

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005897.D
 Acq On : 08 Oct 2018 15:59
 Operator : SY/AP
 Sample : VW1008SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

Manual Integrations
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 10/9/2018 4:24:01 PM

Quant Time: Oct 09 07:03:20 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	306169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	446466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	225108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143765	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	7.88	113	141986	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.32	98	555894	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	207679	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29013	19.34	ug/l	100
3) Chloromethane	2.21	50	32696	18.53	ug/l	96
4) Vinyl Chloride	2.37	62	54344	19.40	ug/l	98
5) Bromomethane	2.78	94	45038	20.37	ug/l	99
6) Chloroethane	2.93	64	35519	19.90	ug/l	98
7) Trichlorofluoromethane	3.25	101	43934	19.75	ug/l	98
8) Diethyl Ether	3.68	74	26347	19.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52631	18.75	ug/l	99
10) Methyl Iodide	4.26	142	83605	18.21	ug/l	100
11) Tert butyl alcohol	5.21	59	19559	89.79	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	49314	18.30	ug/l	97
13) Acrolein	3.89	56	18867	97.19	ug/l	92
14) Allyl chloride	4.66	41	81117	17.65	ug/l	99
15) Acrylonitrile	5.38	53	55846	93.75	ug/l	99
16) Acetone	4.14	43	60097	101.23	ug/l	96
17) Carbon Disulfide	4.37	76	140355	17.22	ug/l	97
18) Methyl Acetate	4.68	43	26857	17.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	79199	18.89	ug/l	97
20) Methylene Chloride	4.92	84	56734	19.07	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54984	18.72	ug/l	99
22) Diisopropyl ether	6.31	45	159326	18.54	ug/l	99
23) Vinyl Acetate	6.26	43	493806	93.38	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96362	18.33	ug/l	99
25) 2-Butanone	7.18	43	82491	97.69	ug/l	98
26) 2,2-Dichloropropane	7.17	77	70899	19.16	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	62814	18.91	ug/l	98
28) Bromochloromethane	7.51	49	38257	19.71	ug/l	99
29) Tetrahydrofuran	7.54	42	48420	90.71	ug/l	99
30) Chloroform	7.68	83	101073	18.71	ug/l	97
31) Cyclohexane	7.96	56	92808	17.84	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	91398	19.00	ug/l	99
36) 1,1-Dichloropropene	8.09	75	79262	18.53	ug/l	100
37) Ethyl Acetate	7.26	43	34168	18.86	ug/l	98
38) Carbon Tetrachloride	8.07	117	85659	18.64	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105787	18.75	ug/l	99
40) Benzene	8.32	78	219385	18.74	ug/l	99
41) Methacrylonitrile	7.49	41	19230	16.95	ug/l	93
42) 1,2-Dichloroethane	8.40	62	64508	18.24	ug/l	98
43) Isopropyl Acetate	8.43	43	70166	18.54	ug/l	99
44) Trichloroethene	9.09	130	65633	19.32	ug/l	100
45) 1,2-Dichloropropane	9.37	63	54815	18.70	ug/l	95
46) Dibromomethane	9.46	93	30593	18.99	ug/l	99
47) Bromodichloromethane	9.65	83	75865	18.72	ug/l	98
48) Methyl methacrylate	9.44	41	33511	18.59	ug/l	99
49) 1,4-Dioxane	9.47	88	9709	396.81	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	177611	96.38	ug/l	99
52) Toluene	10.39	92	146262	19.01	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79033	18.66	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89321	18.76	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42536	19.07	ug/l	99
56) Ethyl methacrylate	10.65	69	56592	18.82	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70842	18.87	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	121303	99.14	ug/l	99
59) 2-Hexanone	10.97	43	129285	97.84	ug/l	99
60) Dibromochloromethane	11.13	129	54321	18.87	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42940	19.26	ug/l	98
64) Tetrachloroethene	10.87	164	57945	19.08	ug/l	99
65) Chlorobenzene	11.66	112	168992	19.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	61837	19.31	ug/l	99
67) Ethyl Benzene	11.74	91	295574	19.16	ug/l	99
68) m/p-Xylenes	11.84	106	230863	38.29	ug/l	99
69) o-Xylene	12.17	106	110107	19.07	ug/l	99
70) Styrene	12.18	104	182663	19.07	ug/l	99
71) Bromoform	12.35	173	36333	19.05	ug/l #	98
73) Isopropylbenzene	12.47	105	309788	18.84	ug/l	100
74) N-amyl acetate	12.27	43	72289	18.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50787	18.85	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39954m	19.87	ug/l	
77) Bromobenzene	12.75	156	75048	19.27	ug/l	98
78) n-propylbenzene	12.81	91	364711	18.86	ug/l	100
79) 2-Chlorotoluene	12.90	91	204074	18.69	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	259683	18.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	17236	18.10	ug/l	99
82) 4-Chlorotoluene	12.99	91	215825	18.79	ug/l	99
83) tert-Butylbenzene	13.21	119	234274	18.98	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	266793	19.06	ug/l	100
85) sec-Butylbenzene	13.39	105	332403	19.18	ug/l	100
86) p-Isopropyltoluene	13.51	119	297682	19.10	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	149046	19.26	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147062	19.13	ug/l	99
89) n-Butylbenzene	13.83	91	281230	19.15	ug/l	99
90) Hexachloroethane	14.10	117	54176	18.48	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	133691	19.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9327	18.57	ug/l	99

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ClientSampleId :
VW1008SBSD01

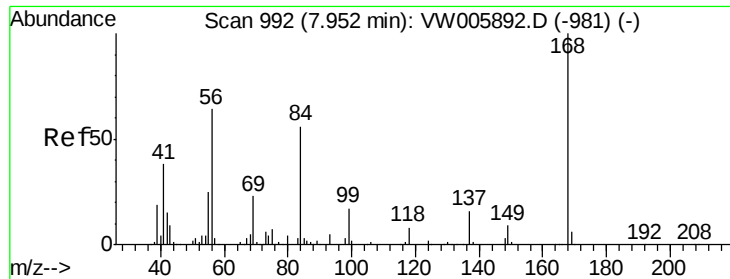
Manual Integrations
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Quant Time: Oct 09 07:03:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	104145	19.55	ug/l	99
94) Hexachlorobutadiene	15.24	225	63906	19.22	ug/l	99
95) Naphthalene	15.38	128	179134	19.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	89155	19.33	ug/l	98

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



#1

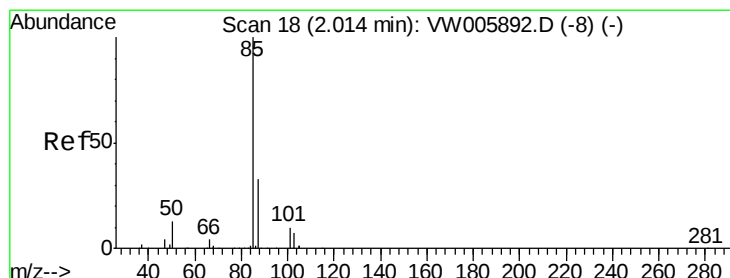
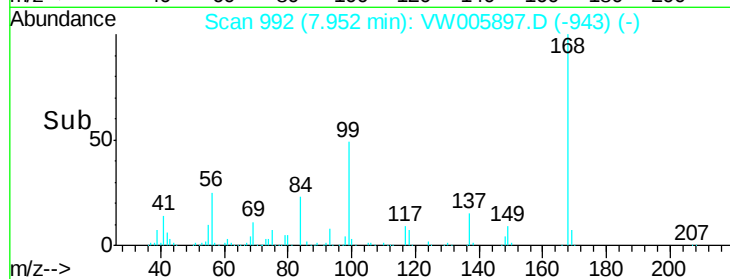
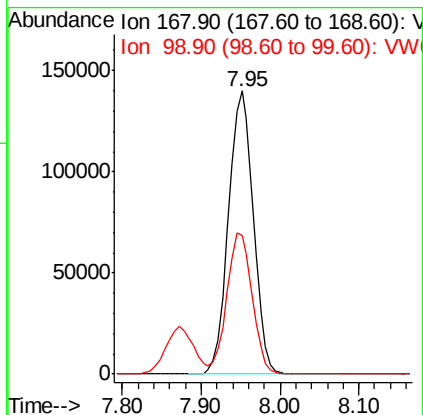
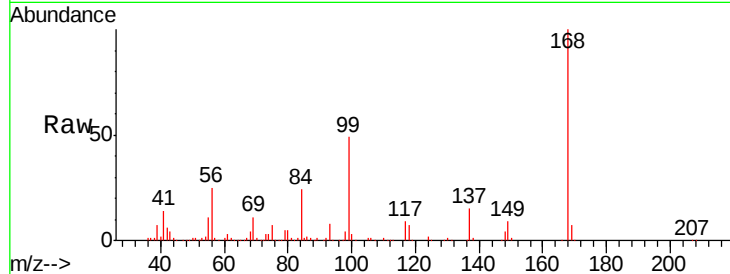
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	48.9	40.9	61.3

Manual Integrations
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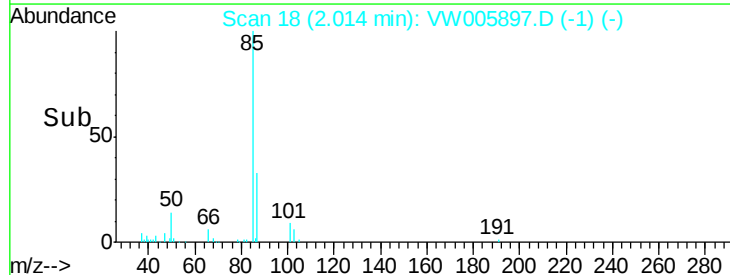
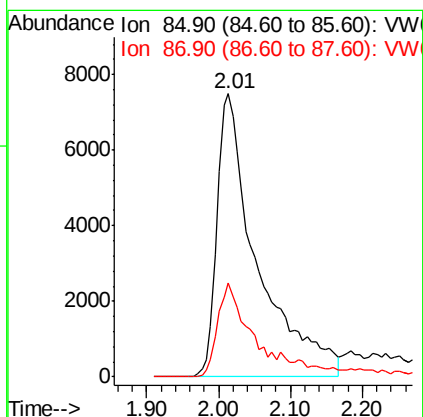
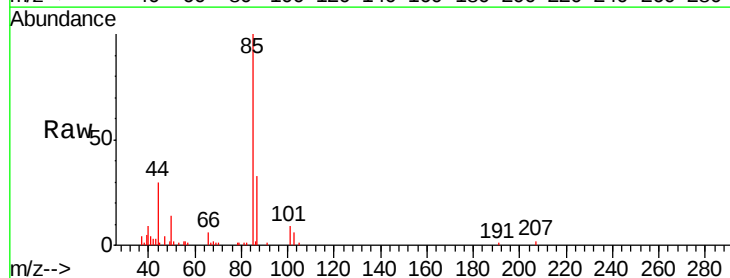
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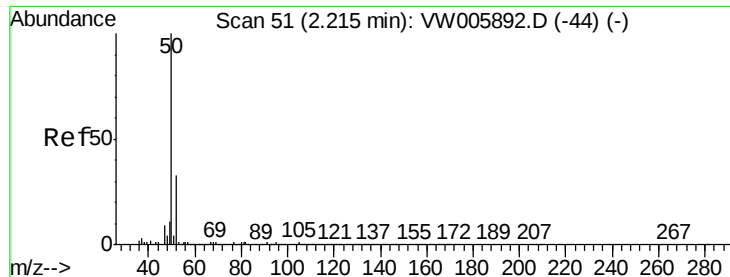


#2

Dichlorodifluoromethane
 Concen: 19.34 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.6	49.8





#3

Chloromethane

Concen: 18.53 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 50 Resp: 32696

Ion Ratio Lower Upper

50 100

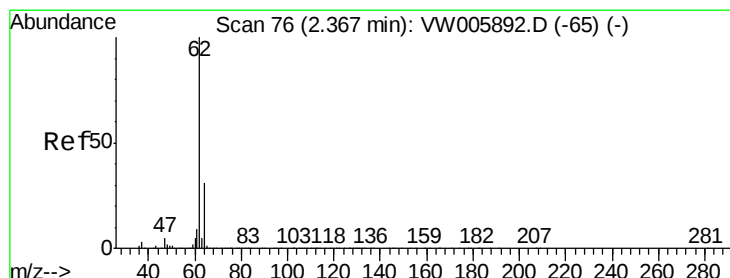
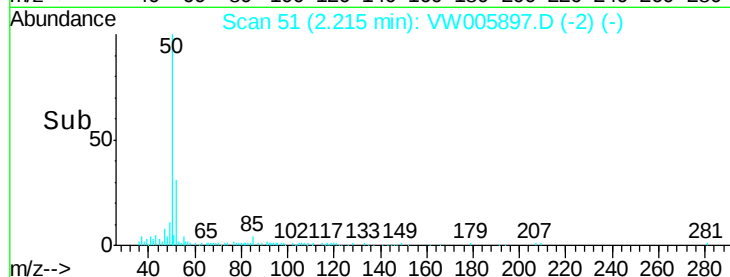
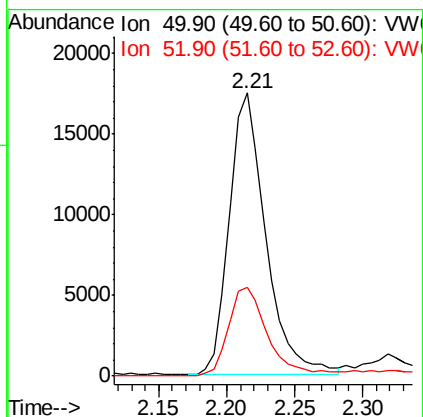
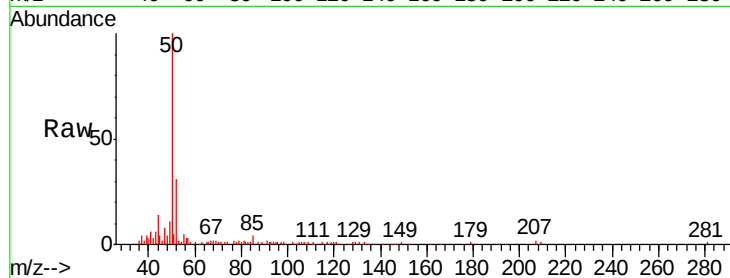
52 31.3 26.7 40.1

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#4

Vinyl Chloride

Concen: 19.40 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005897.D

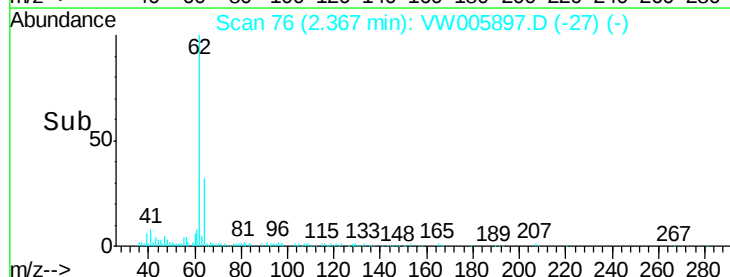
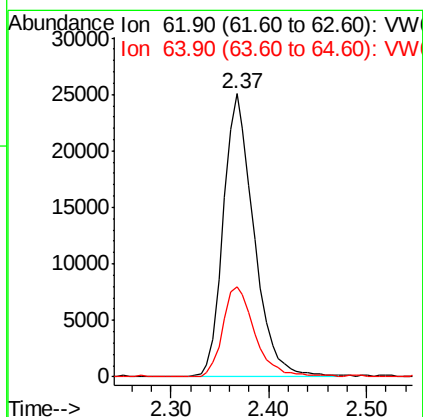
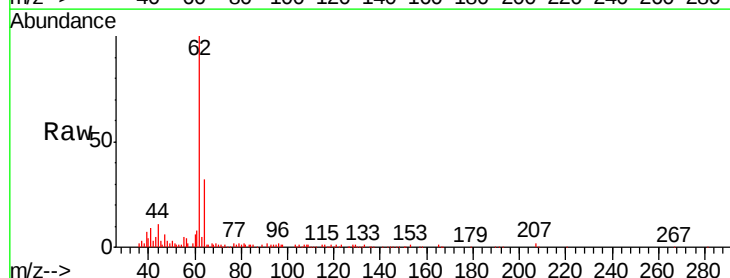
Acq: 08 Oct 2018 15:59

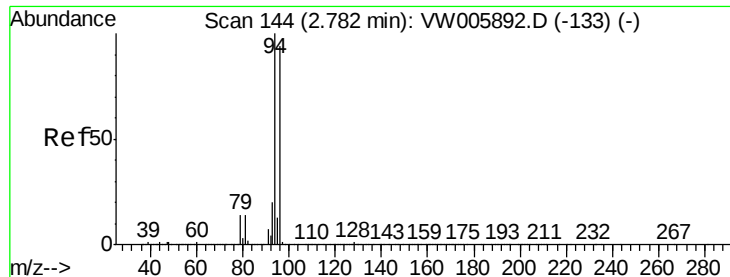
Tgt Ion: 62 Resp: 54344

Ion Ratio Lower Upper

62 100

64 31.9 24.6 36.8





#5

Bromomethane

Concen: 20.37 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 94 Resp: 45038

Ion Ratio Lower Upper

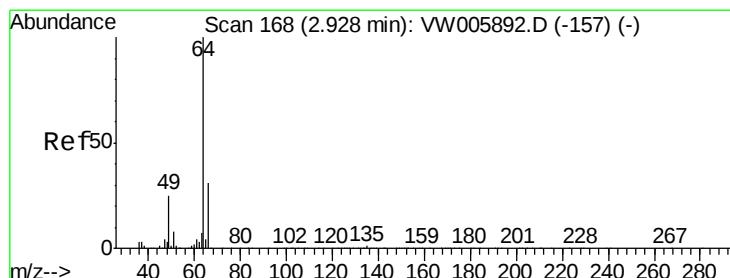
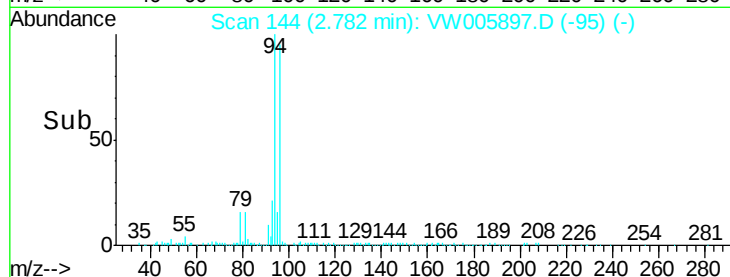
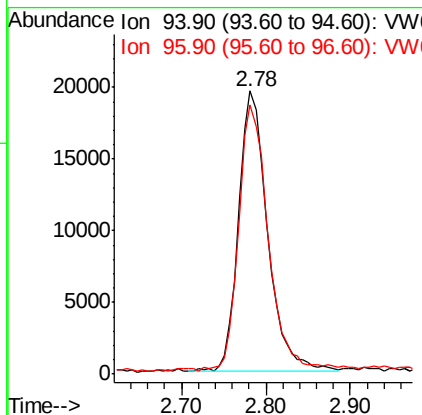
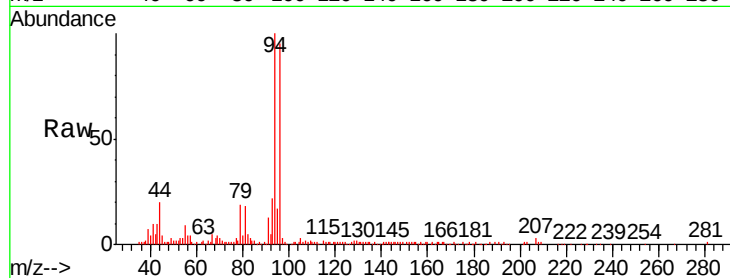
94 100

96 94.7 75.0 112.4

Manual Integrations
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#6

Chloroethane

Concen: 19.90 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005897.D

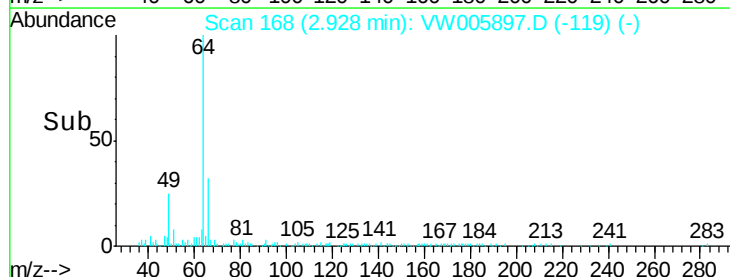
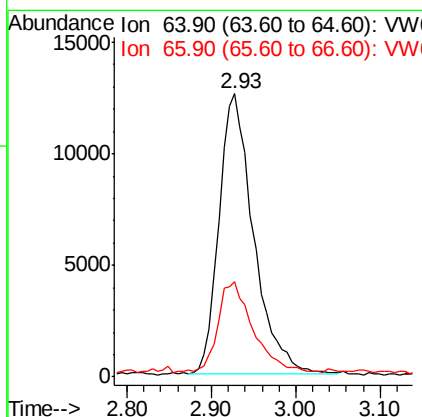
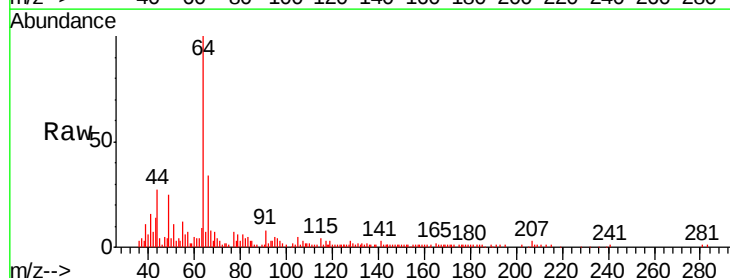
Acq: 08 Oct 2018 15:59

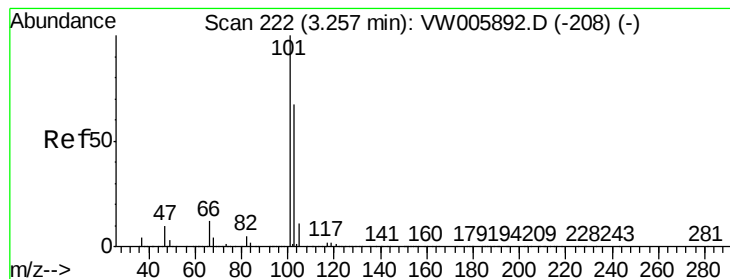
Tgt Ion: 64 Resp: 35519

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4





#7

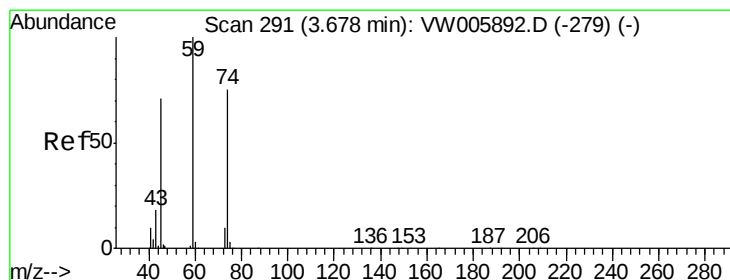
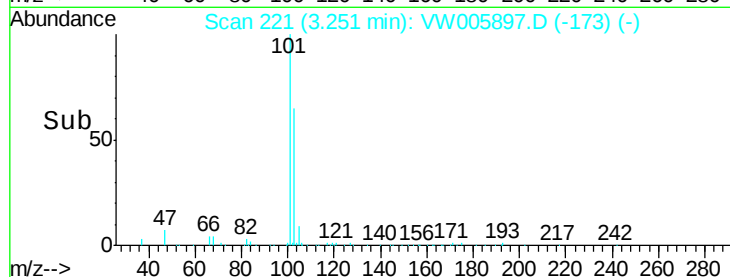
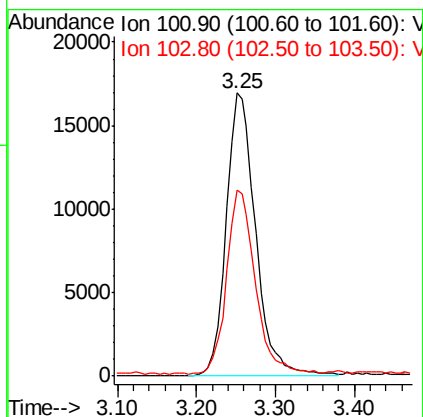
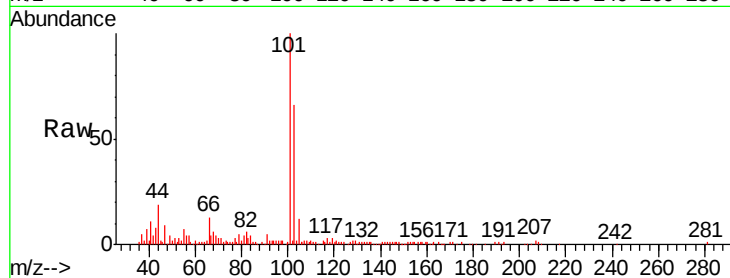
Trichlorofluoromethane
 Concen: 19.75 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

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 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	43934		
103	65.1	53.5	80.3	

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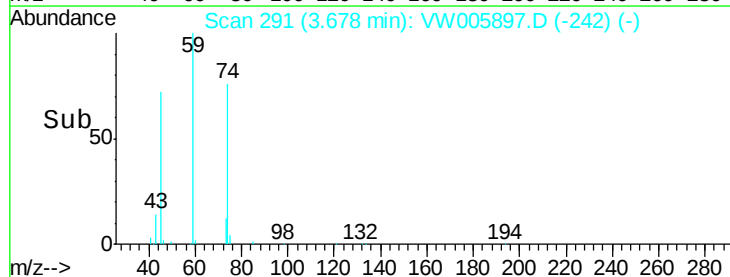
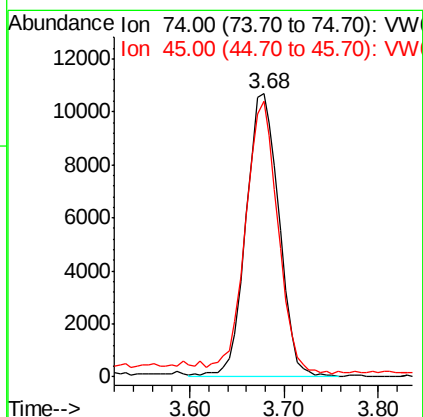
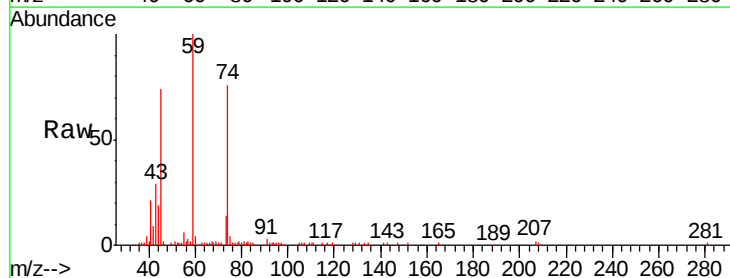
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 10/9/2018 4:24:01 PM

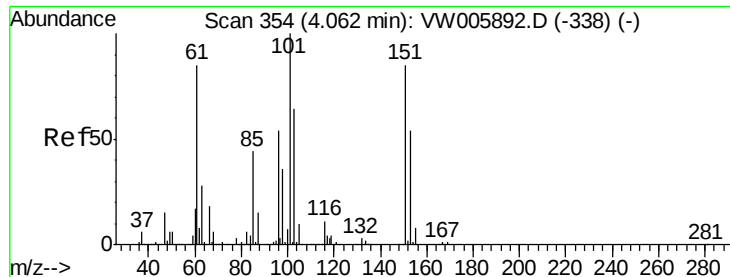


#8

Diethyl Ether
 Concen: 19.25 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	26347		
45	94.5	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.75 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

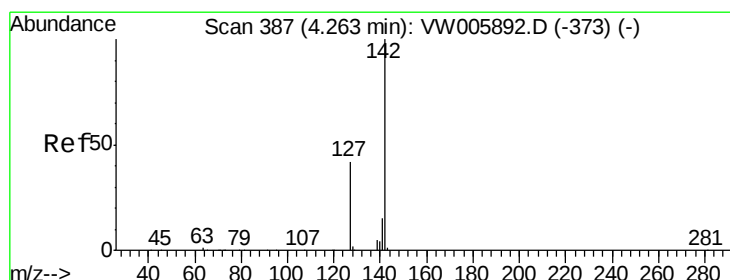
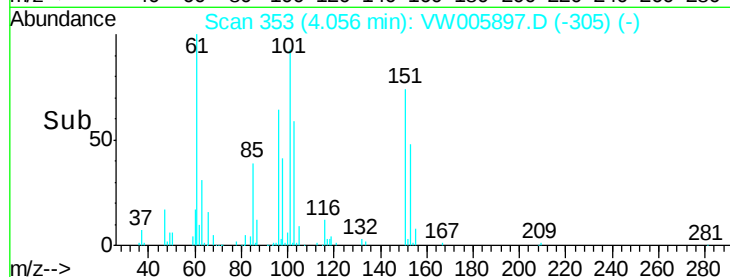
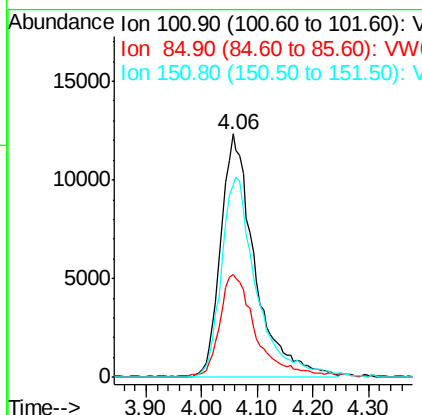
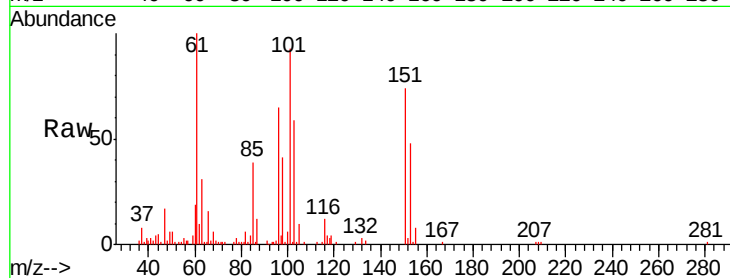
ClientSampleId :

VW1008SBS01

Tgt Ion:	101	Resp:	52631
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.1	52.7
151	84.6	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 18.21 ug/l

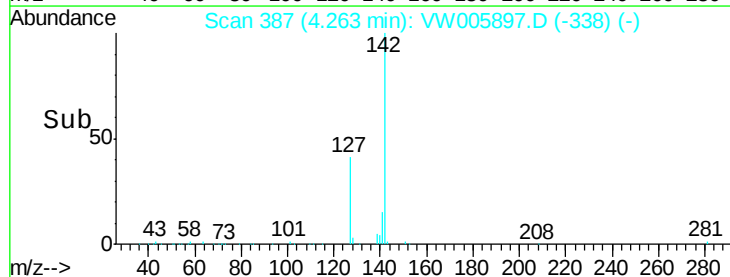
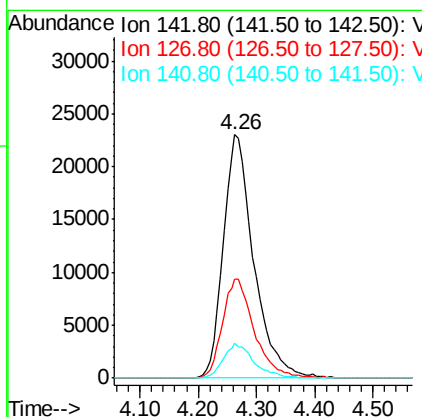
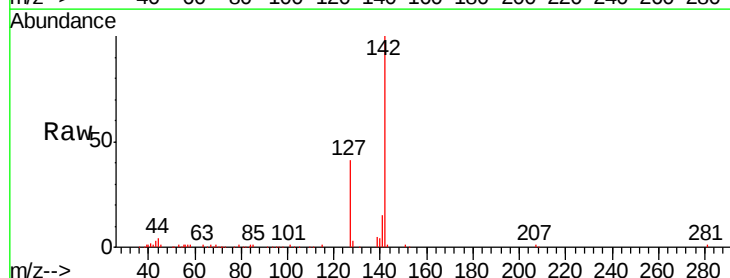
RT: 4.26 min Scan# 387

