

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005894.D
 Acq On : 08 Oct 2018 14:09
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Manual Integrations
 APPROVED

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 10/9/2018 4:12:32 PM

Quant Time: Oct 09 06:58:29 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	337382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	441710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158808	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.88	113	159371	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.32	98	625219	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.62	95	235606	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91333	55.24	ug/l	99
3) Chloromethane	2.21	50	97397	50.08	ug/l	100
4) Vinyl Chloride	2.37	62	165528	53.61	ug/l	99
5) Bromomethane	2.78	94	131928	54.14	ug/l	98
6) Chloroethane	2.93	64	109412	55.62	ug/l	99
7) Trichlorofluoromethane	3.26	101	134736	54.98	ug/l	98
8) Diethyl Ether	3.67	74	73466	48.71	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157114	50.80	ug/l	99
10) Methyl Iodide	4.26	142	259498	51.30	ug/l	99
11) Tert butyl alcohol	5.23	59	51668	215.25	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	151752	51.09	ug/l	99
13) Acrolein	3.89	56	43226	202.08	ug/l	98
14) Allyl chloride	4.66	41	249546	49.27	ug/l	100
15) Acrylonitrile	5.37	53	152776	232.75	ug/l	99
16) Acetone	4.14	43	163060	249.25	ug/l	98
17) Carbon Disulfide	4.37	76	469070	52.24	ug/l	100
18) Methyl Acetate	4.67	43	79804	48.34	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	223084	48.28	ug/l	100
20) Methylene Chloride	4.91	84	151669	46.27	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	166355	51.39	ug/l	97
22) Diisopropyl ether	6.31	45	465352	49.15	ug/l	98
23) Vinyl Acetate	6.26	43	1396295	239.61	ug/l	100
24) 1,1-Dichloroethane	6.21	63	291272	50.27	ug/l	99
25) 2-Butanone	7.18	43	215325	231.41	ug/l	100
26) 2,2-Dichloropropane	7.17	77	203889	50.00	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	186299	50.89	ug/l	99
28) Bromochloromethane	7.51	49	97232	45.46	ug/l	100
29) Tetrahydrofuran	7.54	42	132661	225.54	ug/l	99
30) Chloroform	7.68	83	301722	50.70	ug/l	99
31) Cyclohexane	7.95	56	277026	48.31	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	270473	51.03	ug/l	99
36) 1,1-Dichloropropene	8.08	75	245328	52.15	ug/l	100
37) Ethyl Acetate	7.26	43	91680	46.02	ug/l	99
38) Carbon Tetrachloride	8.07	117	264045	52.24	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	326760	52.66	ug/l	99
40) Benzene	8.32	78	664666	51.62	ug/l	100
41) Methacrylonitrile	7.48	41	57334	45.97	ug/l	96
42) 1,2-Dichloroethane	8.40	62	192821	49.57	ug/l	100
43) Isopropyl Acetate	8.43	43	200270	48.13	ug/l	99
44) Trichloroethene	9.09	130	197463	52.86	ug/l	97
45) 1,2-Dichloropropane	9.37	63	163138	50.62	ug/l	99
46) Dibromomethane	9.46	93	89059	50.28	ug/l	99
47) Bromodichloromethane	9.65	83	223697	50.19	ug/l	99
48) Methyl methacrylate	9.44	41	95734	48.29	ug/l	99
49) 1,4-Dioxane	9.48	88	27256	1013.06	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	487181	240.42	ug/l	100
52) Toluene	10.39	92	436750	51.64	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	237600	51.01	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	266005	50.80	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	120462	49.10	ug/l	98
56) Ethyl methacrylate	10.65	69	162142	49.04	ug/l	99
57) 1,3-Dichloropropane	10.93	76	207206	50.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	299984	222.97	ug/l	100
59) 2-Hexanone	10.97	43	350169	241.01	ug/l	100
60) Dibromochloromethane	11.13	129	158099	49.94	ug/l	99
61) 1,2-Dibromoethane	11.24	107	122550	49.99	ug/l	100
64) Tetrachloroethene	10.87	164	171253	52.05	ug/l	99
65) Chlorobenzene	11.66	112	492835	52.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	182168	52.53	ug/l	99
67) Ethyl Benzene	11.73	91	876240	52.43	ug/l	99
68) m/p-Xylenes	11.84	106	687610	105.28	ug/l	100
69) o-Xylene	12.17	106	326897	52.28	ug/l	99
70) Styrene	12.18	104	542925	52.34	ug/l	100
71) Bromoform	12.35	173	104756	50.71	ug/l	99
73) Isopropylbenzene	12.47	105	925404	51.71	ug/l	100
74) N-amyl acetate	12.27	43	205827	48.43	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	142065	48.43	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	110065m	50.28	ug/l	
77) Bromobenzene	12.75	156	218239	51.47	ug/l	99
78) n-propylbenzene	12.81	91	1090355	51.79	ug/l	100
79) 2-Chlorotoluene	12.90	91	610704	51.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	783538	51.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	50239	48.45	ug/l	100
82) 4-Chlorotoluene	12.99	91	647153	51.76	ug/l	100
83) tert-Butylbenzene	13.21	119	702638	52.28	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	793887	52.09	ug/l	100
85) sec-Butylbenzene	13.39	105	990837	52.53	ug/l	100
86) p-Isopropyltoluene	13.51	119	894272	52.72	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	442081	52.48	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	434242	51.88	ug/l	100
89) n-Butylbenzene	13.83	91	846914	52.96	ug/l	99
90) Hexachloroethane	14.10	117	166444	52.17	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	385982	51.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26590	48.64	ug/l	98

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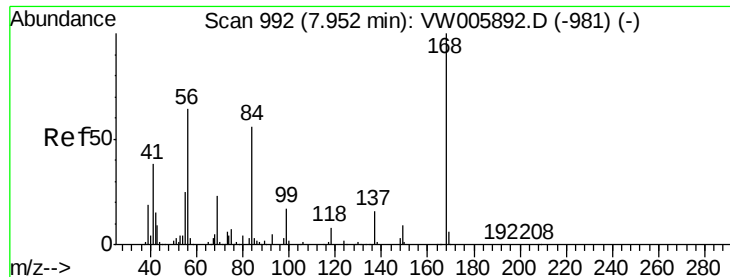
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	299143	51.59	ug/l	99
94) Hexachlorobutadiene	15.24	225	193068	53.34	ug/l	100
95) Naphthalene	15.38	128	507581	50.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	259214	51.62	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVW100818

Tgt Ion: 168 Resp: 337382

Ion Ratio Lower Upper

168 100

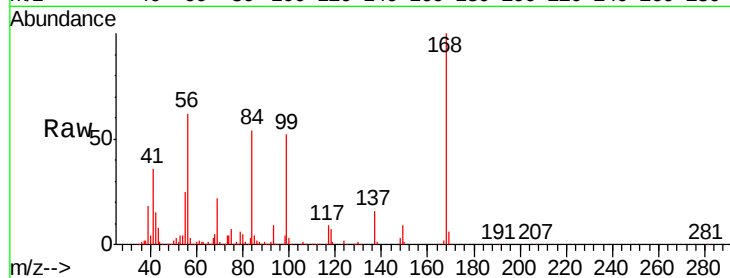
99 51.5 40.9 61.3

Manual Integrations

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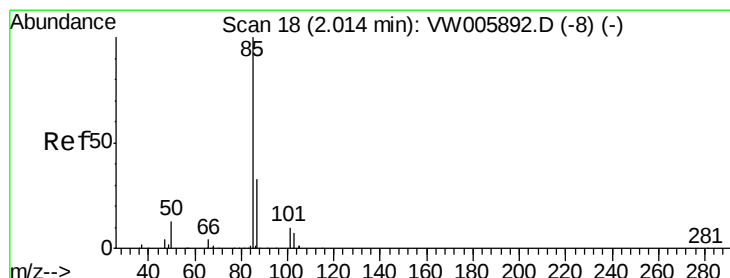
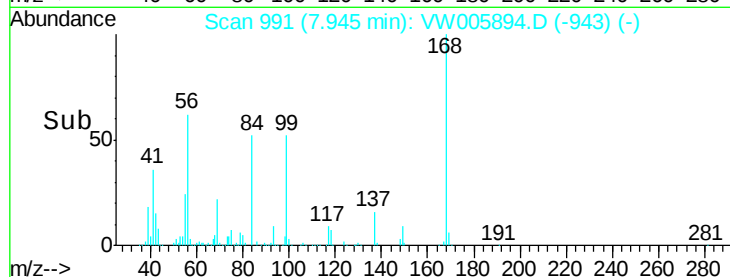
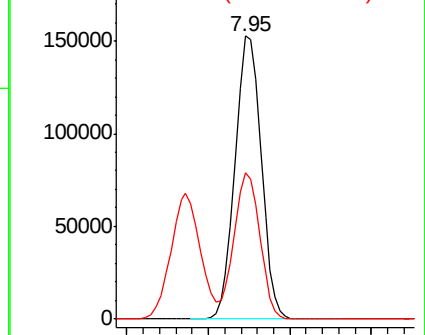
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 55.24 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005894.D

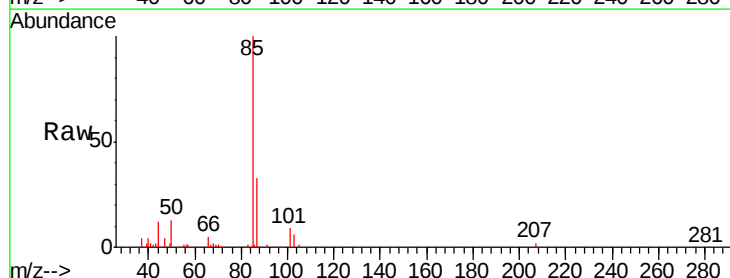
Acq: 08 Oct 2018 14:09

Tgt Ion: 85 Resp: 91333

Ion Ratio Lower Upper

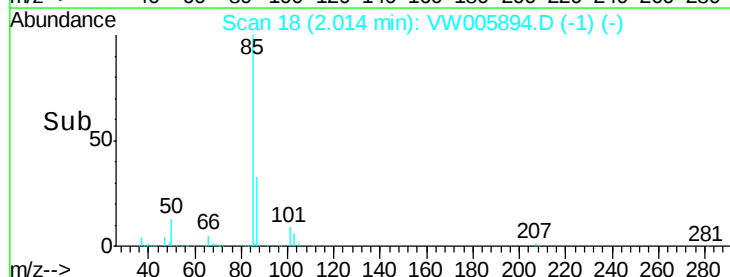
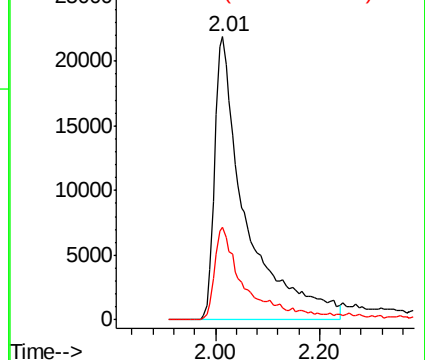
85 100

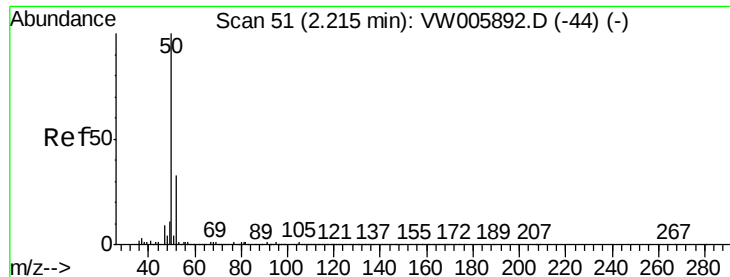
87 32.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.08 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

Tgt Ion: 50 Resp: 97397

Ion Ratio Lower Upper

50 100

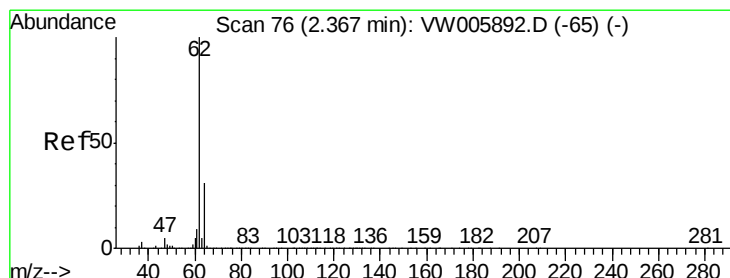
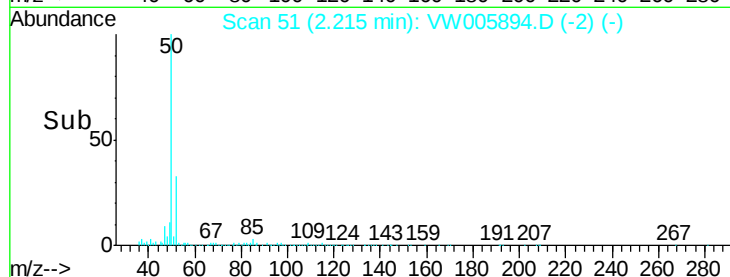
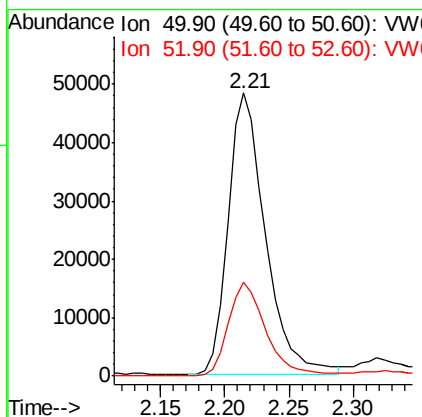
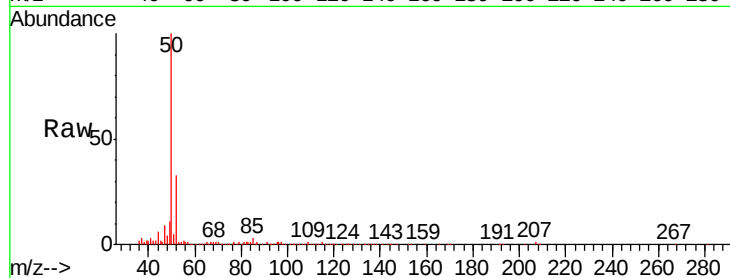
52 33.2 26.7 40.1

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#4

Vinyl Chloride

Concen: 53.61 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005894.D

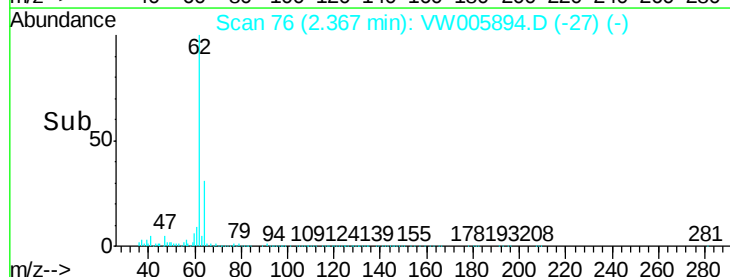
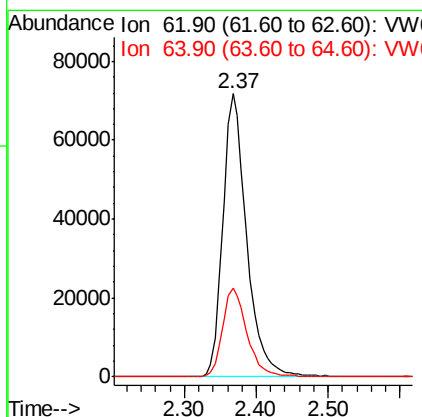
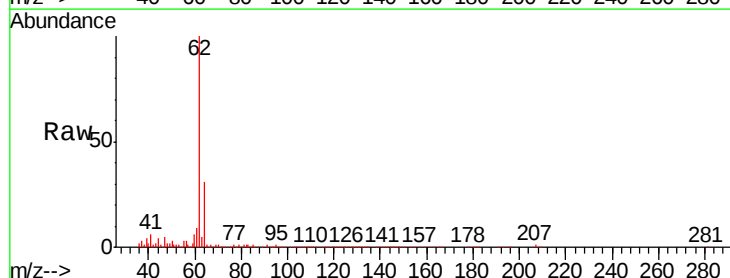
Acq: 08 Oct 2018 14:09

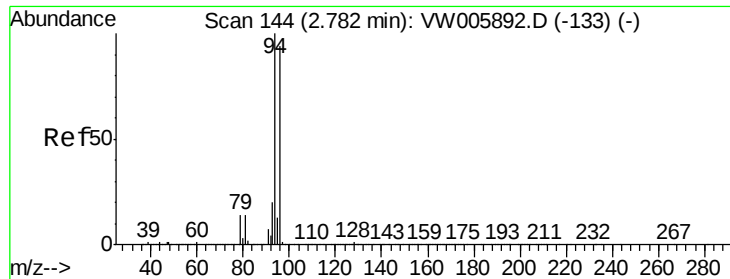
Tgt Ion: 62 Resp: 165528

Ion Ratio Lower Upper

62 100

64 31.3 24.6 36.8





#5

Bromomethane

Concen: 54.14 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

Tgt Ion: 94 Resp: 131928

Ion Ratio Lower Upper

94 100

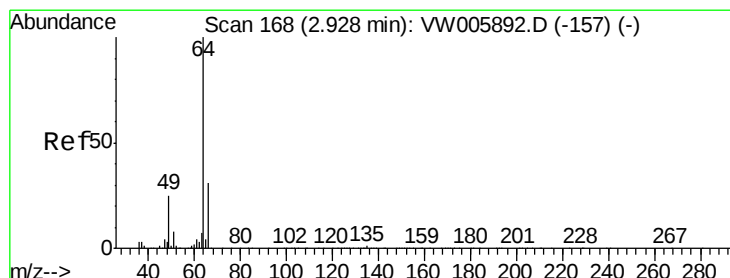
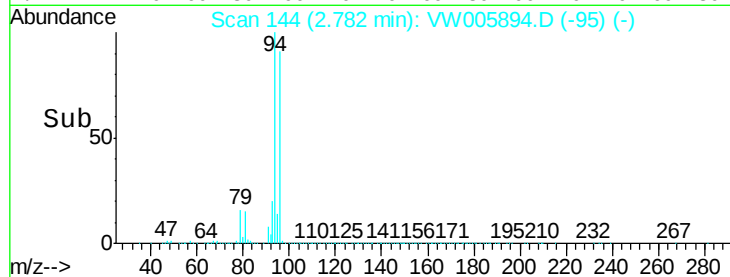
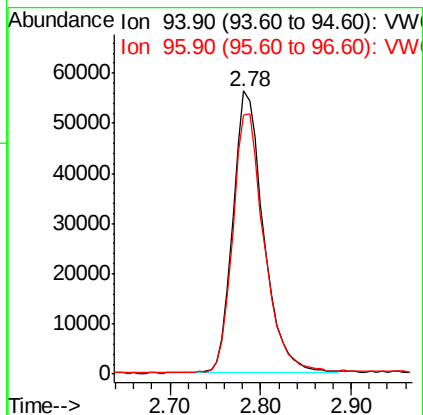
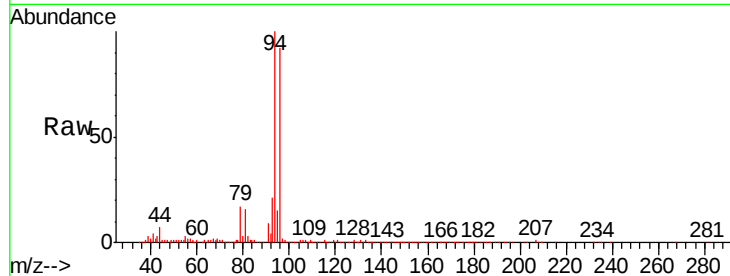
96 91.3 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 55.62 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005894.D

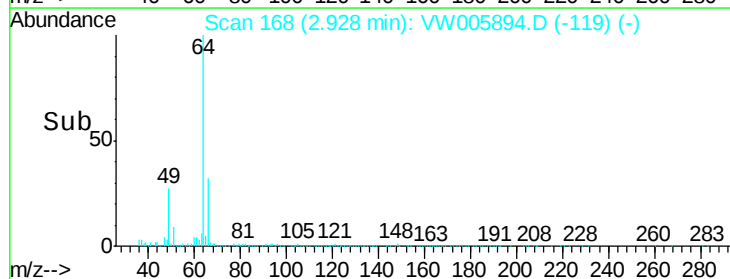
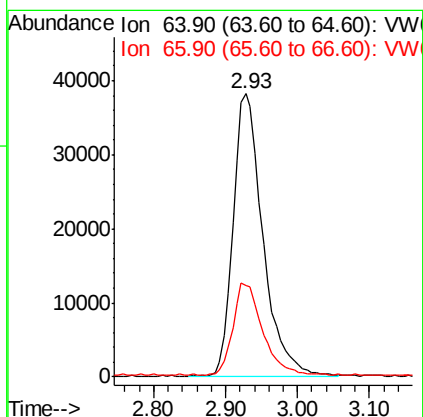
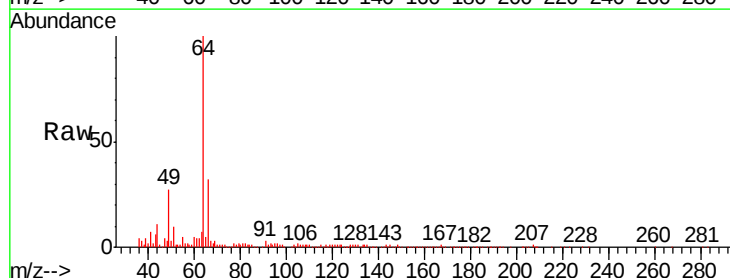
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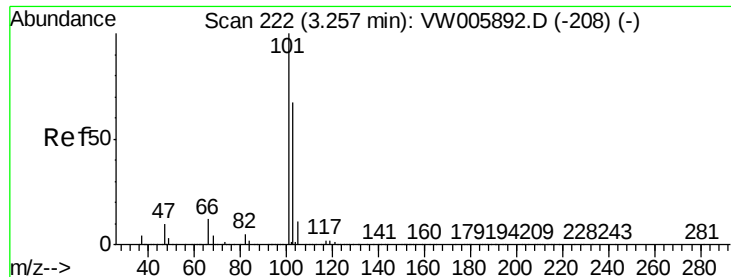
Tgt Ion: 64 Resp: 109412

