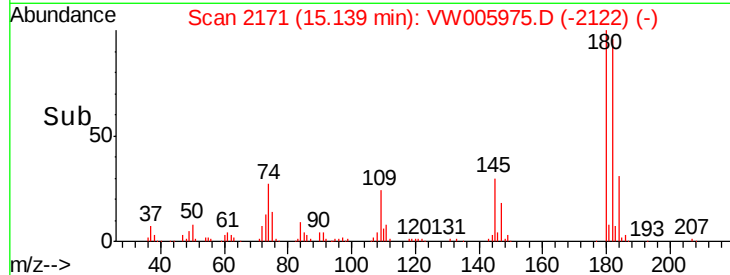
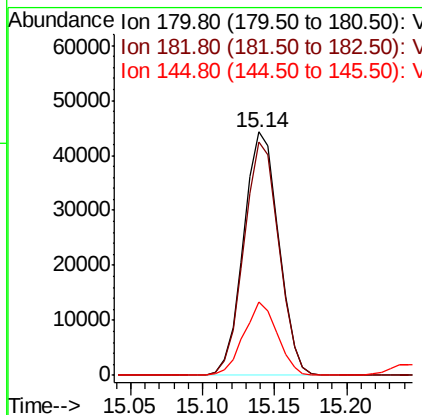
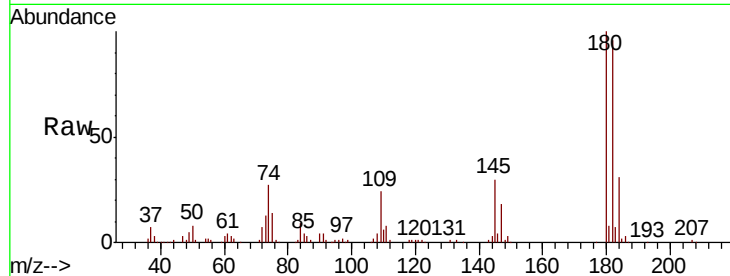
#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	28.8	14.5	43.6

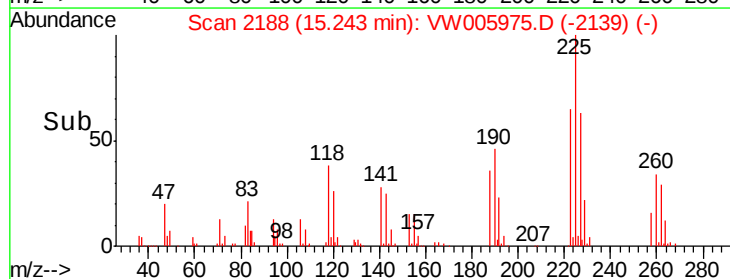
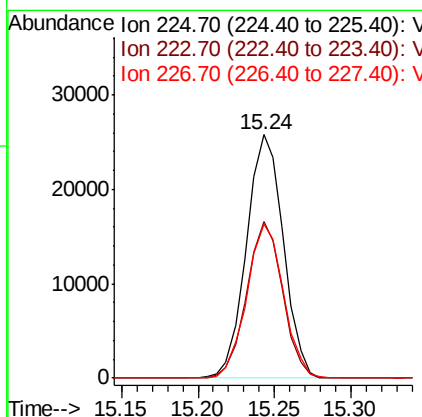
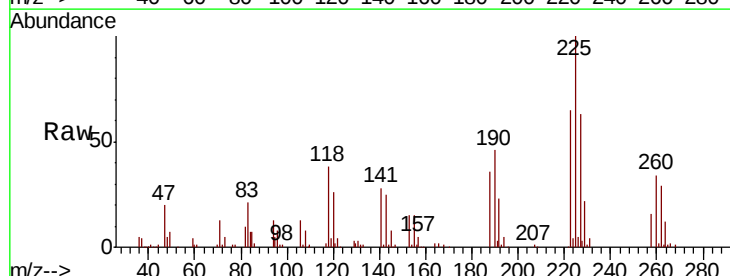
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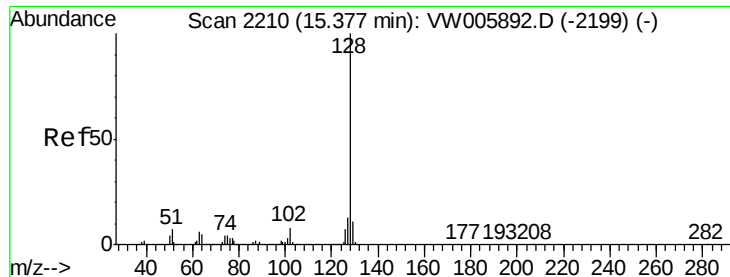
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 10/11/2018 10:30:23 AM



#94
 Hexachlorobutadiene
 Concen: 17.647 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005975.D
 Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.2	93.6
227	62.6	31.9	95.9





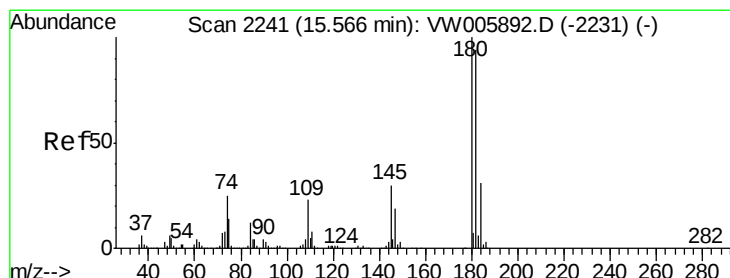
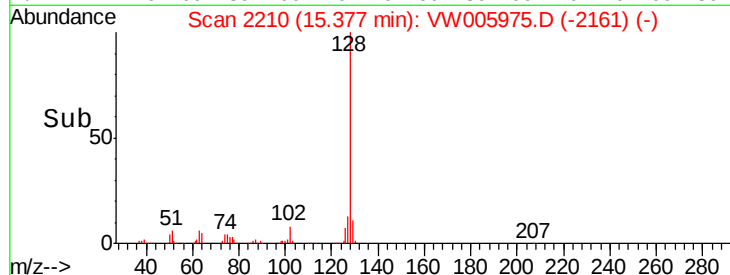
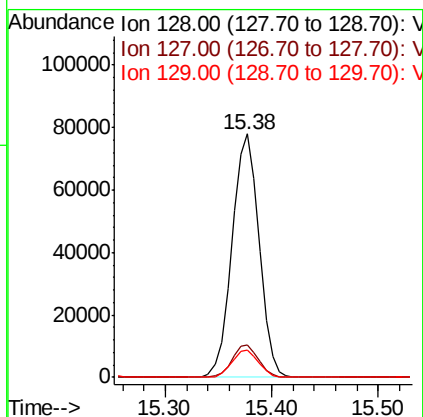
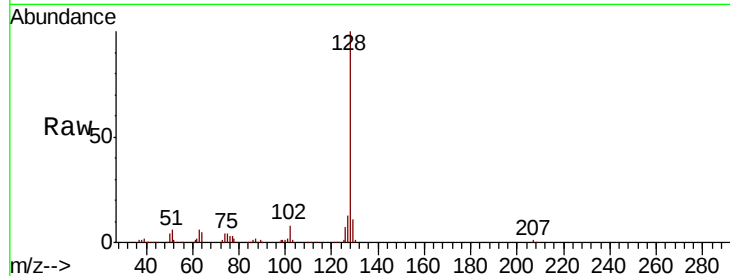
#95
Naphthalene
Concen: 20.495 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.909 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005975.D
Acq: 10 Oct 2018 09:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.8
145	30.5	15.3	45.9