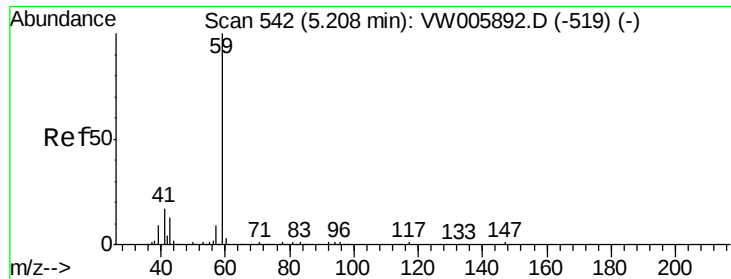
Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion:	142	Resp:	83605
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.7	50.5
141	14.5	11.5	17.3





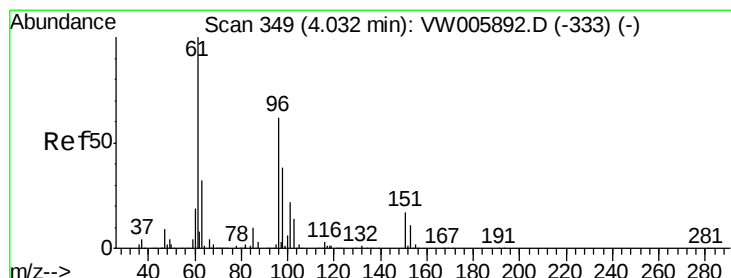
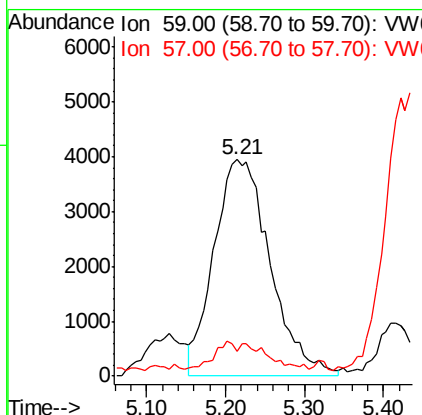
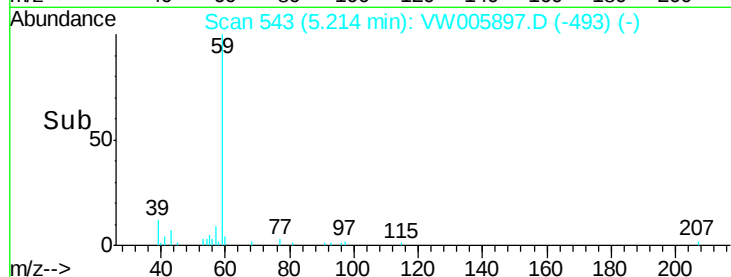
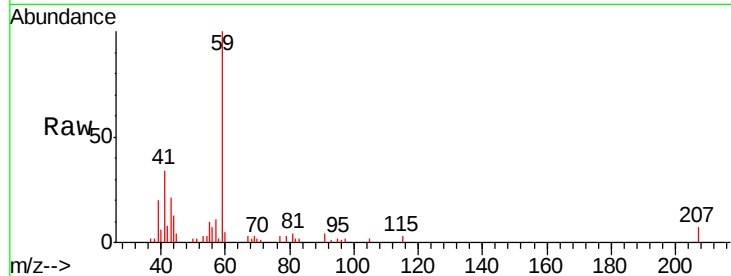
#11
Tert butyl alcohol
Concen: 89.79 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion: 59 Resp: 19559
Ion Ratio Lower Upper
59 100
57 4.9 7.7 11.5#

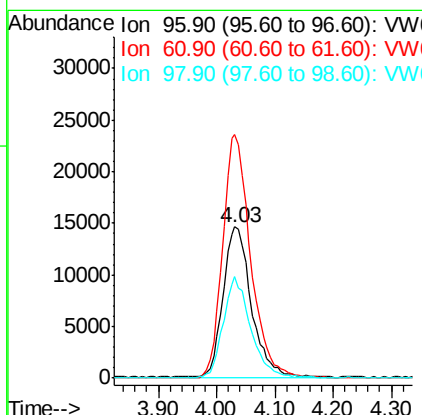
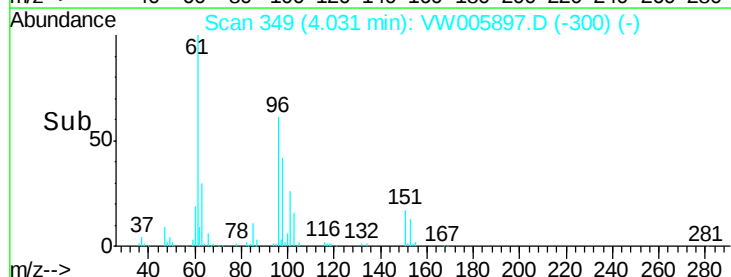
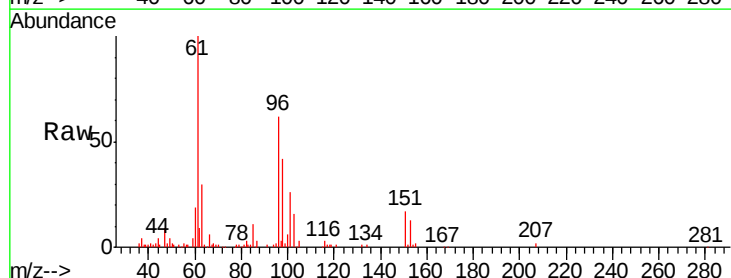
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#12
1,1-Dichloroethene
Concen: 18.30 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 96 Resp: 49314
Ion Ratio Lower Upper
96 100
61 161.9 128.6 193.0
98 67.3 49.4 74.0





#13

Acrolein

Concen: 97.19 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

Tgt Ion: 56 Resp: 18867

Ion Ratio Lower Upper

56 100

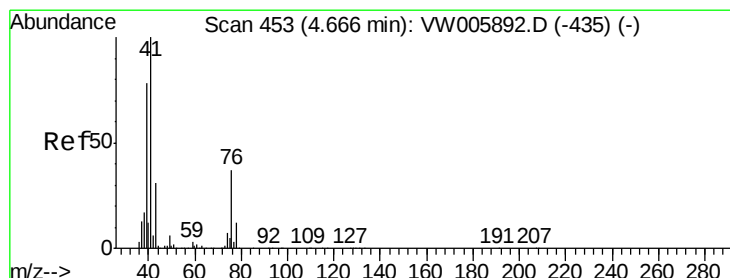
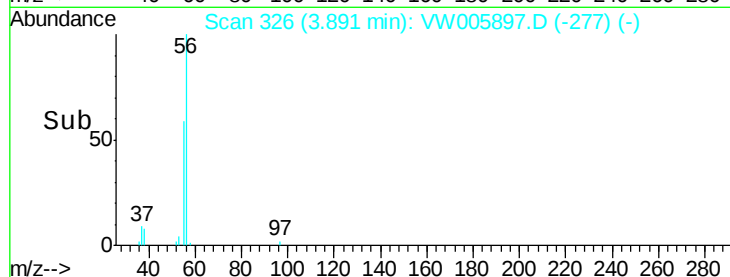
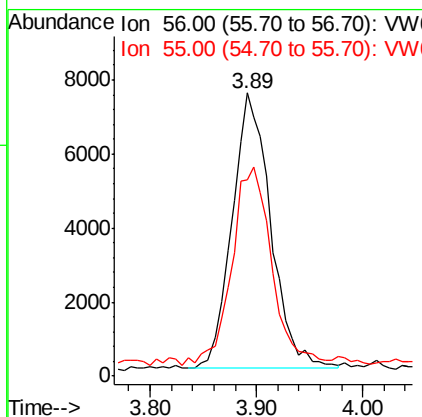
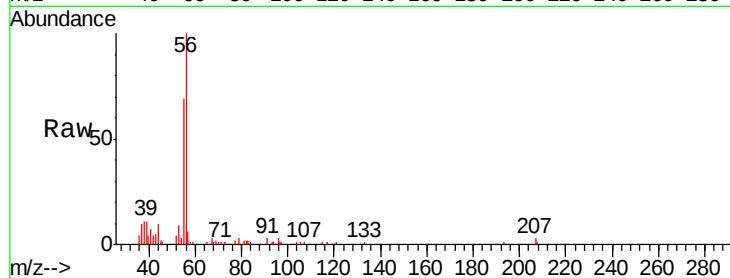
55 74.9 54.6 82.0

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#14

Allyl chloride

Concen: 17.65 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

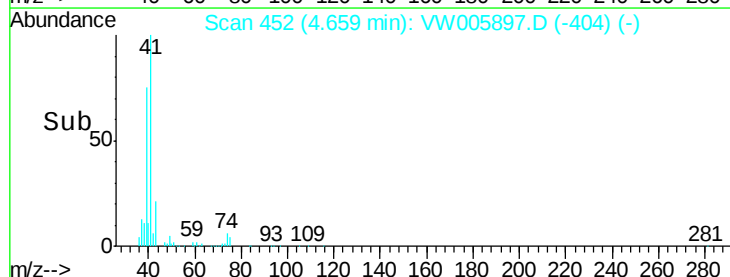
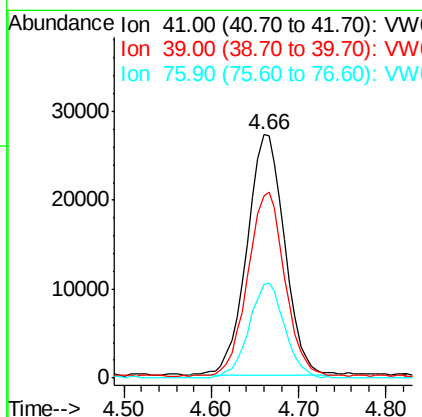
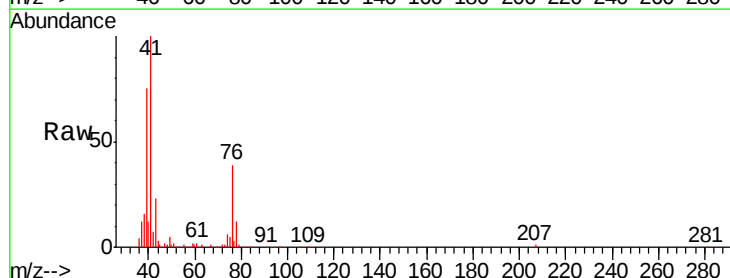
Tgt Ion: 41 Resp: 81117

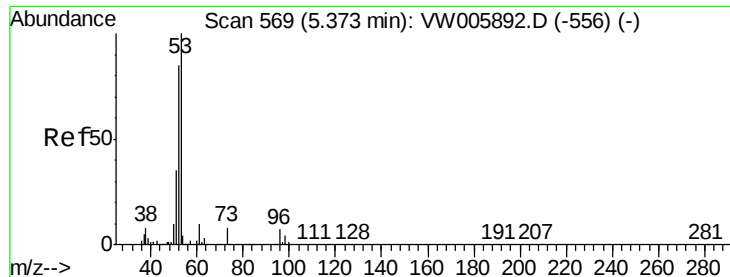
Ion Ratio Lower Upper

41 100

39 75.7 60.8 91.2

76 37.7 29.6 44.4





#15

Acrylonitrile

Concen: 93.75 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

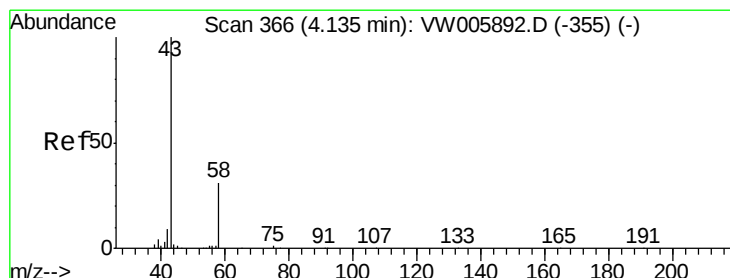
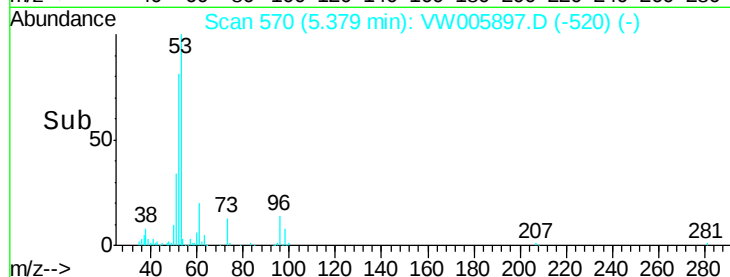
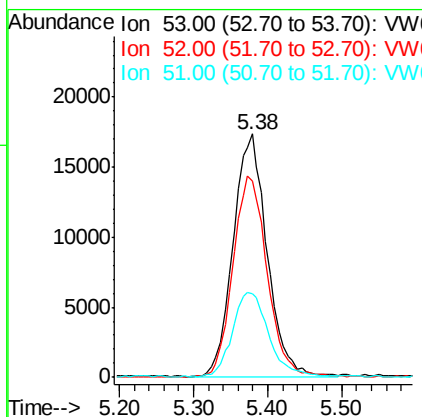
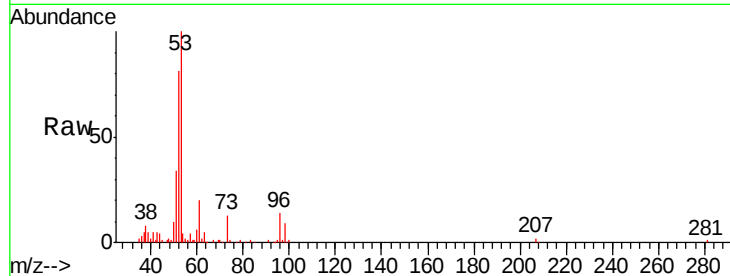
ClientSampleId :

VW1008SBS01

Tgt Ion:	53	Resp:	55846
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	36.5	29.8	44.6

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#16

Acetone

Concen: 101.23 ug/l

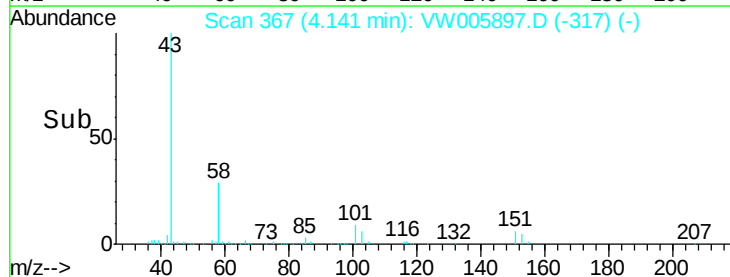
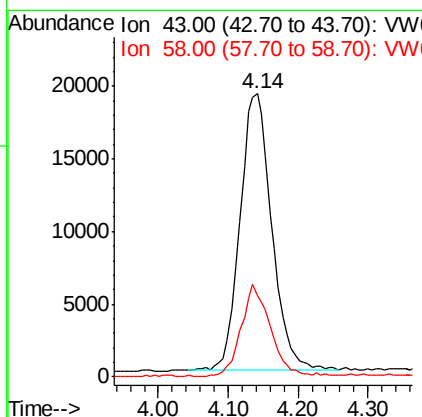
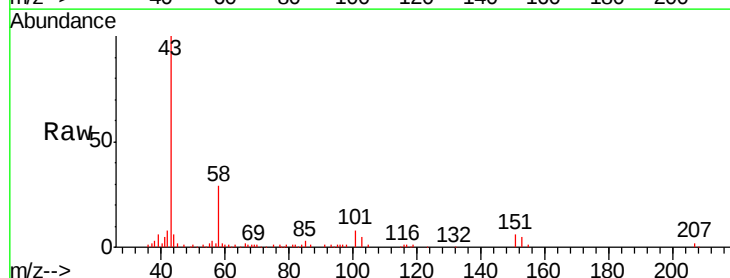
RT: 4.14 min Scan# 367

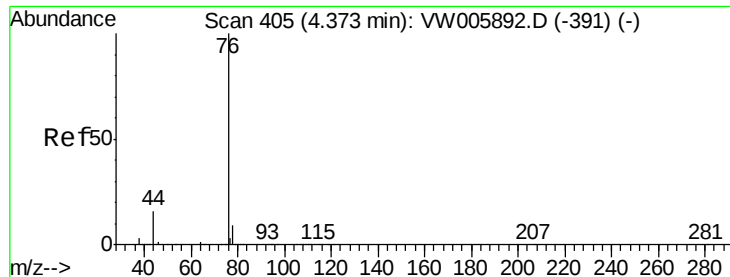
Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion:	43	Resp:	60097
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.7	37.1





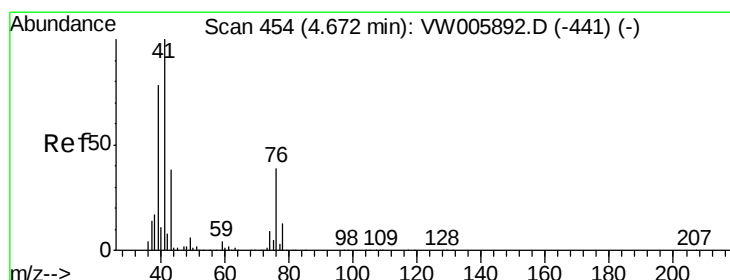
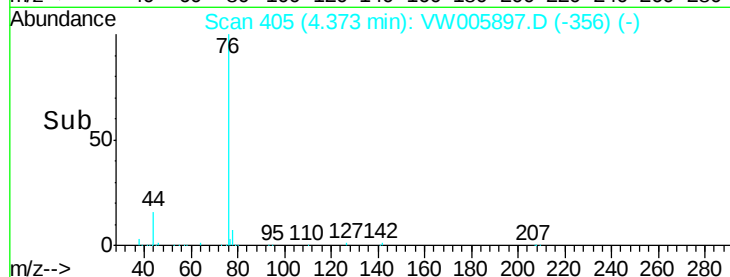
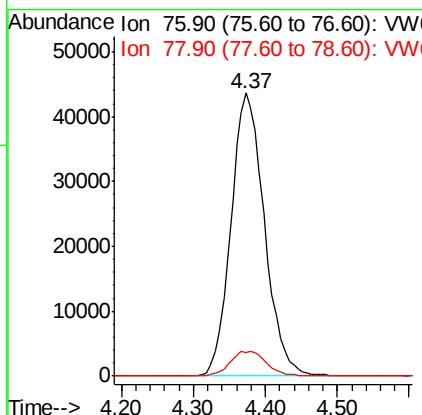
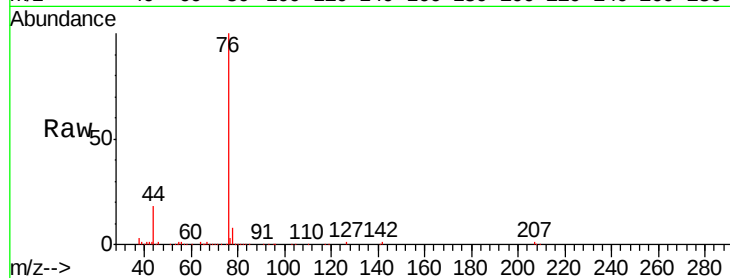
#17
Carbon Disulfide
Concen: 17.22 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.4	11.0

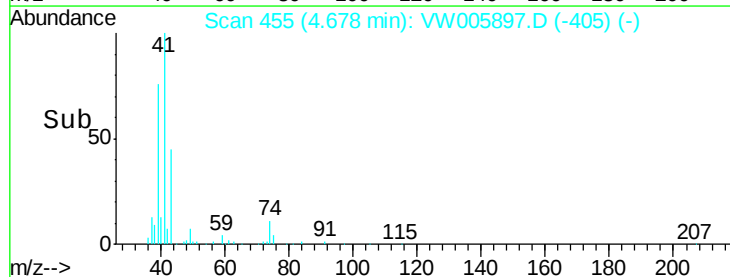
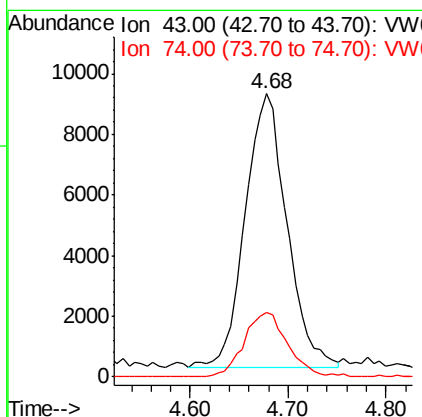
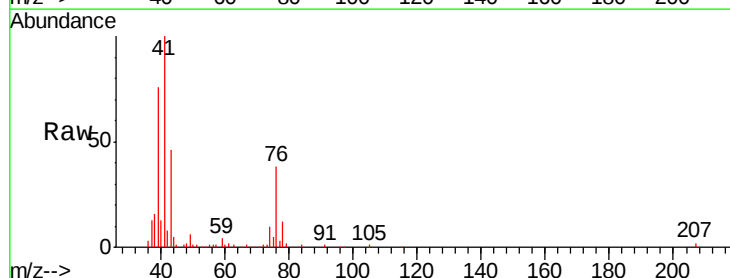
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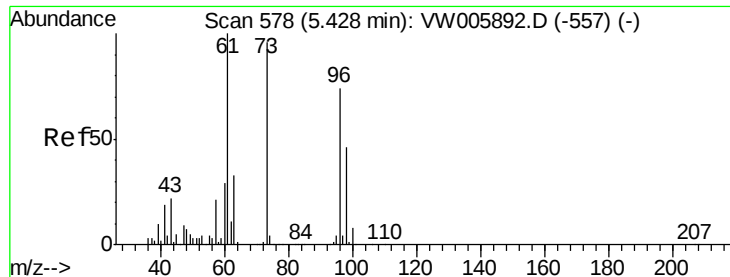
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#18
Methyl Acetate
Concen: 17.93 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.2	28.8





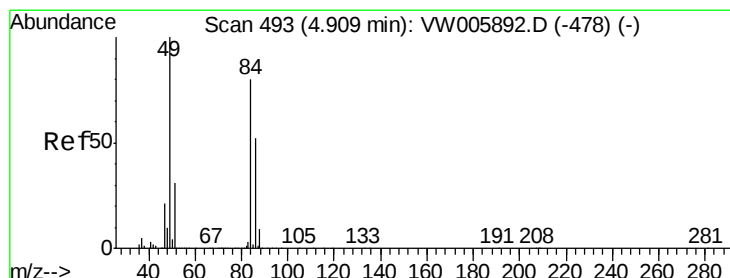
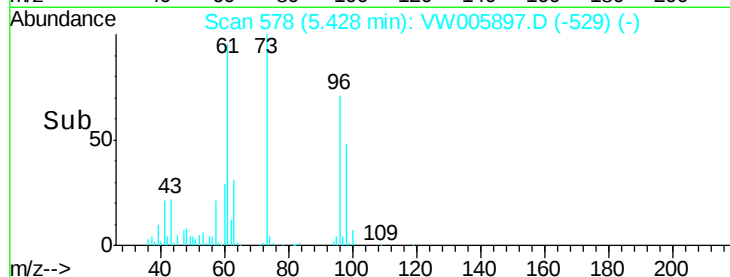
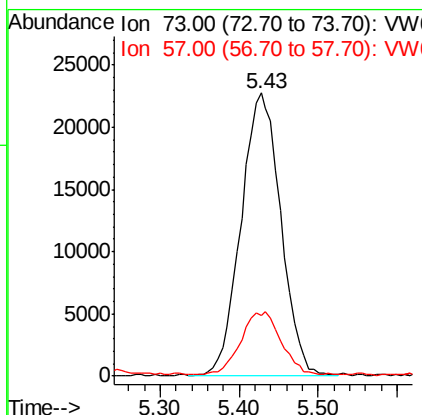
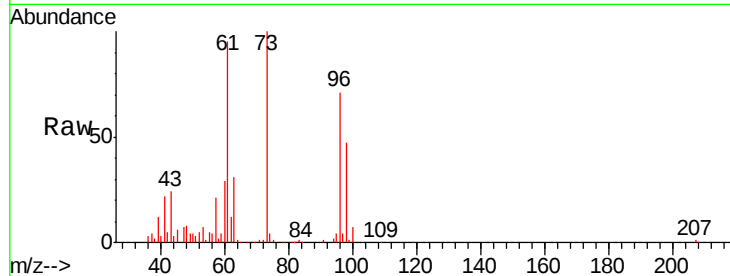
#19
Methyl tert-butyl Ether
Concen: 18.89 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion: 73 Resp: 79199
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5

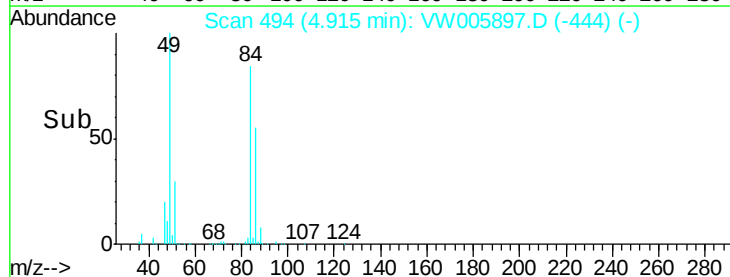
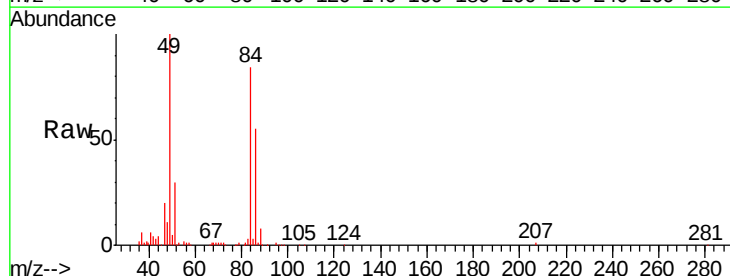
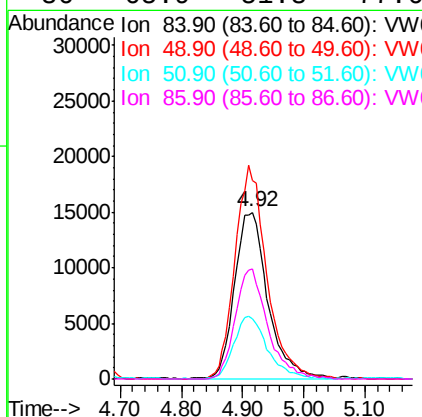
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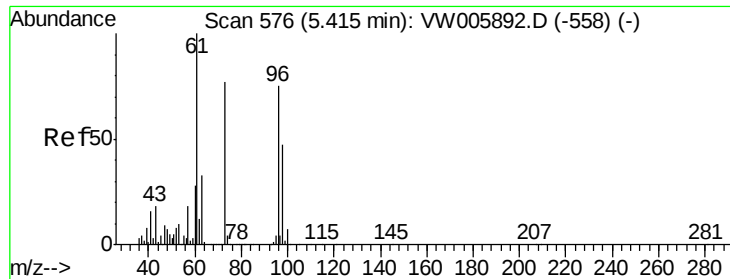
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#20
Methylene Chloride
Concen: 19.07 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 84 Resp: 56734
Ion Ratio Lower Upper
84 100
49 119.3 99.9 149.9
51 35.9 31.1 46.7
86 65.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.72 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

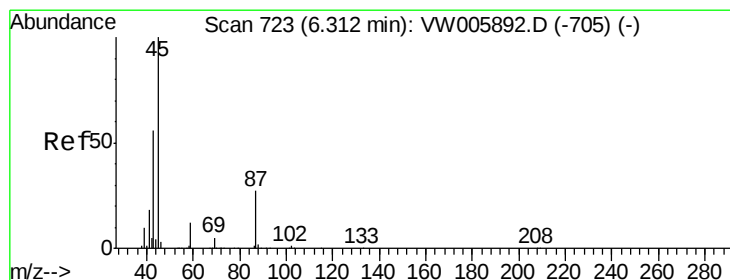
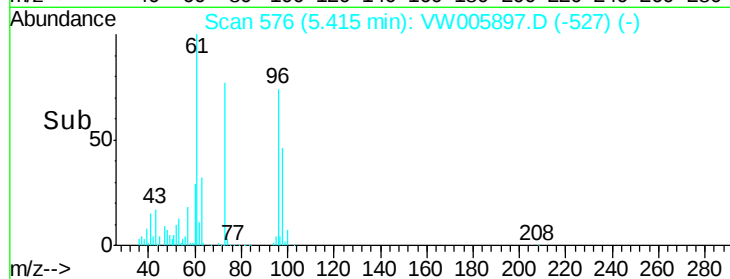
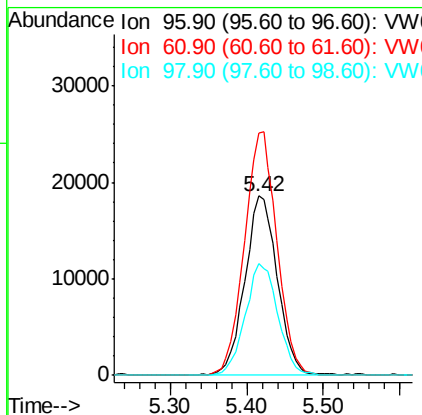
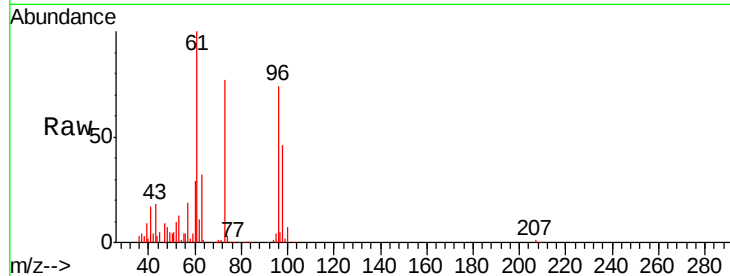
ClientSampleId :

VW1008SBSD01

Tgt Ion:	96	Resp:	54984
Ion	Ratio	Lower	Upper
96	100		
61	135.4	107.4	161.0
98	62.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 18.54 ug/l

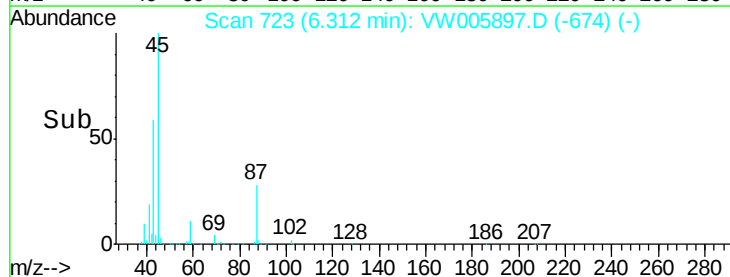
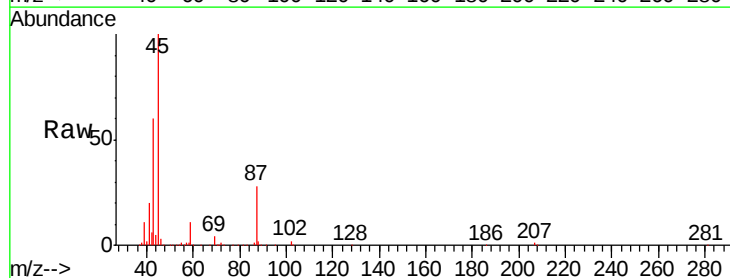
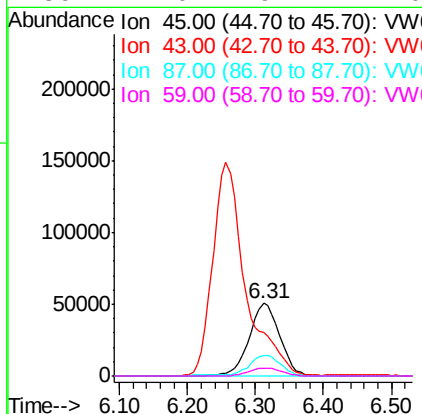
RT: 6.31 min Scan# 723