Ion Ratio Lower Upper

64 100

66 31.5 25.0 37.4





#7

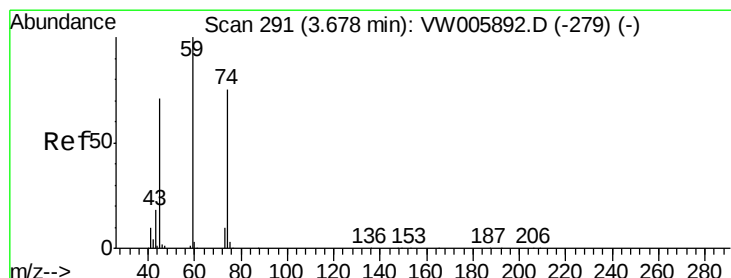
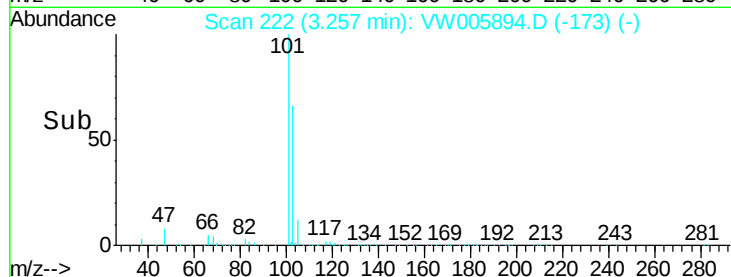
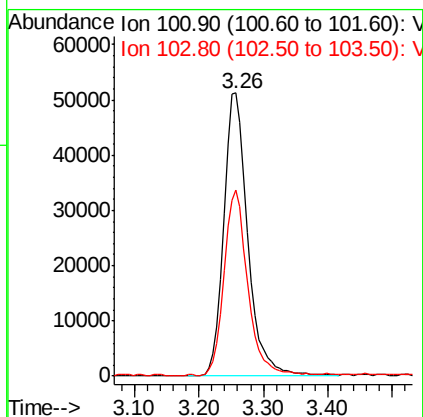
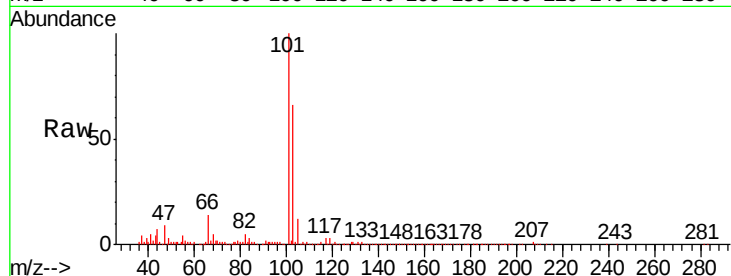
Trichlorofluoromethane
Concen: 54.98 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
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ClientSampleId :
ICVWV100818

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	134736		
103	65.5	53.5	80.3	

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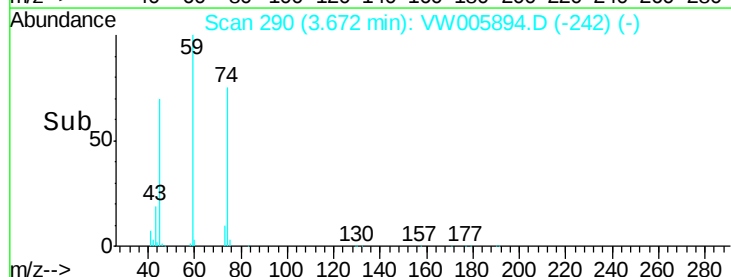
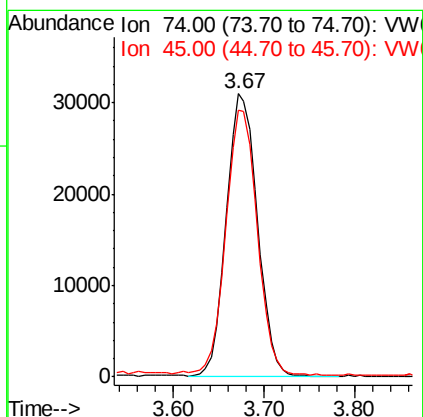
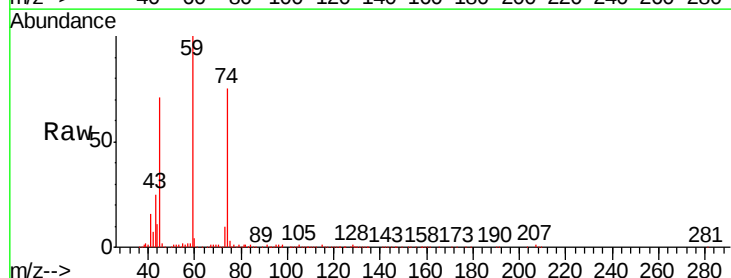
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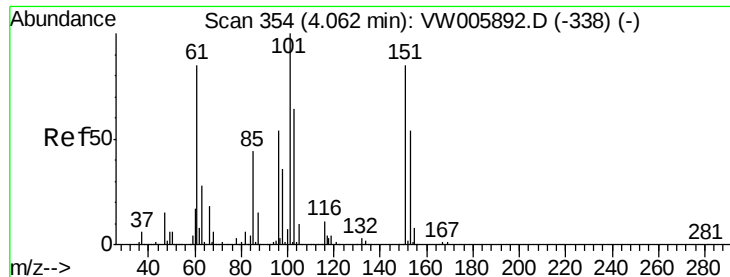


#8

Diethyl Ether
Concen: 48.71 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	73466		
45	95.4	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.80 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

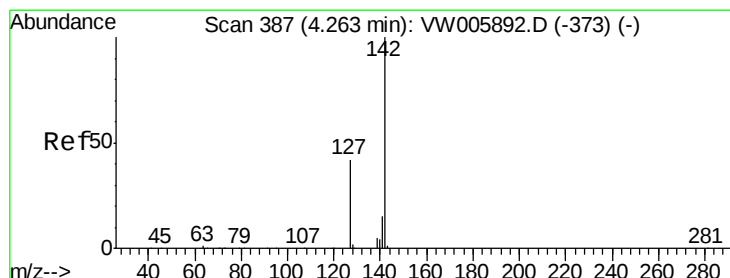
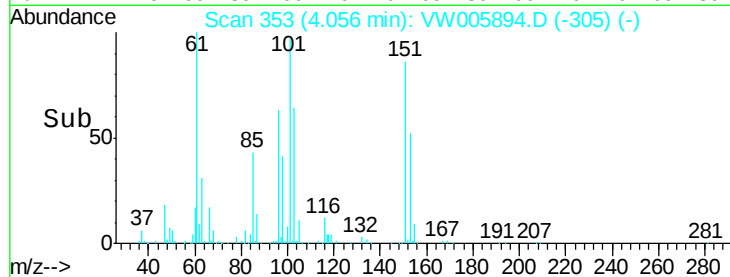
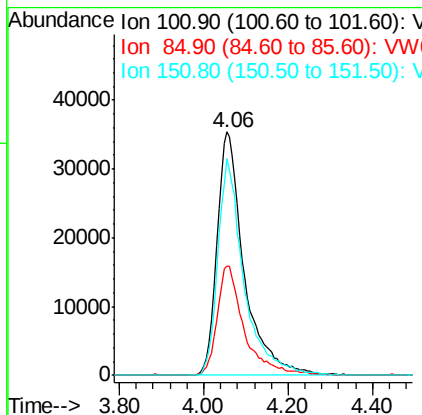
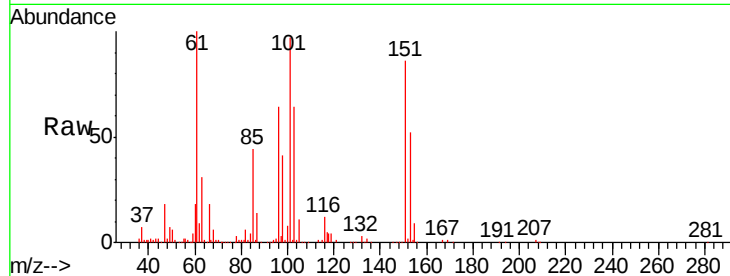
ClientSampleId :

ICVW100818

Tgt Ion:	101	Resp:	157114
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.1	52.7
151	85.8	67.7	101.5

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#10

Methyl Iodide

Concen: 51.30 ug/l

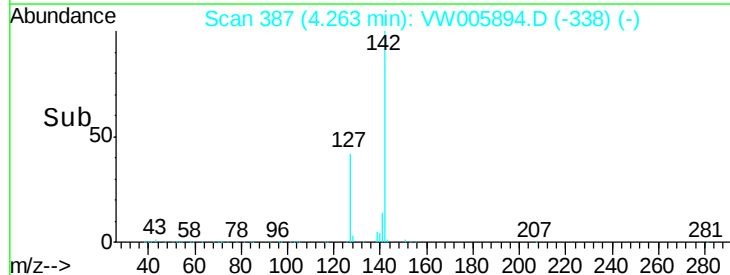
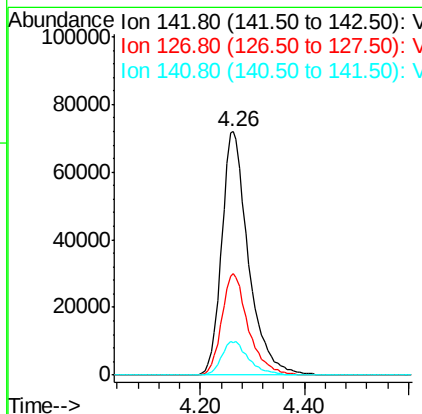
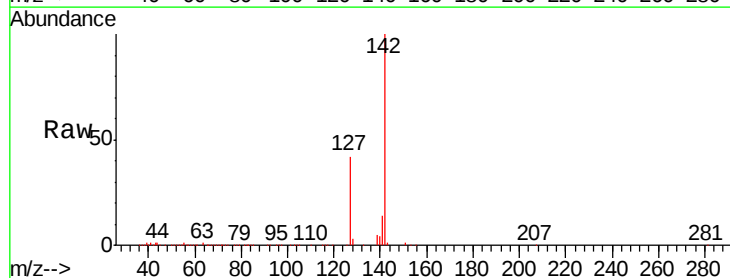
RT: 4.26 min Scan# 387

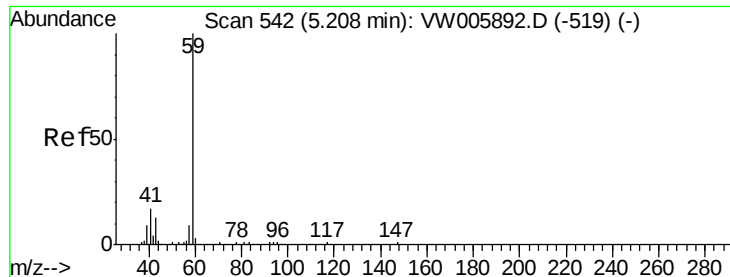
Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion:	142	Resp:	259498
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.7	50.5
141	14.2	11.5	17.3





#11

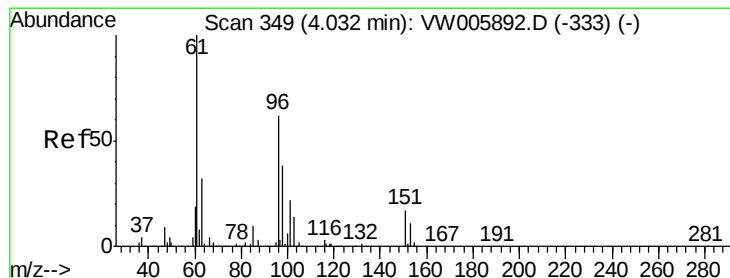
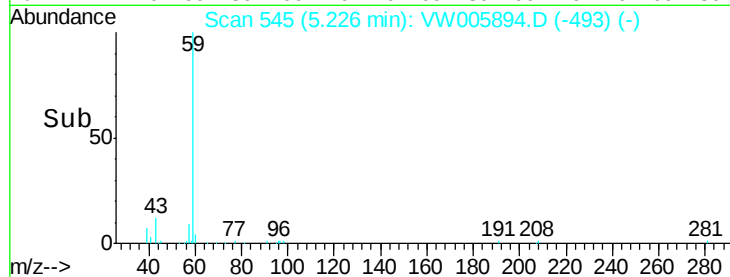
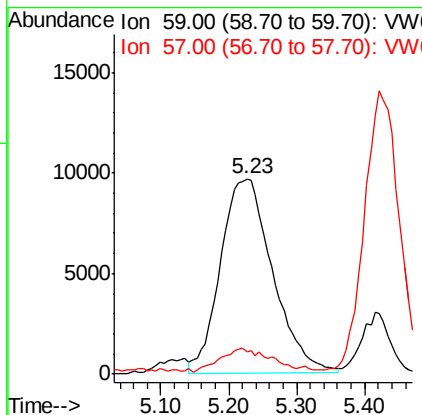
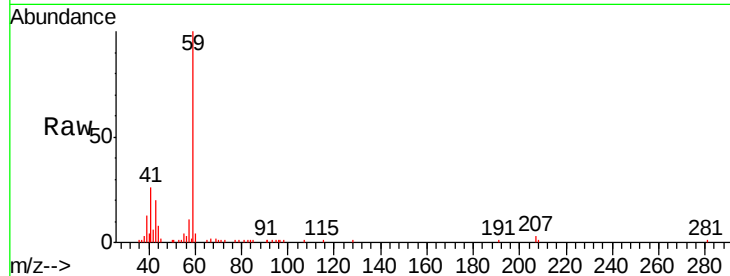
Tert butyl alcohol
 Concen: 215.25 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.02 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.8	7.7	11.5#

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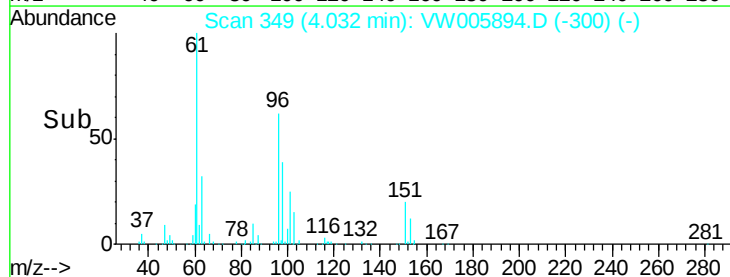
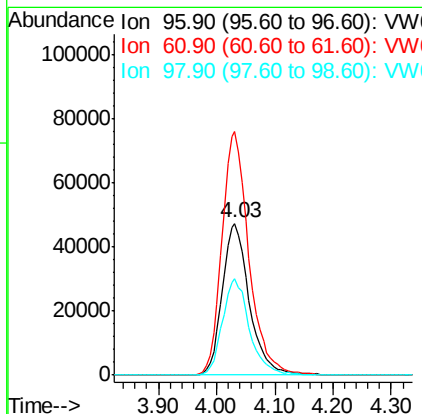
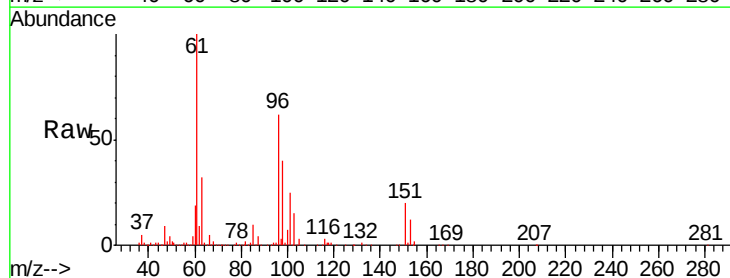
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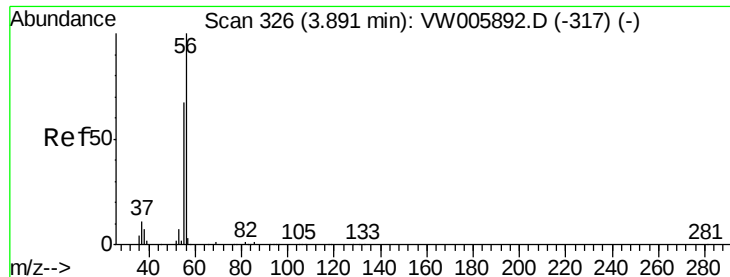


#12

1,1-Dichloroethene
 Concen: 51.09 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	128.6	193.0
98	63.7	49.4	74.0





#13

Acrolein

Concen: 202.08 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

Tgt Ion: 56 Resp: 43226

Ion Ratio Lower Upper

56 100

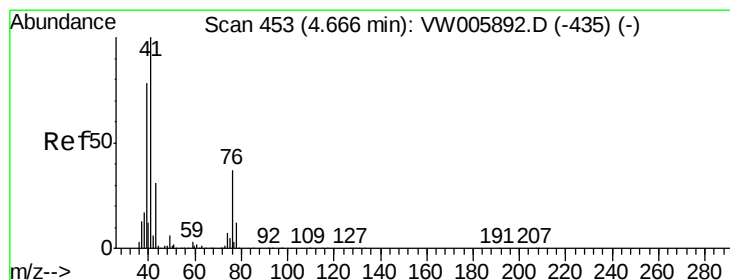
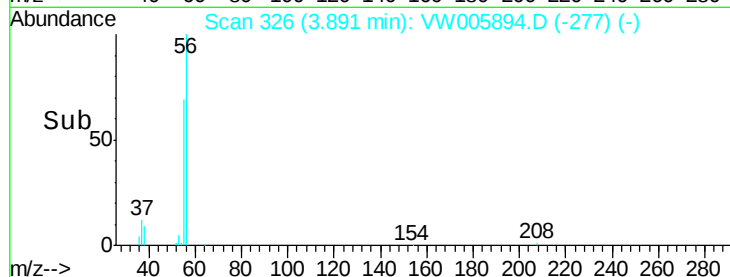
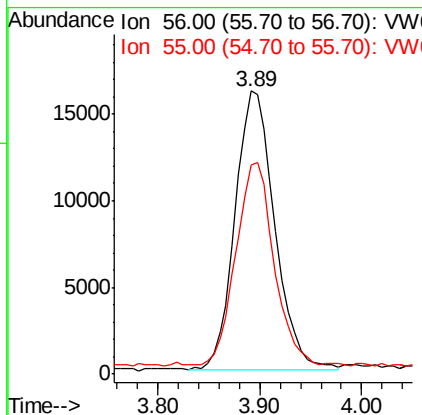
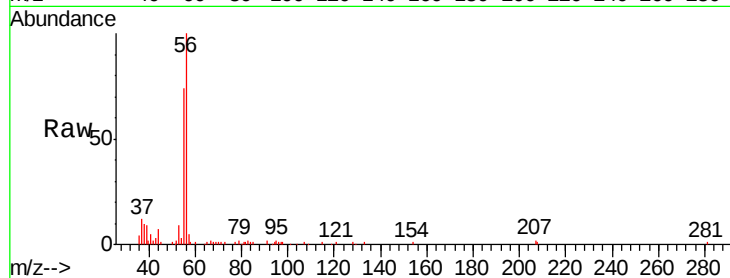
55 69.9 54.6 82.0