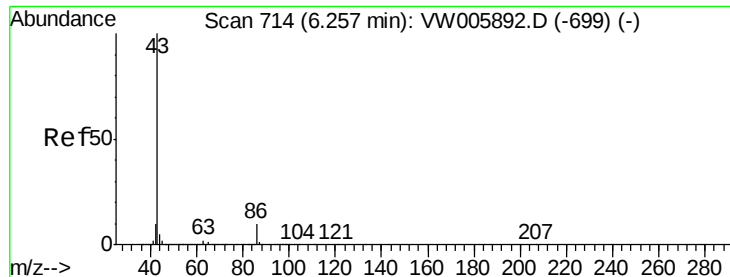
Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion:	45	Resp:	159326
Ion	Ratio	Lower	Upper
45	100		
43	58.6	45.9	68.9
87	27.5	22.2	33.4
59	11.0	9.4	14.0





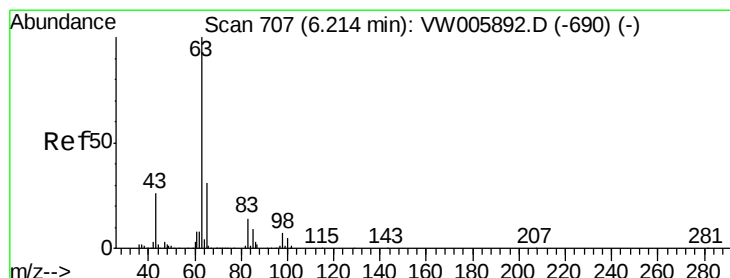
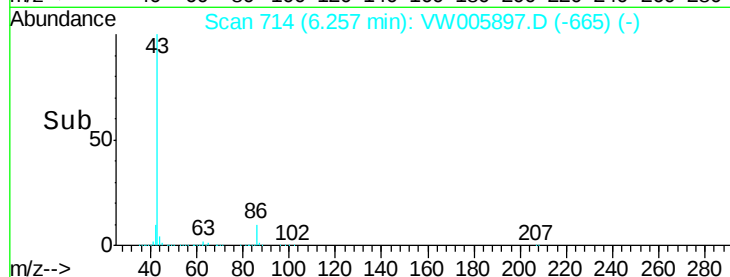
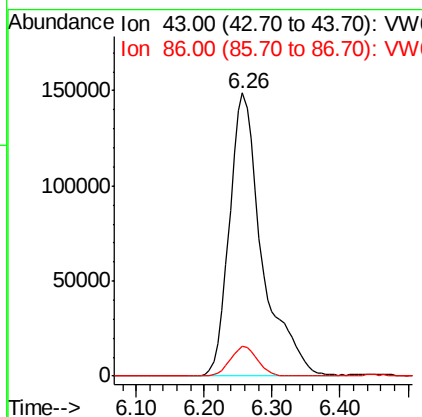
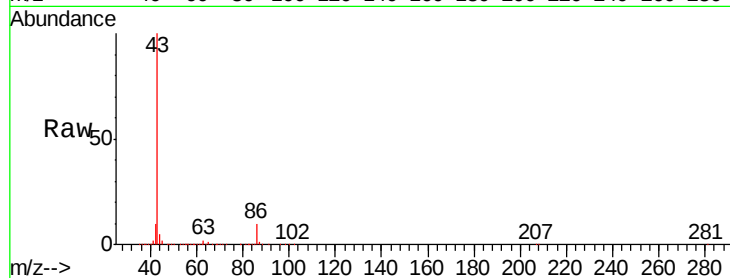
#23
 Vinyl Acetate
 Concen: 93.38 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	493806		
86	10.5		8.2	12.4

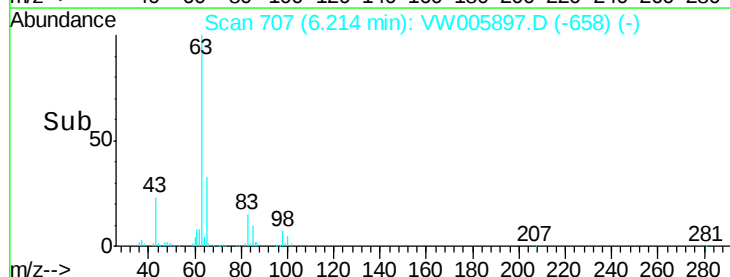
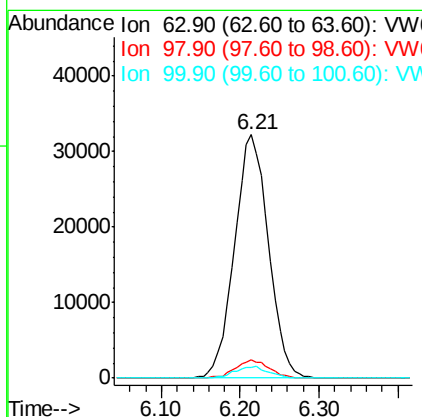
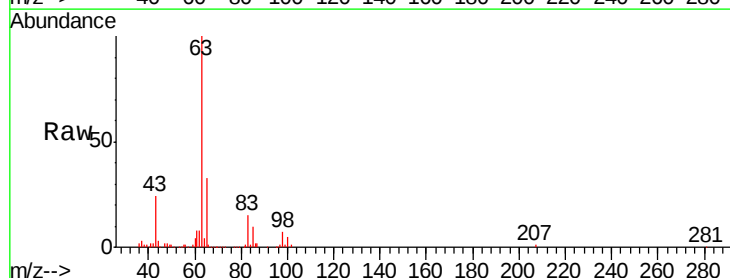
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#24
 1,1-Dichloroethane
 Concen: 18.33 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	96362		
98	7.3		3.5	10.6
100	4.6		2.4	7.1





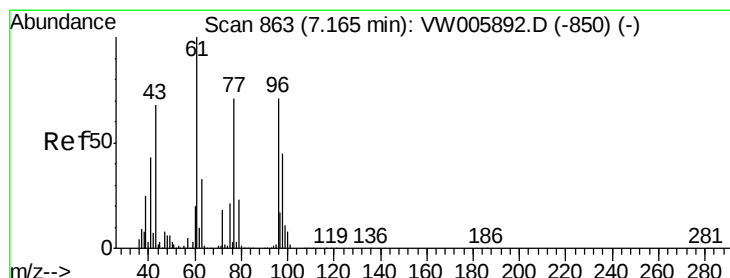
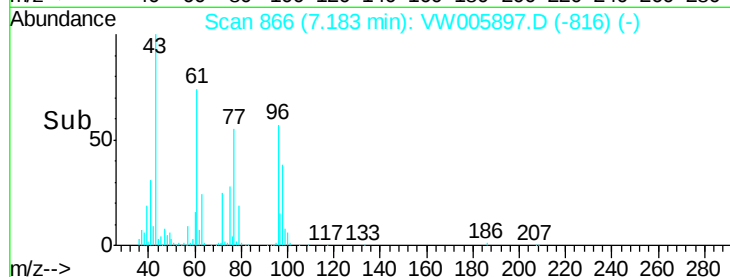
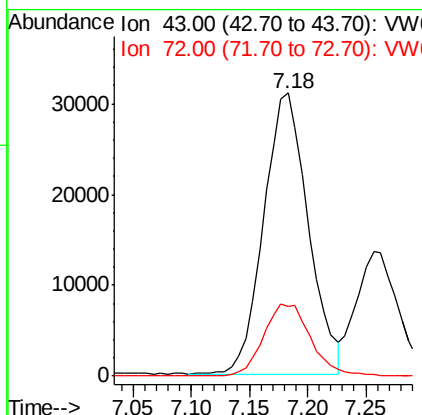
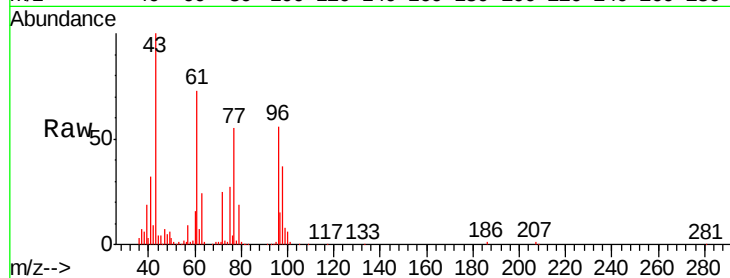
#25
2-Butanone
Concen: 97.69 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampled :
VW1008SBS01

Tgt Ion: 43 Resp: 82491
Ion Ratio Lower Upper
43 100
72 25.0 21.0 31.4

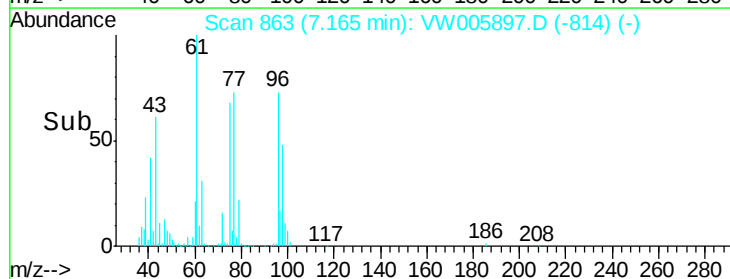
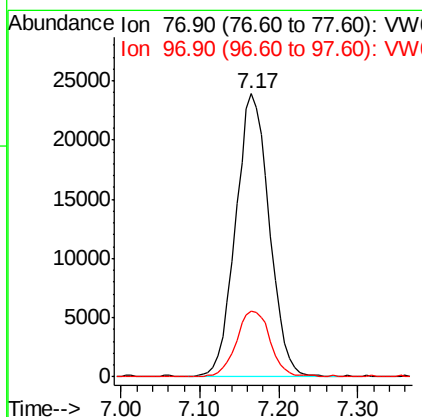
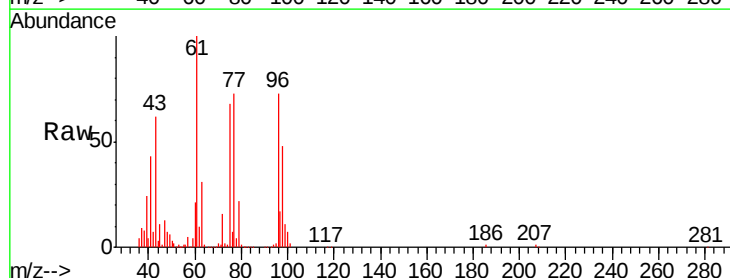
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#26
2,2-Dichloropropane
Concen: 19.16 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 77 Resp: 70899
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7





#27

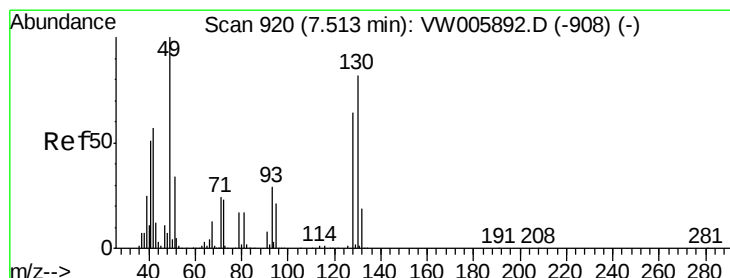
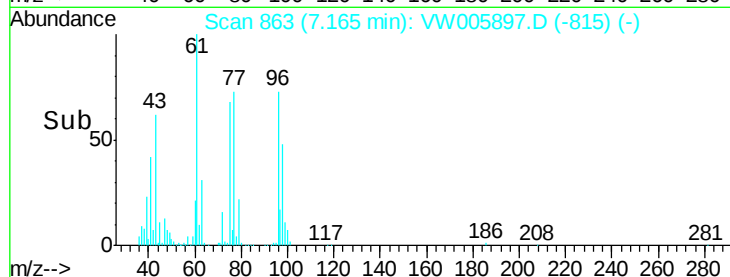
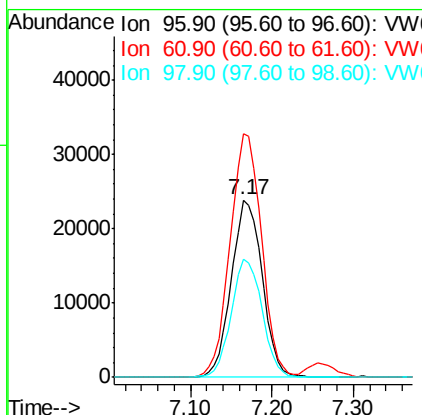
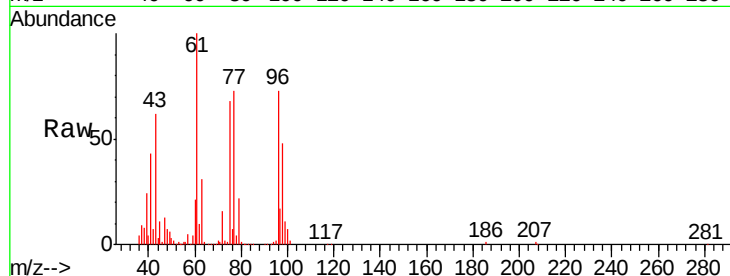
cis-1,2-Dichloroethene
 Concen: 18.91 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	284.0
98	66.0	0.0	129.8

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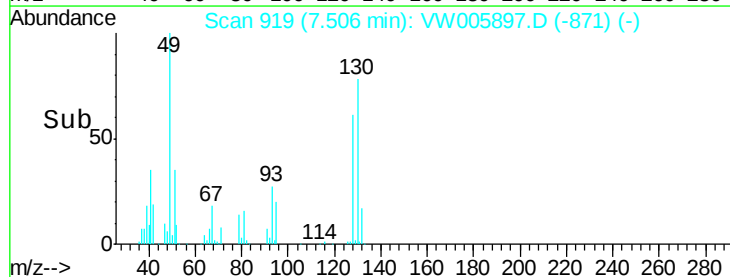
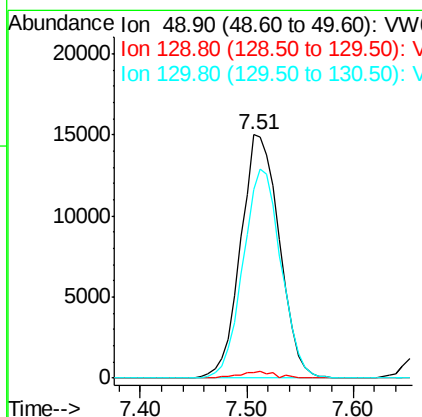
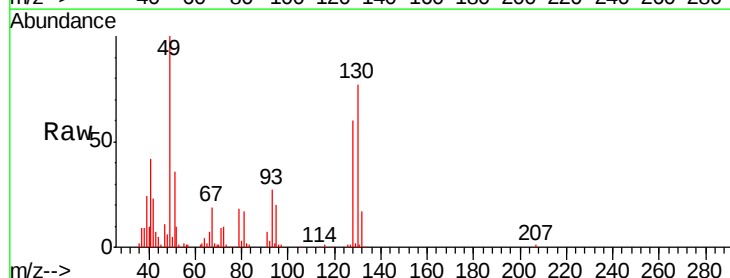
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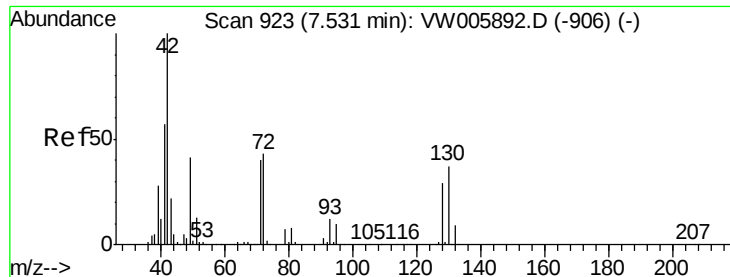


#28

Bromochloromethane
 Concen: 19.71 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	84.4	66.9	100.3





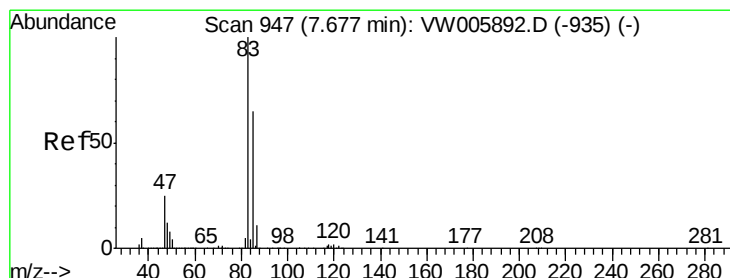
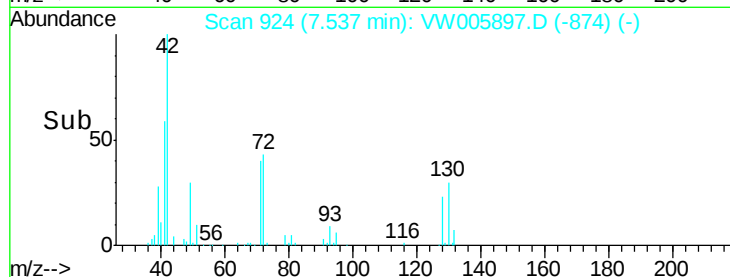
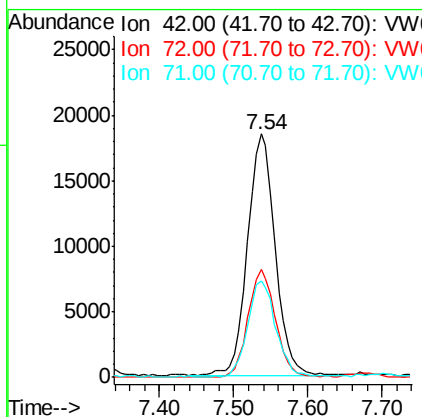
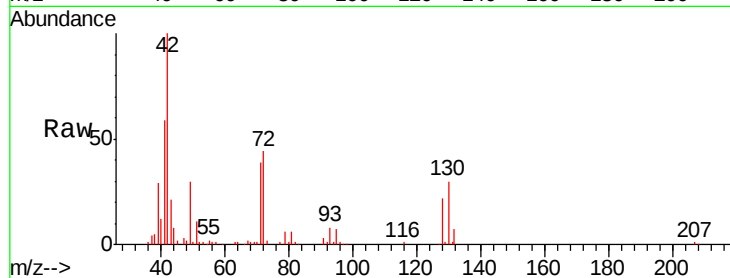
#29
Tetrahydrofuran
Concen: 90.71 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.6	51.8
71	41.0	32.6	49.0

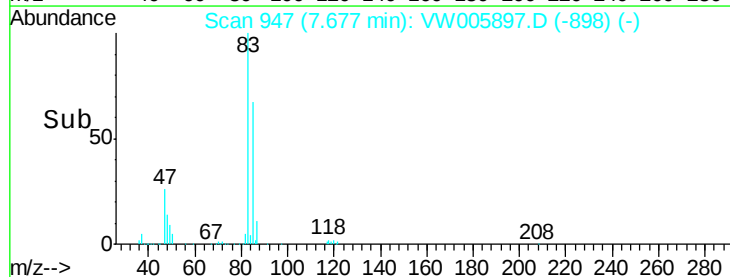
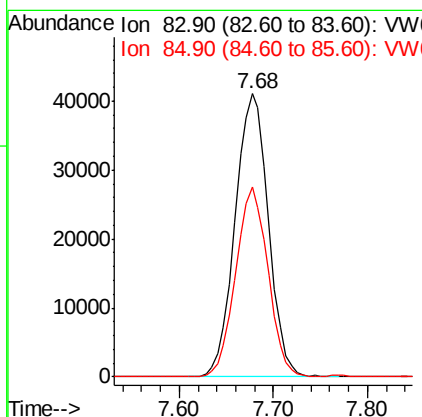
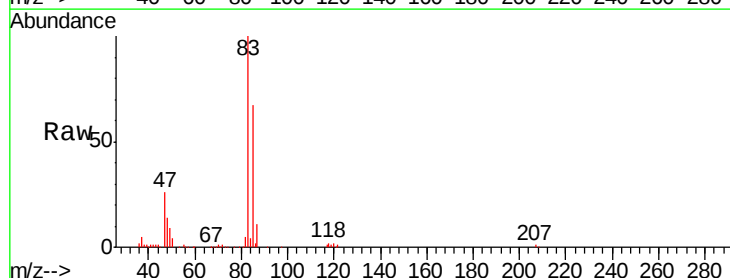
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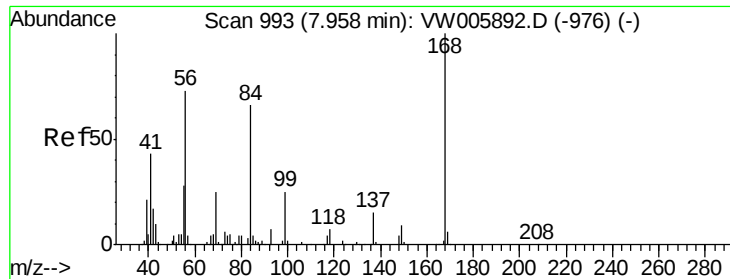
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#30
Chloroform
Concen: 18.71 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.6	77.4





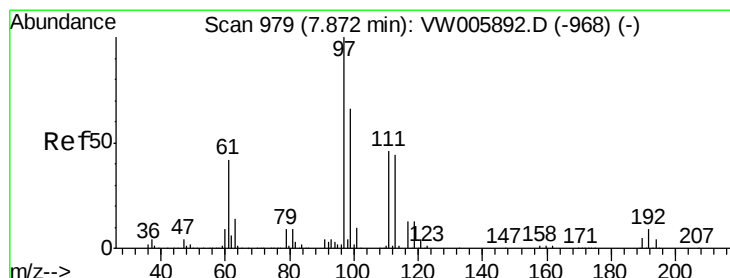
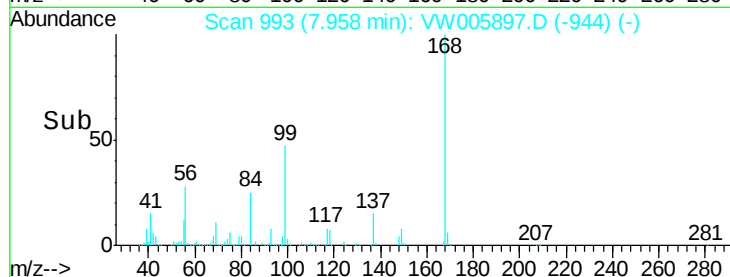
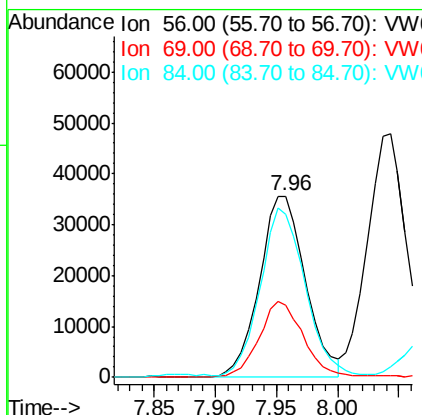
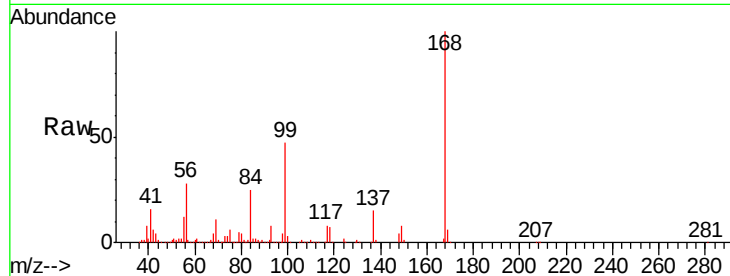
#31
Cyclohexane
Concen: 17.84 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.8	27.9	41.9
84	88.5	72.3	108.5

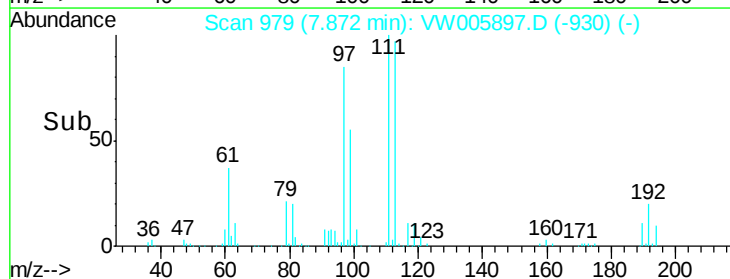
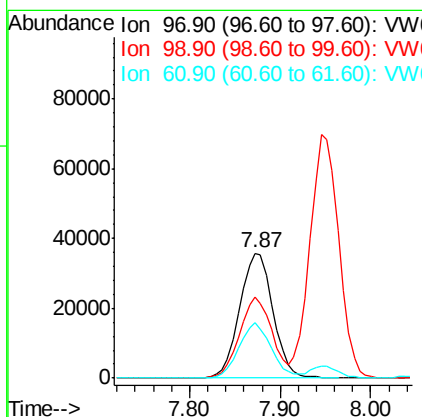
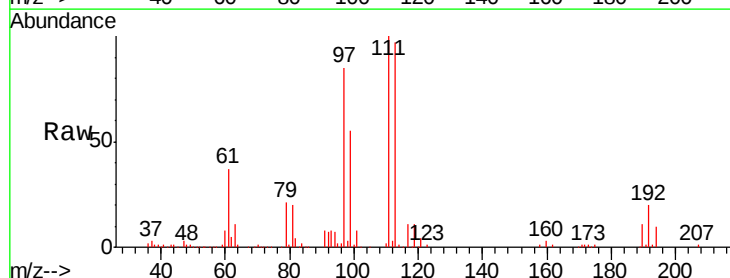
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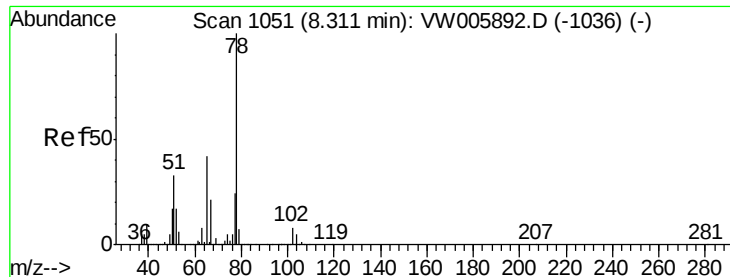
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#32
1,1,1-Trichloroethane
Concen: 19.00 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.6	77.4
61	42.7	34.5	51.7





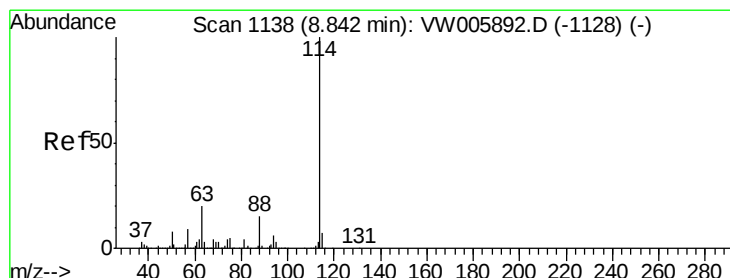
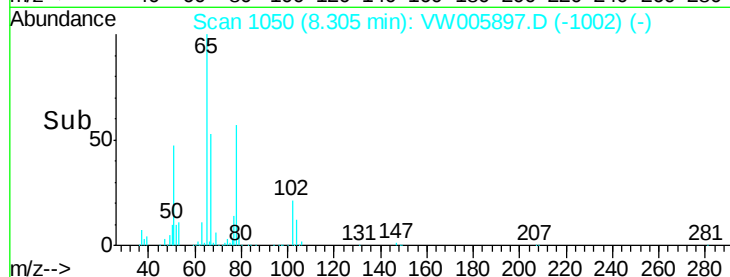
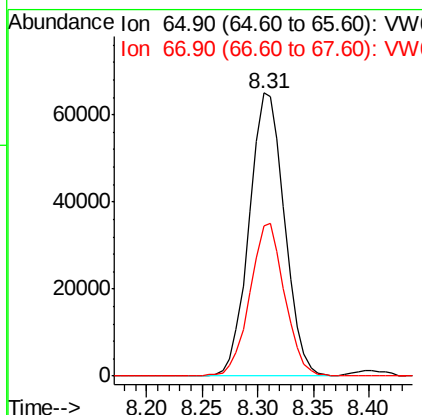
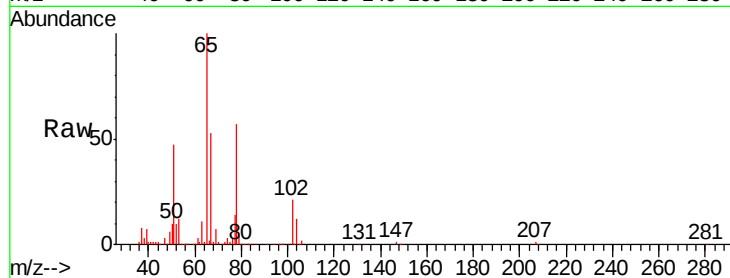
#33
 1,2-Dichloroethane-d4
 Concen: 48.37 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	143765		
67	53.2	0.0	104.6	

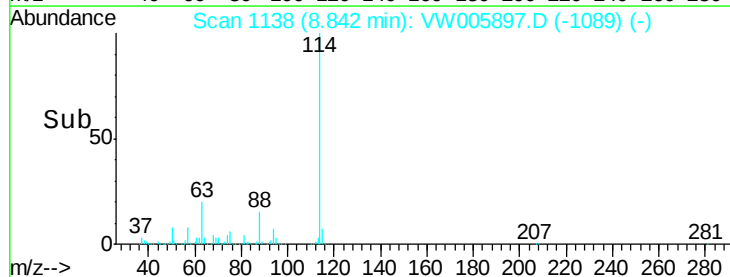
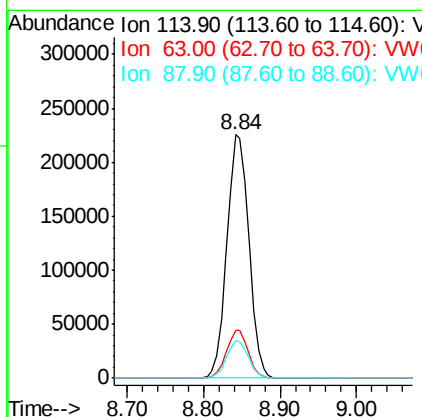
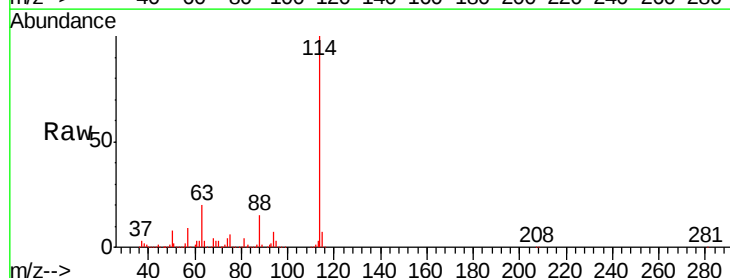
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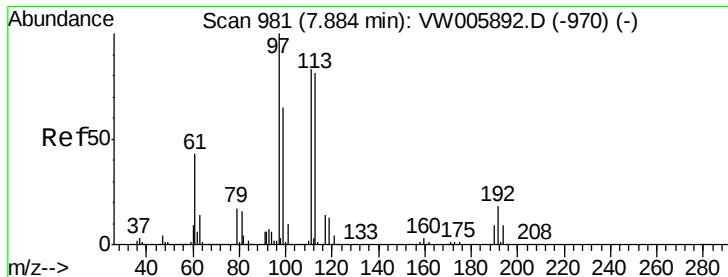
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	446466		
63	19.6	0.0	39.2	
88	15.3	0.0	30.8	





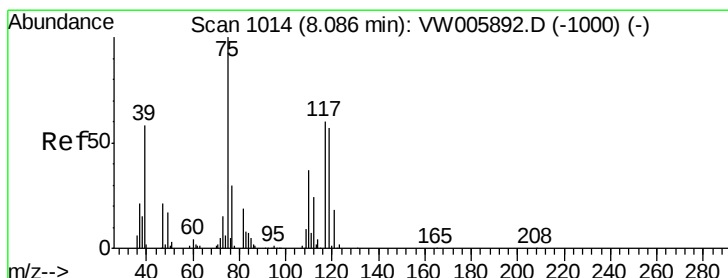
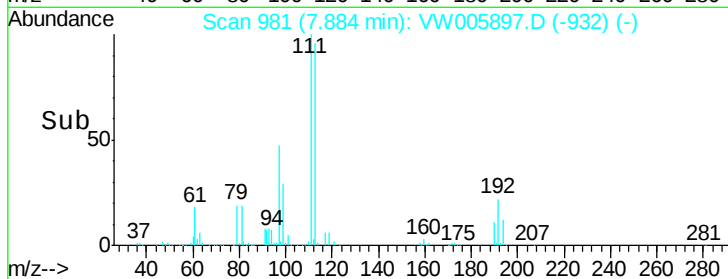
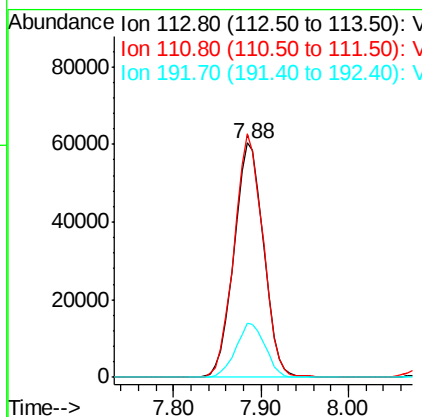
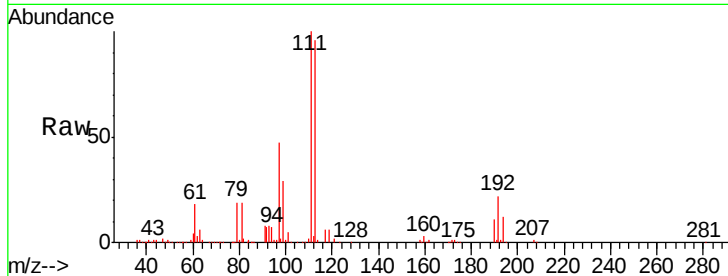
#35
 Dibromofluoromethane
 Concen: 49.81 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	141986		
111	101.5	82.0	123.0	
192	22.9	18.3	27.5	

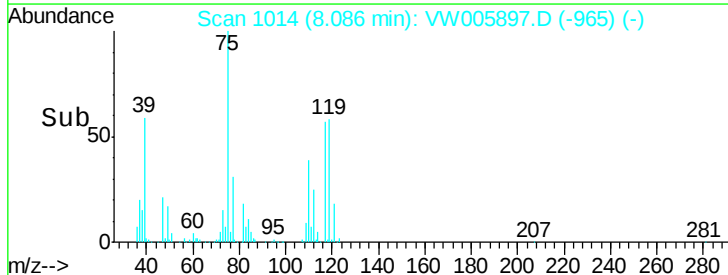
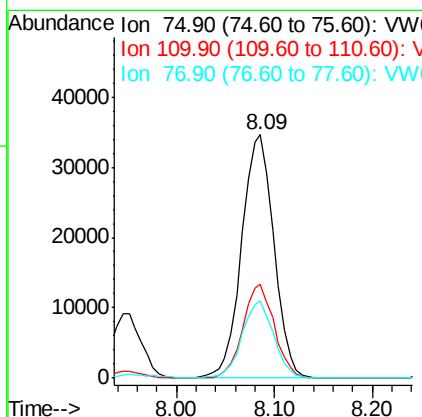
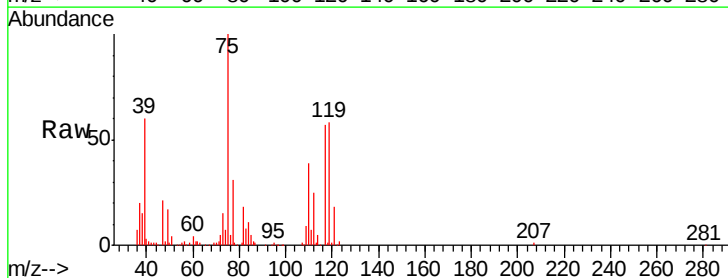
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#36
 1,1-Dichloropropene
 Concen: 18.53 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79262		
110	37.2	18.6	56.0	
77	31.4	24.7	37.1	





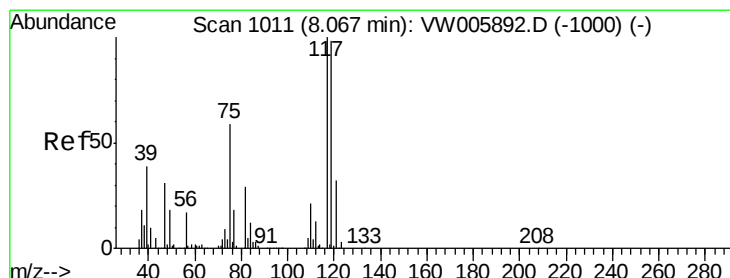
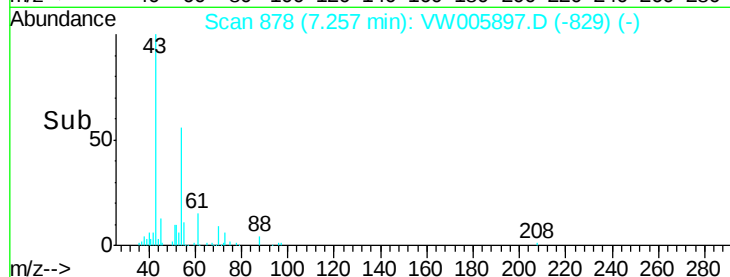
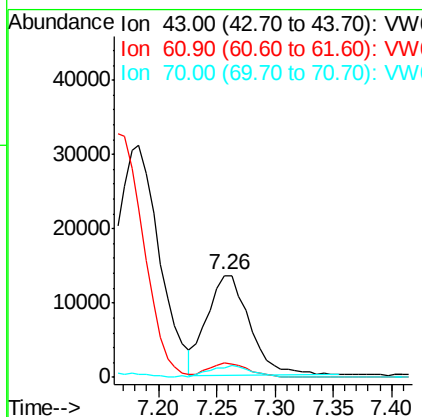
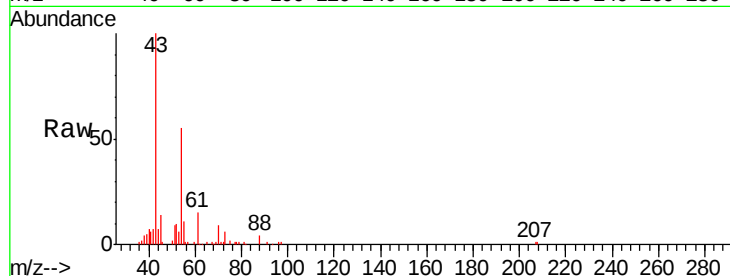
#37
 Ethyl Acetate
 Concen: 18.86 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	12.2	8.6	13.0

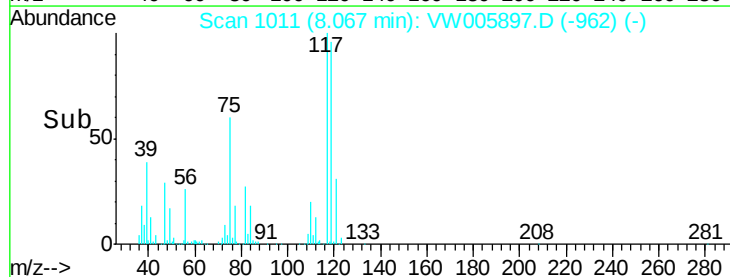
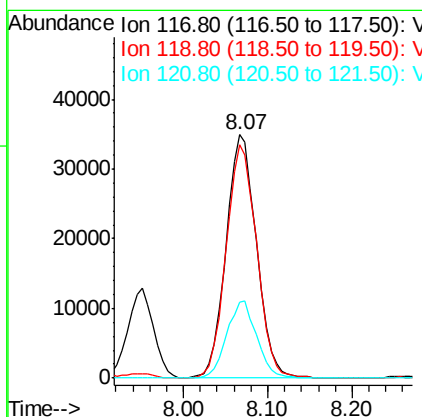
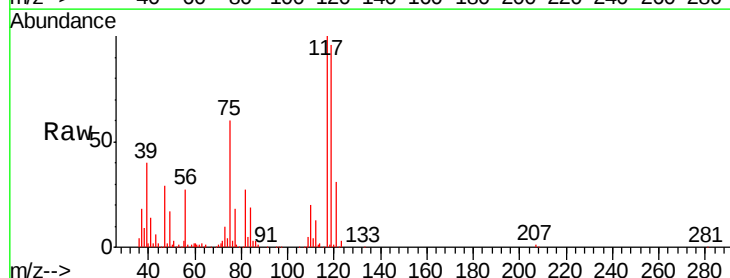
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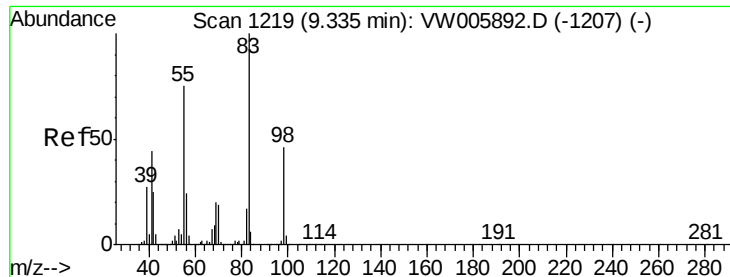
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#38
 Carbon Tetrachloride
 Concen: 18.64 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.6	117.8
121	31.3	25.3	37.9





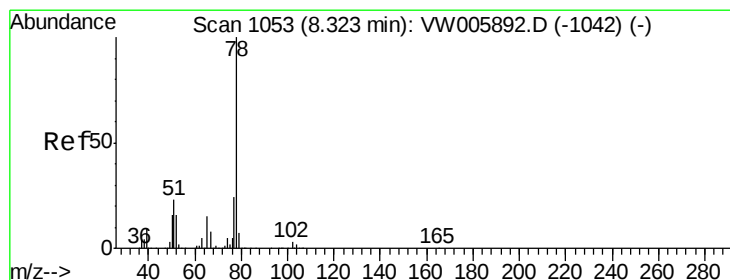
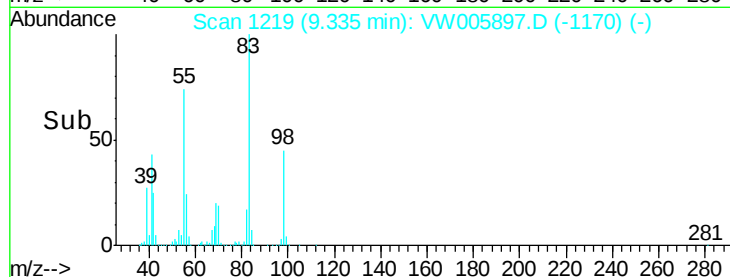
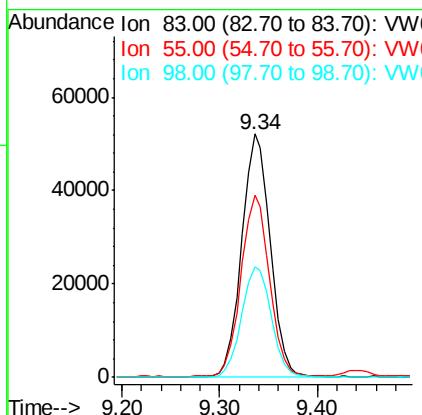
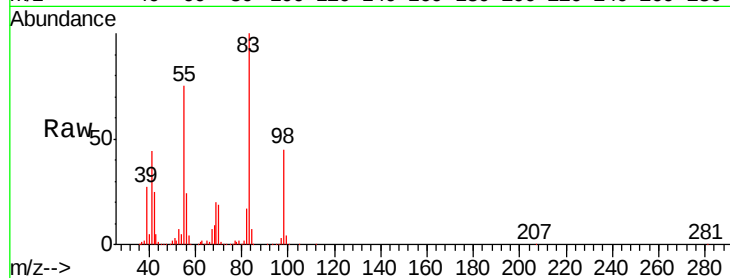
#39
Methylcyclohexane
Concen: 18.75 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.2	59.8	89.6
98	45.3	37.1	55.7

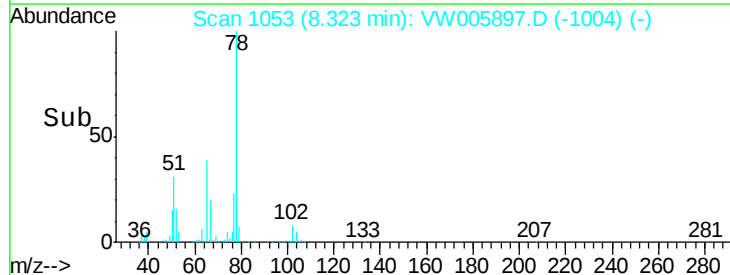
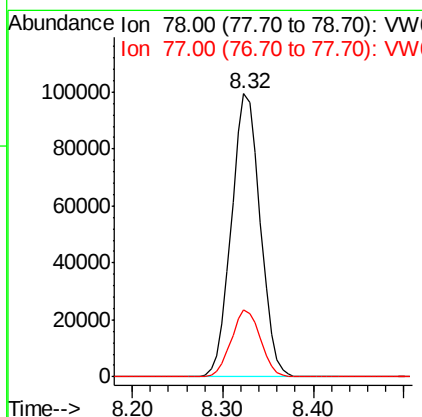
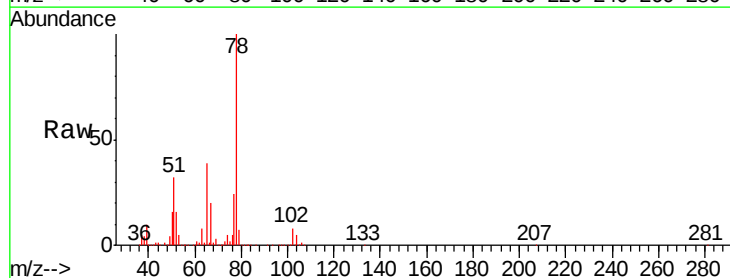
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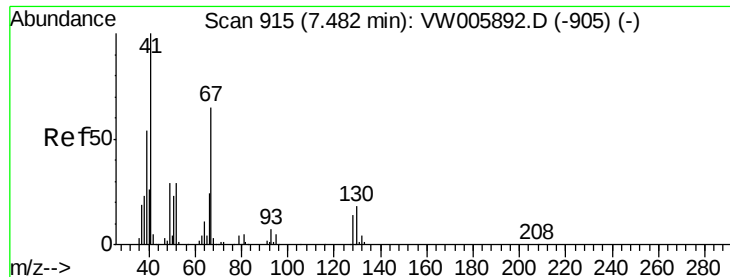
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#40
Benzene
Concen: 18.74 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





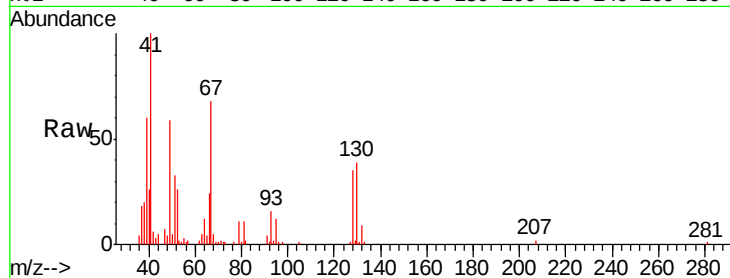
#41
Methacrylonitrile
Concen: 16.95 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampled :
VW1008SBSD01

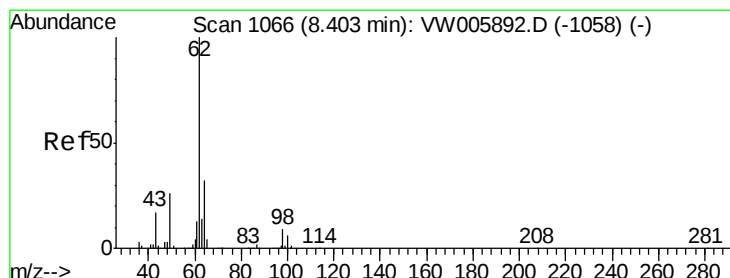
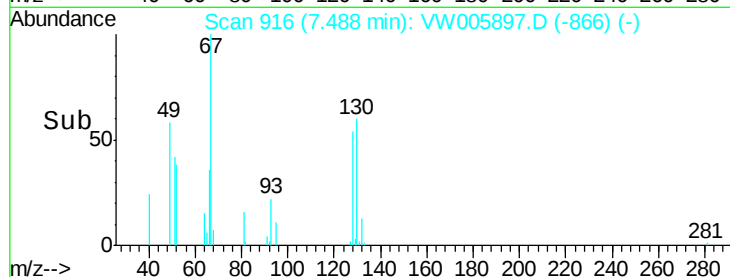
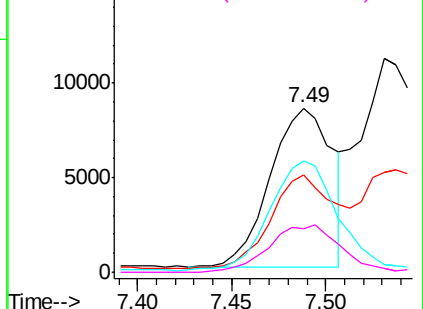
Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.0	67.4
67	75.2	55.8	83.8
52	34.3	25.3	37.9

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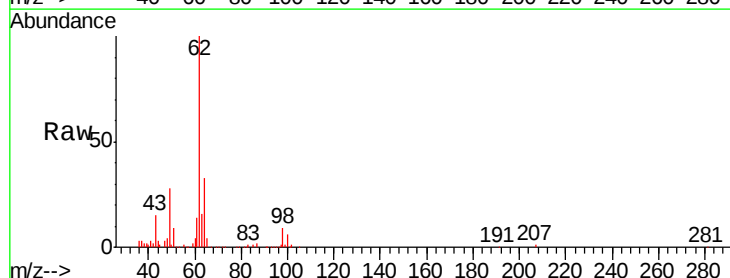


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

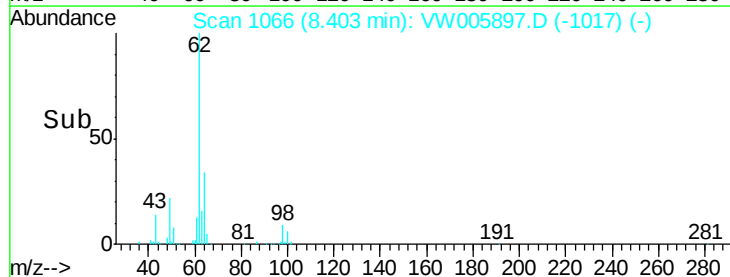
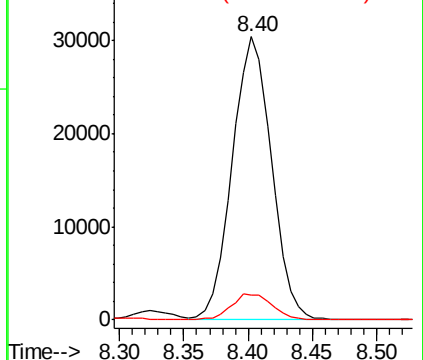


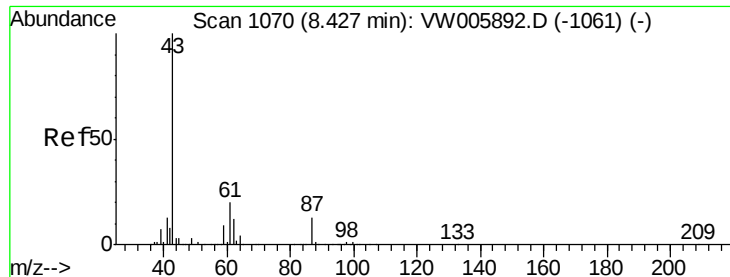
#42
1,2-Dichloroethane
Concen: 18.24 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 18.54 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

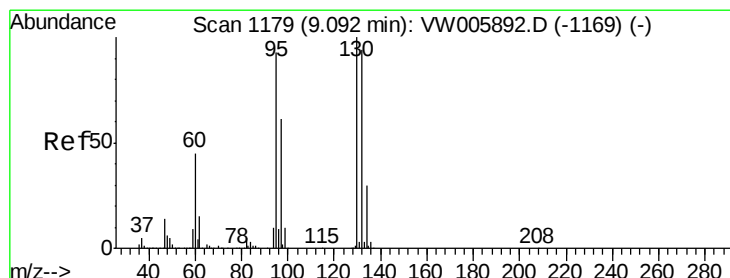
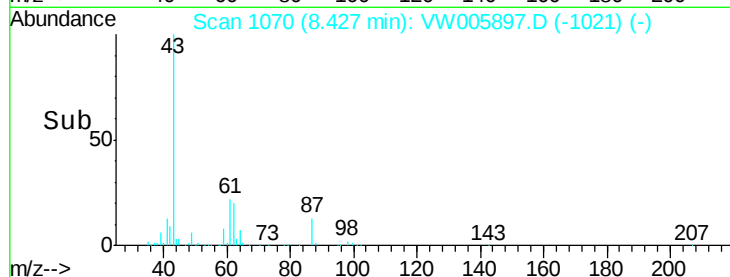
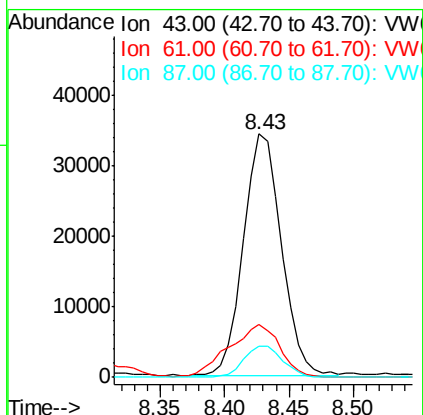
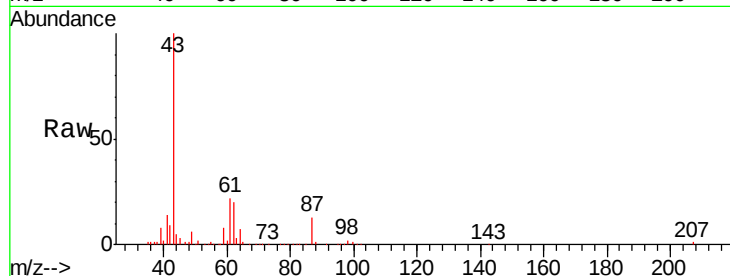
ClientSampleId :

VW1008SBS01

Tgt Ion:	43	Resp:	70166
Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.1	34.7
87	13.3	10.7	16.1

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#44

Trichloroethene

Concen: 19.32 ug/l

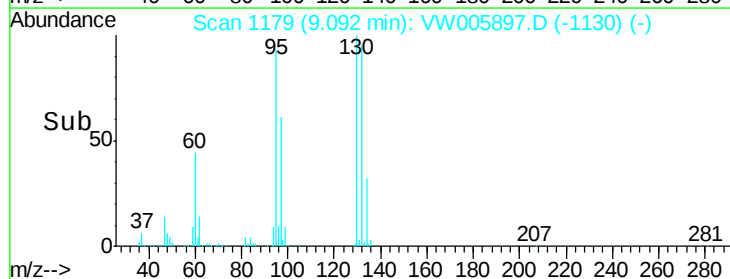
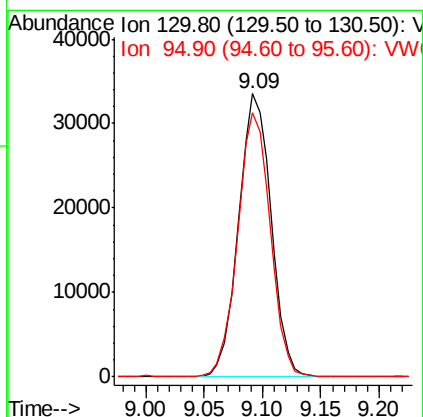
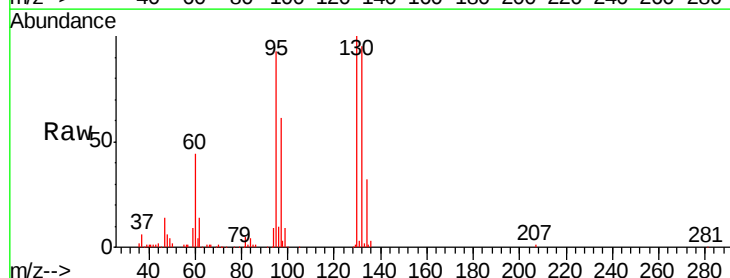
RT: 9.09 min Scan# 1179

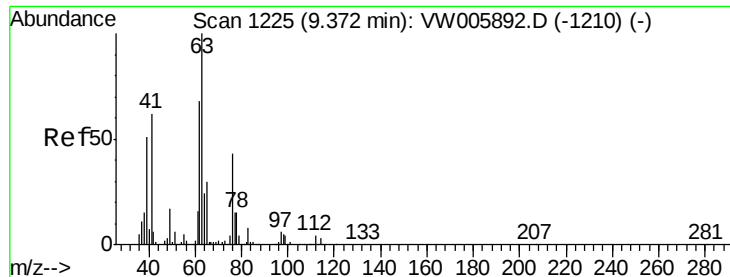
Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion:	130	Resp:	65633
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	185.6





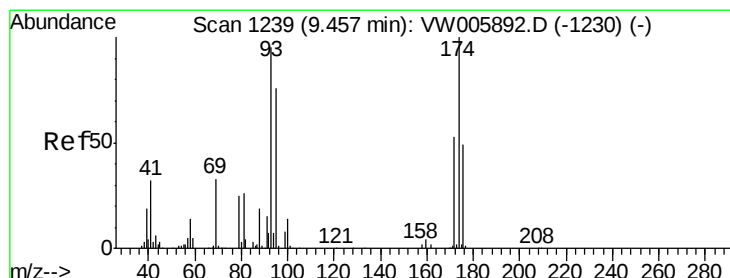
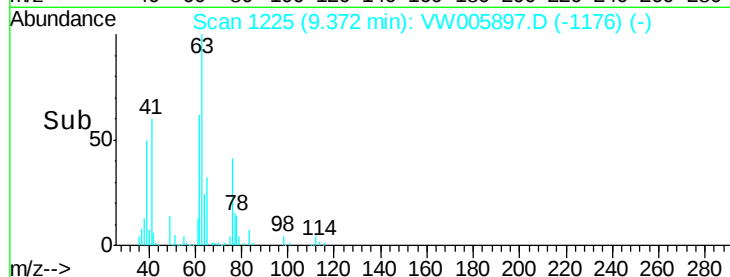
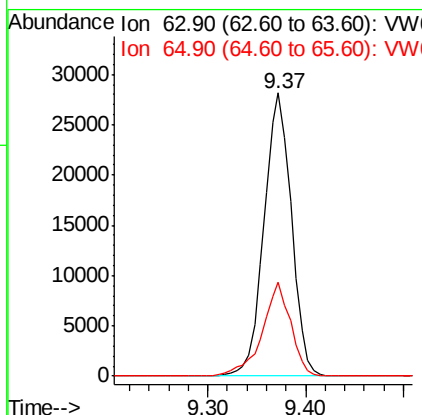
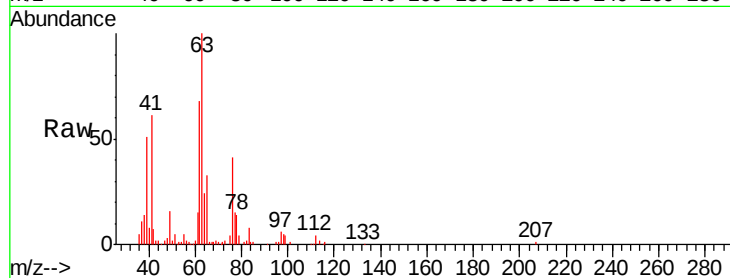
#45
 1,2-Dichloropropane
 Concen: 18.70 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.3	36.5

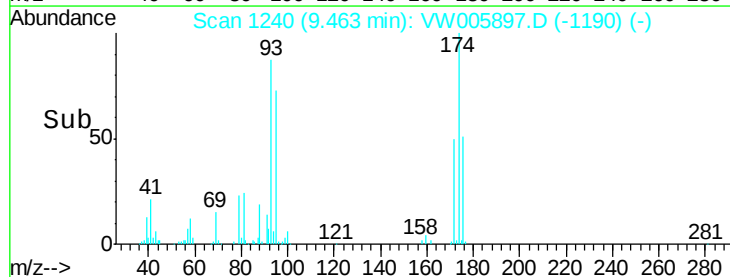
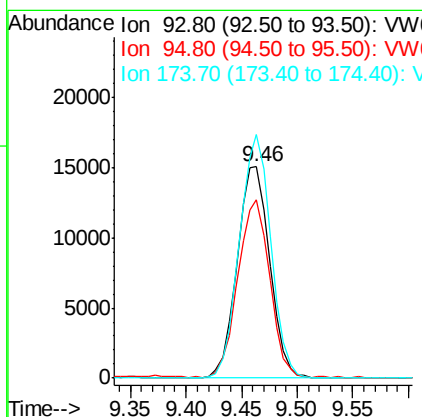
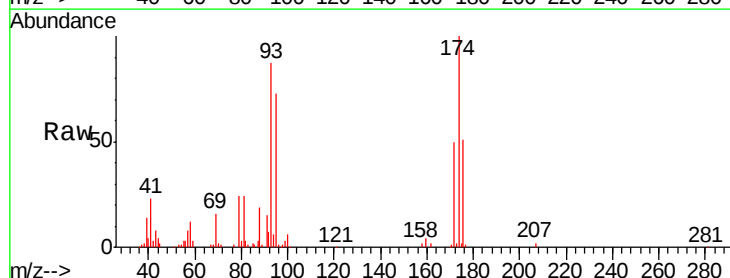
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#46
 Dibromomethane
 Concen: 18.99 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.6	99.8
174	110.9	90.4	135.6