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#14

Allyl chloride

Concen: 49.27 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

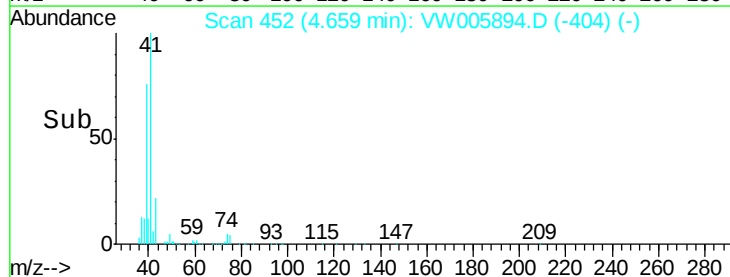
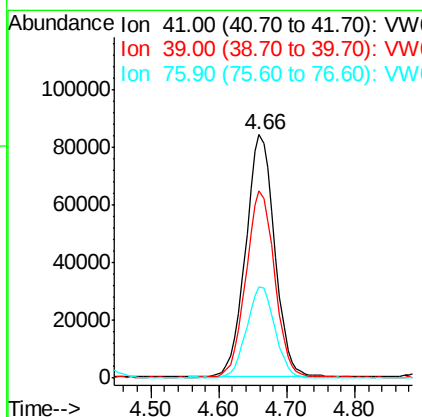
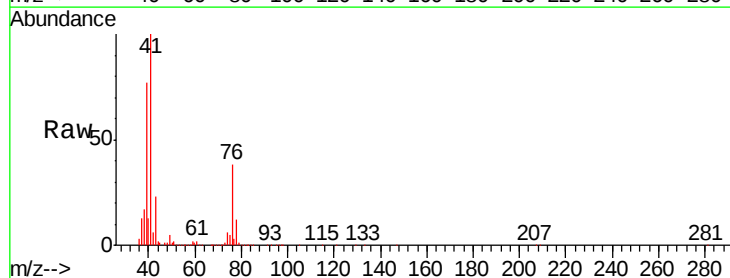
Tgt Ion: 41 Resp: 249546

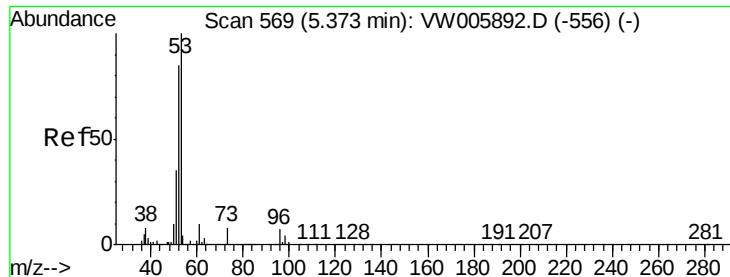
Ion Ratio Lower Upper

41 100

39 75.9 60.8 91.2

76 36.6 29.6 44.4





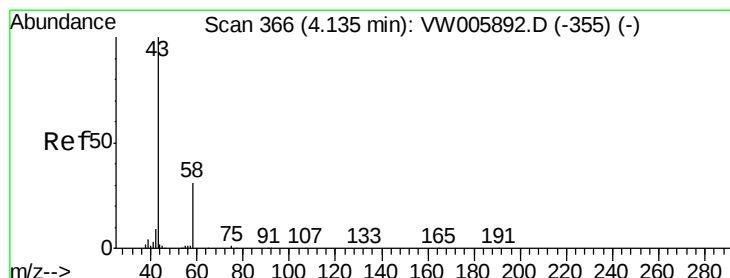
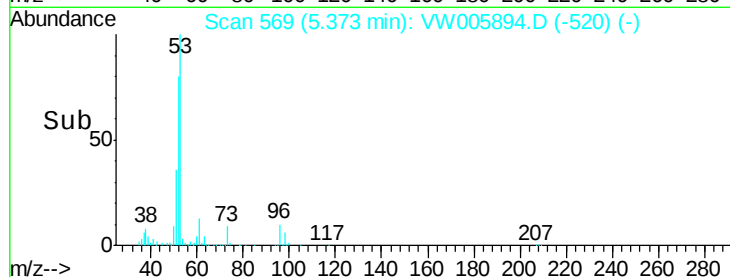
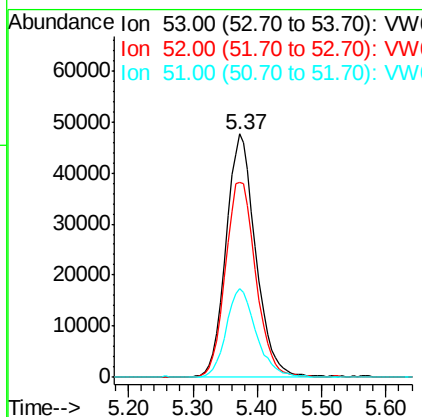
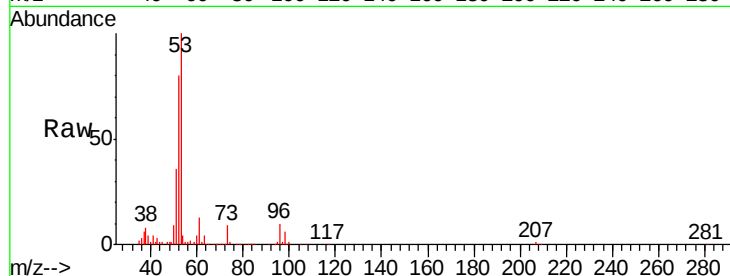
#15
 Acrylonitrile
 Concen: 232.75 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.8	100.2
51	36.7	29.8	44.6

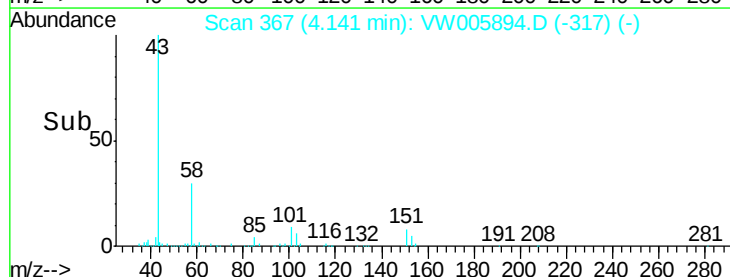
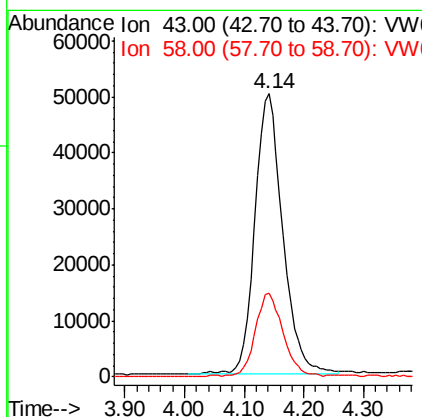
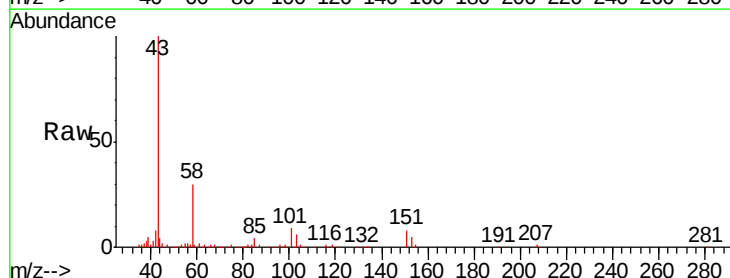
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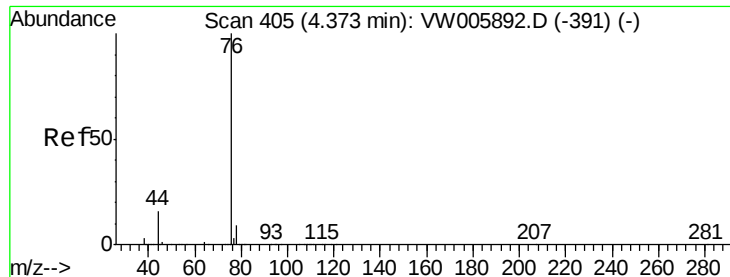
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#16
 Acetone
 Concen: 249.25 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.7	37.1





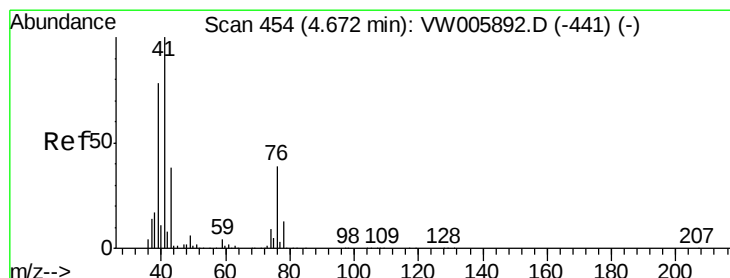
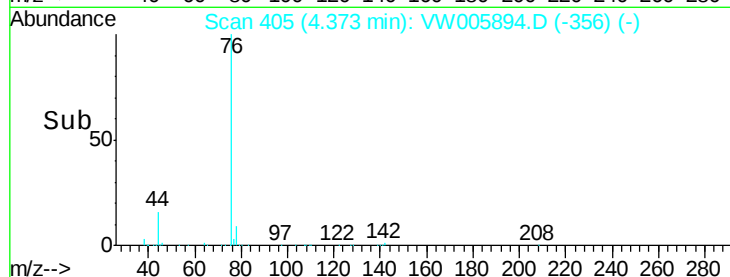
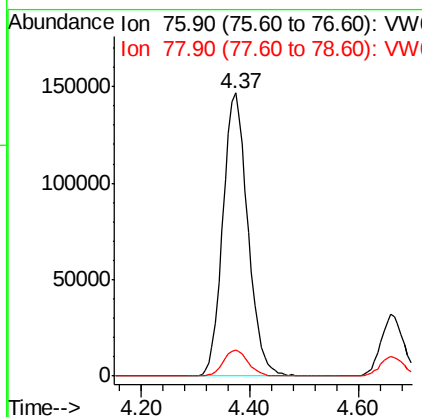
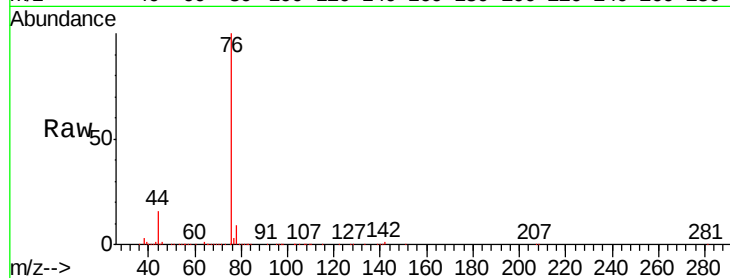
#17
Carbon Disulfide
Concen: 52.24 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

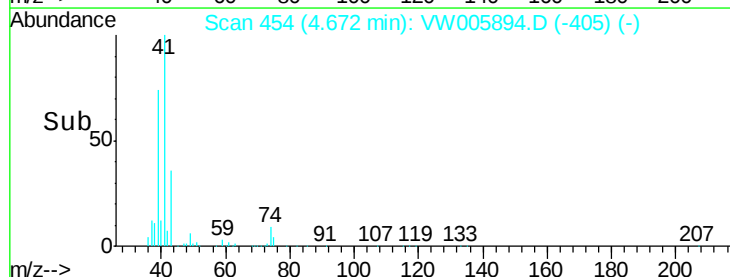
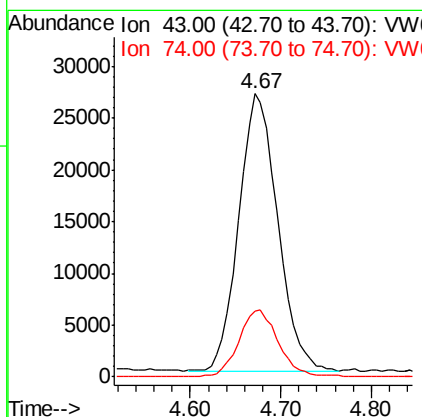
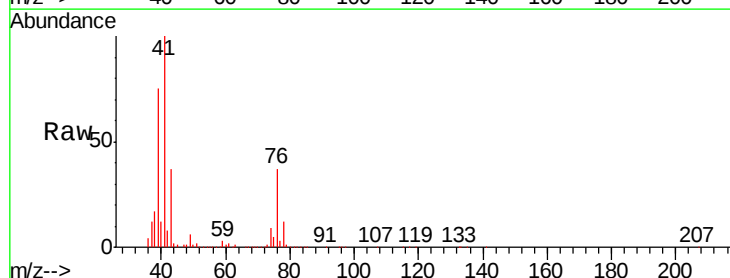
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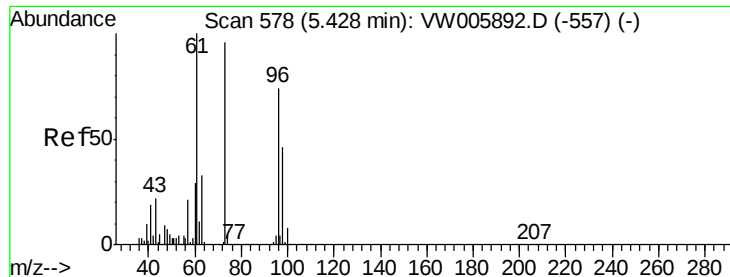
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#18
Methyl Acetate
Concen: 48.34 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.2	28.8





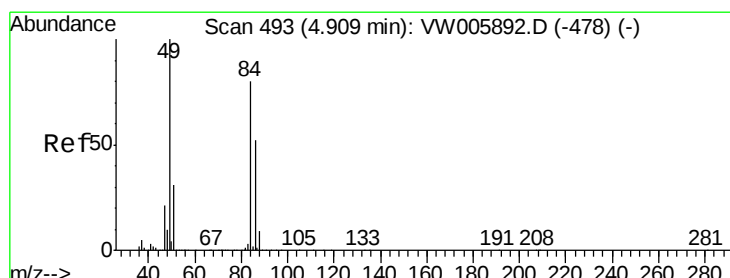
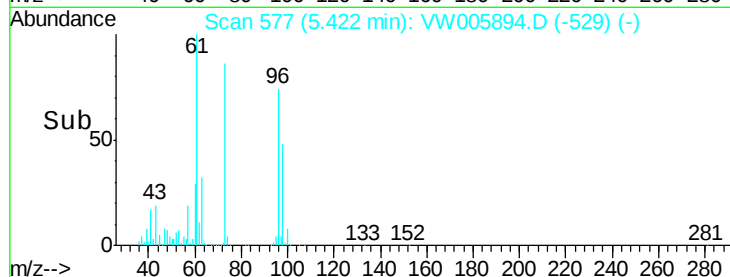
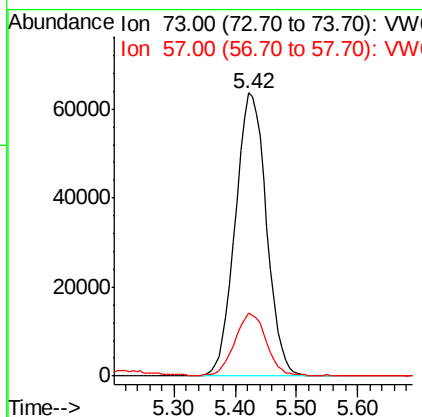
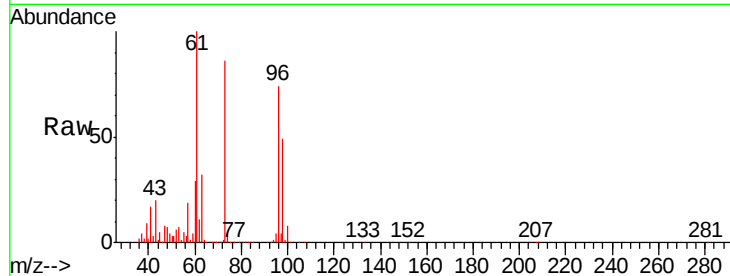
#19
Methyl tert-butyl Ether
Concen: 48.28 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion: 73 Resp: 223084
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

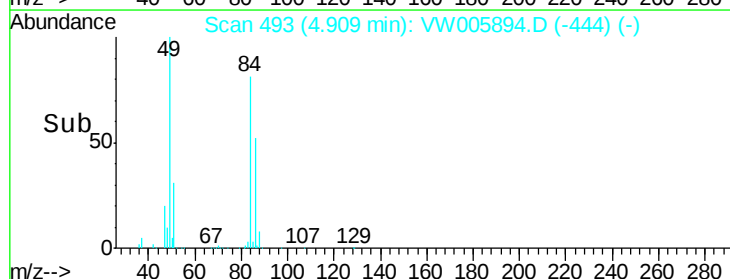
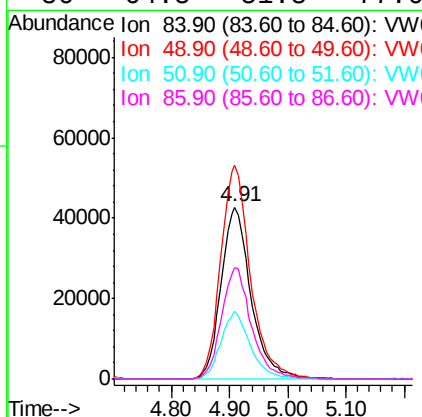
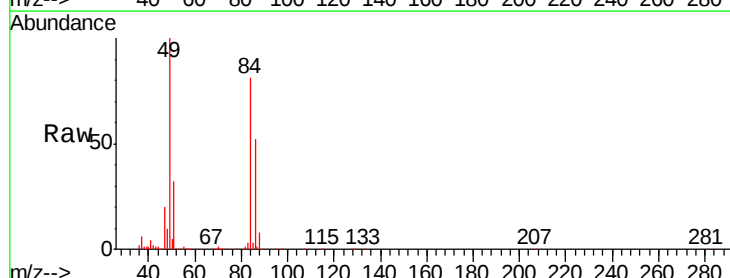
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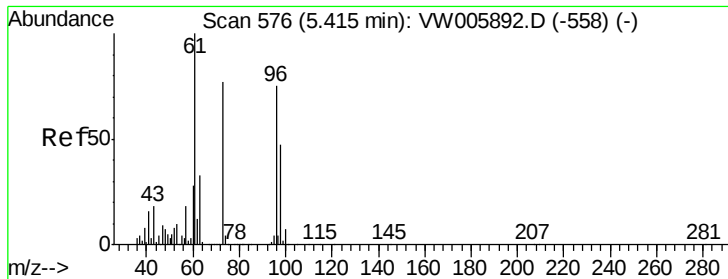
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#20
Methylene Chloride
Concen: 46.27 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 84 Resp: 151669
Ion Ratio Lower Upper
84 100
49 124.1 99.9 149.9
51 39.0 31.1 46.7
86 64.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.39 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

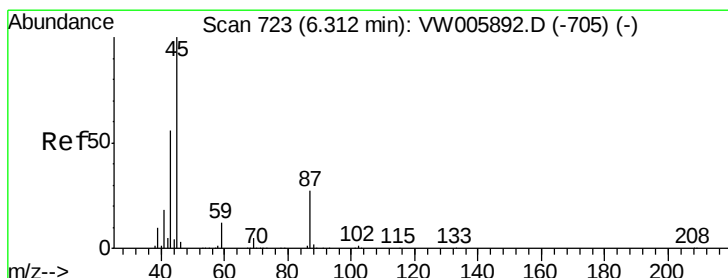
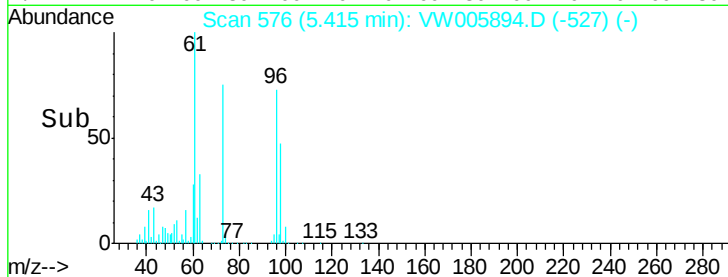
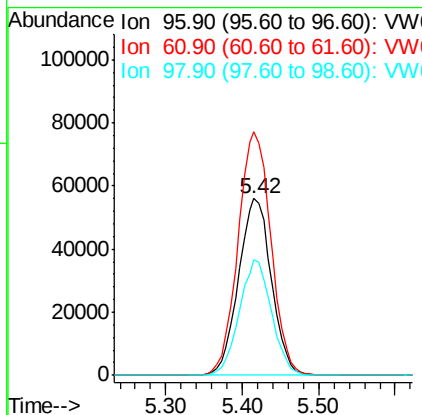
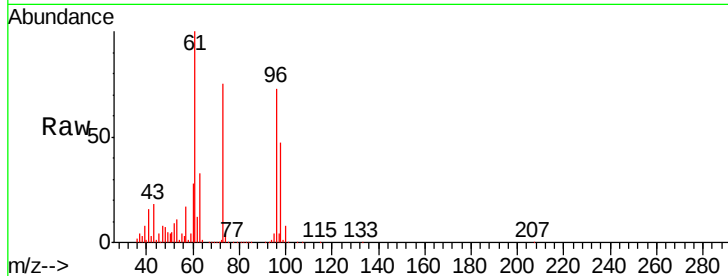
ClientSampled :

ICVWV100818

Tgt Ion:	96	Resp:	166355
Ion	Ratio	Lower	Upper
96	100		
61	137.8	107.4	161.0
98	65.0	50.8	76.2