#47

Bromodichloromethane

Concen: 18.72 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

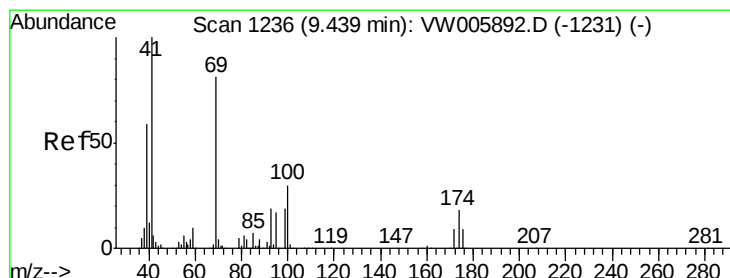
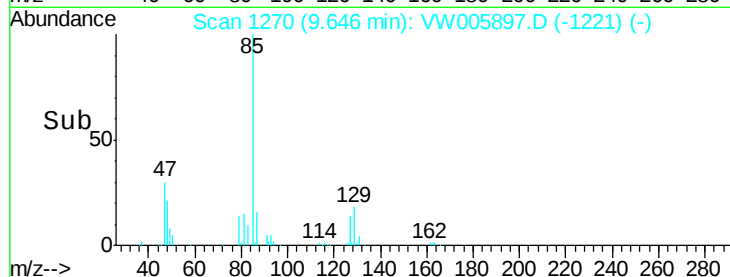
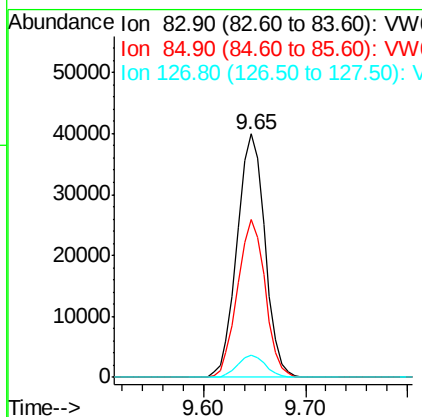
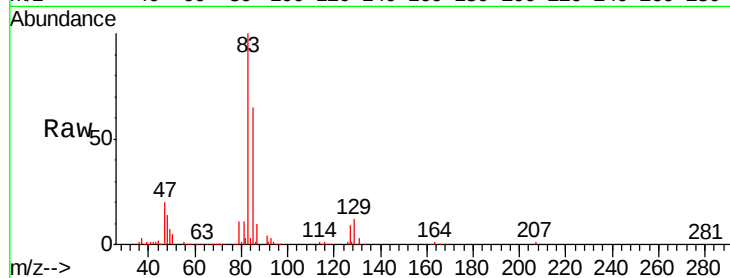
ClientSampleId :

VW1008SBS01

Tgt Ion:	83	Resp:	75865
Ion Ratio	Lower	Upper	
83	100		
85	64.8	53.0	79.6
127	9.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 18.59 ug/l

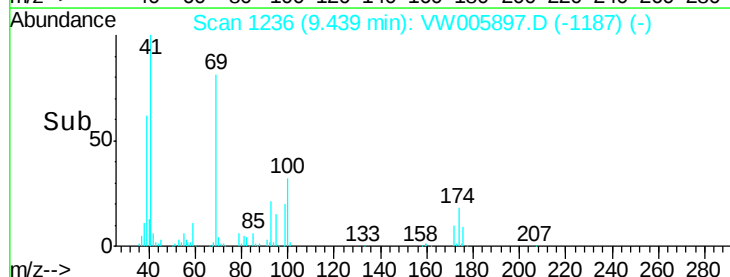
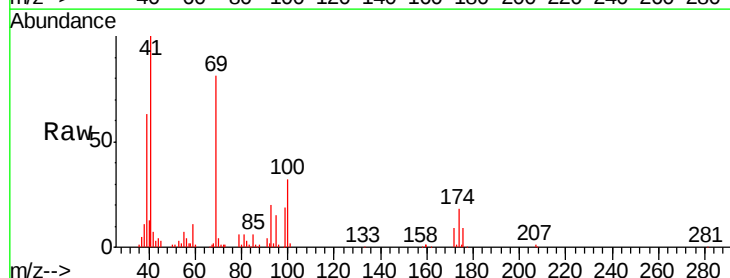
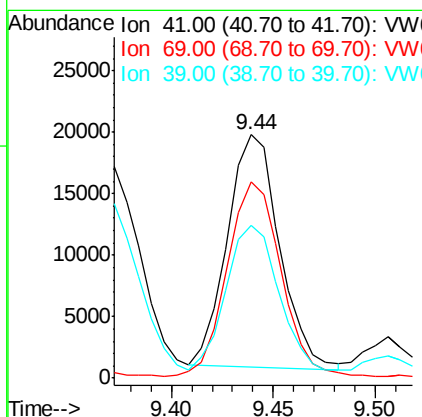
RT: 9.44 min Scan# 1236

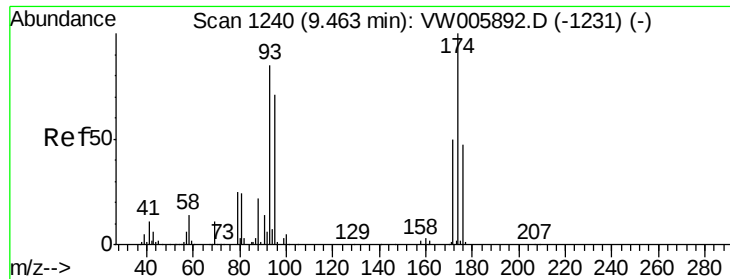
Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion:	41	Resp:	33511
Ion Ratio	Lower	Upper	
41	100		
69	86.3	68.7	103.1
39	63.5	50.0	75.0





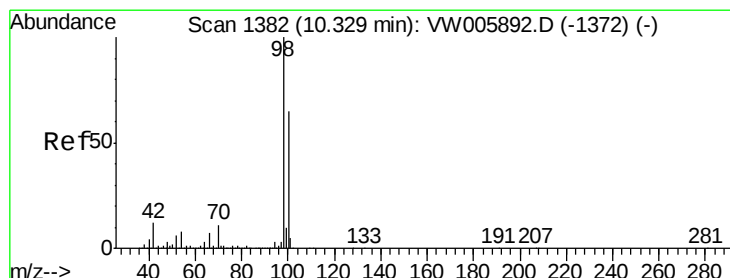
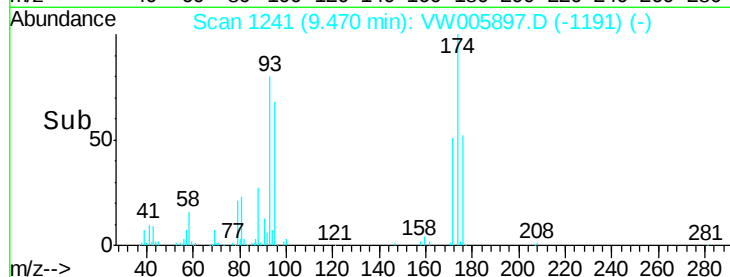
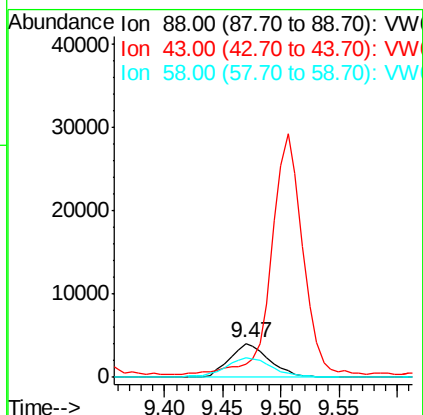
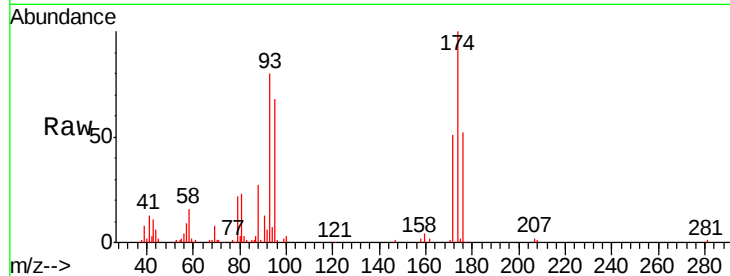
#49
1,4-Dioxane
Concen: 396.81 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.6	57.7	86.5

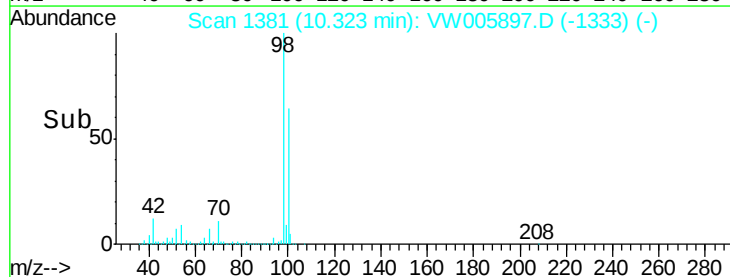
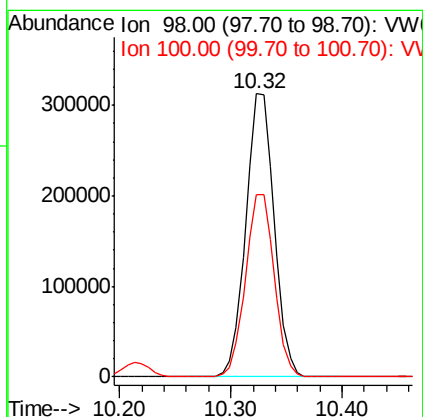
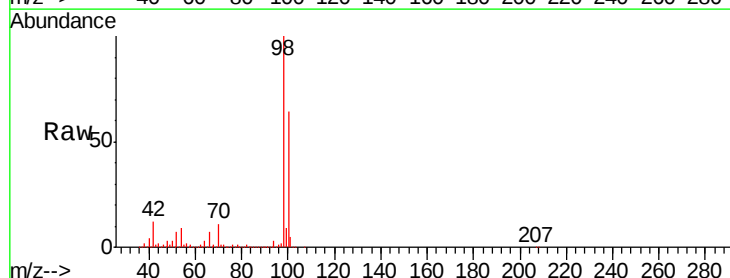
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#50
Toluene-d8
Concen: 50.69 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





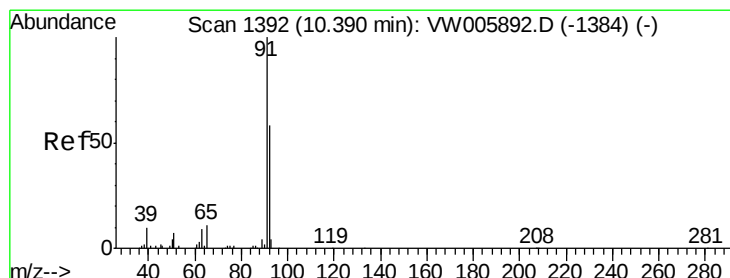
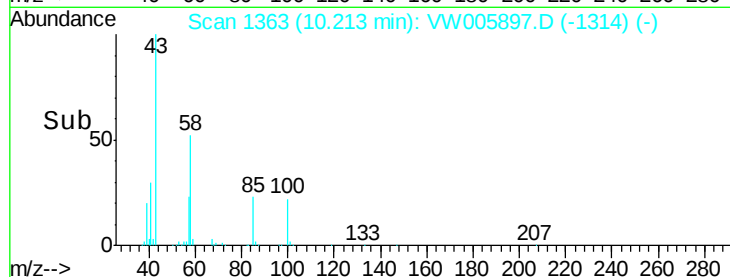
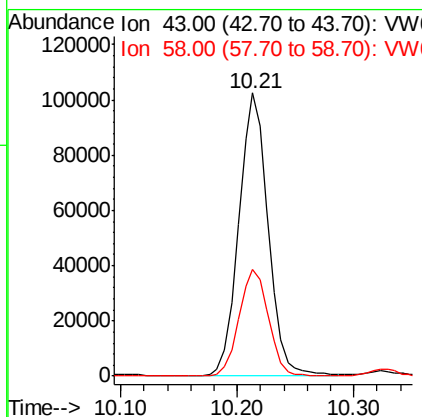
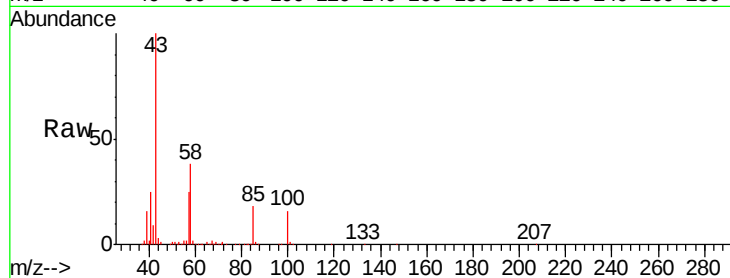
#51
 4-Methyl-2-Pentanone
 Concen: 96.38 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion: 43 Resp: 177611
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.2 45.4

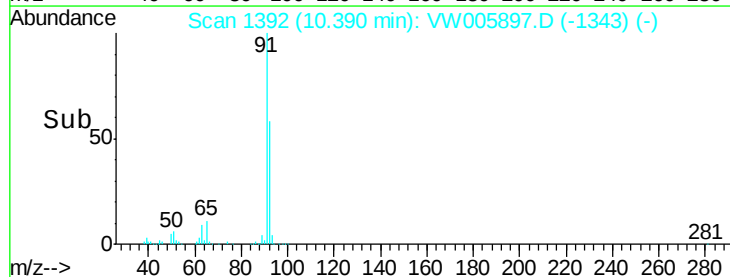
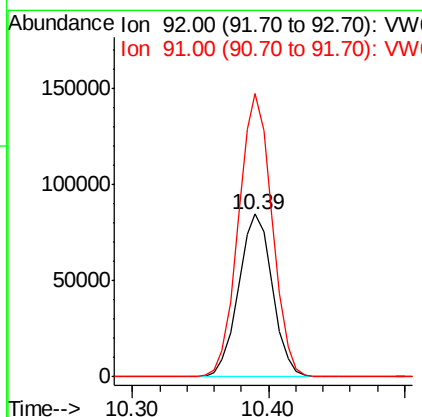
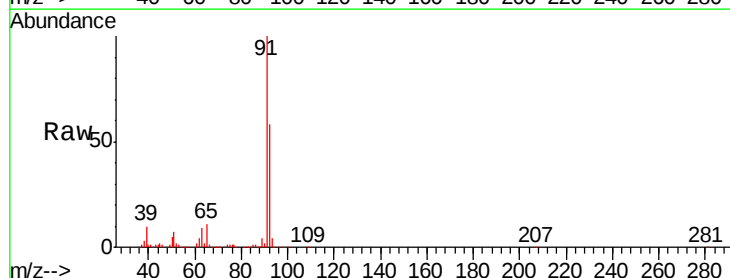
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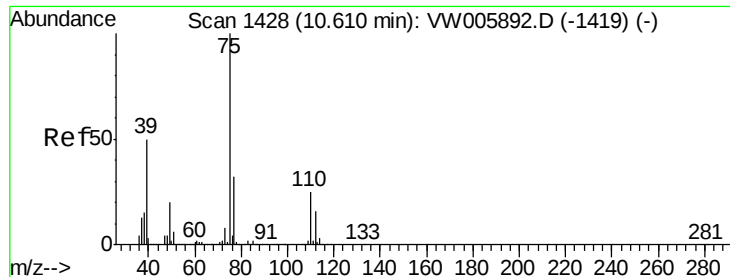
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#52
 Toluene
 Concen: 19.01 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 92 Resp: 146262
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.2 207.4





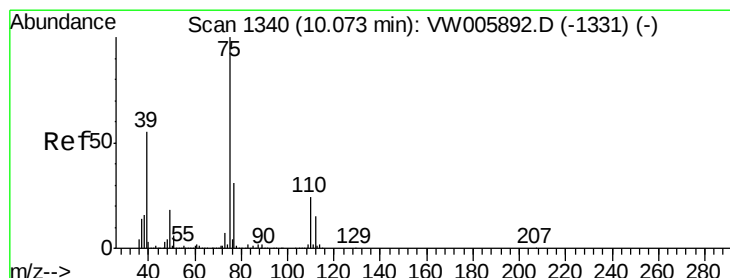
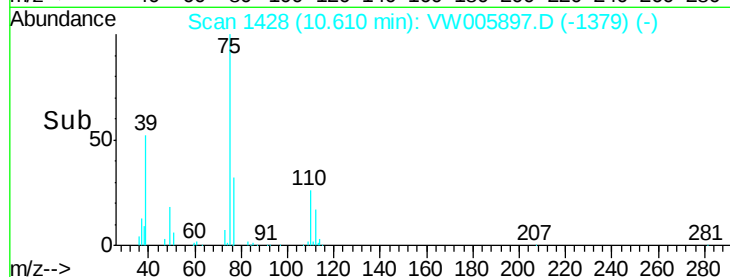
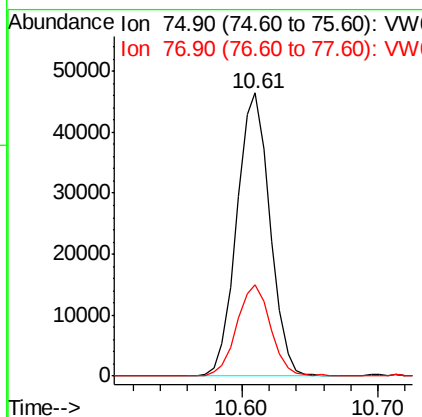
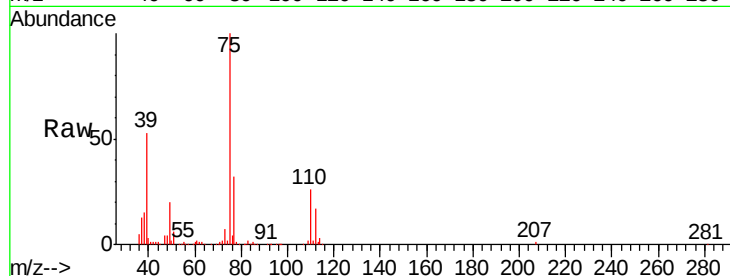
#53
t-1,3-Dichloropropene
Concen: 18.66 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion: 75 Resp: 79033
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

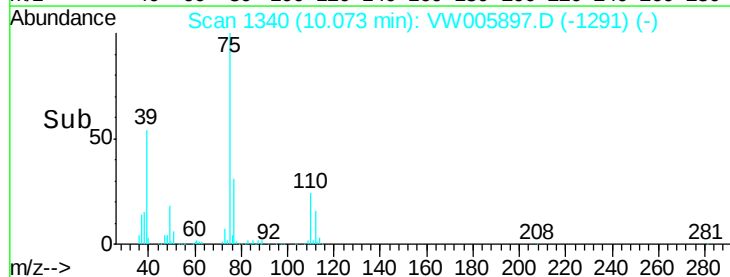
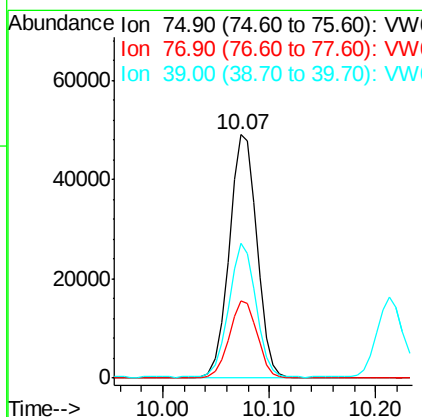
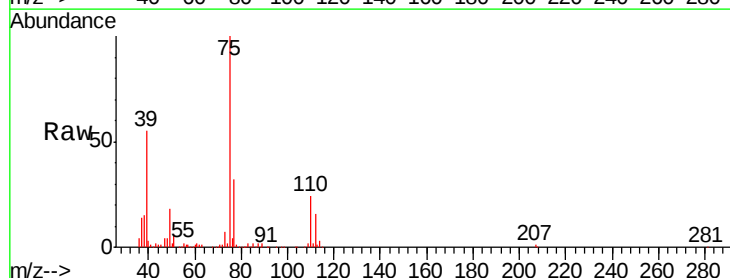
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#54
cis-1,3-Dichloropropene
Concen: 18.76 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 75 Resp: 89321
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 54.6 44.2 66.4





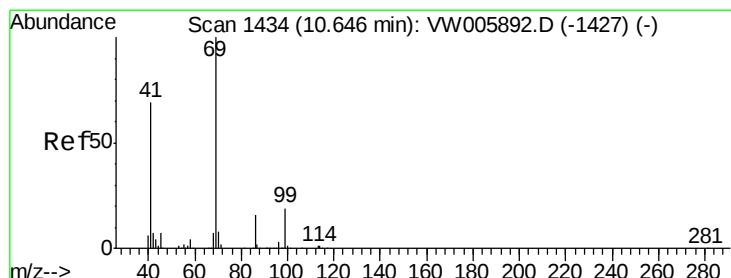
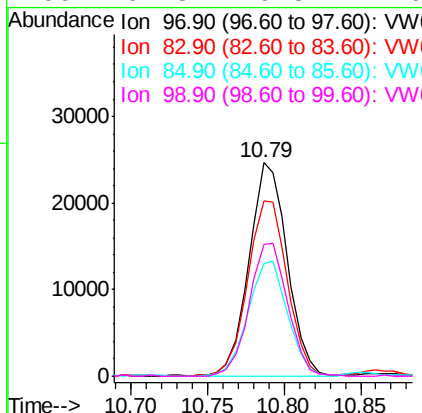
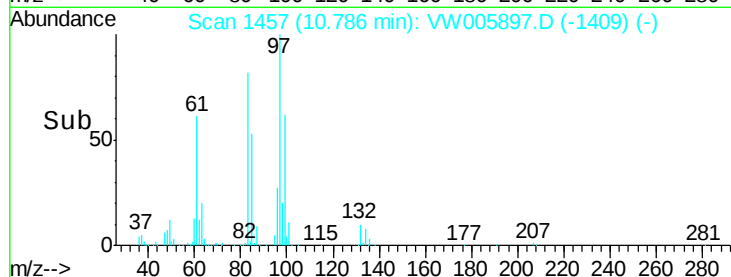
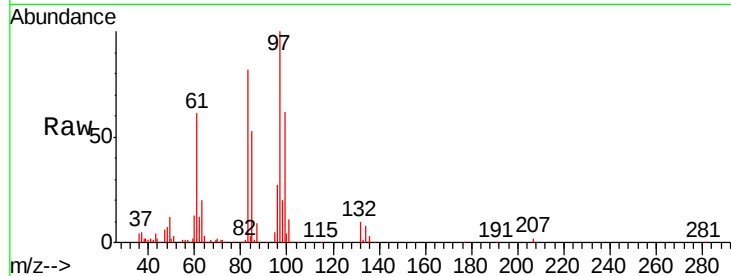
#55
 1,1,2-Trichloroethane
 Concen: 19.07 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.9	100.3
85	53.1	43.4	65.0
99	61.8	49.8	74.6

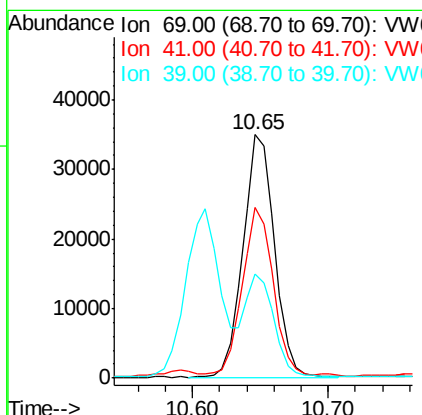
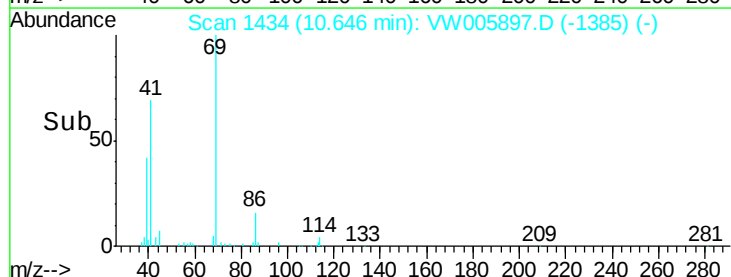
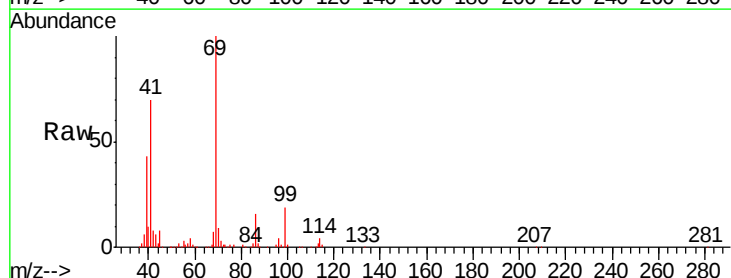
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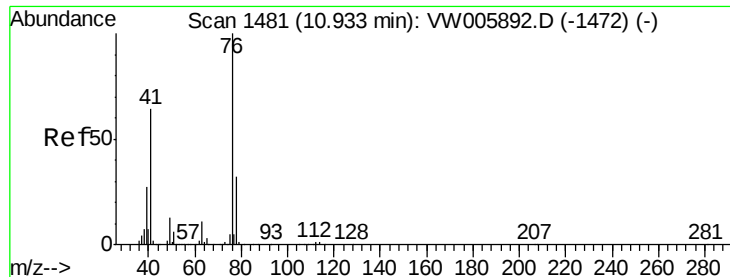
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#56
 Ethyl methacrylate
 Concen: 18.82 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.0	84.0
39	41.3	33.5	50.3





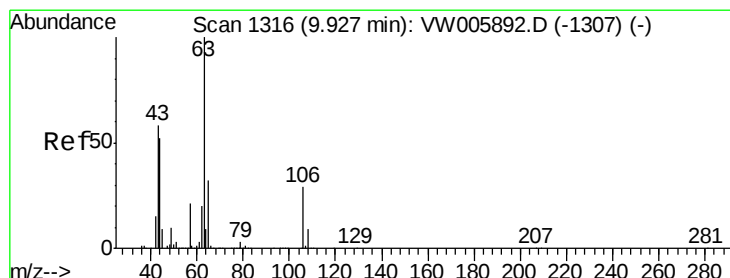
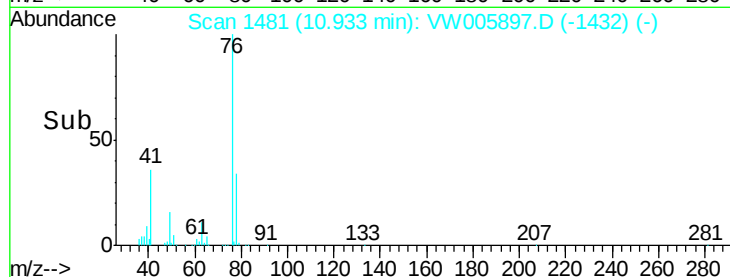
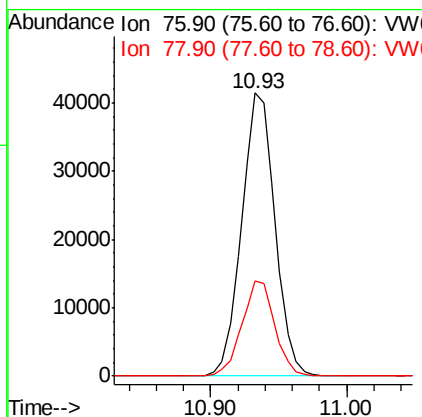
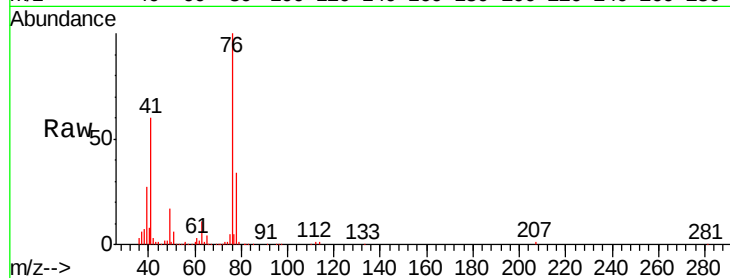
#57
 1,3-Dichloropropane
 Concen: 18.87 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion: 76 Resp: 70842
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.6

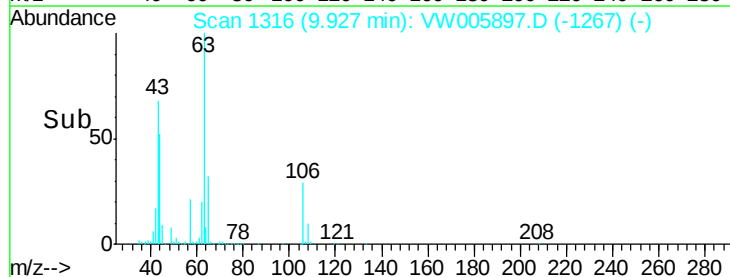
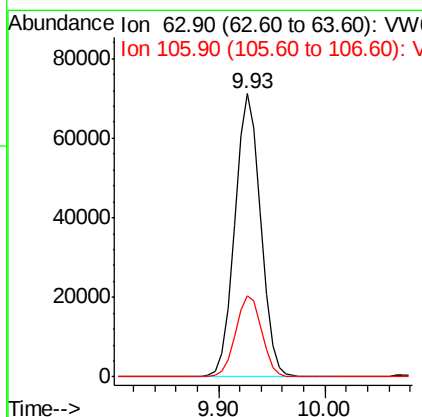
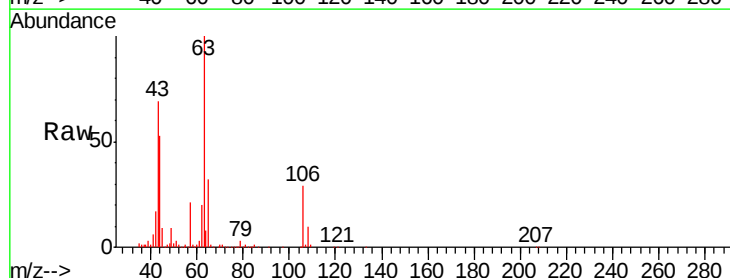
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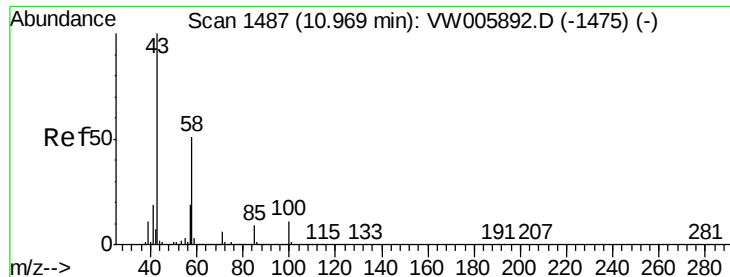
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.14 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 63 Resp: 121303
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.6 35.4





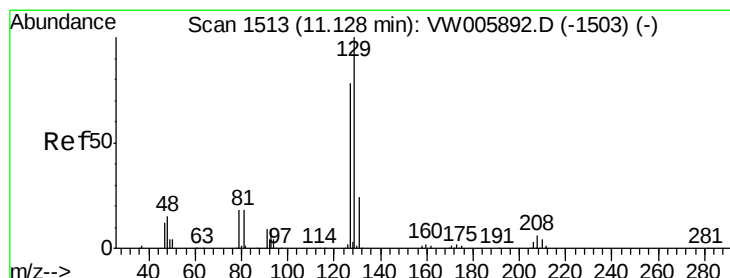
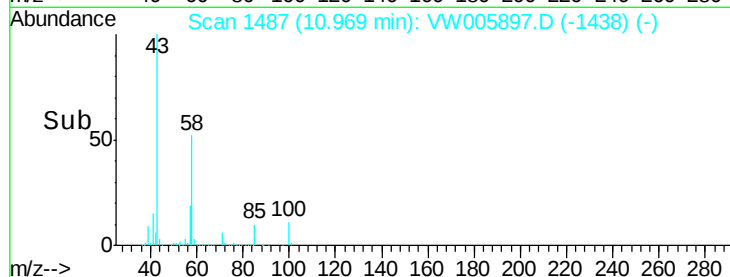
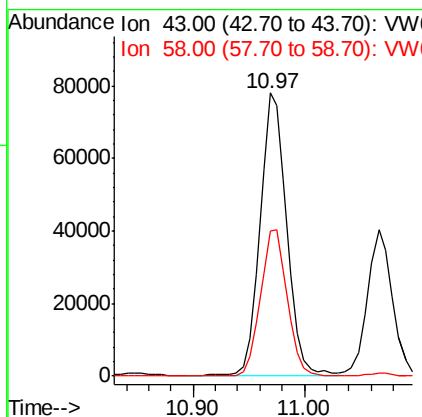
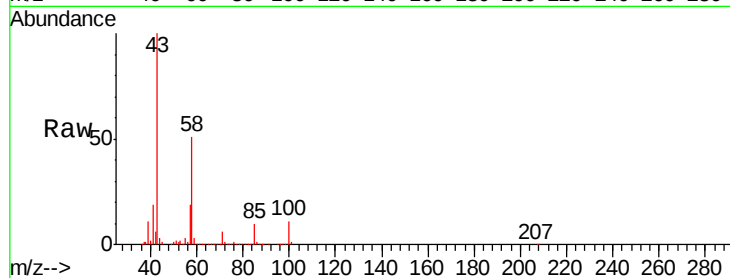
#59
2-Hexanone
Concen: 97.84 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion: 43 Resp: 129285
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1