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#22

Diisopropyl ether

Concen: 49.15 ug/l

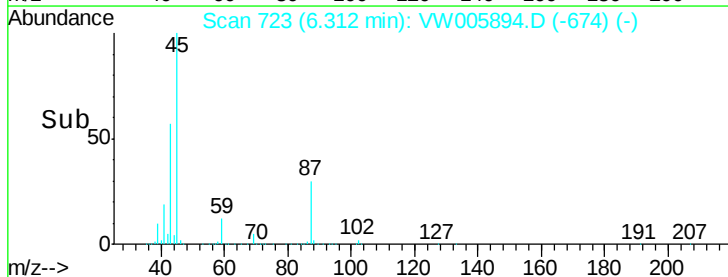
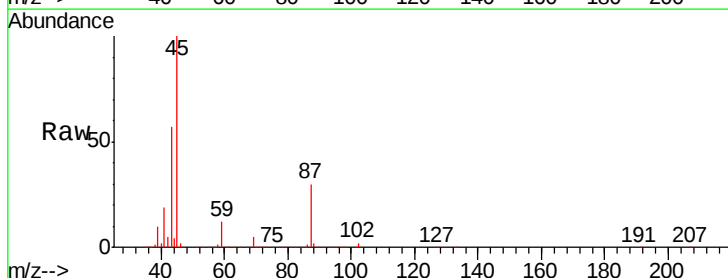
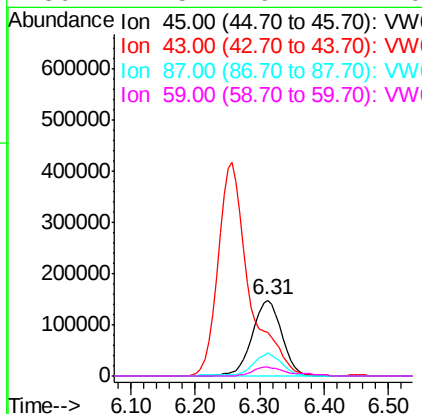
RT: 6.31 min Scan# 723

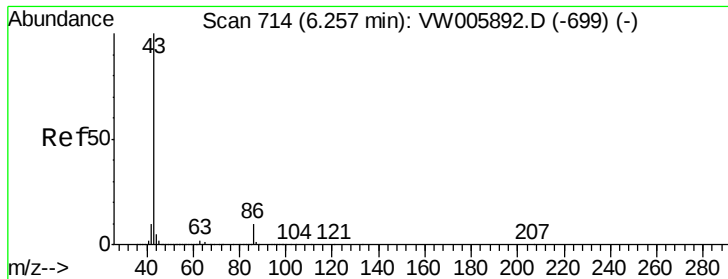
Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion:	45	Resp:	465352
Ion	Ratio	Lower	Upper
45	100		
43	56.4	45.9	68.9
87	29.8	22.2	33.4
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 239.61 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVW100818

Tgt Ion: 43 Resp: 1396295

Ion Ratio Lower Upper

43 100

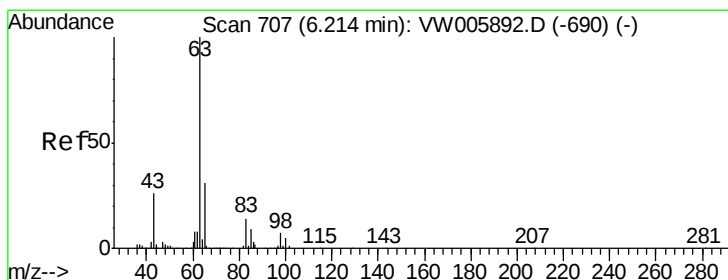
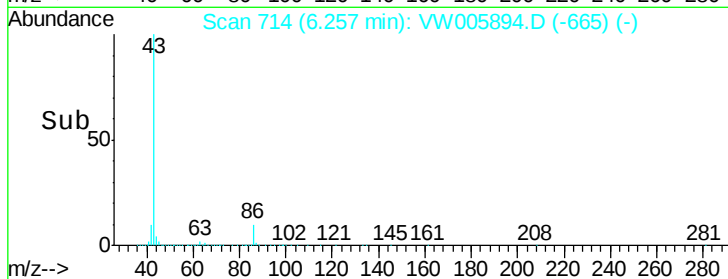
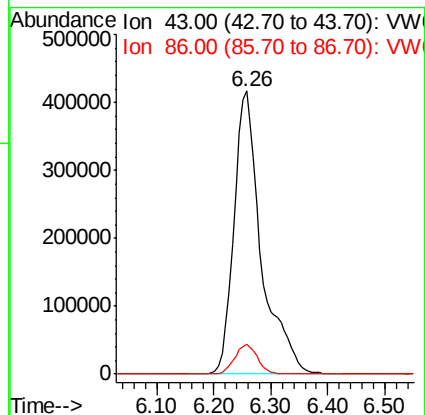
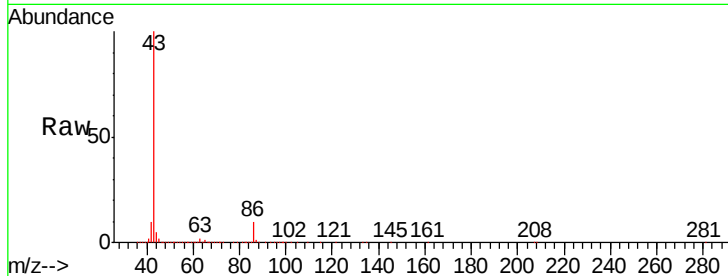
86 10.4 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 50.27 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

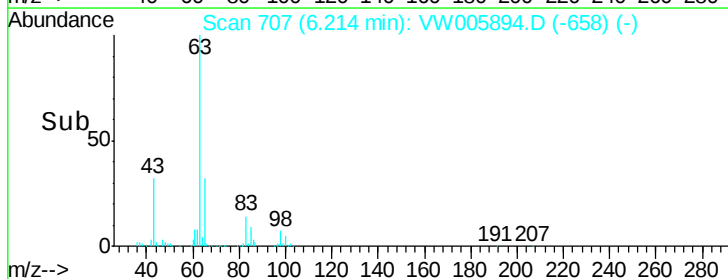
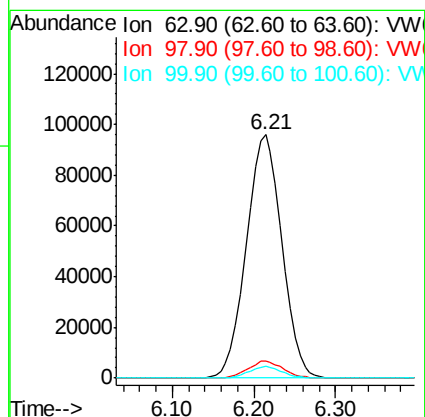
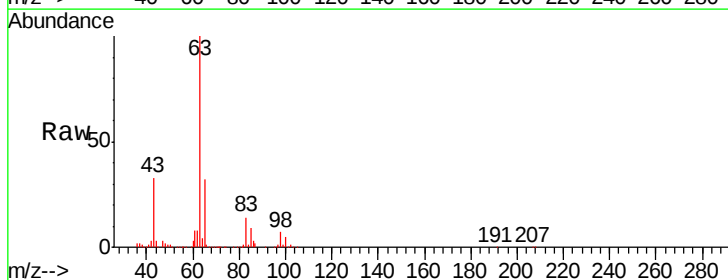
Tgt Ion: 63 Resp: 291272

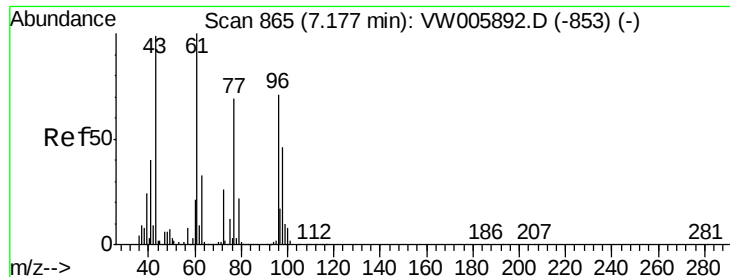
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 231.41 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampled :

ICVWV100818

Tgt Ion: 43 Resp: 215325

Ion Ratio Lower Upper

43 100

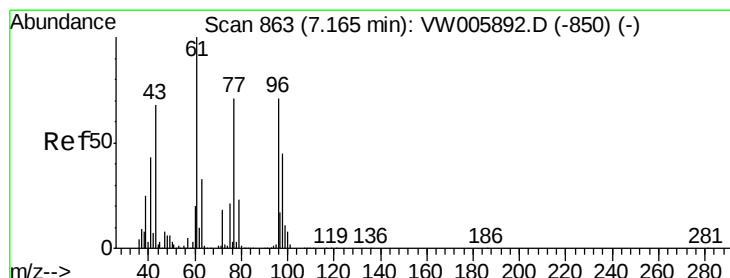
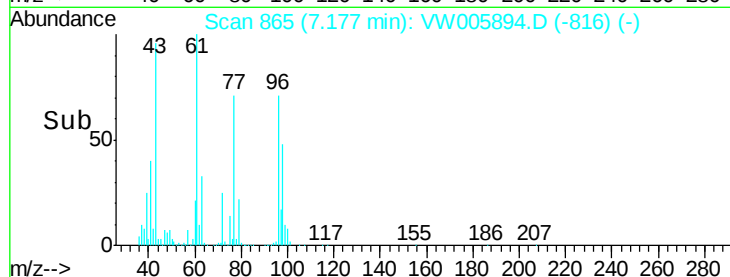
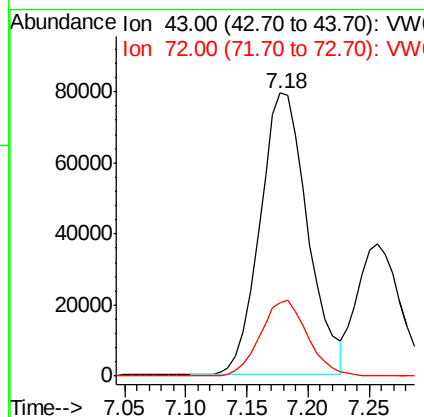
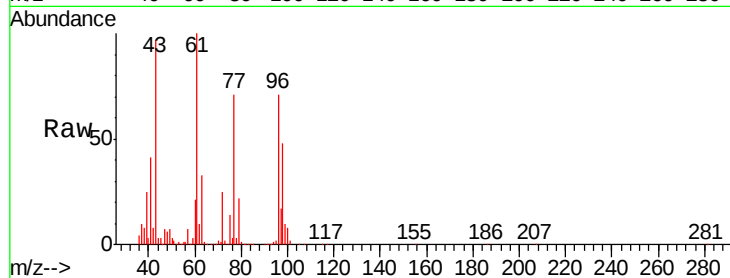
72 26.1 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 50.00 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005894.D

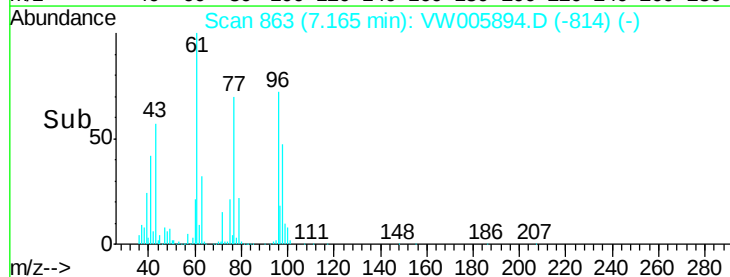
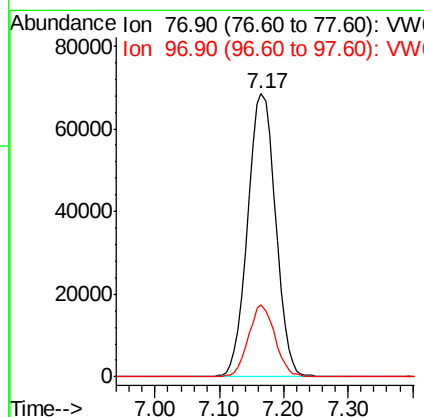
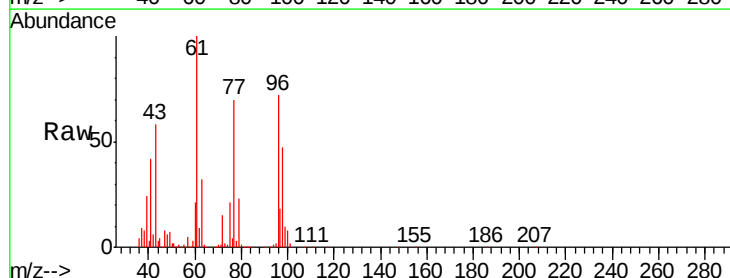
Acq: 08 Oct 2018 14:09

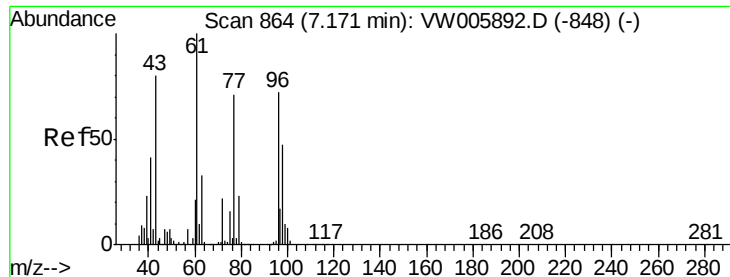
Tgt Ion: 77 Resp: 203889

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 50.89 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

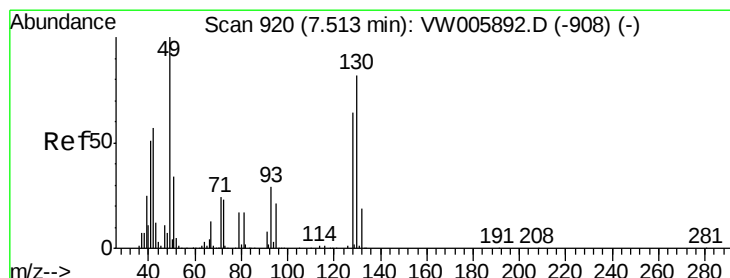
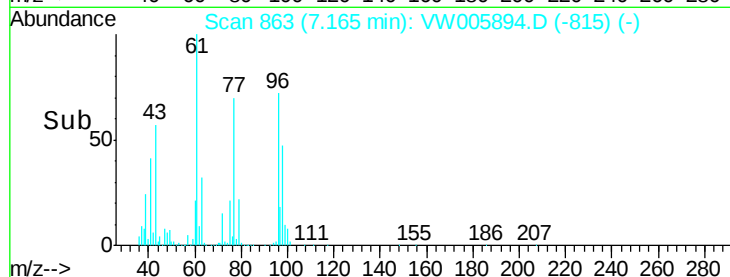
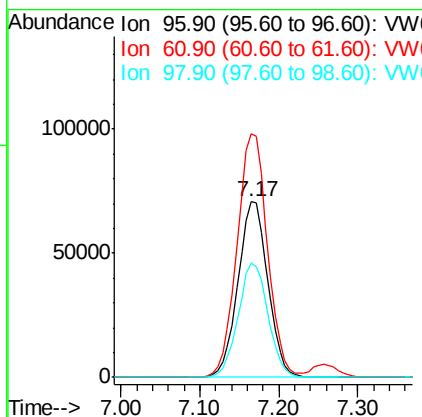
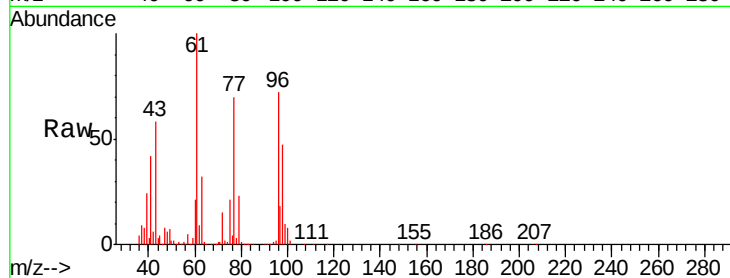
ClientSampled :

ICVW100818

Tgt Ion:	96	Resp:	186299
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	284.0
98	65.1	0.0	129.8

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#28

Bromochloromethane

Concen: 45.46 ug/l

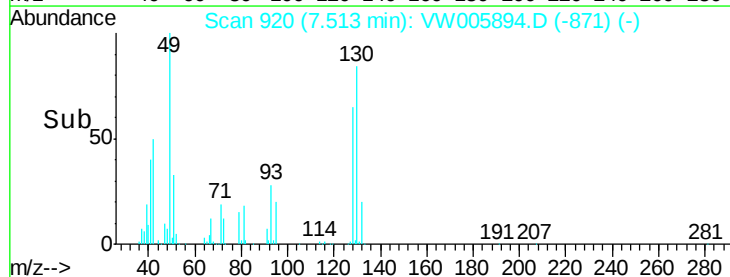
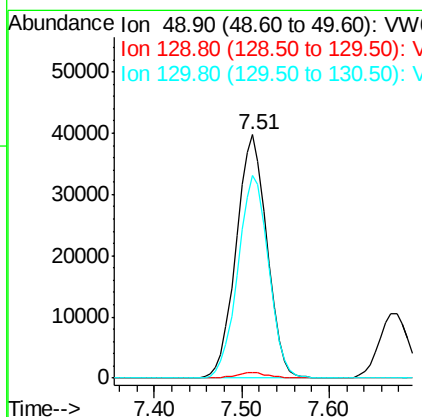
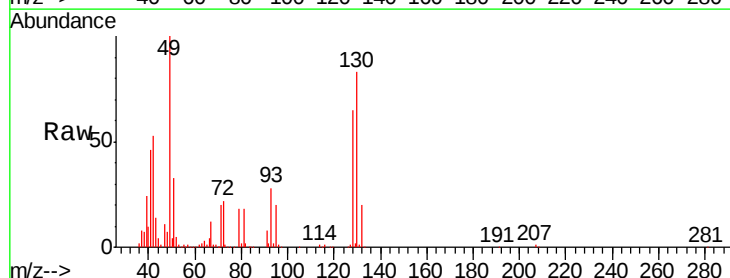
RT: 7.51 min Scan# 920

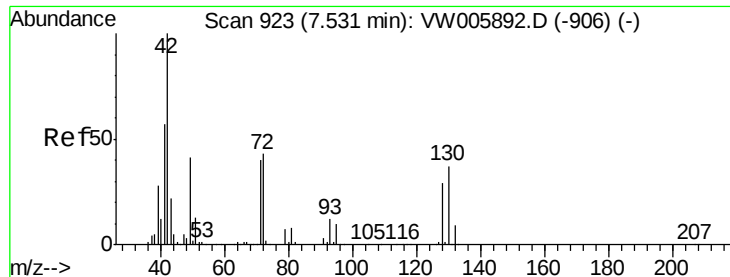
Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion:	49	Resp:	97232
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	83.3	66.9	100.3





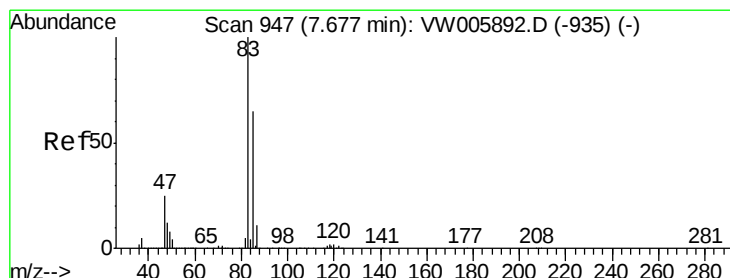
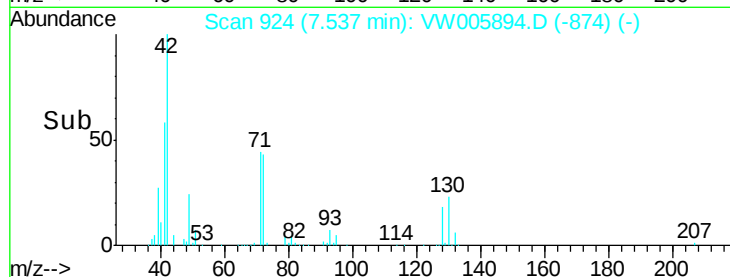
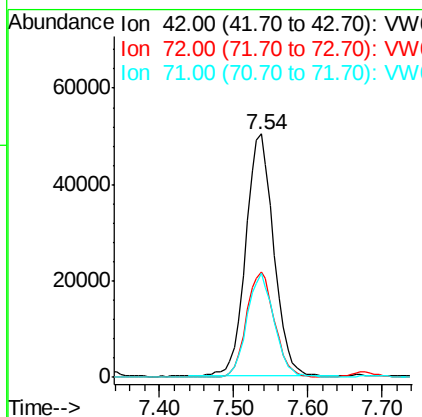
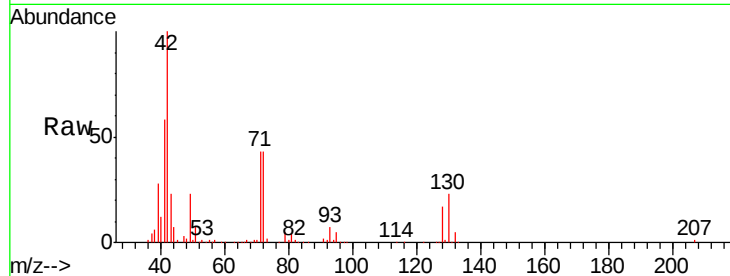
#29
Tetrahydrofuran
Concen: 225.54 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.6	51.8
71	41.8	32.6	49.0