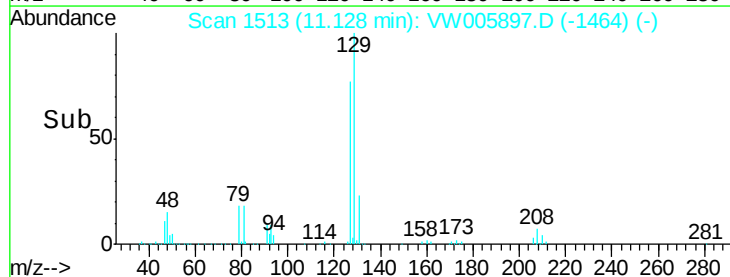
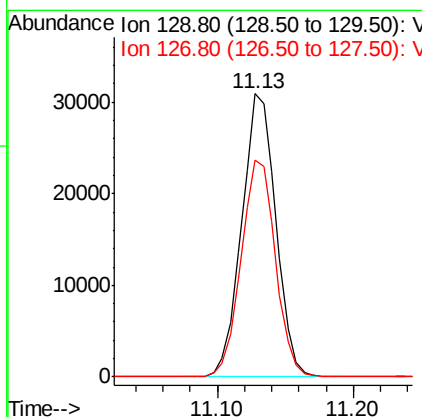
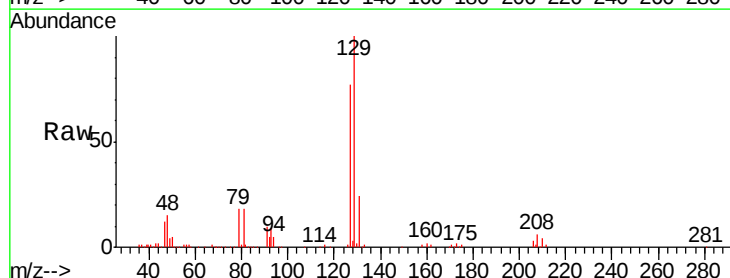
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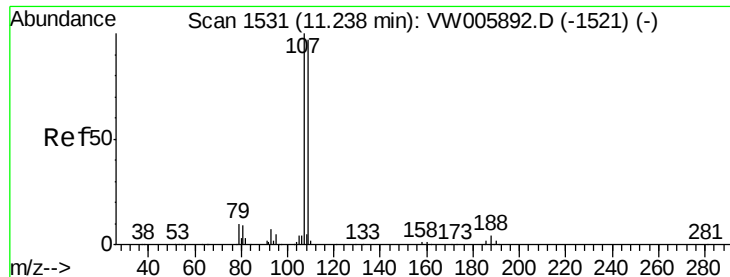
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#60
Dibromochloromethane
Concen: 18.87 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 129 Resp: 54321
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





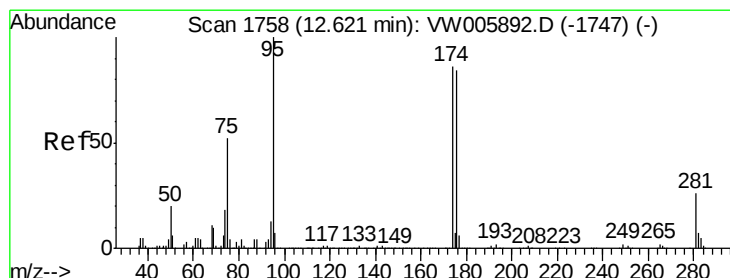
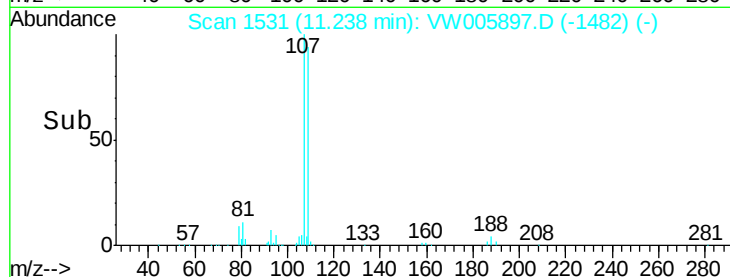
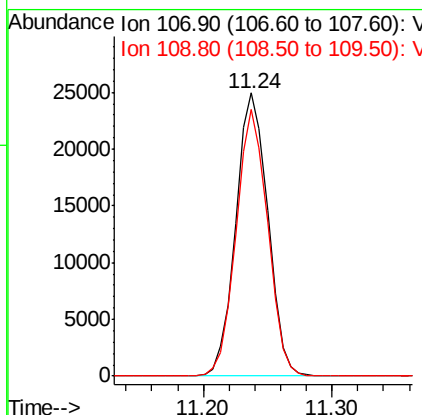
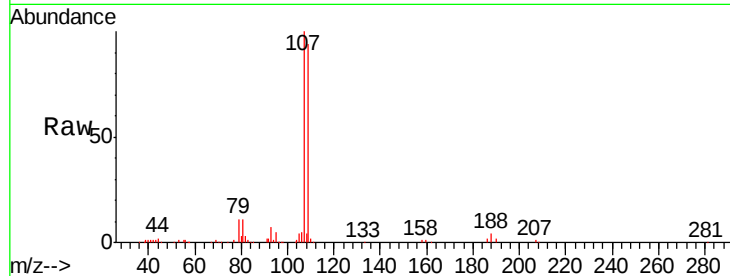
#61
 1,2-Dibromoethane
 Concen: 19.26 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion: 107 Resp: 42940
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.8 113.8

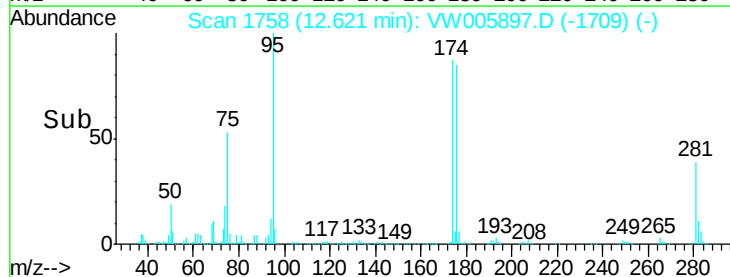
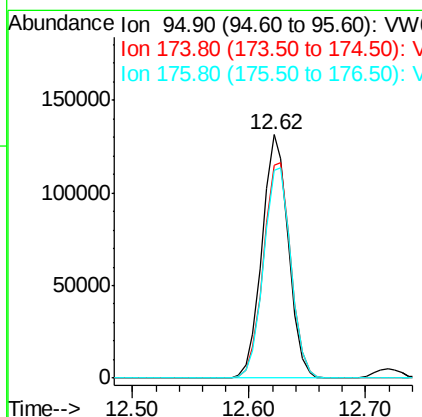
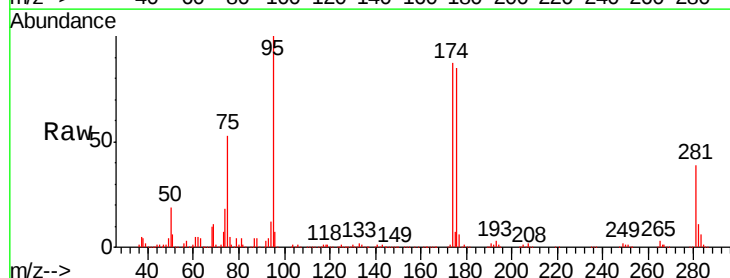
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 49.77 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 95 Resp: 207679
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 176.4
 176 89.4 0.0 173.0





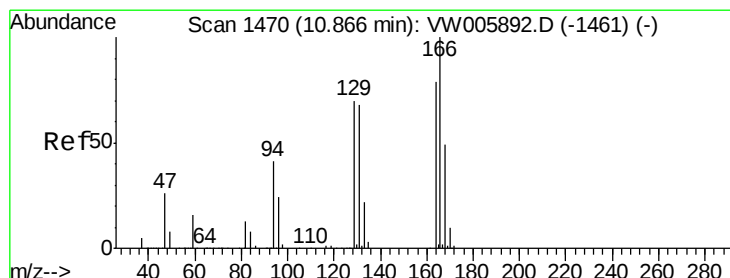
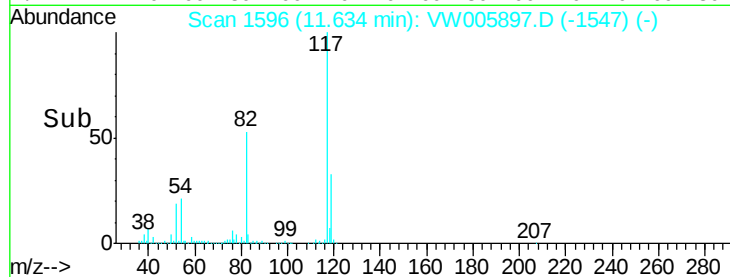
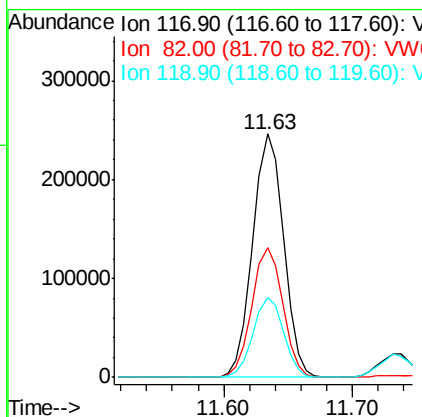
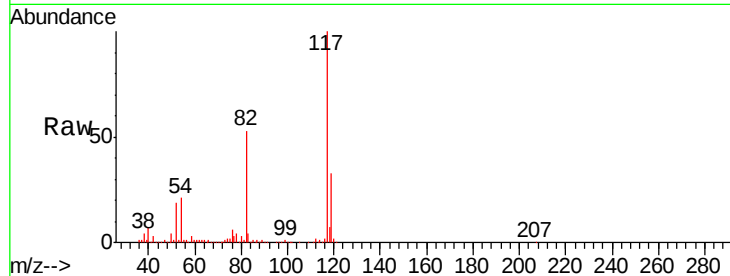
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	407794		
82	53.1		43.5	65.3
119	32.9		25.4	38.2

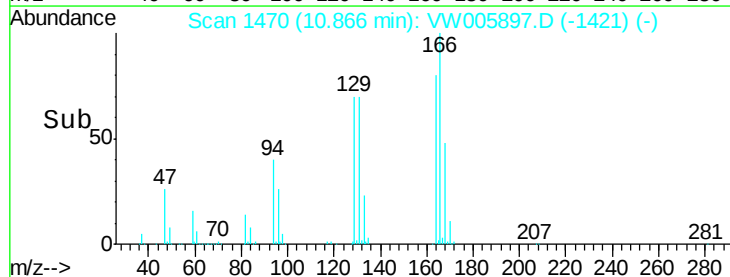
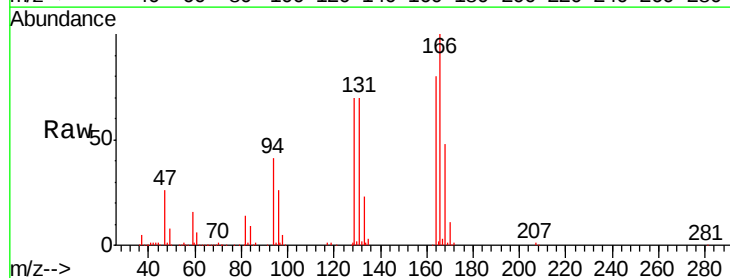
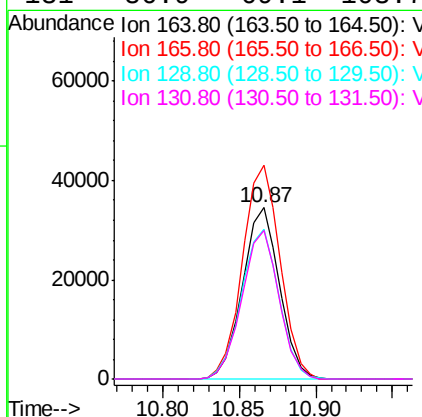
Manual Integrations
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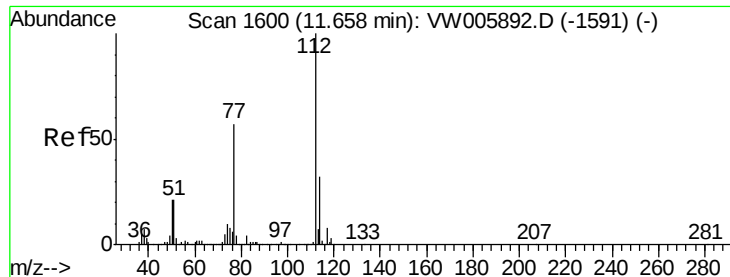
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#64
Tetrachloroethene
Concen: 19.08 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57945		
166	124.6		101.5	152.3
129	87.7		71.1	106.7
131	86.9		69.1	103.7





#65

Chlorobenzene

Concen: 19.35 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion:112 Resp: 168992

Ion Ratio Lower Upper

112 100

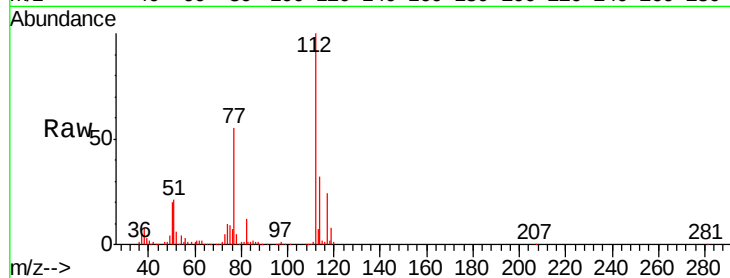
114 31.7 25.6 38.4

Manual Integrations

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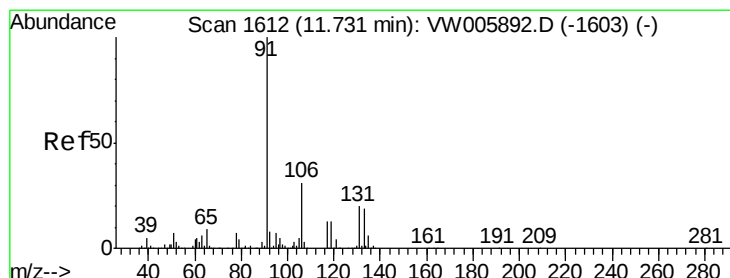
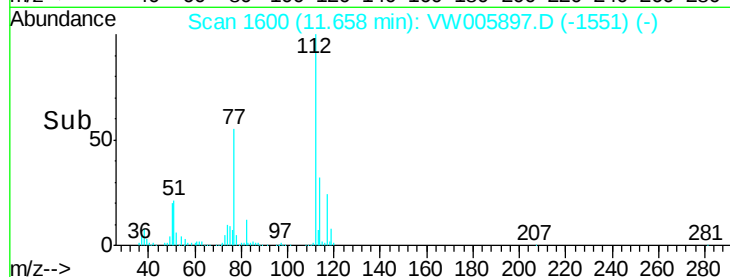
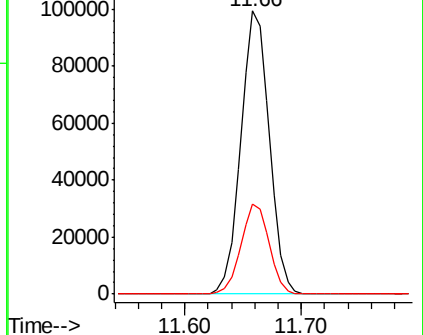
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.31 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

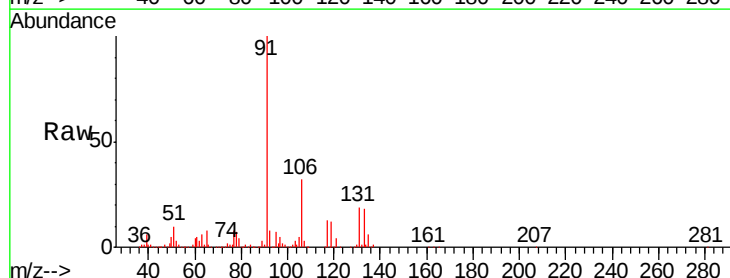
Tgt Ion:131 Resp: 61837

Ion Ratio Lower Upper

131 100

133 96.9 48.2 144.6

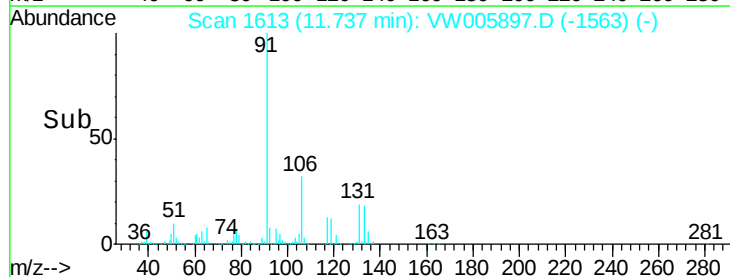
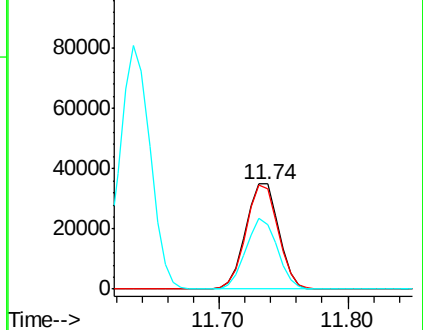
119 64.0 32.5 97.5

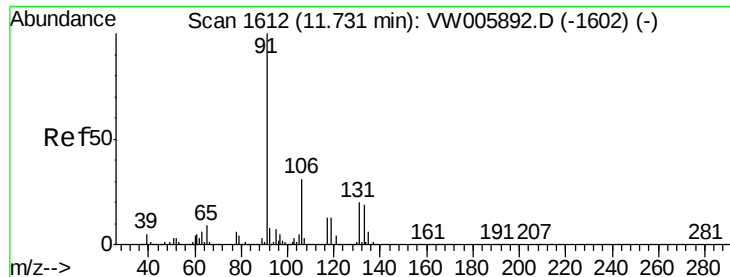


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





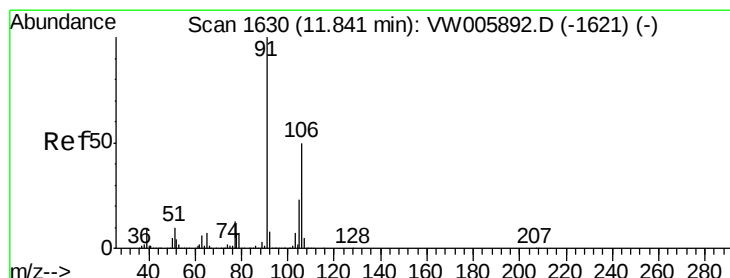
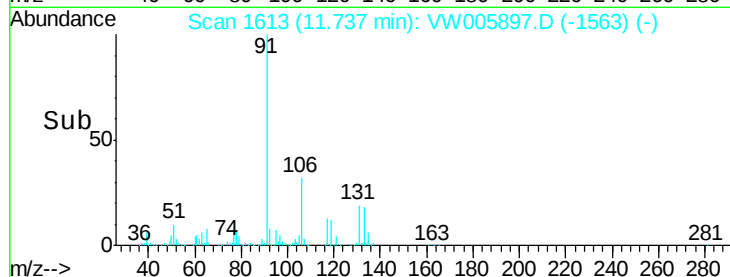
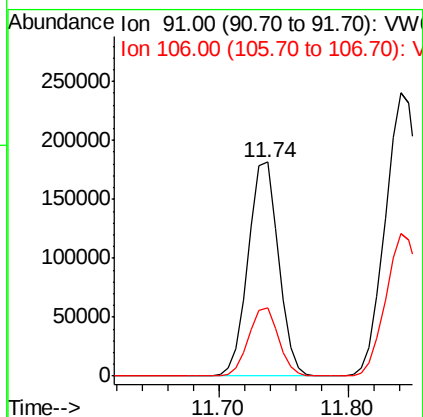
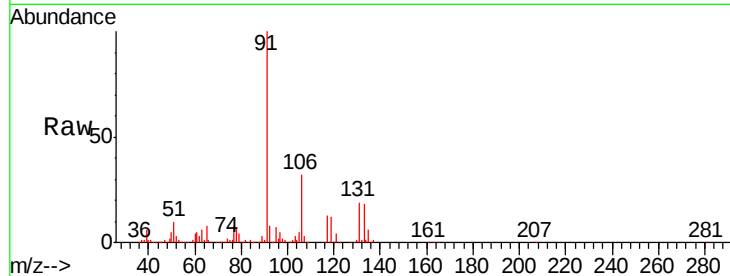
#67
Ethyl Benzene
Concen: 19.16 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

Tgt Ion: 91 Resp: 295574
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

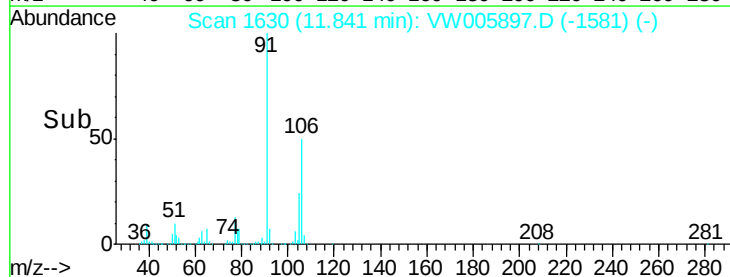
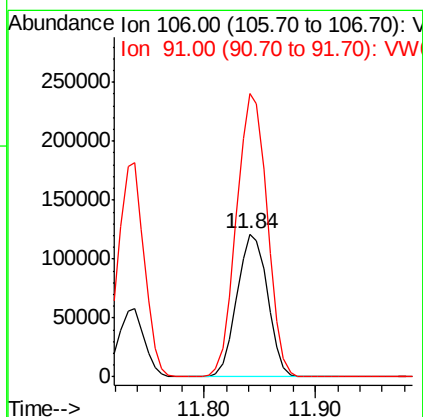
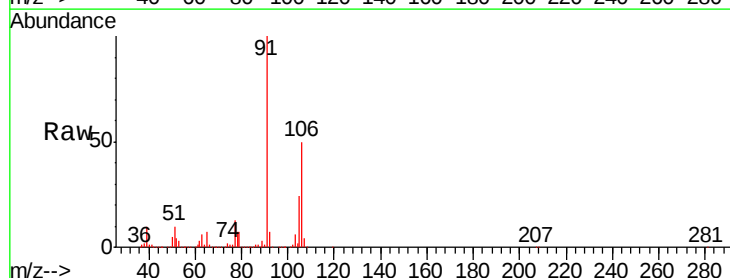
Manual Integrations
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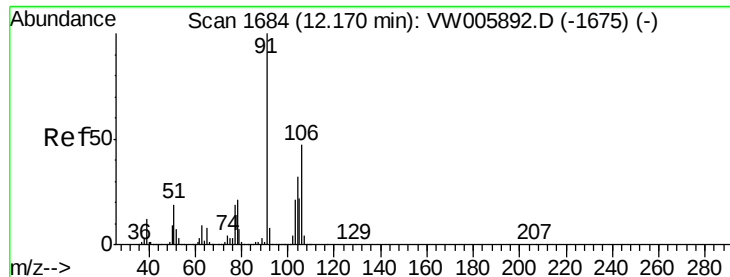
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#68
m/p-Xylenes
Concen: 38.29 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 106 Resp: 230863
Ion Ratio Lower Upper
106 100
91 198.9 160.2 240.2





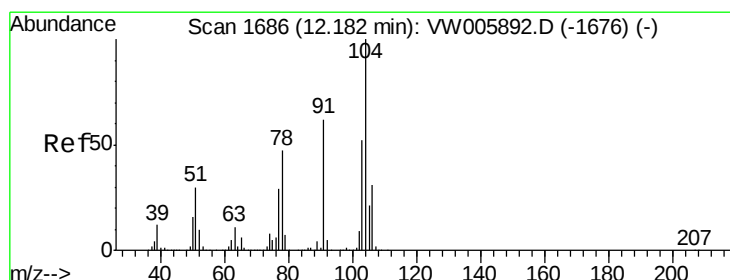
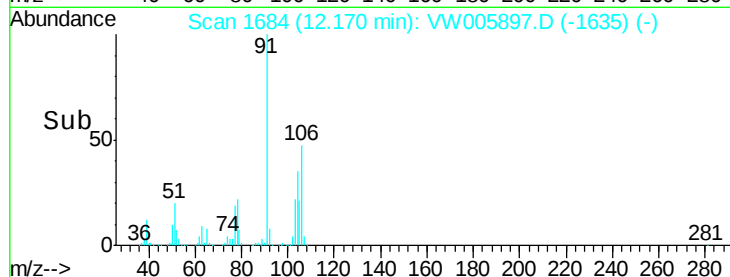
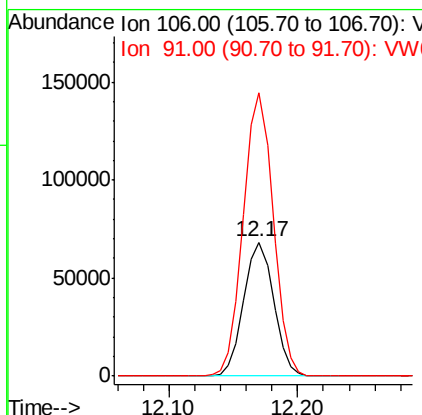
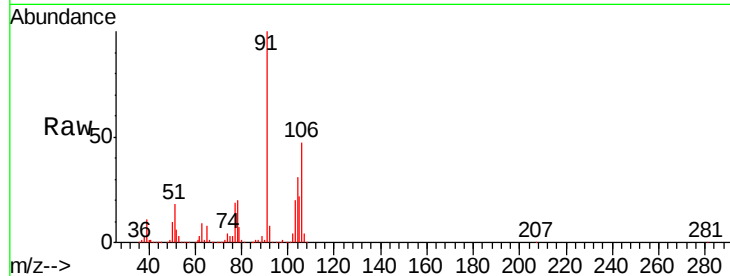
#69
o-Xylene
Concen: 19.07 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion:106 Resp: 110107
Ion Ratio Lower Upper
106 100
91 210.9 106.2 318.5

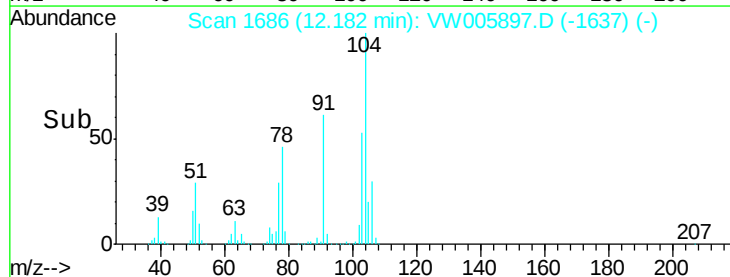
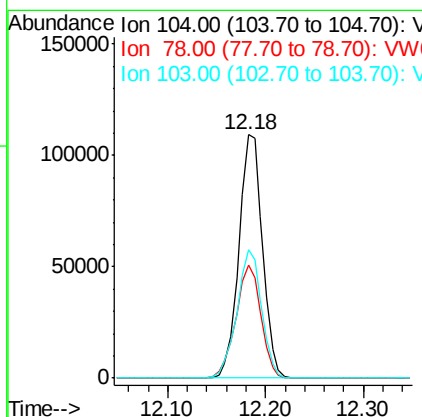
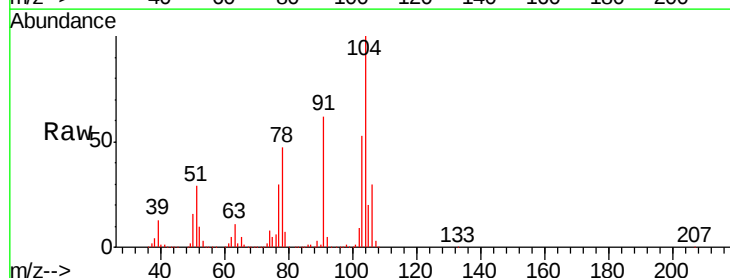
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#70
Styrene
Concen: 19.07 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion:104 Resp: 182663
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 19.05 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

Tgt Ion:173 Resp: 36333

Ion Ratio Lower Upper

173 100

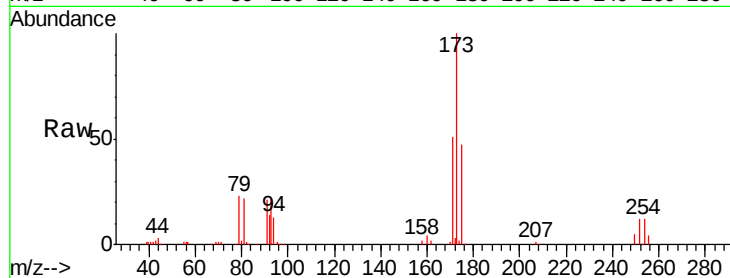
175 48.1 24.7 74.1

254 0.0 0.2 0.2#

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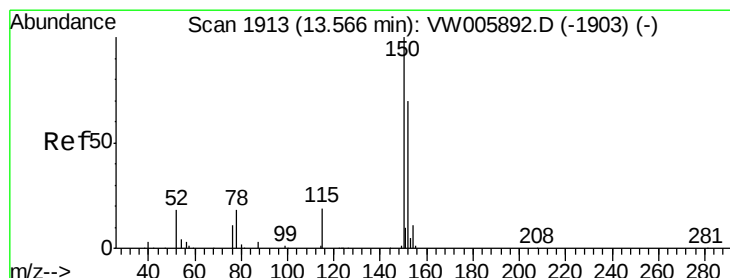
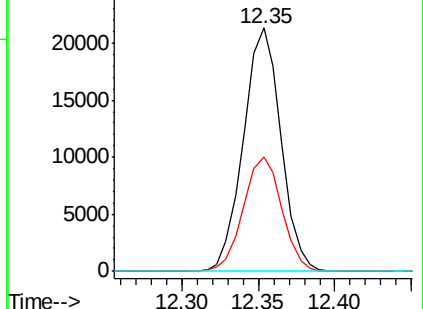
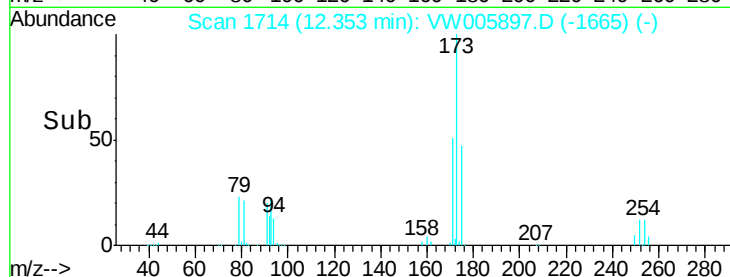
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