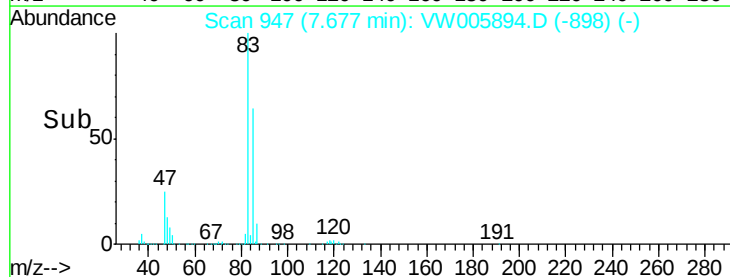
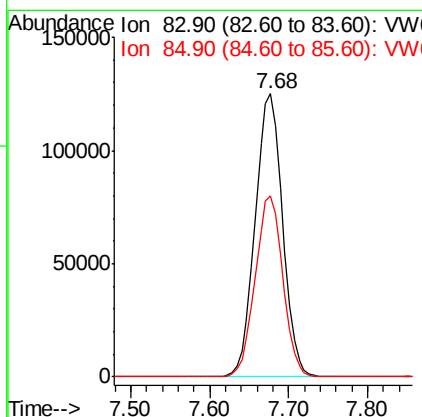
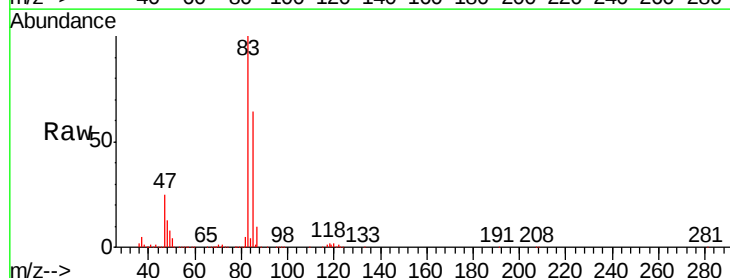
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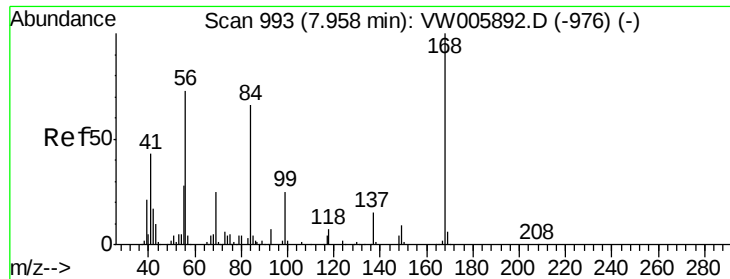
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#30
Chloroform
Concen: 50.70 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4





#31

Cyclohexane

Concen: 48.31 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

Tgt Ion: 56 Resp: 277026
Ion Ratio Lower Upper

56 100

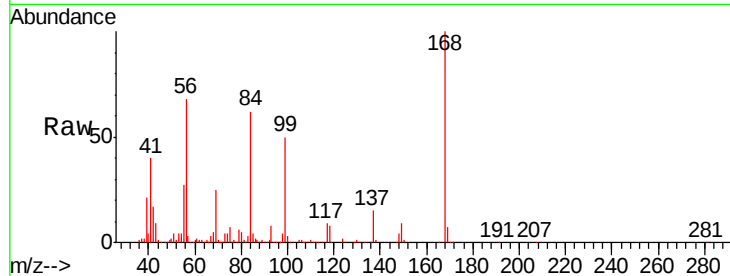
69 36.0 27.9 41.9

84 89.0 72.3 108.5

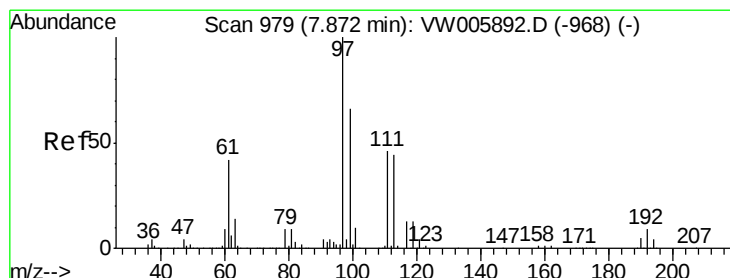
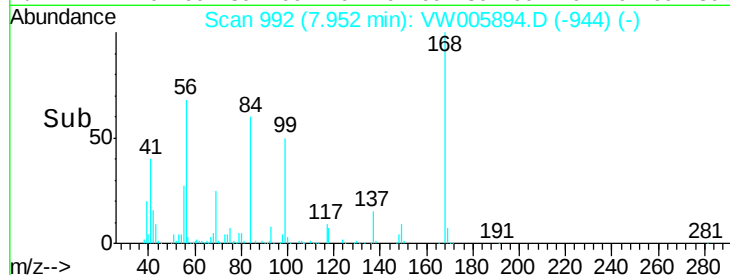
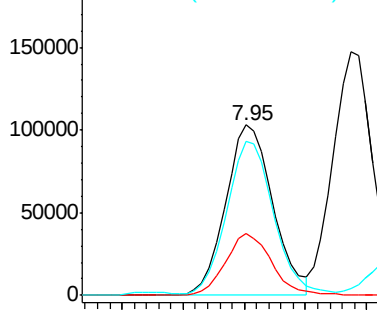
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 51.03 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW005894.D

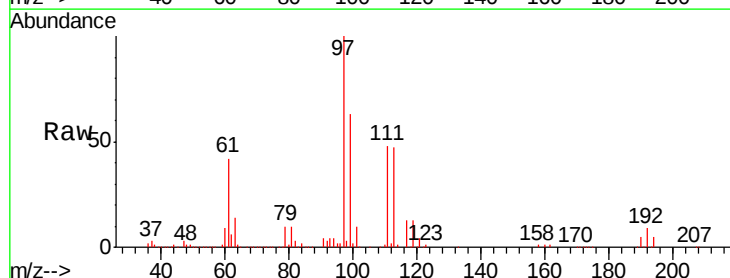
Acq: 08 Oct 2018 14:09

Tgt Ion: 97 Resp: 270473
Ion Ratio Lower Upper

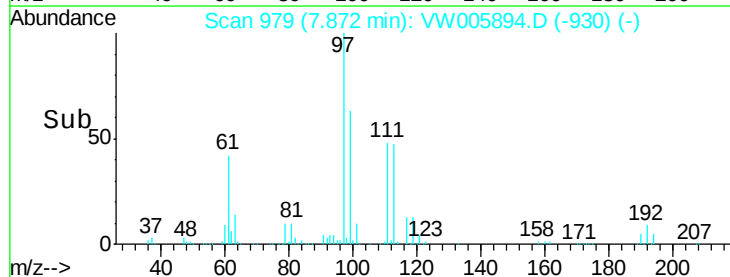
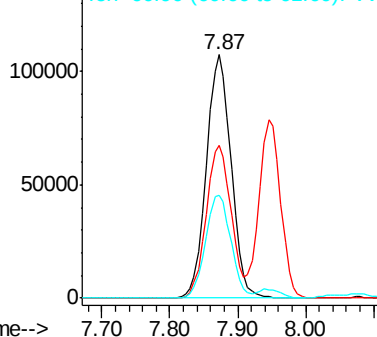
97 100

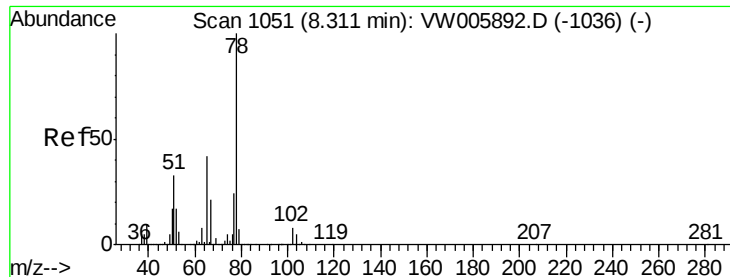
99 63.1 51.6 77.4

61 43.5 34.5 51.7



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





#33

1,2-Dichloroethane-d4

Concen: 48.49 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampled :

ICVW100818

Tgt Ion: 65 Resp: 158808

Ion Ratio Lower Upper

65 100

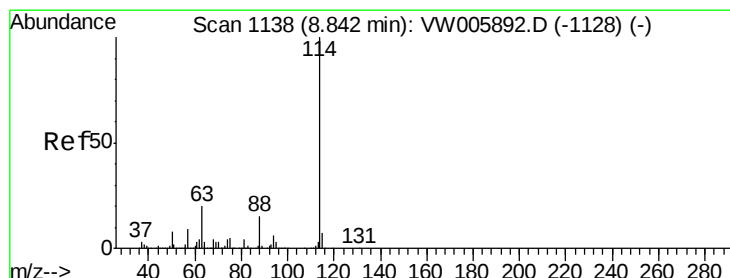
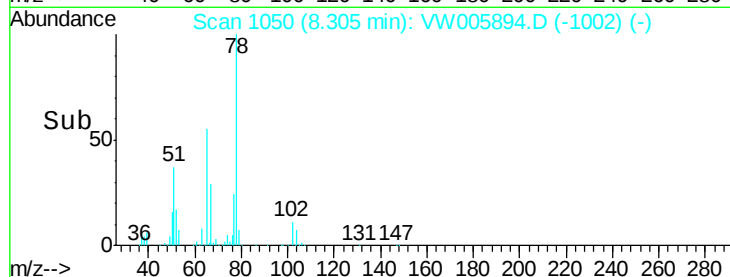
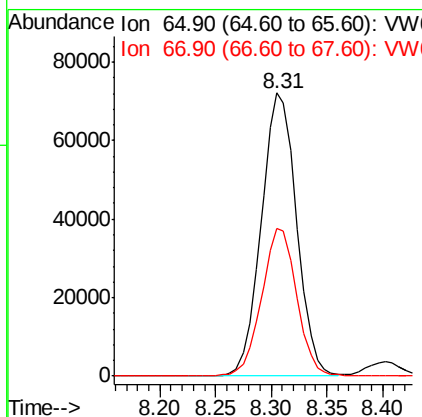
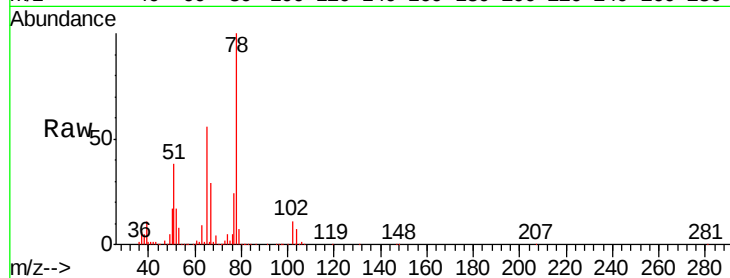
67 51.7 0.0 104.6

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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: VW005894.D

Acq: 08 Oct 2018 14:09

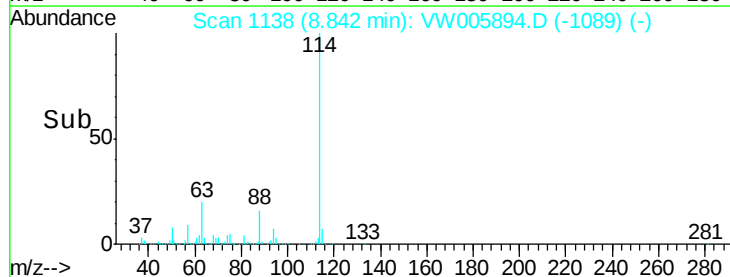
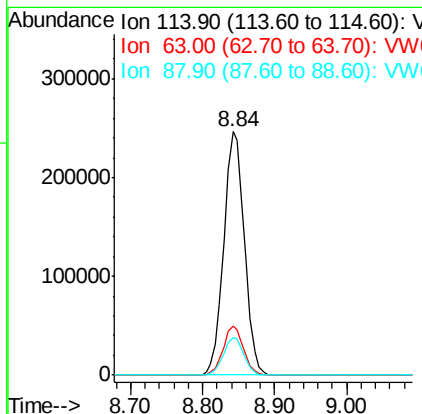
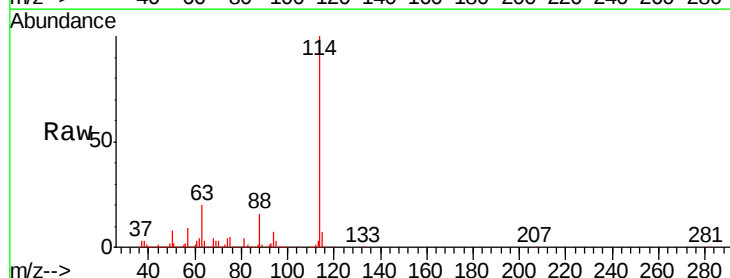
Tgt Ion: 114 Resp: 490936

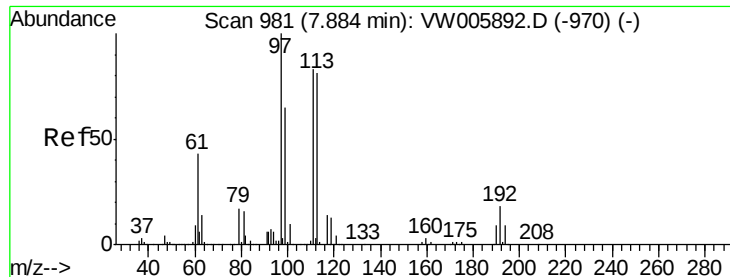
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 15.6 0.0 30.8





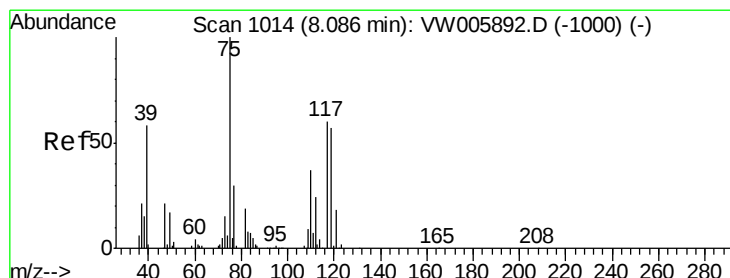
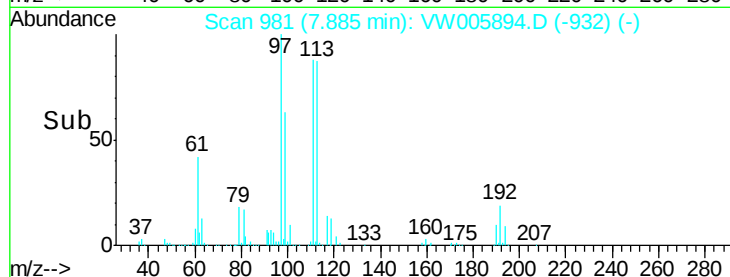
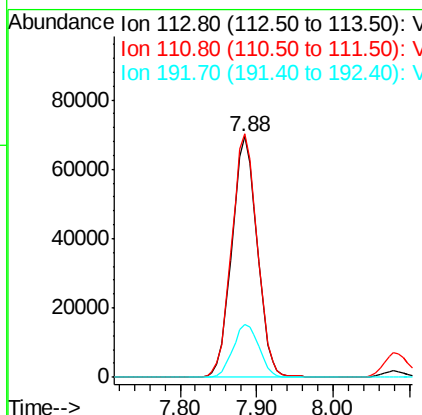
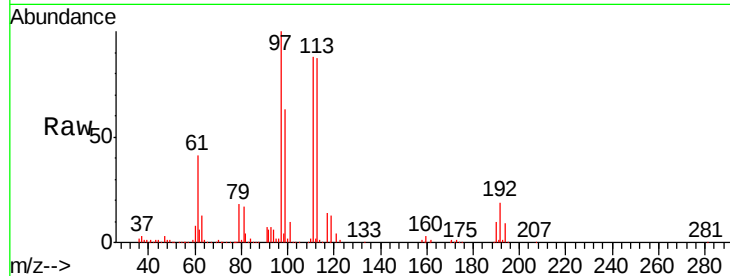
#35
 Dibromofluoromethane
 Concen: 50.85 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	159371		
111	102.2	82.0	123.0	
192	22.6	18.3	27.5	

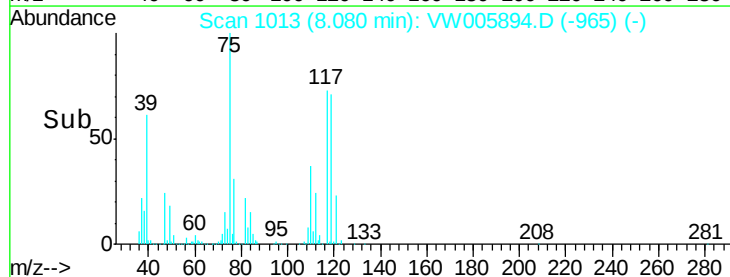
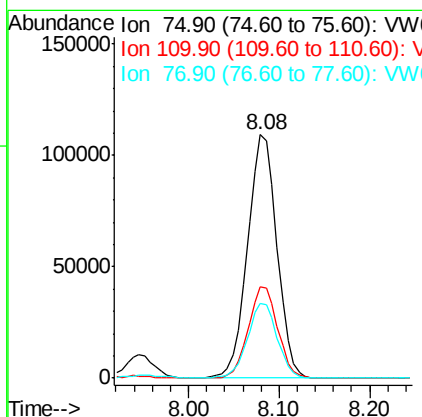
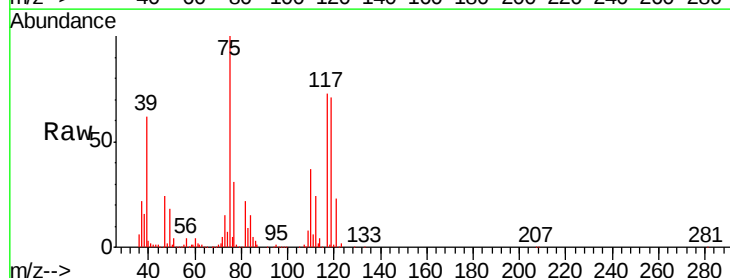
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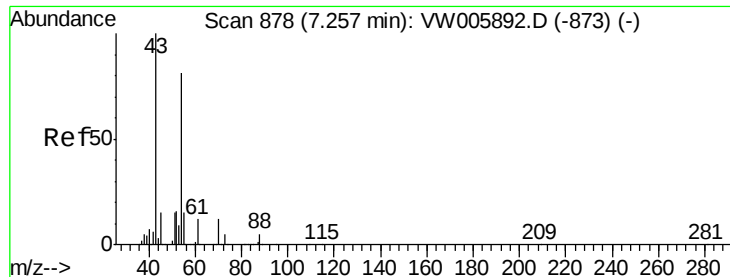
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#36
 1,1-Dichloropropene
 Concen: 52.15 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	245328		
110	37.3	18.6	56.0	
77	30.9	24.7	37.1	





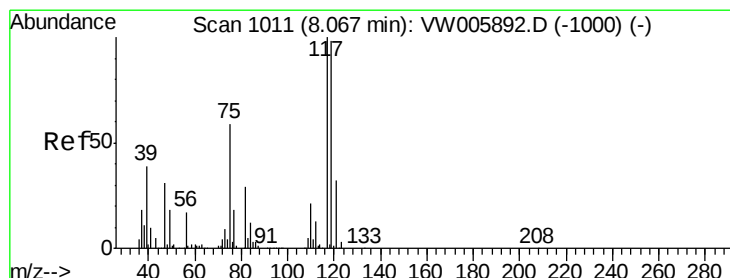
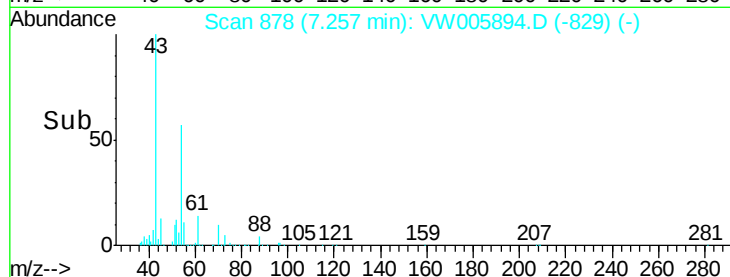
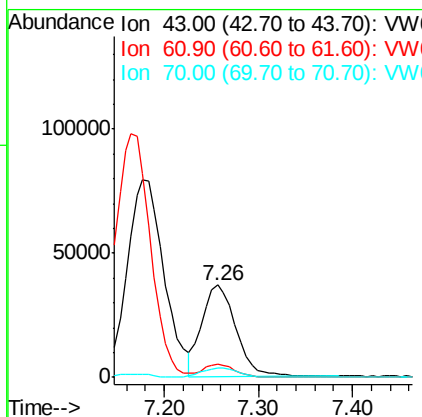
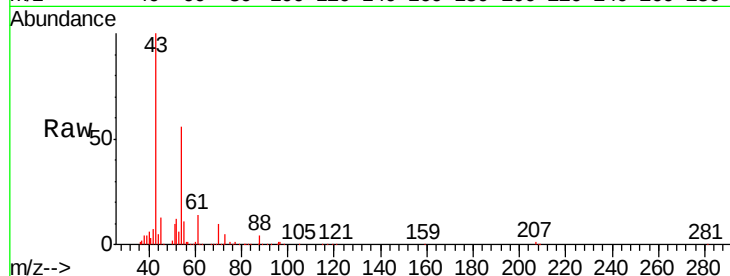
#37
Ethyl Acetate
Concen: 46.02 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampled :
ICVWV100818

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	10.9	8.6	13.0

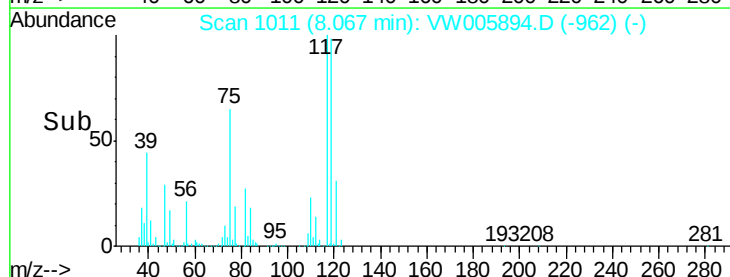
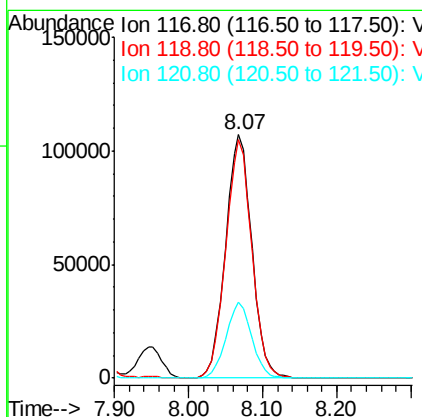
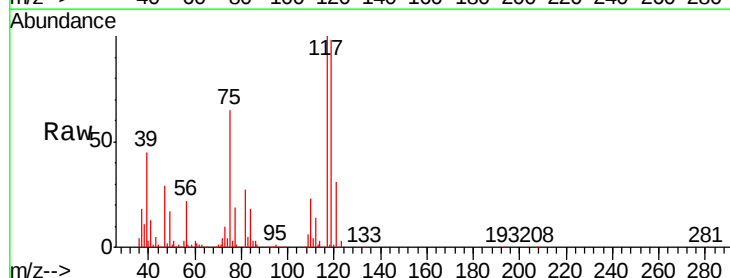
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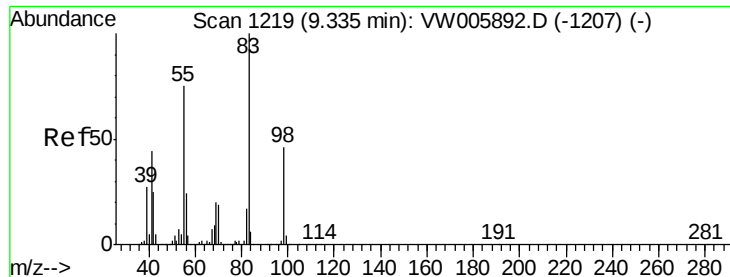
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#38
Carbon Tetrachloride
Concen: 52.24 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.6	117.8
121	31.2	25.3	37.9





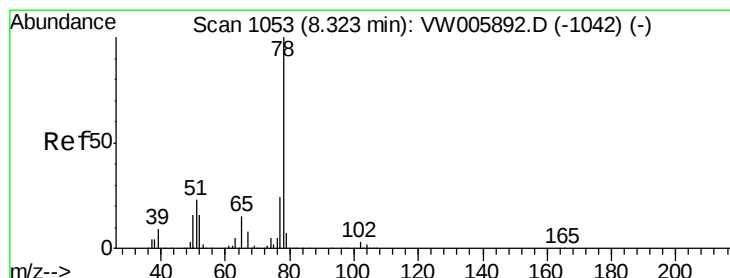
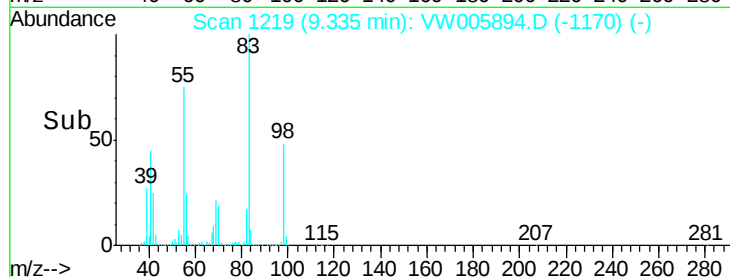
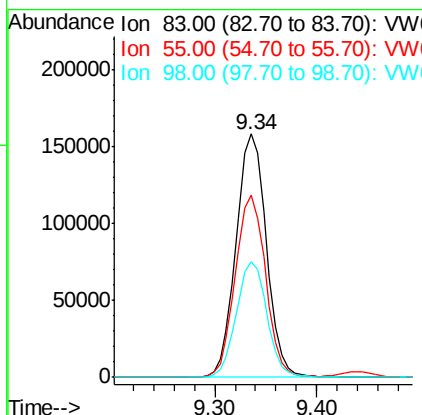
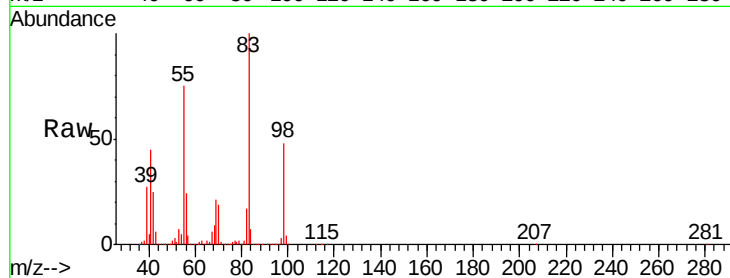
#39
Methylcyclohexane
Concen: 52.66 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.8	89.6
98	47.5	37.1	55.7

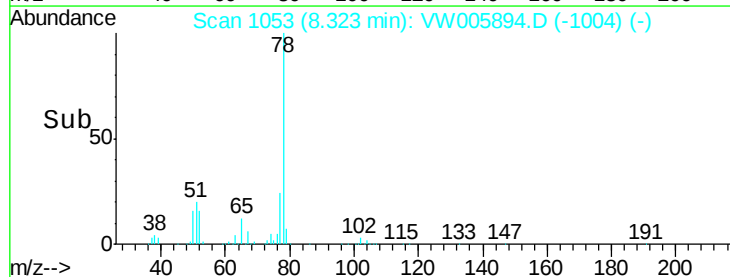
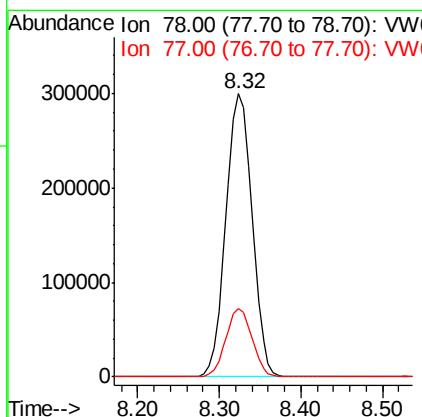
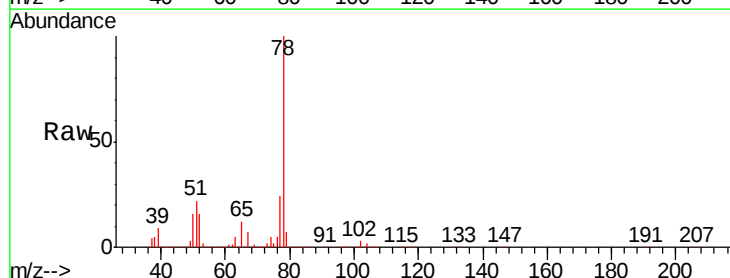
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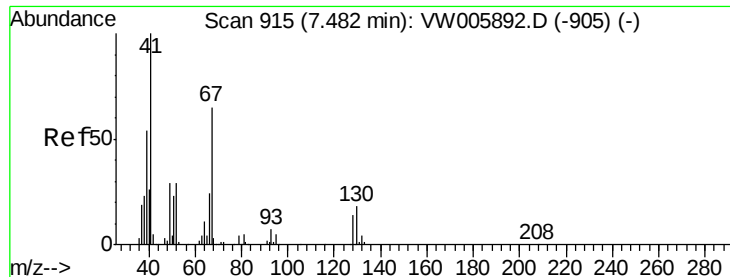
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#40
Benzene
Concen: 51.62 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





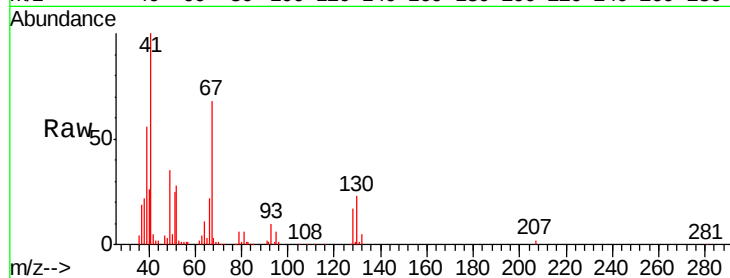
#41
Methacrylonitrile
Concen: 45.97 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

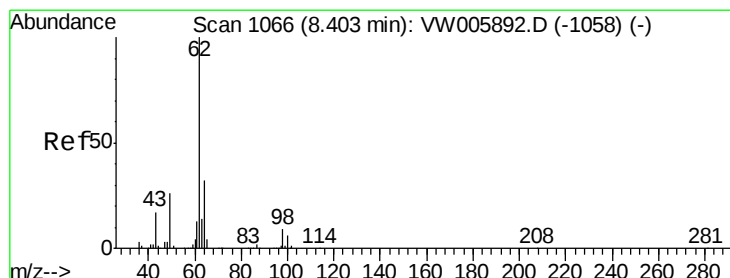
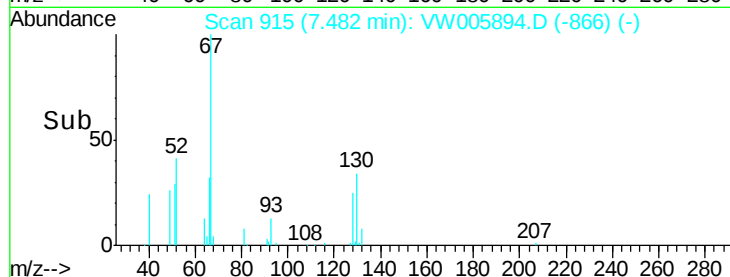
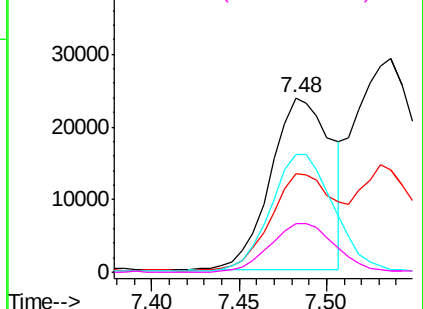
Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.9	45.0	67.4
67	70.8	55.8	83.8
52	30.8	25.3	37.9

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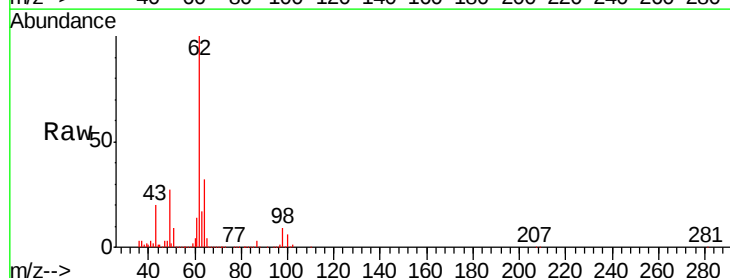


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

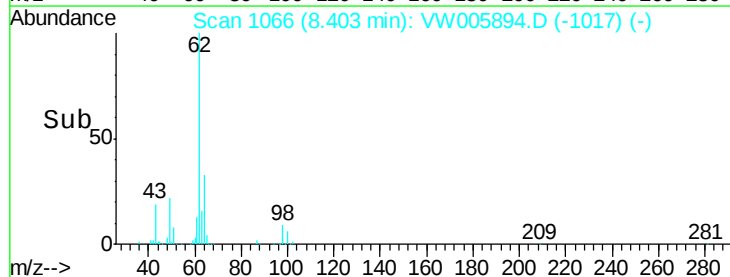
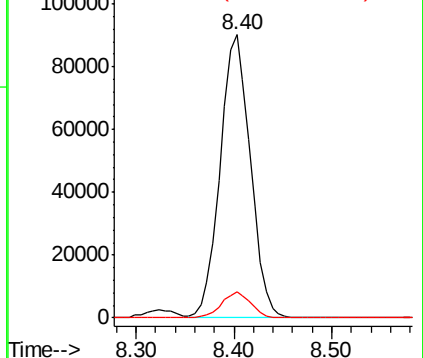


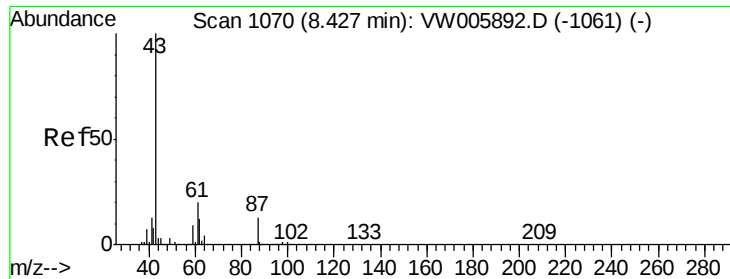
#42
1,2-Dichloroethane
Concen: 49.57 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 48.13 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

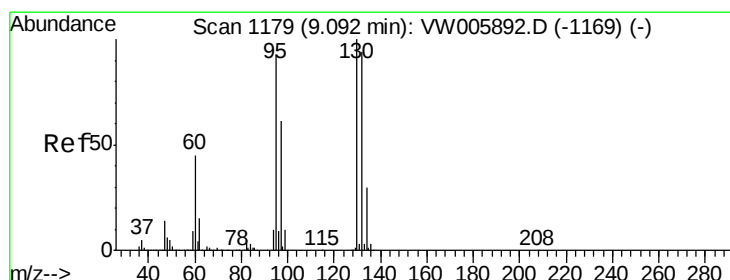
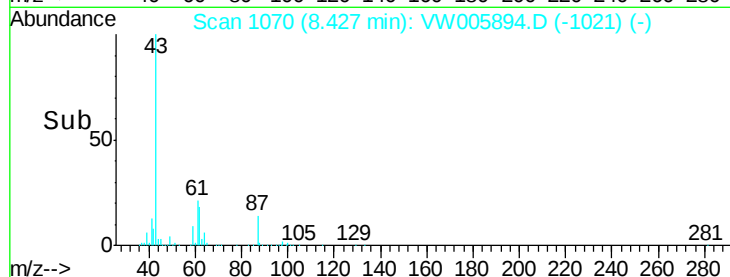
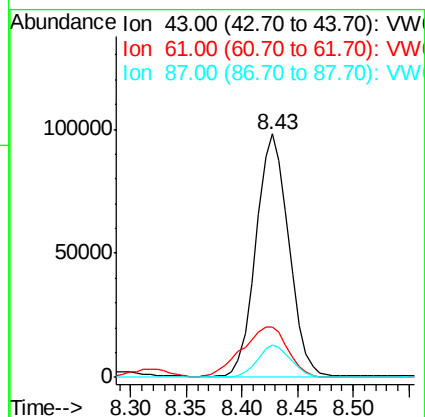
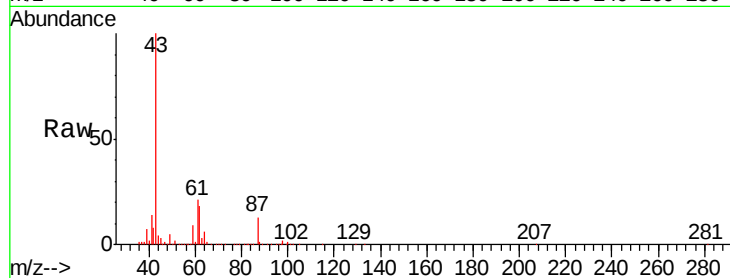
ClientSampleId :

ICVWV100818

Tgt Ion:	43	Resp:	200270
Ion Ratio		Lower	Upper
43	100		
61	29.4	23.1	34.7
87	13.5	10.7	16.1

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#44

Trichloroethene

Concen: 52.86 ug/l

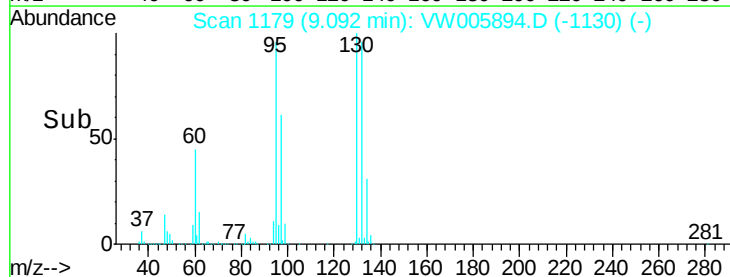
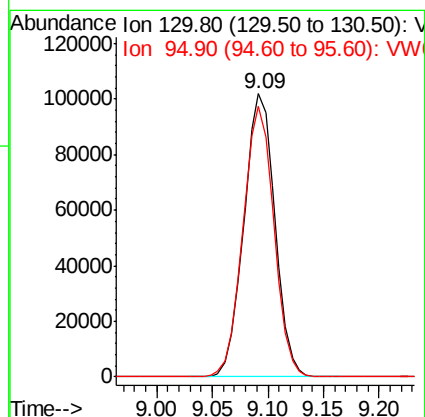
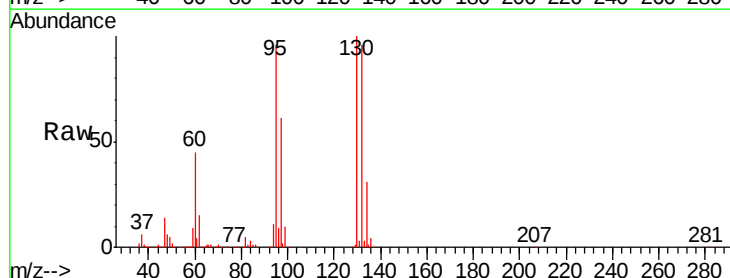
RT: 9.09 min Scan# 1179

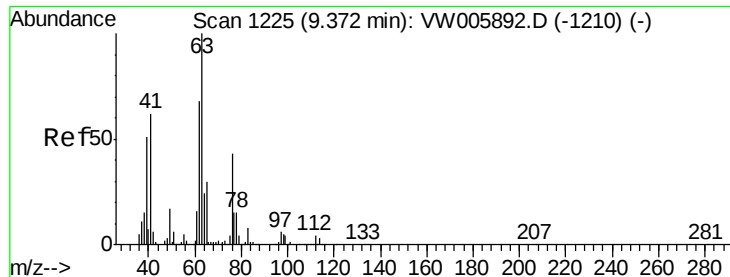
Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion:	130	Resp:	197463
Ion Ratio		Lower	Upper
130	100		
95	95.5	0.0	185.6





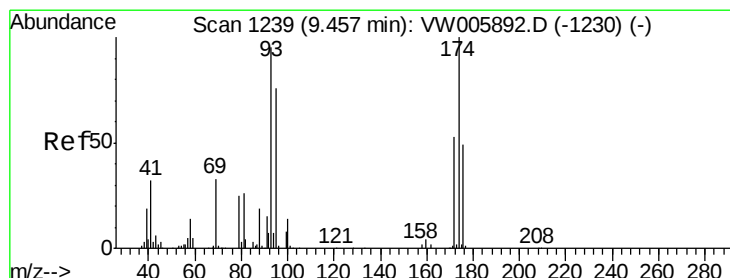
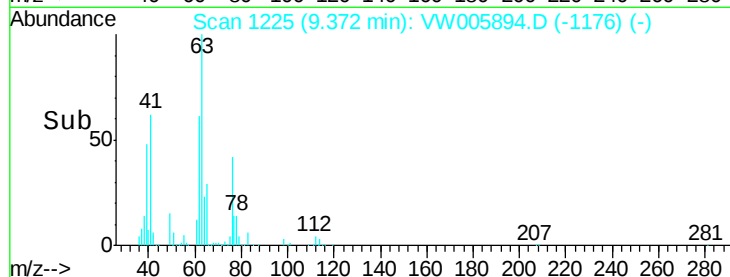
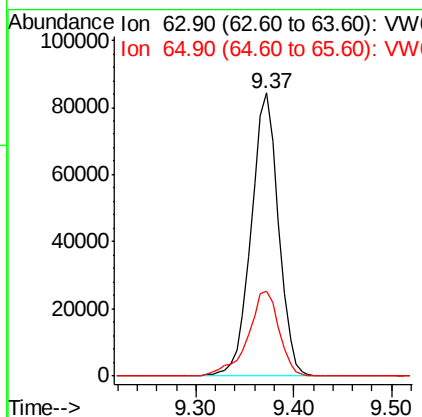
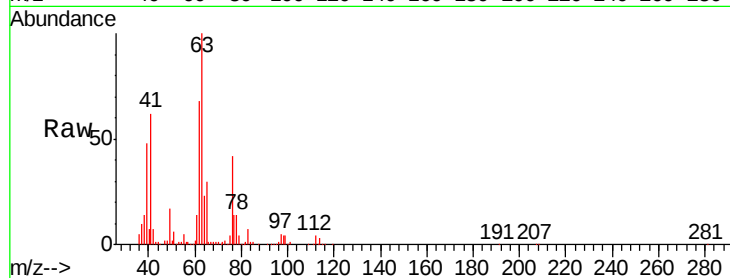
#45
 1,2-Dichloropropane
 Concen: 50.62 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.3	36.5