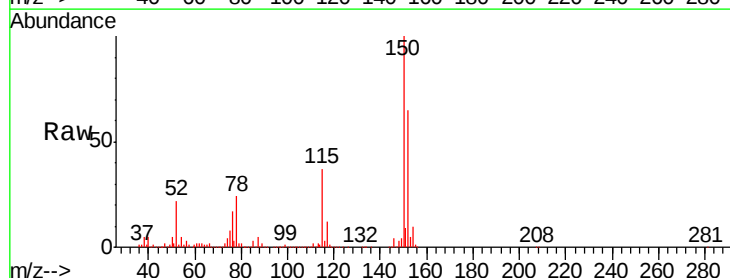
Tgt Ion:152 Resp: 225108

Ion Ratio Lower Upper

152 100

115 55.7 28.3 85.0

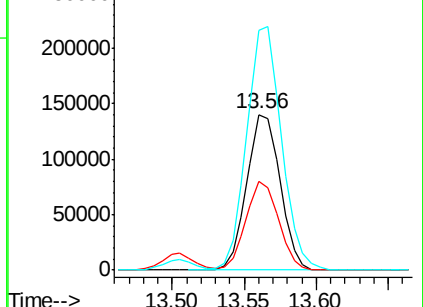
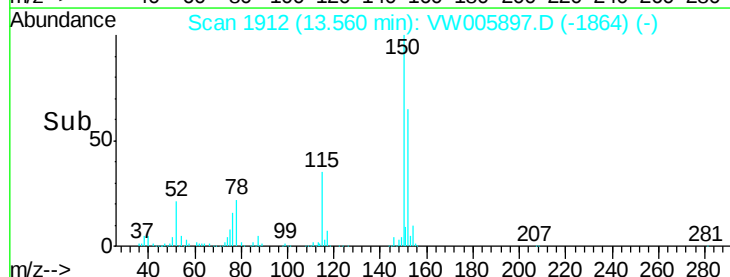
150 162.4 0.0 349.2

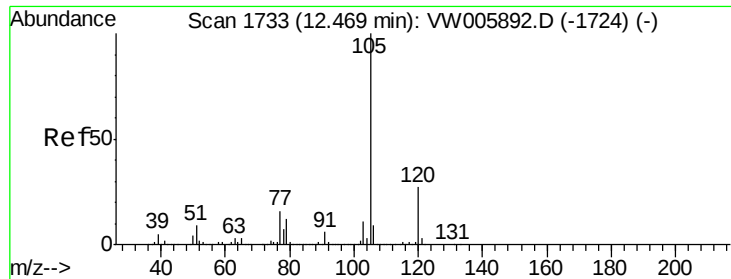


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.84 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

Tgt Ion: 105 Resp: 309788

Ion Ratio Lower Upper

105 100

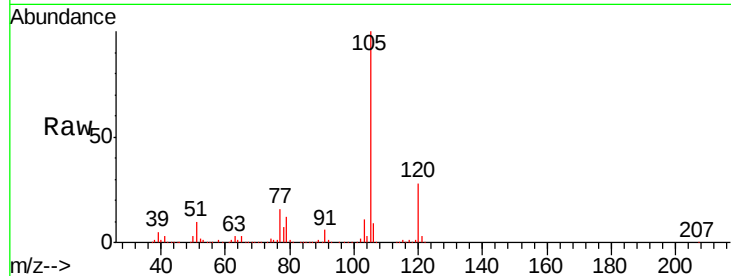
120 27.4 13.6 40.8

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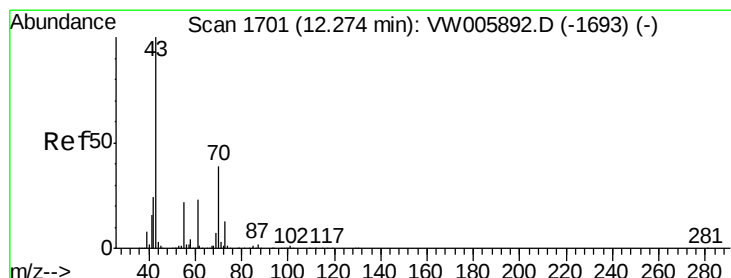
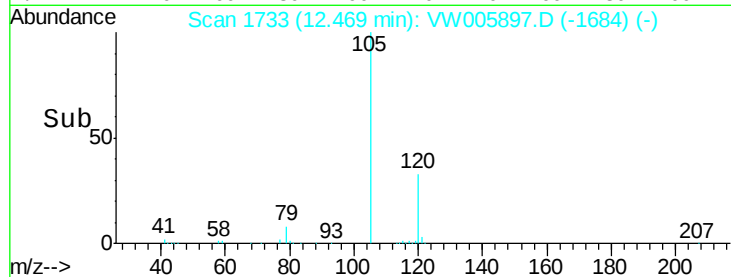
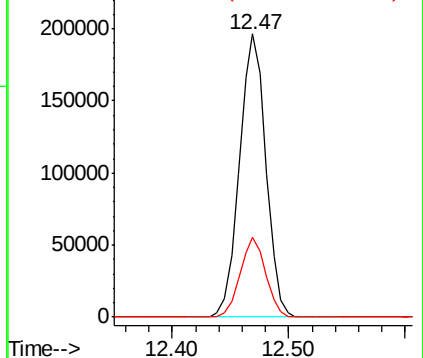
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.51 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion: 43 Resp: 72289

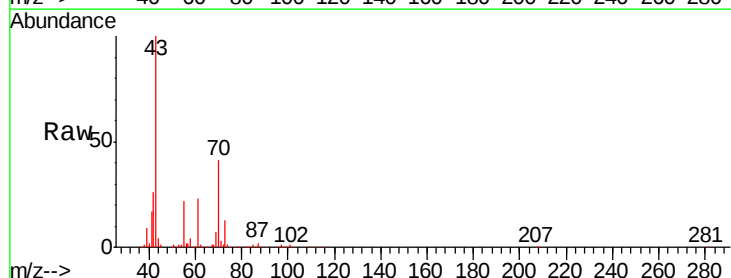
Ion Ratio Lower Upper

43 100

70 40.7 31.6 47.4

55 21.5 17.9 26.9

61 23.1 18.6 28.0

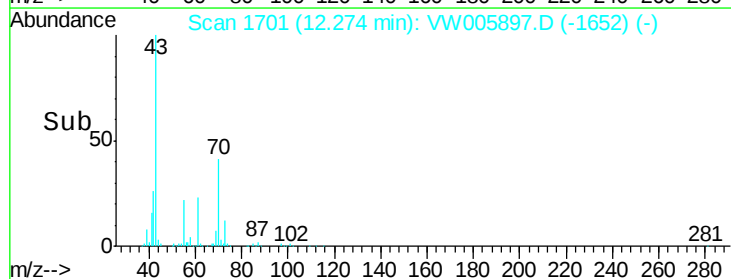
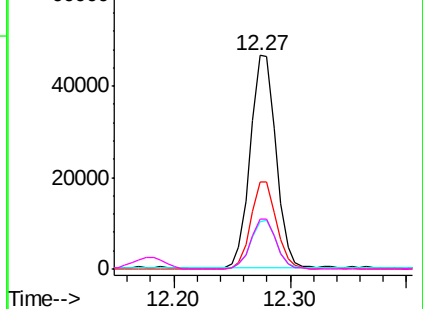


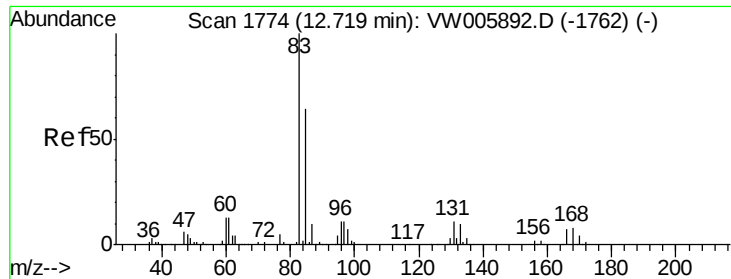
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.85 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

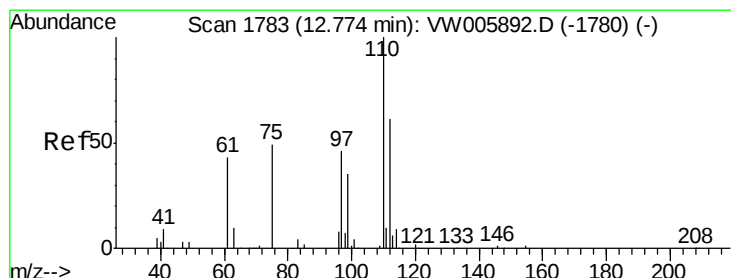
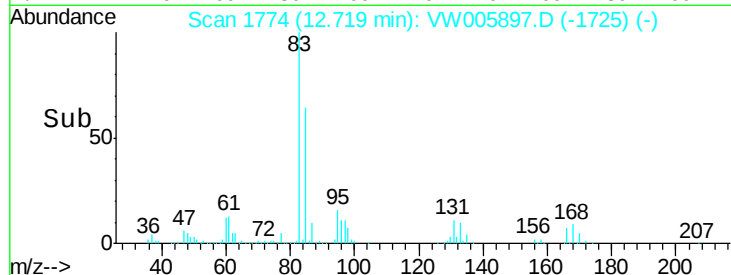
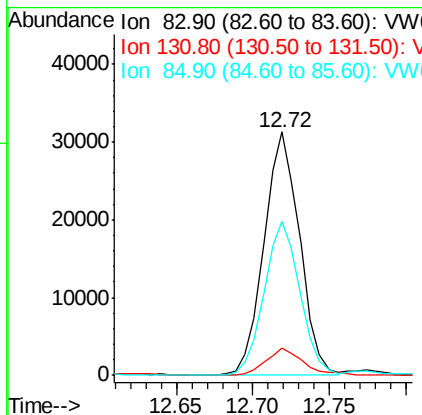
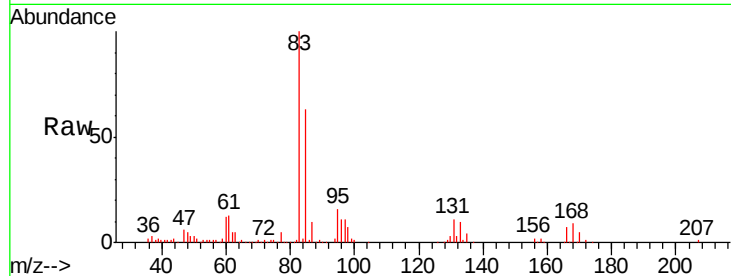
ClientSampleId :

VW1008SBSD01

Tgt Ion:	83	Resp:	50787
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.3
85	63.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.87 ug/l m

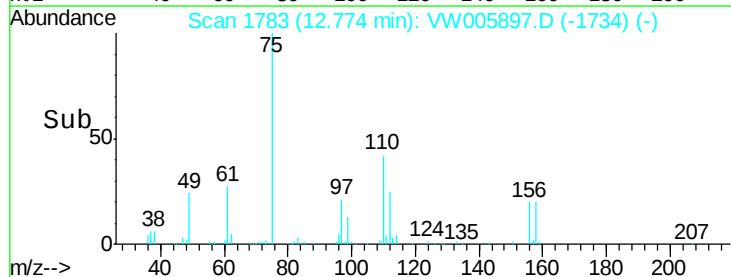
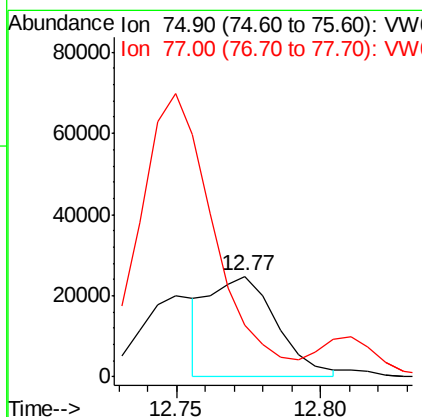
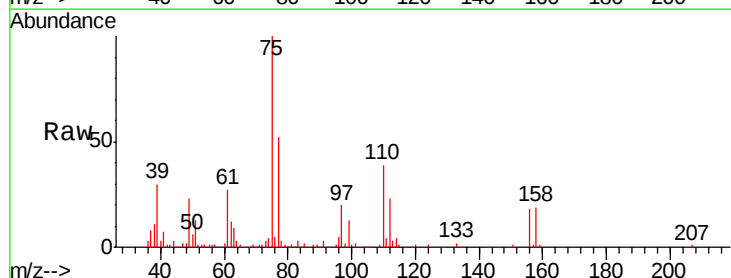
RT: 12.77 min Scan# 1783

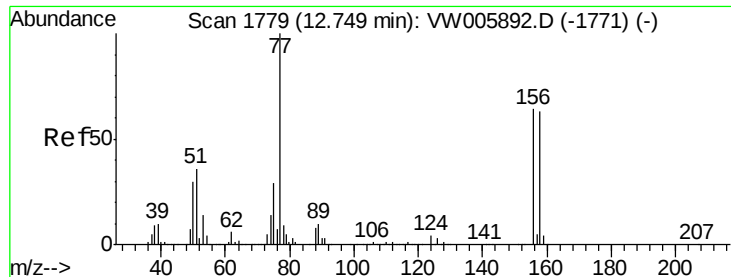
Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion:	75	Resp:	39954
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.27 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

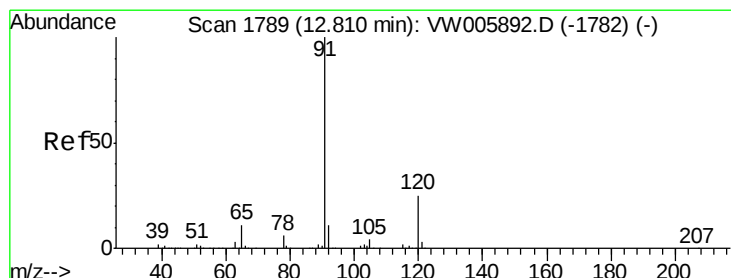
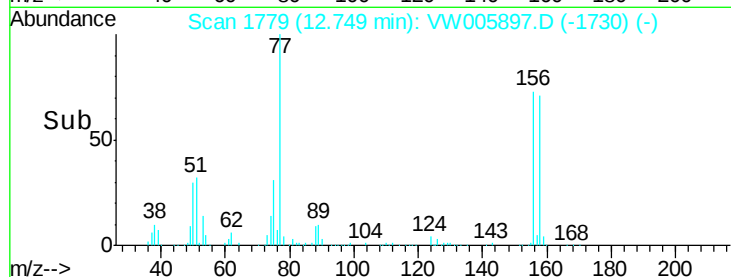
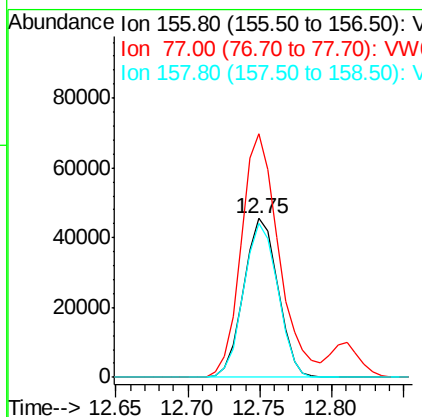
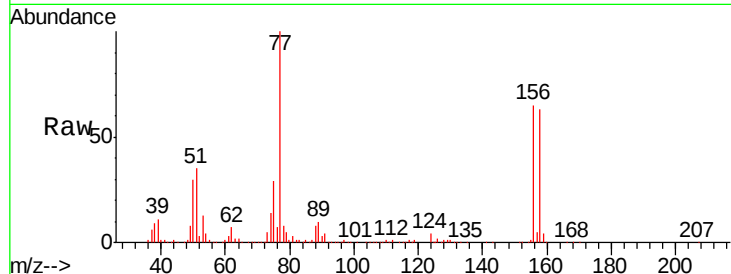
ClientSampleId :

VW1008SBS01

Tgt Ion:	156	Resp:	75048
Ion Ratio	Lower	Upper	
156	100		
77	168.8	85.8	257.4
158	96.6	49.1	147.4

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#78

n-propylbenzene

Concen: 18.86 ug/l

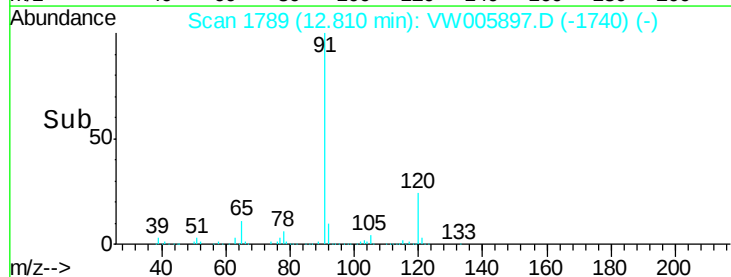
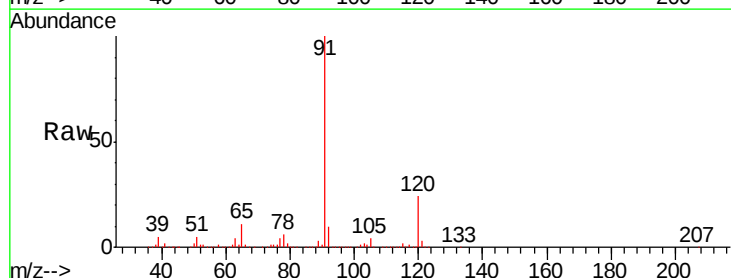
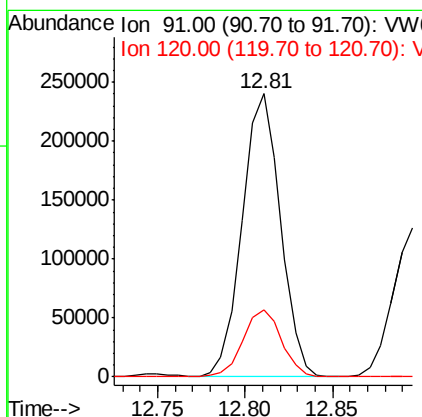
RT: 12.81 min Scan# 1789

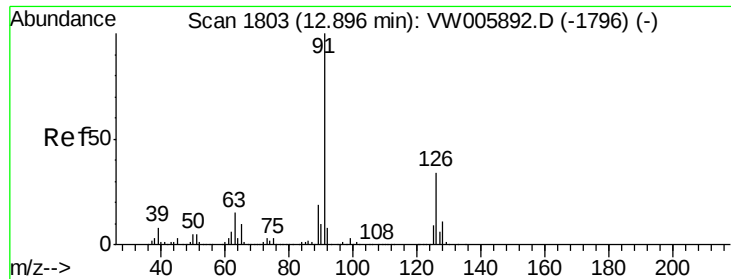
Delta R.T. -0.00 min

Lab File: VW005897.D

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Tgt Ion:	91	Resp:	364711
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0





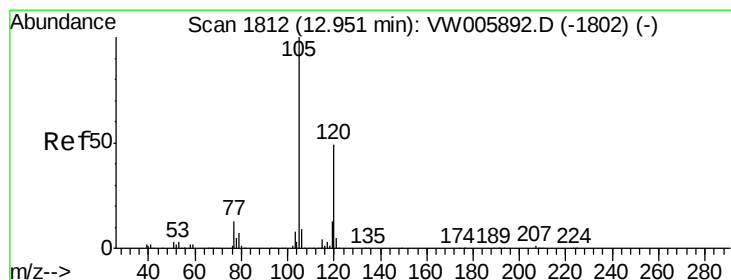
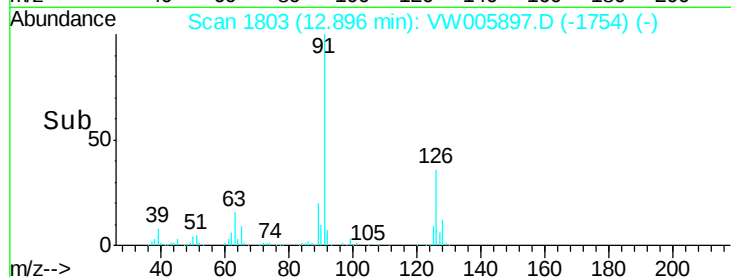
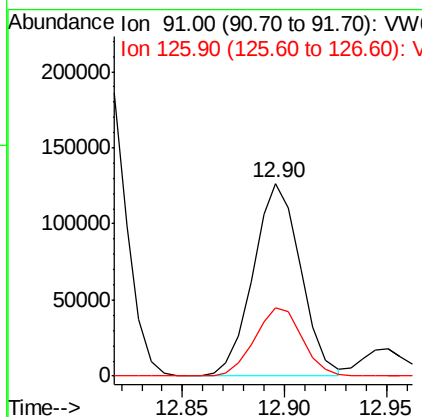
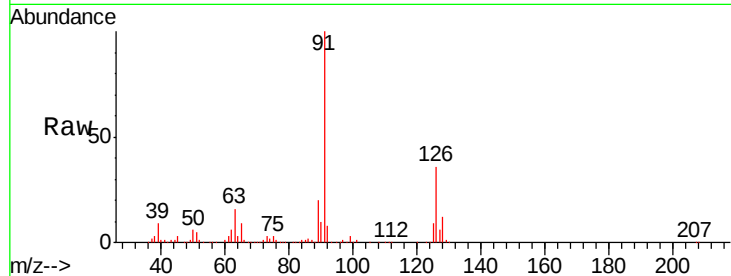
#79
 2-Chlorotoluene
 Concen: 18.69 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion: 91 Resp: 204074
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.5 52.5

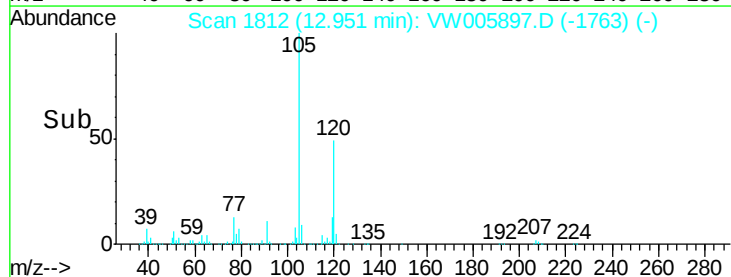
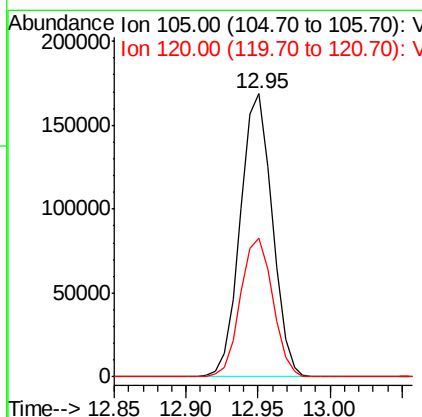
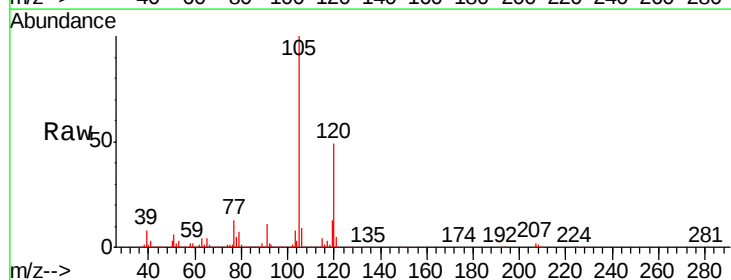
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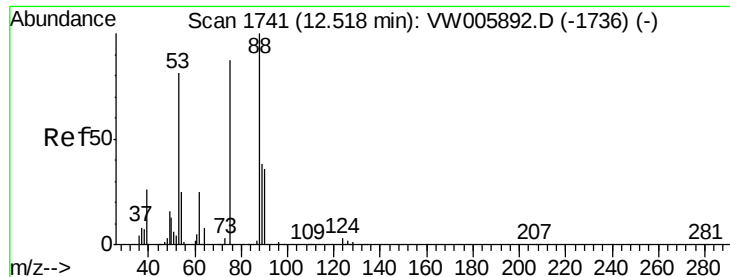
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.71 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 105 Resp: 259683
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 73.8





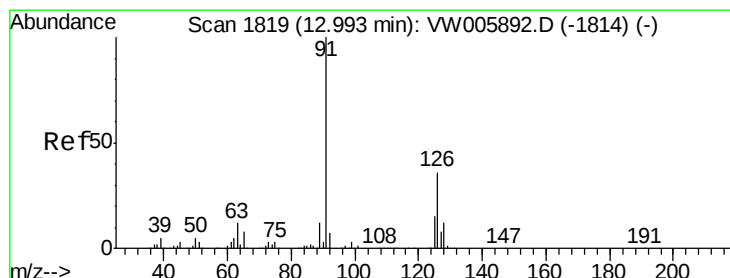
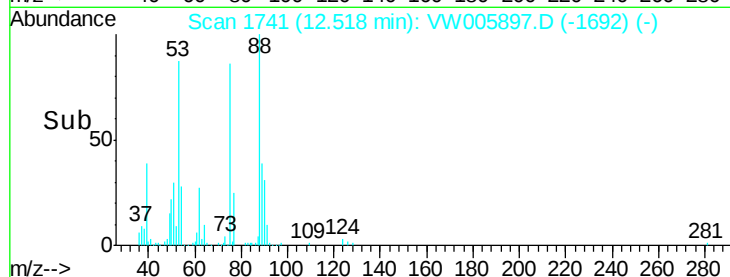
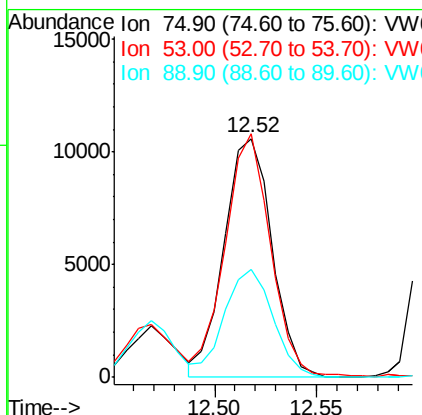
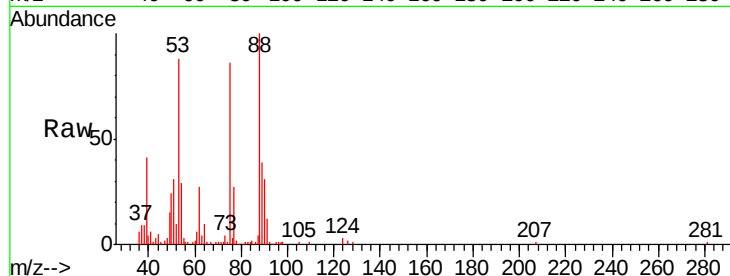
#81
trans-1,4-Dichloro-2-butene
Concen: 18.10 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.1	76.5	114.7
89	46.4	37.6	56.4

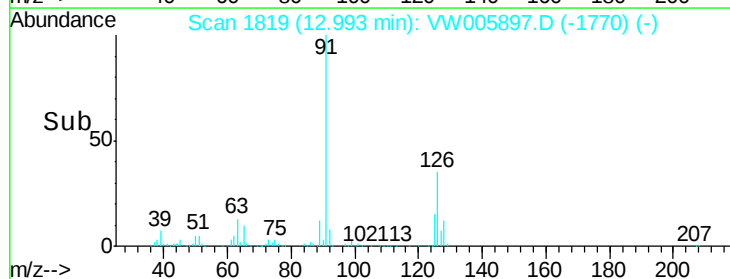
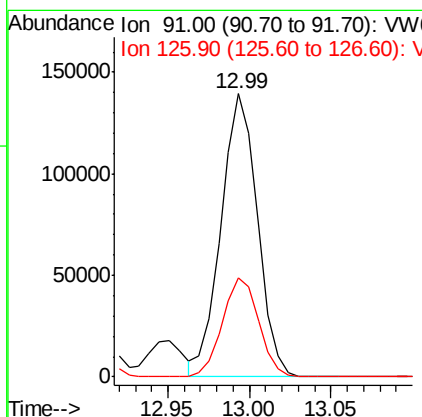
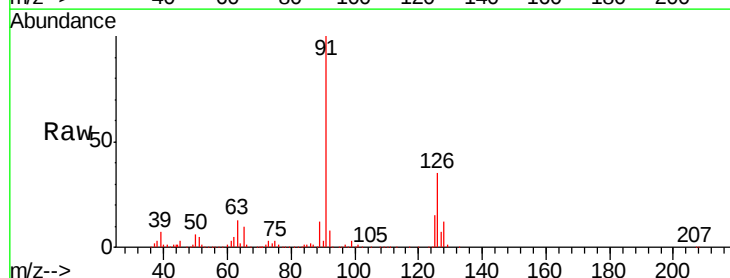
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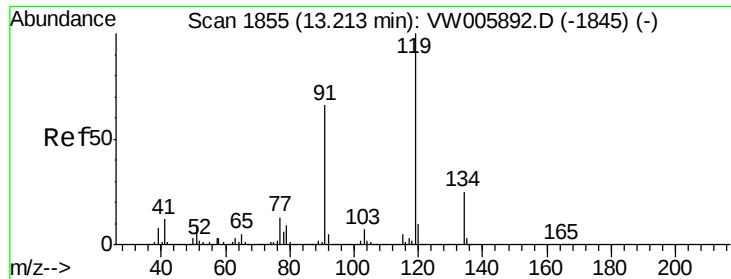
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#82
4-Chlorotoluene
Concen: 18.79 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.4	52.2





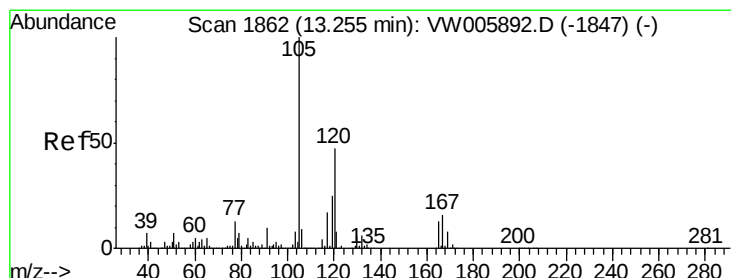
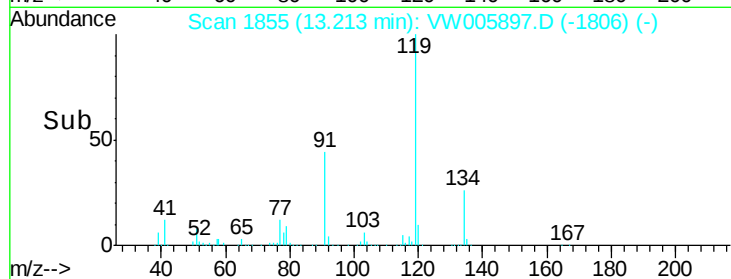
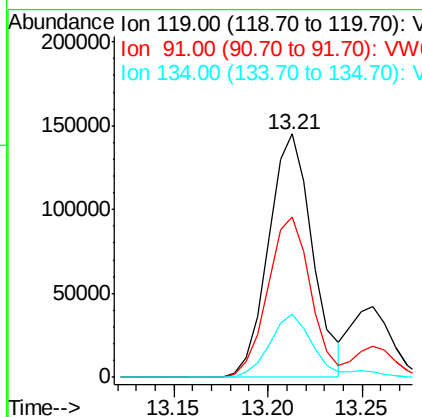
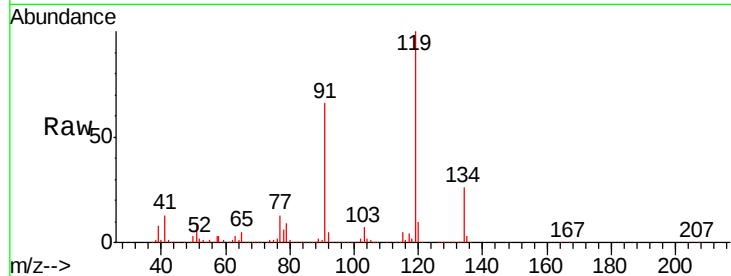
#83
 tert-Butylbenzene
 Concen: 18.98 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.4	97.0
134	26.9	13.2	39.6

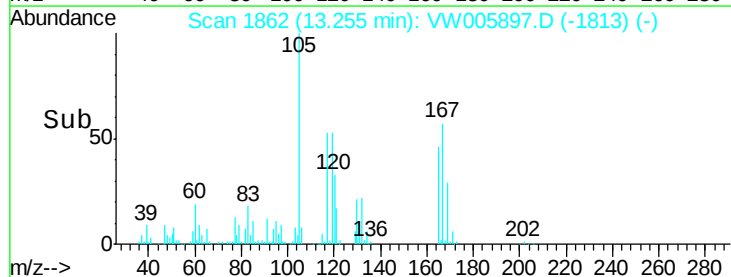
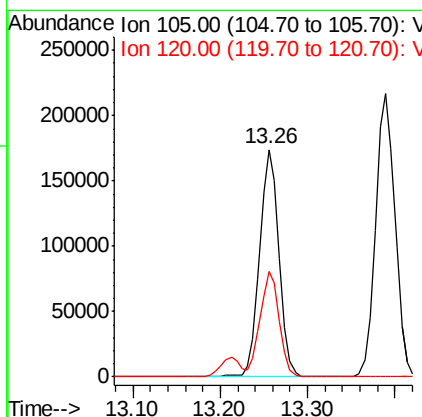
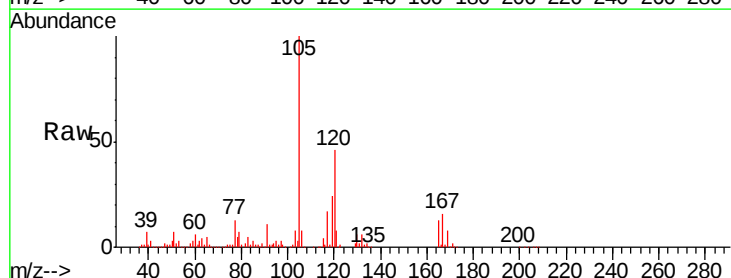
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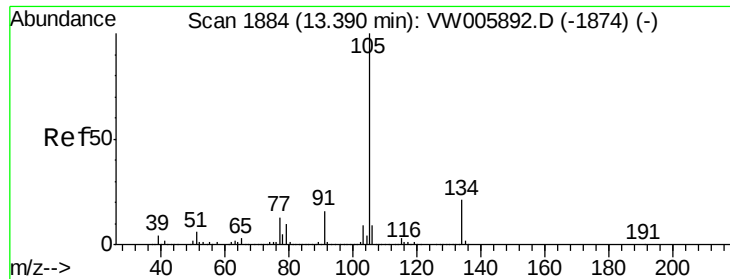
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.06 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.3





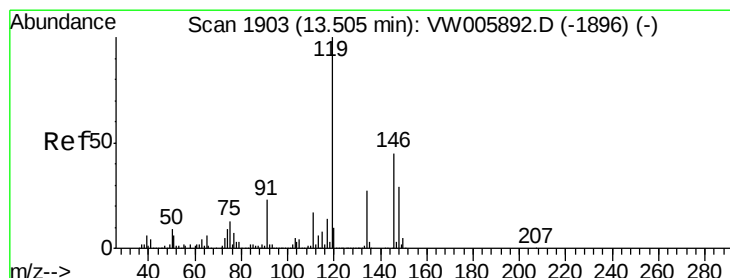
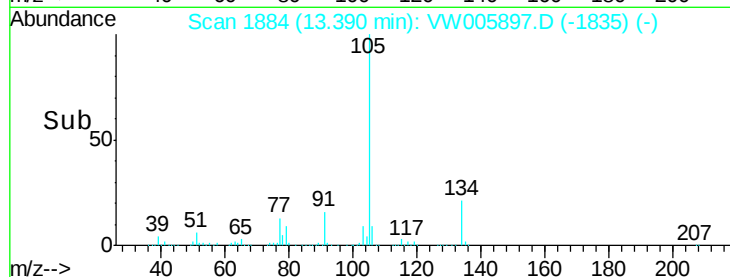
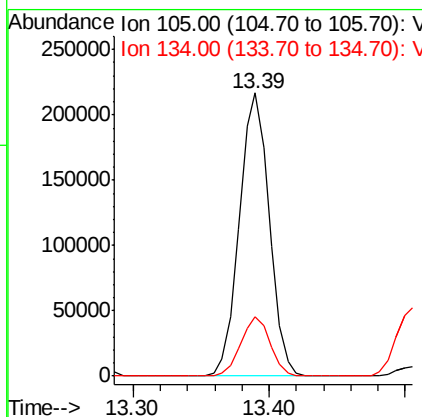
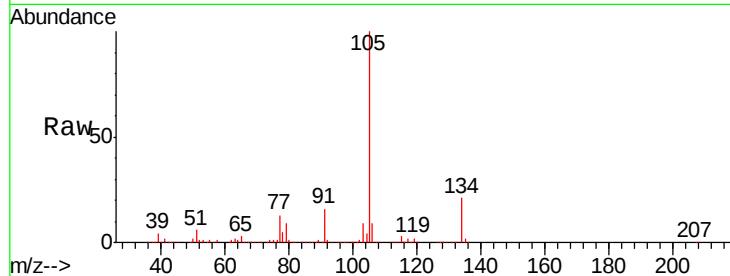
#85
 sec-Butylbenzene
 Concen: 19.18 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.4	31.4

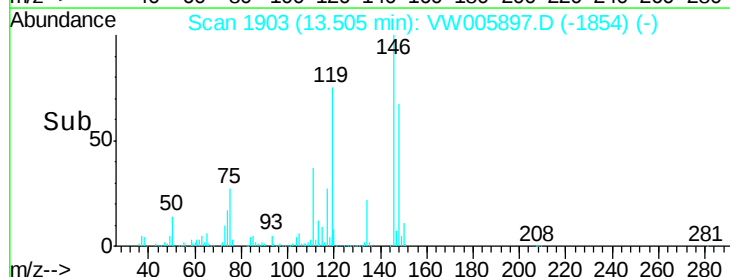
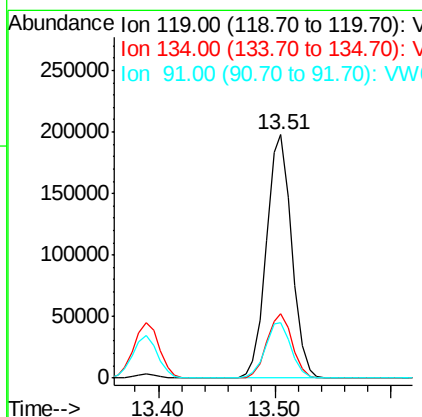
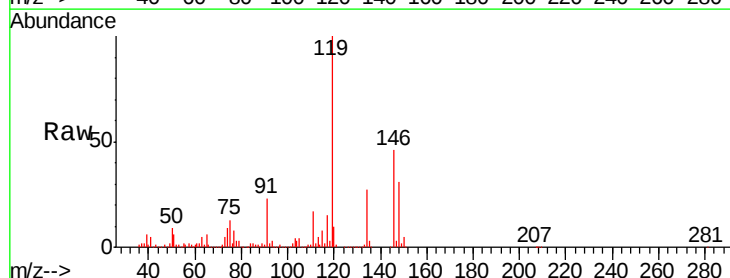
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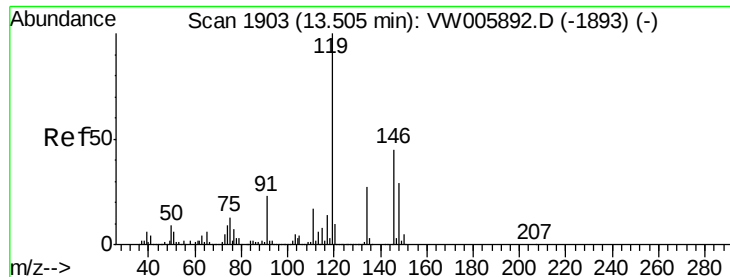
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#86
 p-Isopropyltoluene
 Concen: 19.10 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.5
91	23.2	11.9	35.5





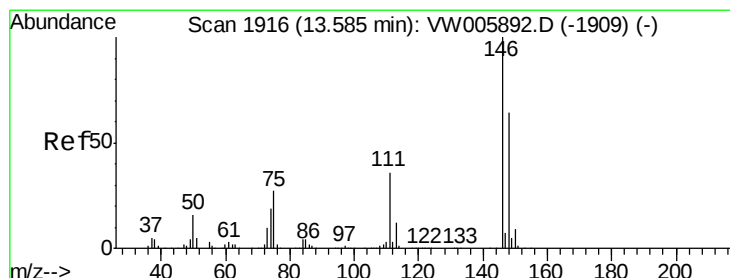
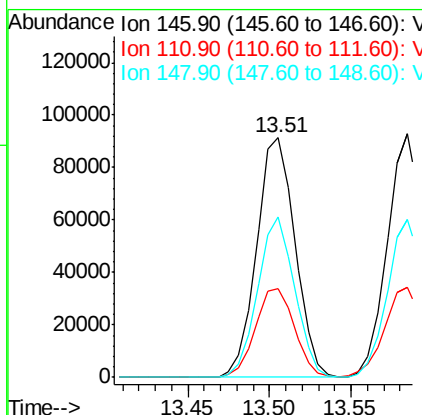
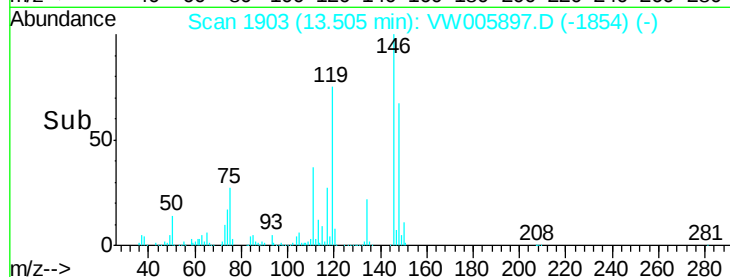
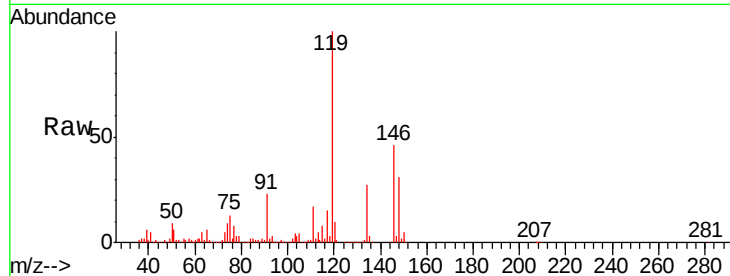
#87
 1,3-Dichlorobenzene
 Concen: 19.26 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.5	58.5
148	64.5	32.1	96.5

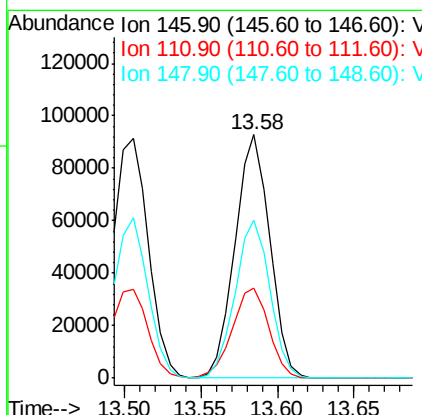
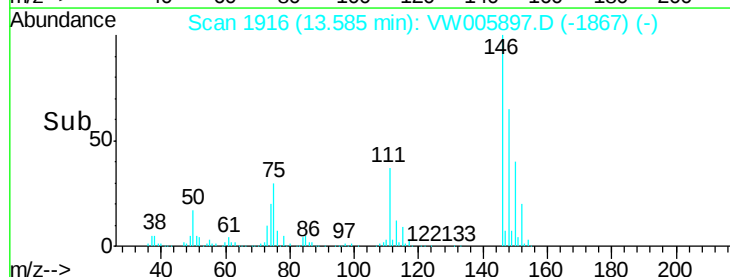
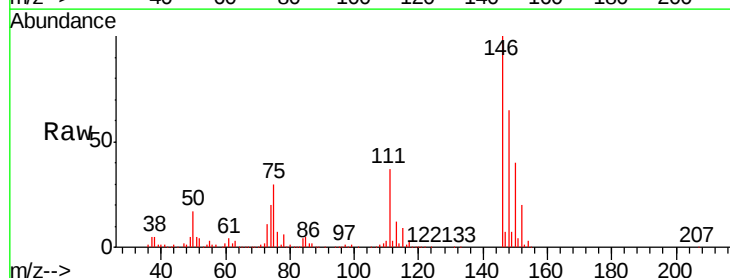
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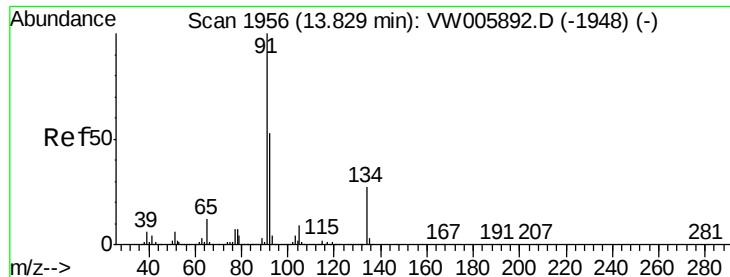
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#88
 1,4-Dichlorobenzene
 Concen: 19.13 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.0	57.0
148	64.8	32.0	96.2





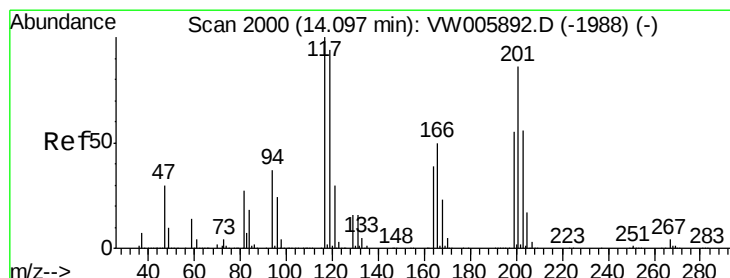
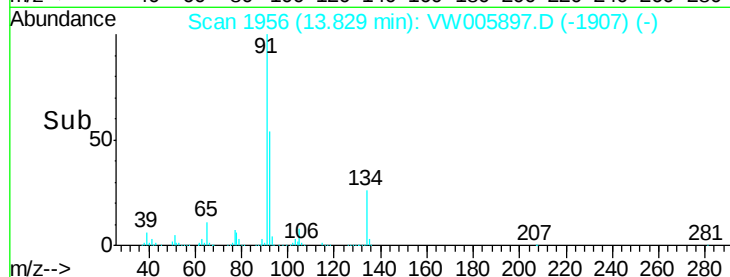
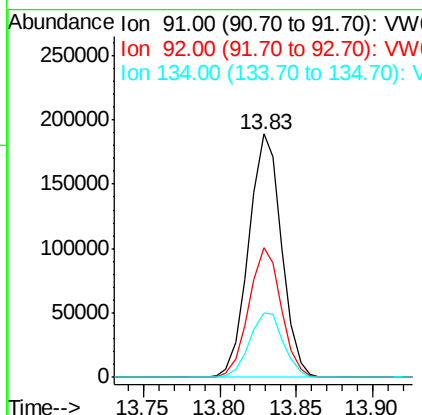
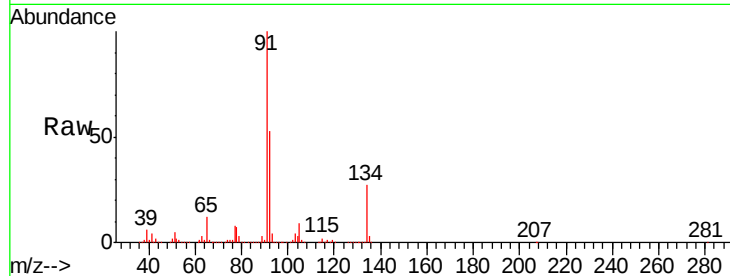
#89
n-Butylbenzene
Concen: 19.15 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.8
134	27.3	13.8	41.4

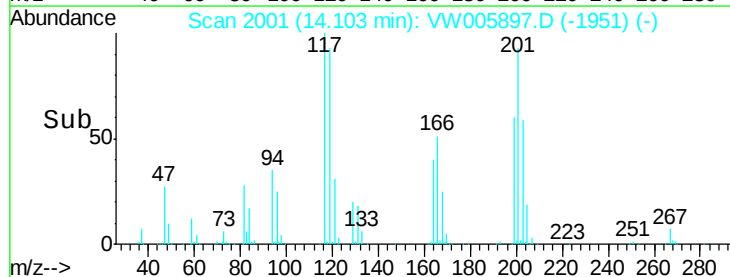
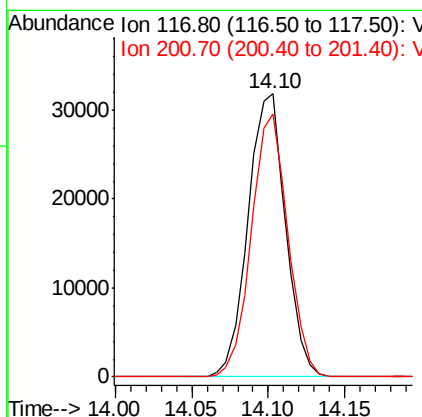
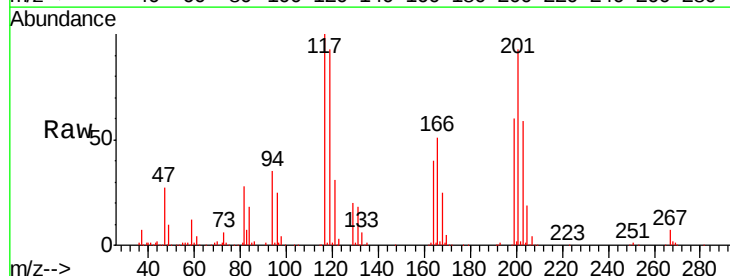
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#90
Hexachloroethane
Concen: 18.48 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	44.5	133.5





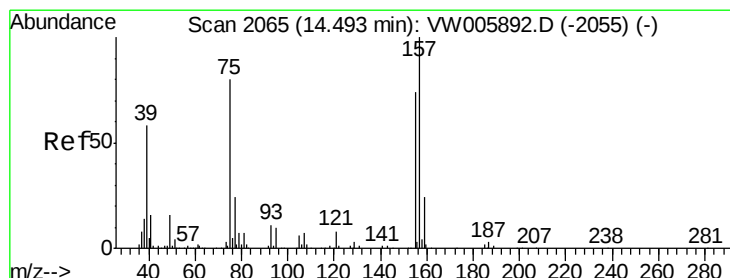
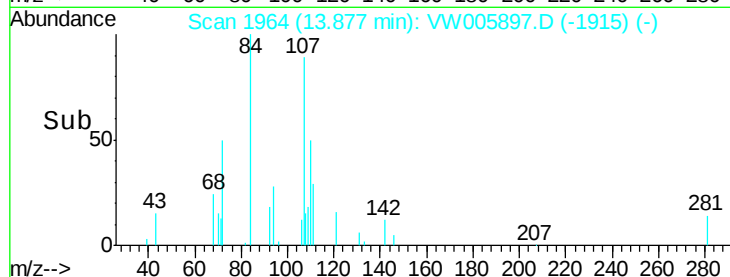
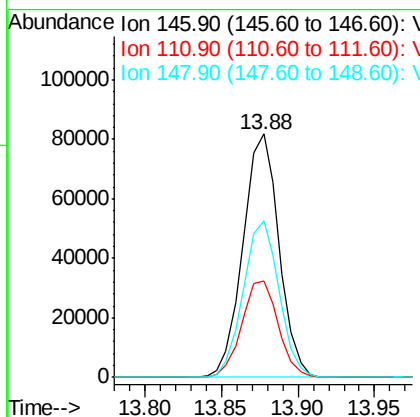
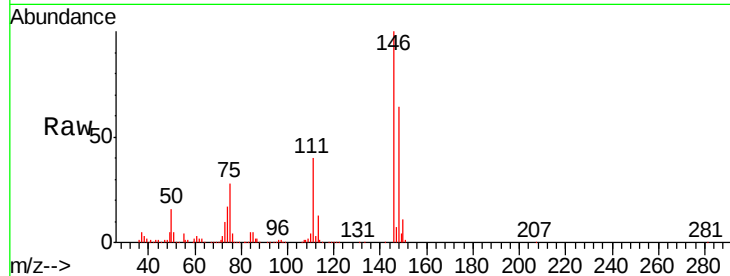
#91
 1,2-Dichlorobenzene
 Concen: 19.46 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	133691		
111	40.2	20.3	61.0	
148	64.0	32.5	97.4	

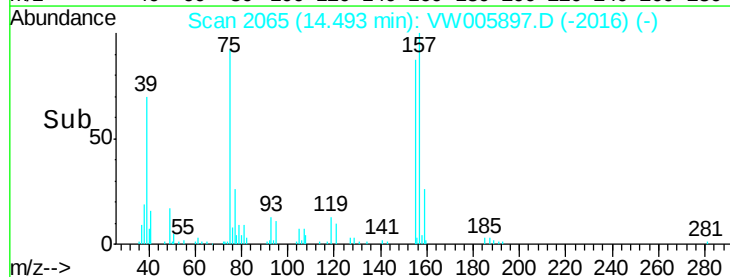
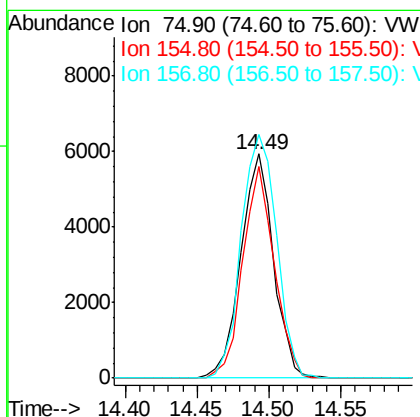
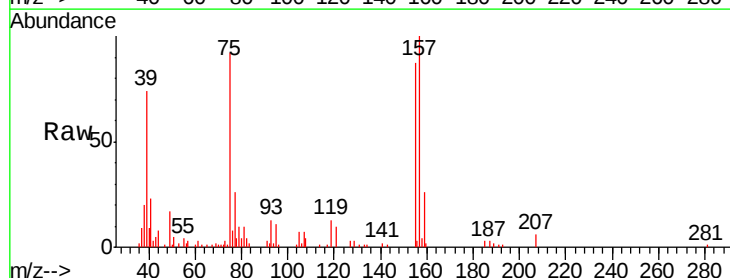
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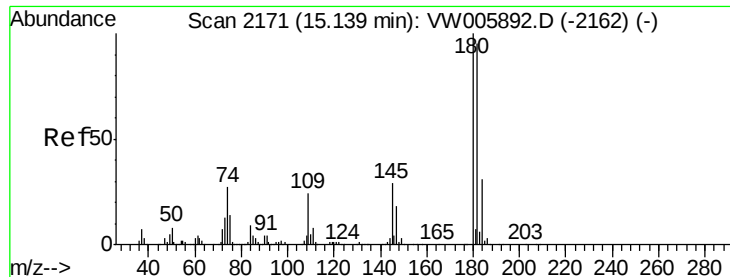
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.57 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9327		
155	90.6	44.8	134.3	
157	117.2	58.9	176.6	





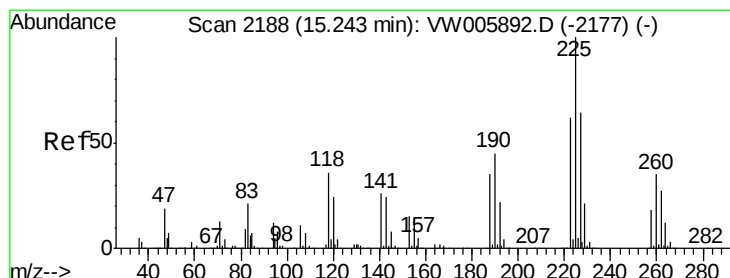
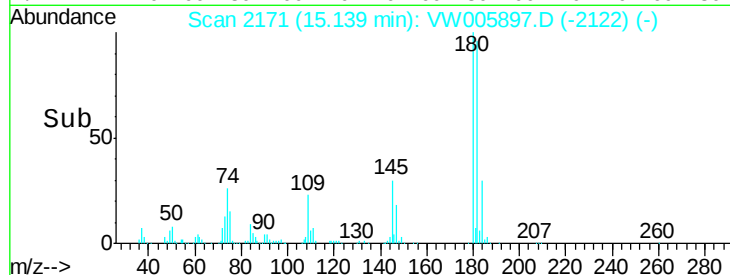
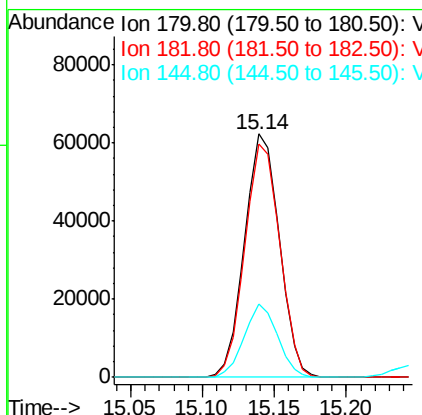
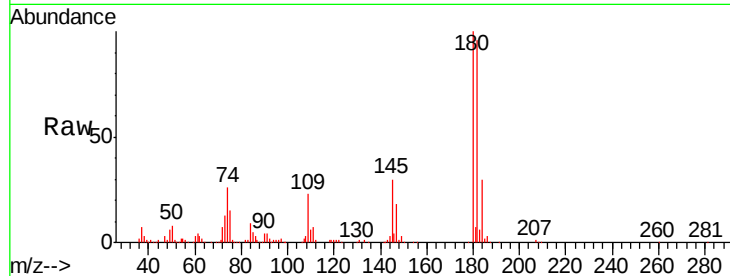
#93
 1,2,4-Trichlorobenzene
 Concen: 19.55 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	104145		
182	96.4	47.8	143.3	
145	29.0	14.5	43.6	

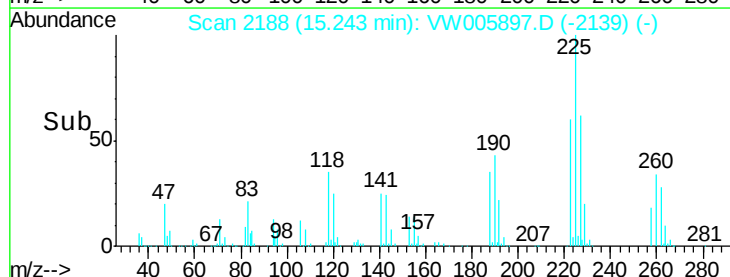
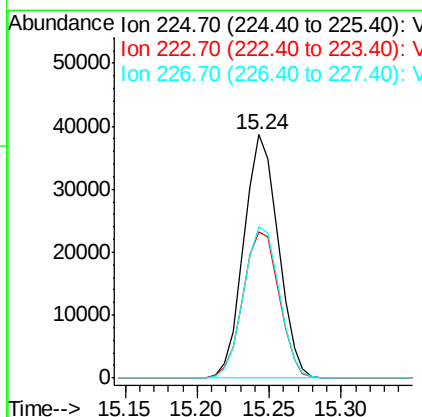
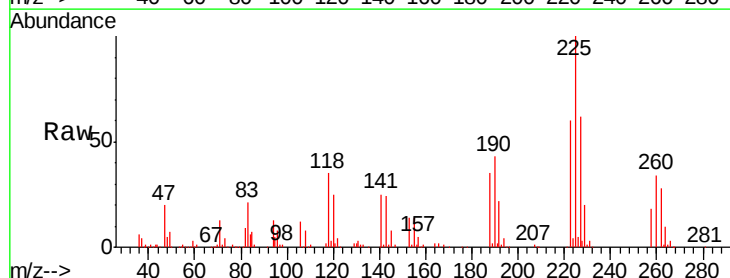
Manual Integrations
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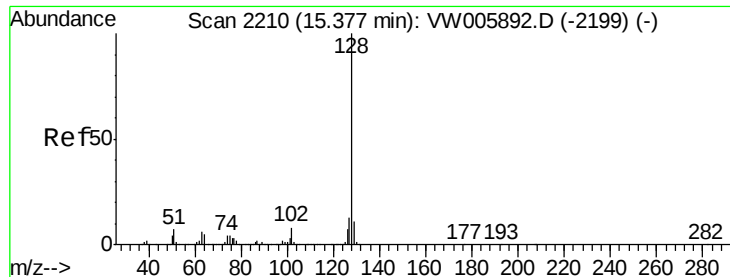
apatel
 10/9/2018 4:24:01 PM



#94
 Hexachlorobutadiene
 Concen: 19.22 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63906		
223	63.1	31.2	93.6	
227	64.2	31.9	95.9	





#95

Naphthalene

Concen: 19.51 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

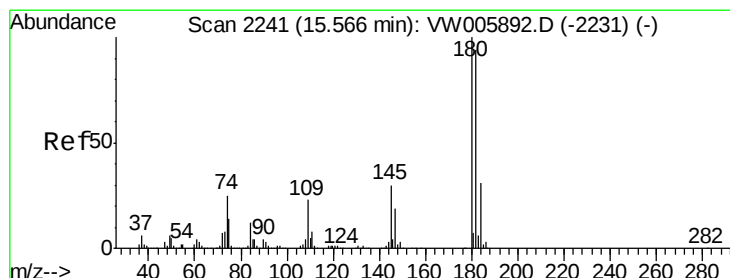
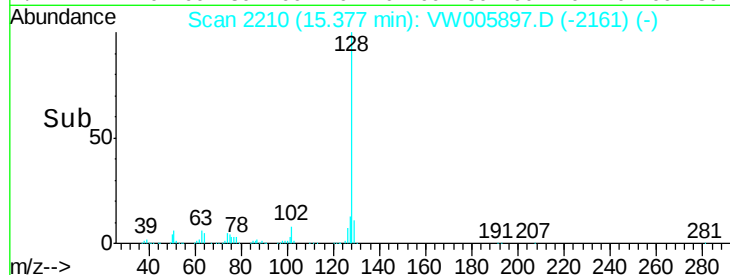
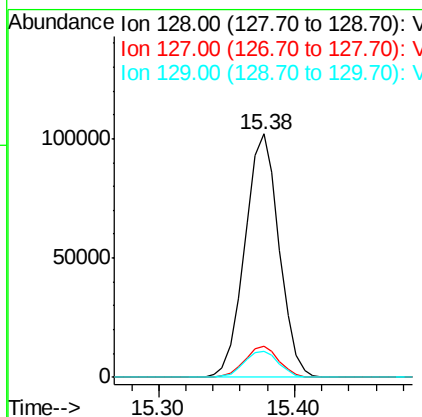
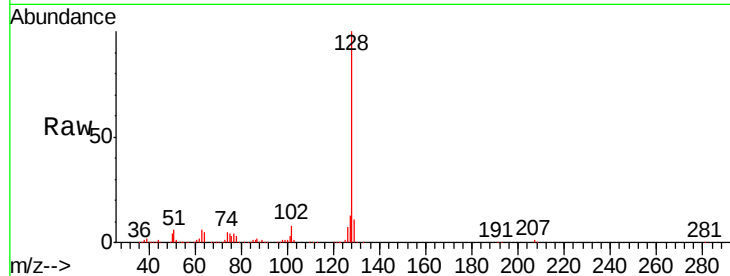
ClientSampleId :

VW1008SBS01

Tgt Ion:	128	Resp:	179134
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.33 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion:	180	Resp:	89155
Ion Ratio		Lower	Upper
180	100		
182	97.0	47.6	142.8
145	30.9	15.3	45.9