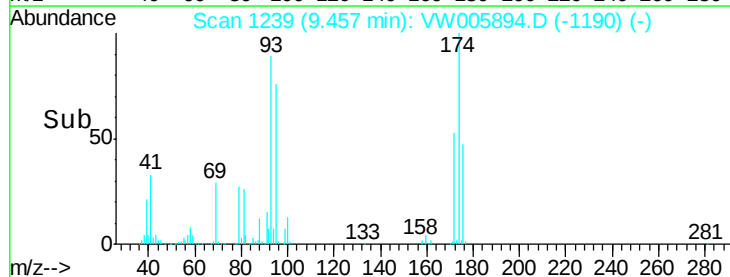
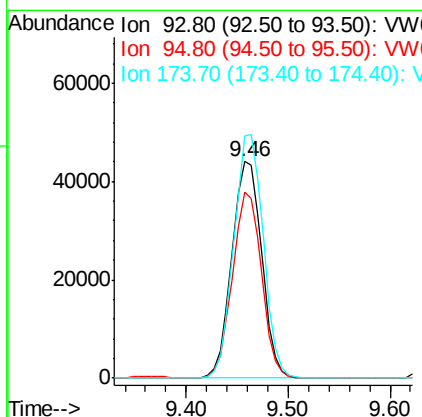
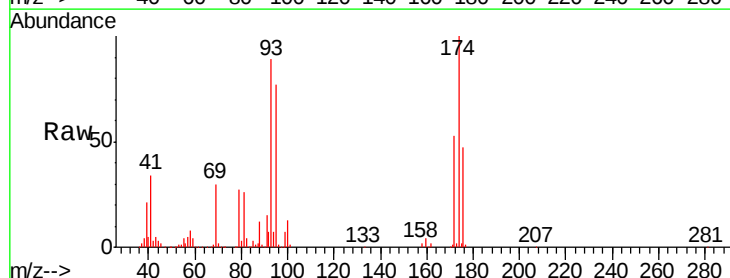
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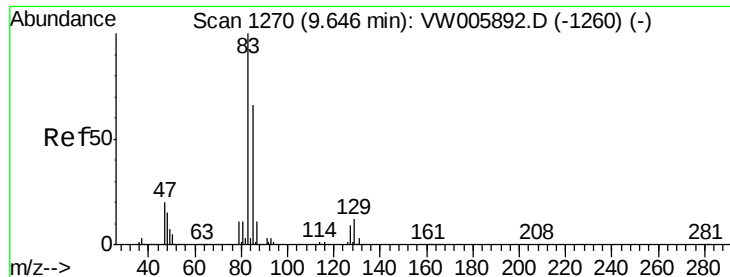
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#46
 Dibromomethane
 Concen: 50.28 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	99.8
174	111.2	90.4	135.6





#47

Bromodichloromethane

Concen: 50.19 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

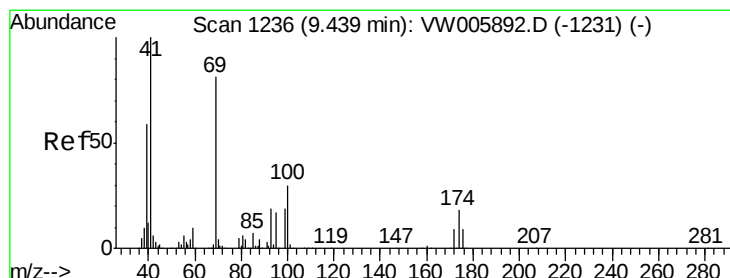
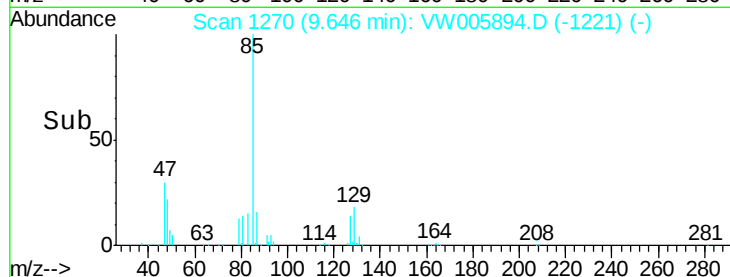
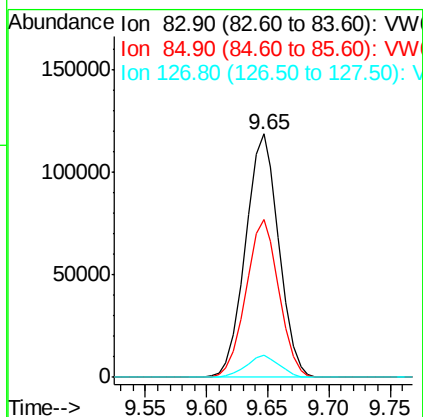
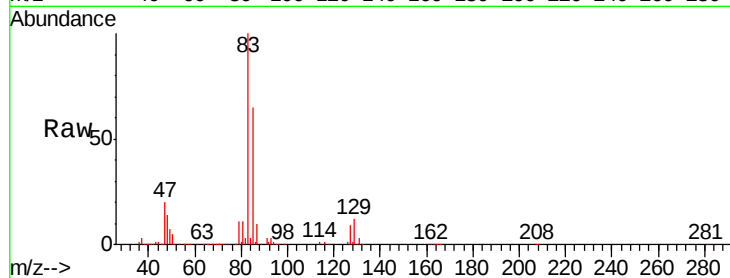
ClientSampleId :

ICVWV100818

Tgt Ion:	83	Resp:	223697
Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.0	79.6
127	9.2	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.29 ug/l

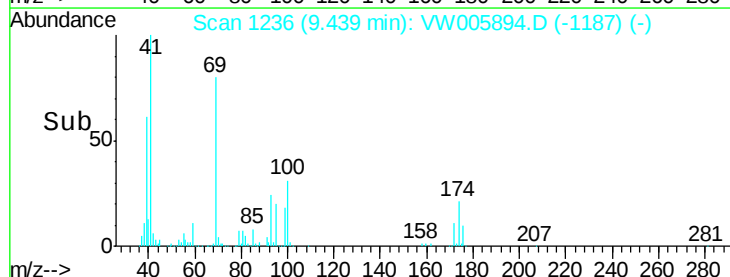
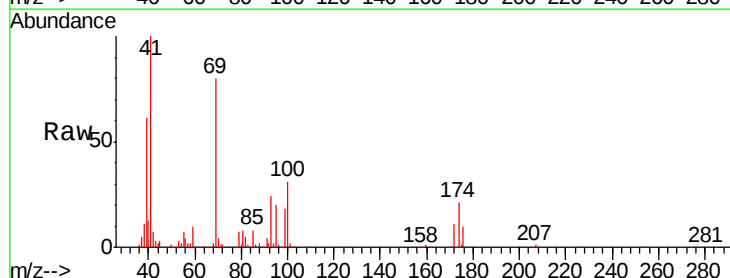
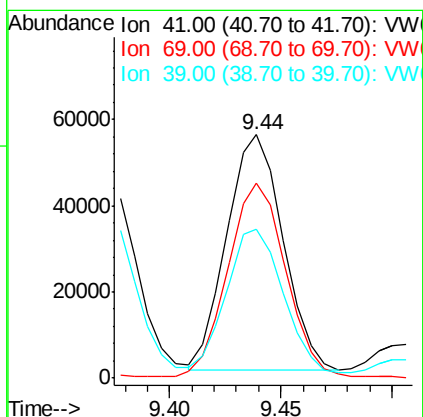
RT: 9.44 min Scan# 1236

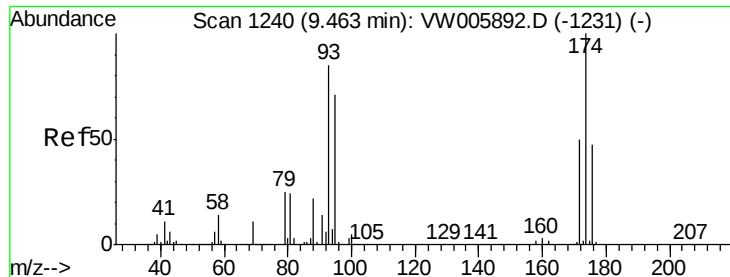
Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion:	41	Resp:	95734
Ion	Ratio	Lower	Upper
41	100		
69	85.4	68.7	103.1
39	61.3	50.0	75.0





#49

1,4-Dioxane

Concen: 1013.06 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

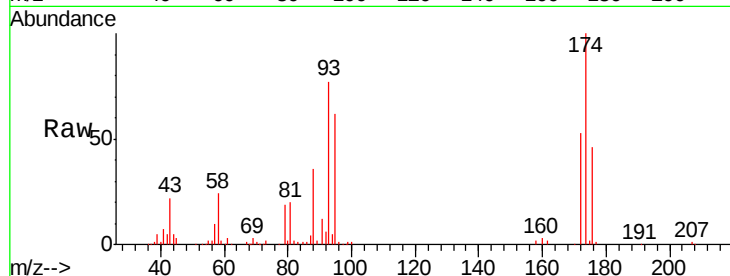
ClientSampleId :

ICVWV100818

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.9	57.7	86.5

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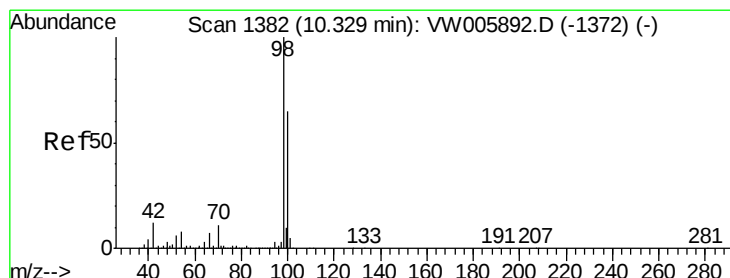
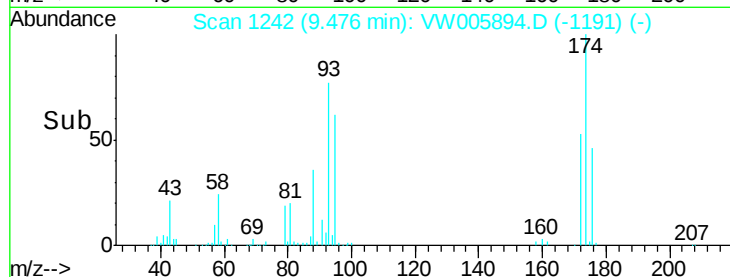
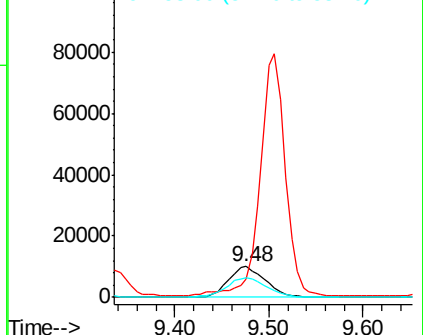
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Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.84 ug/l

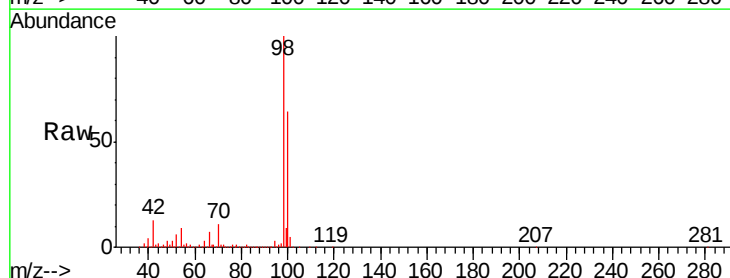
RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005894.D

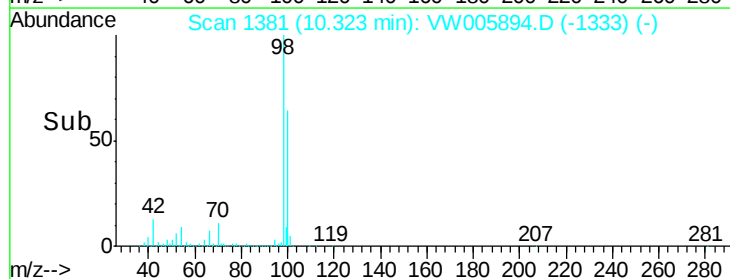
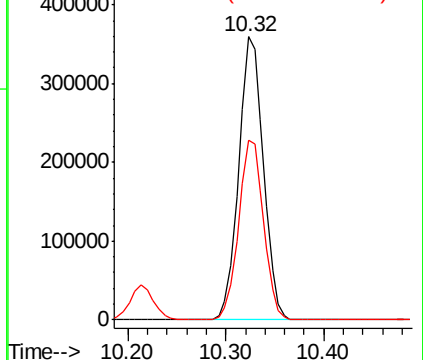
Acq: 08 Oct 2018 14:09

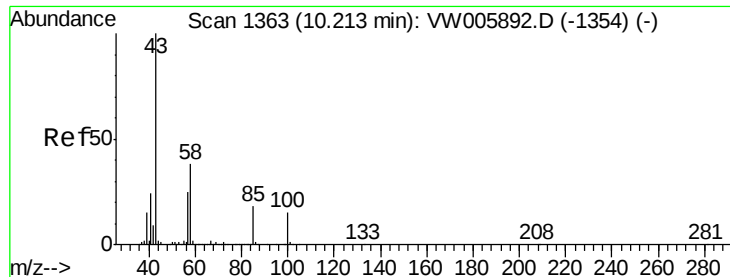
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 240.42 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVW100818

Tgt Ion: 43 Resp: 487181
Ion Ratio Lower Upper

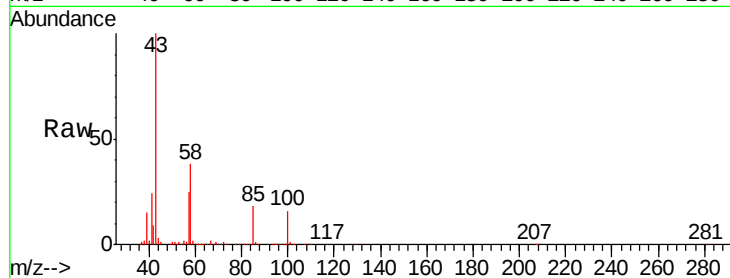
43 100

58 37.8 30.2 45.4

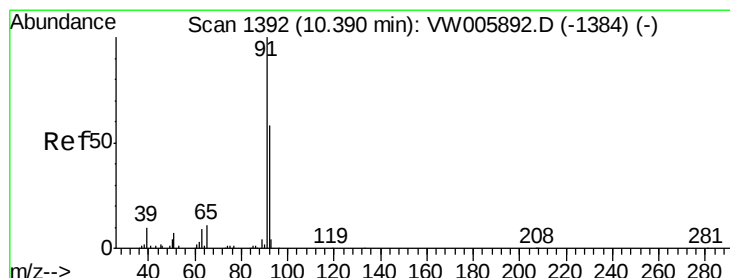
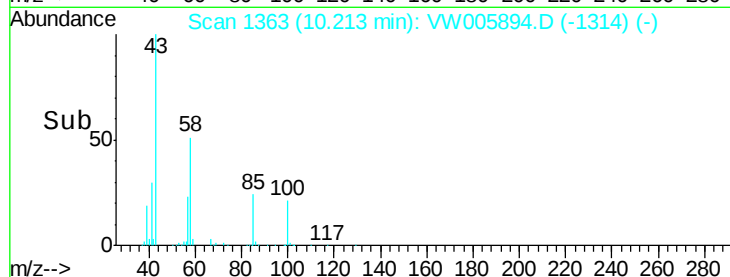
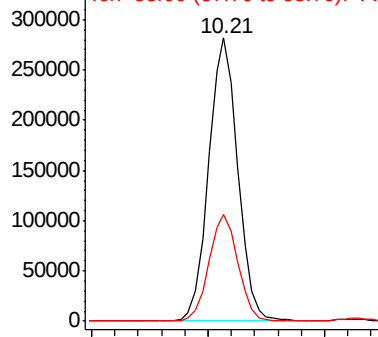
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Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.64 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

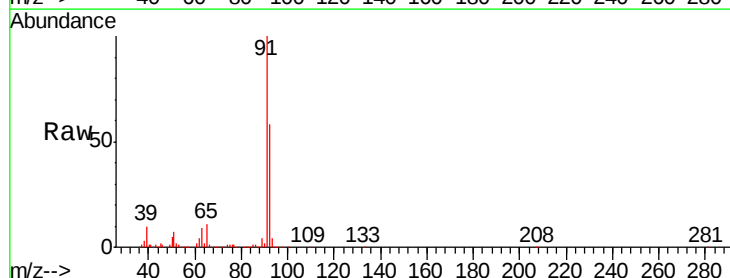
Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

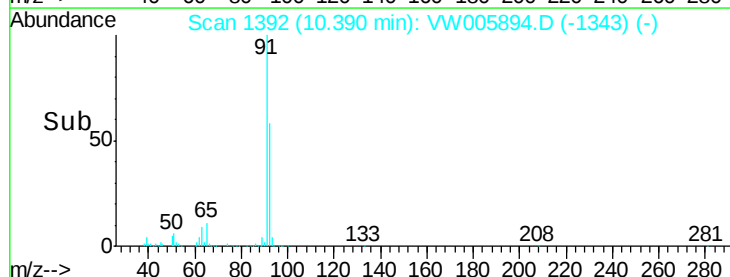
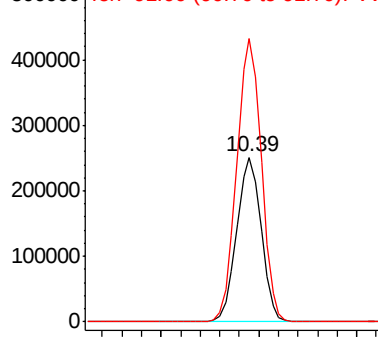
Tgt Ion: 92 Resp: 436750
Ion Ratio Lower Upper

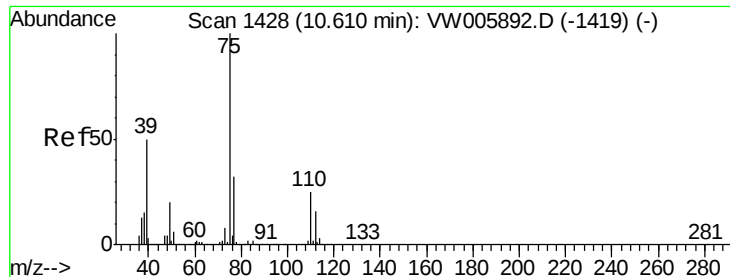
92 100

91 173.1 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VW
Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 51.01 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVW100818

Tgt Ion: 75 Resp: 237600

Ion Ratio Lower Upper

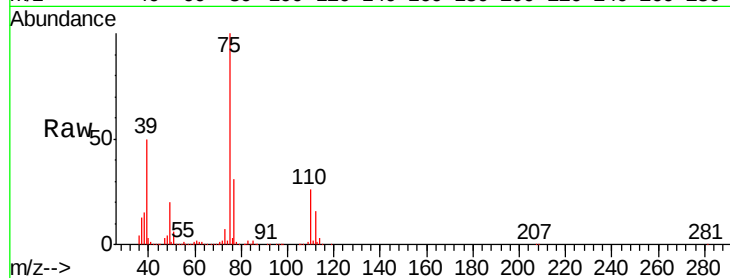
75 100

77 30.7 25.4 38.2

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

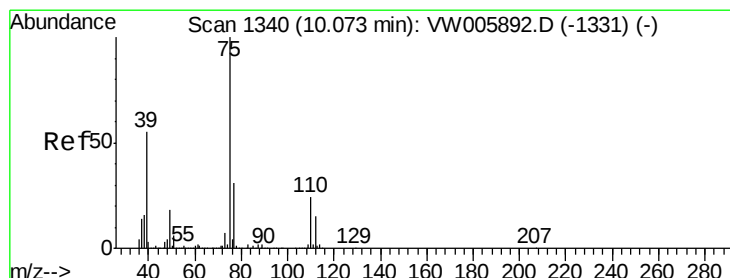
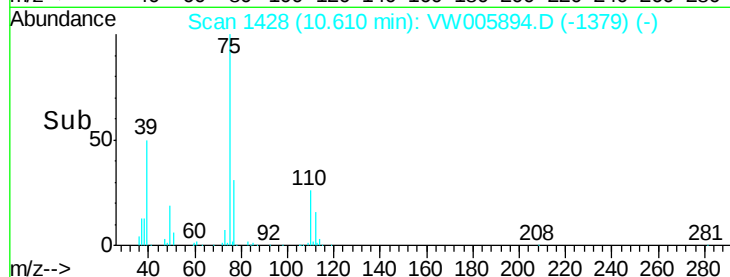
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.80 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

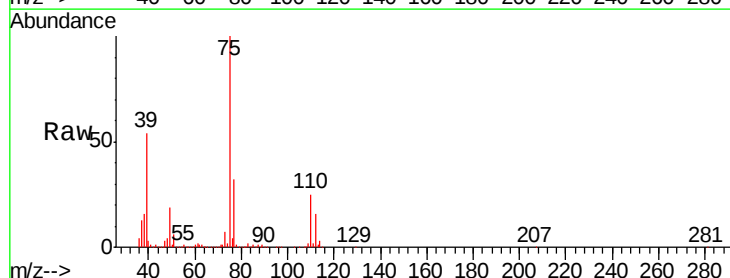
Tgt Ion: 75 Resp: 266005

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 54.1 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

200000

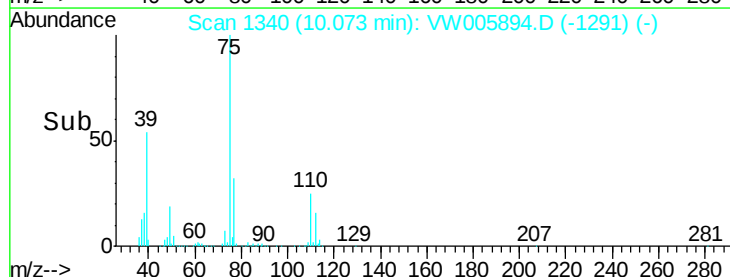
150000

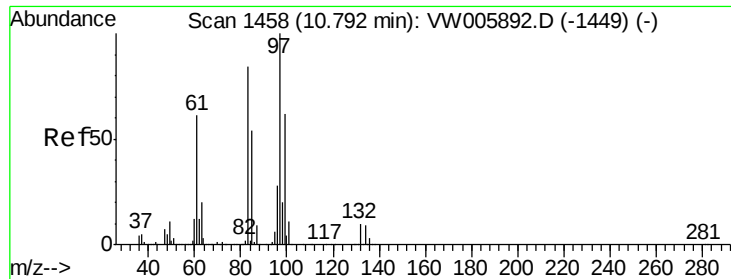
100000

50000

0

Time--> 10.00 10.10





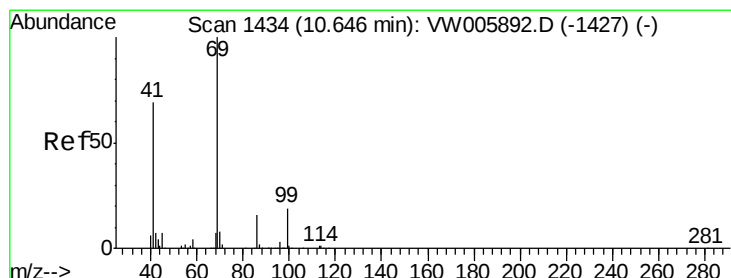
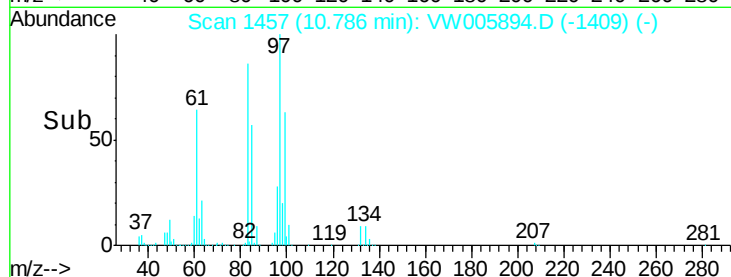
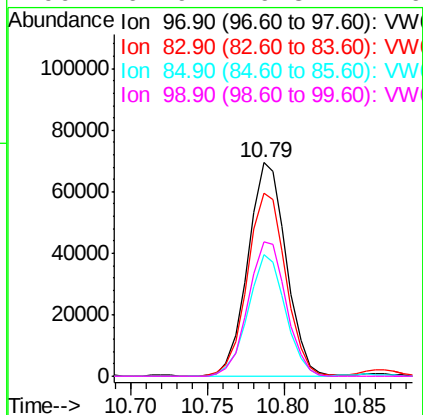
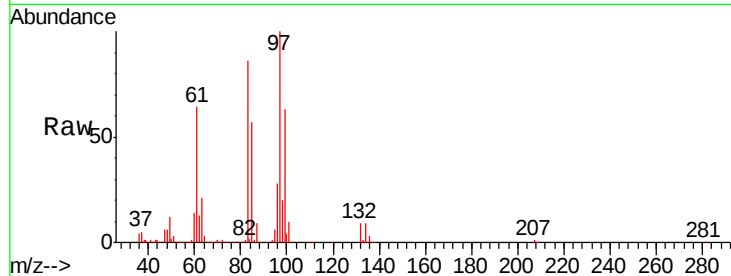
#55
 1,1,2-Trichloroethane
 Concen: 49.10 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	120462		
83	85.7	66.9	100.3	
85	57.0	43.4	65.0	
99	62.9	49.8	74.6	

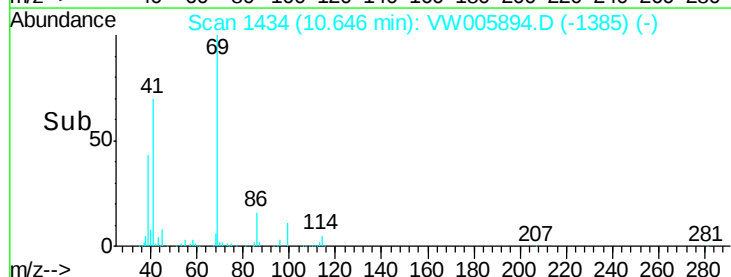
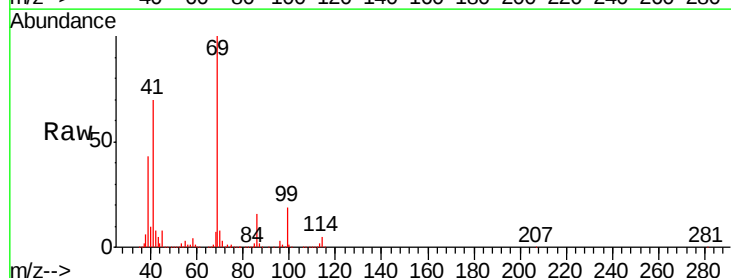
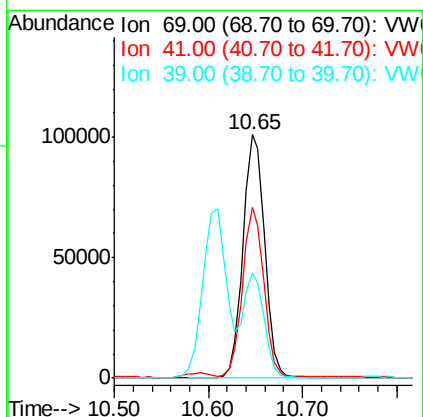
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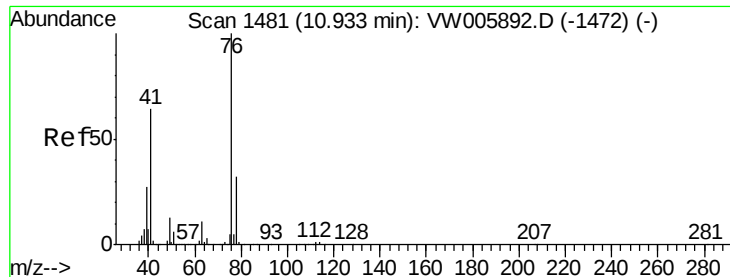
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#56
 Ethyl methacrylate
 Concen: 49.04 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	162142		
41	68.4	56.0	84.0	
39	41.4	33.5	50.3	





#57

1,3-Dichloropropane

Concen: 50.20 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampled :

ICVW100818

Tgt Ion: 76 Resp: 207206

Ion Ratio Lower Upper

76 100

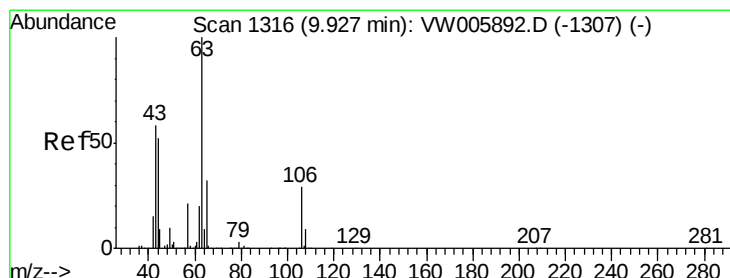
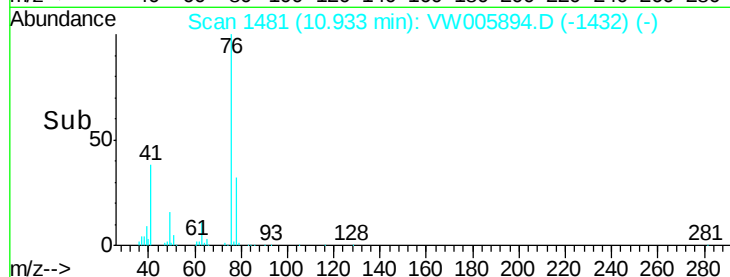
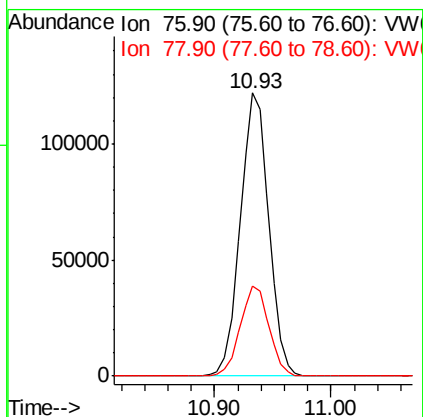
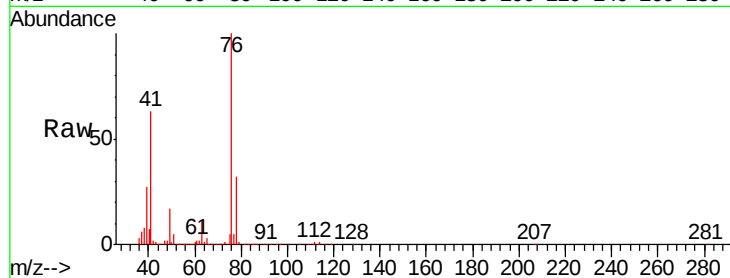
78 32.3 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 222.97 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW005894.D

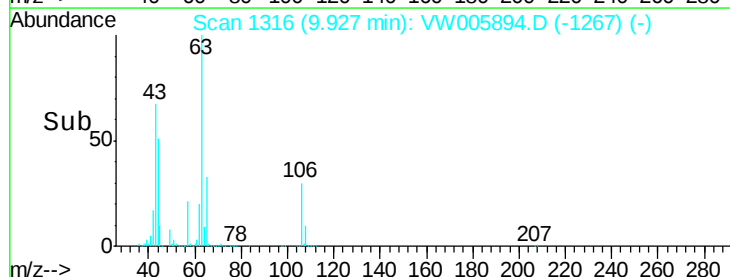
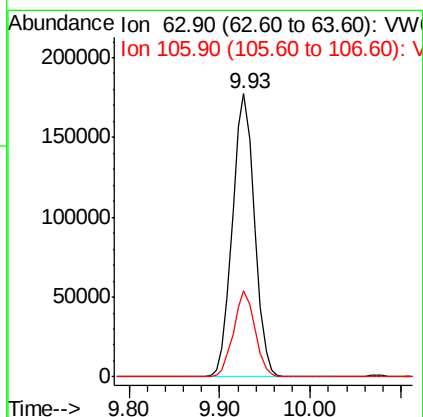
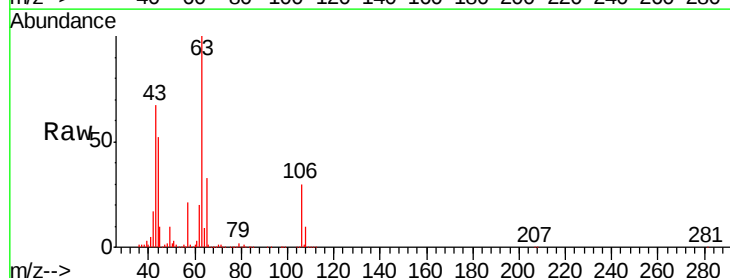
Acq: 08 Oct 2018 14:09

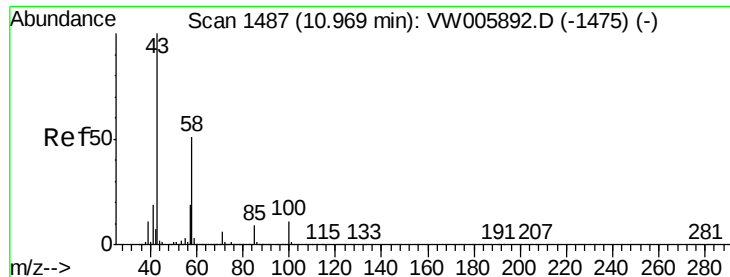
Tgt Ion: 63 Resp: 299984

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4





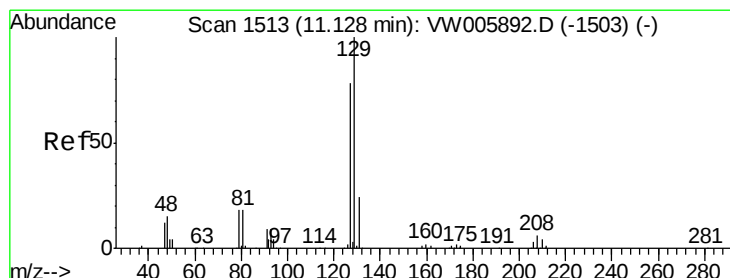
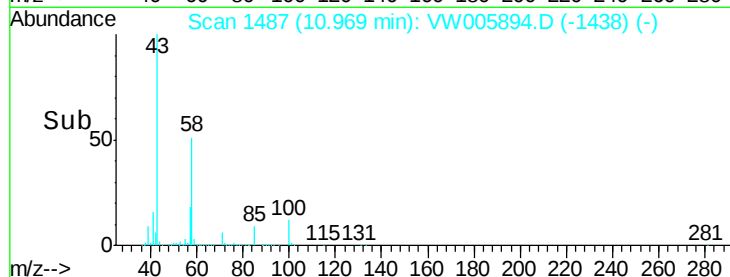
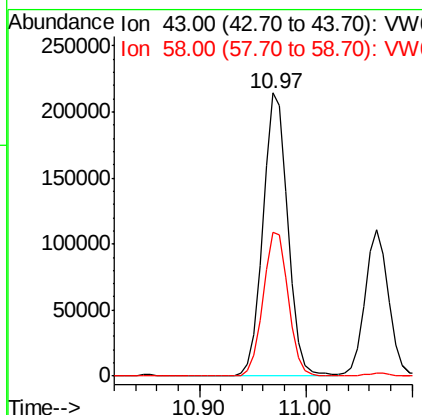
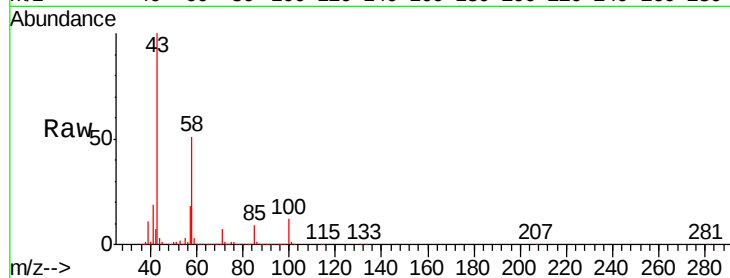
#59
2-Hexanone
Concen: 241.01 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVW100818

Tgt Ion: 43 Resp: 350169
Ion Ratio Lower Upper
43 100
58 51.6 25.7 77.1

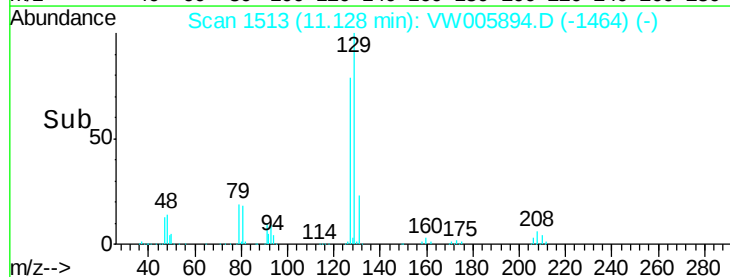
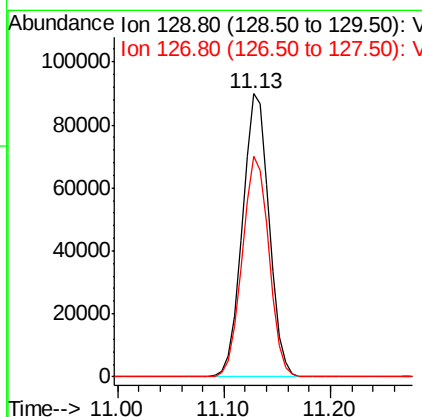
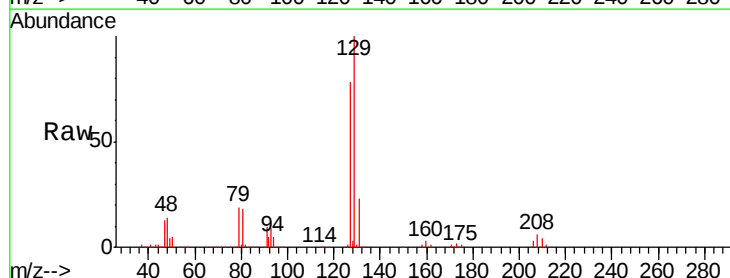
Manual Integrations
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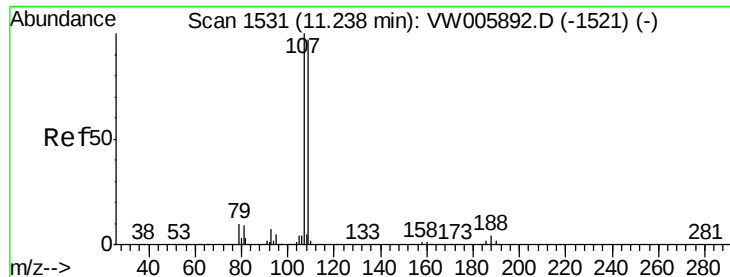
apatel
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#60
Dibromochloromethane
Concen: 49.94 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 129 Resp: 158099
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





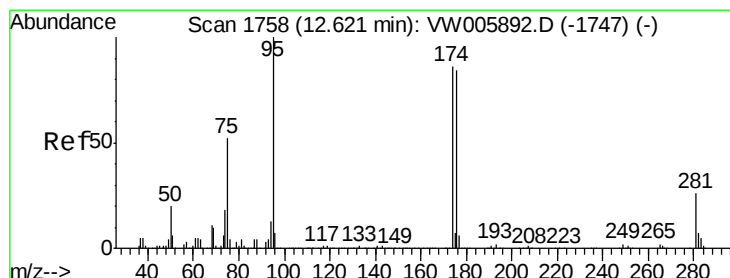
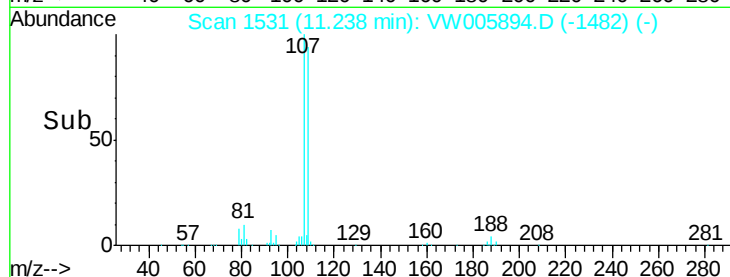
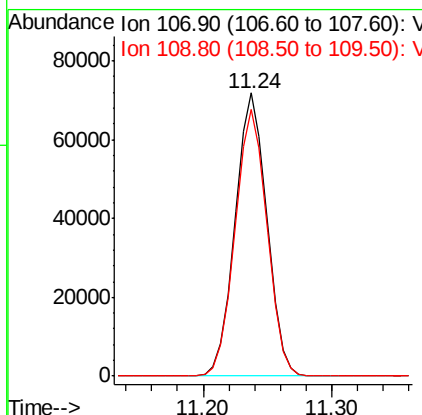
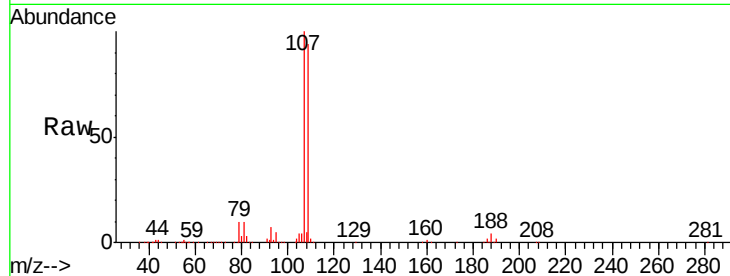
#61
 1,2-Dibromoethane
 Concen: 49.99 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	122550		
109	94.9	75.8	113.8	

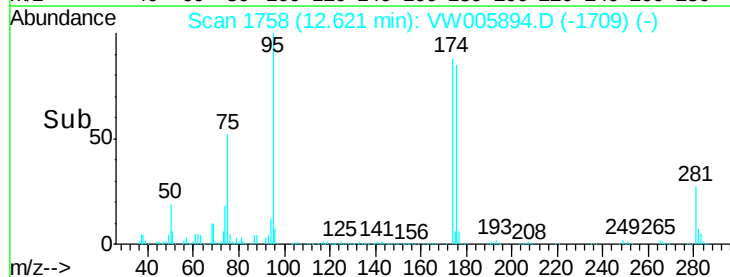
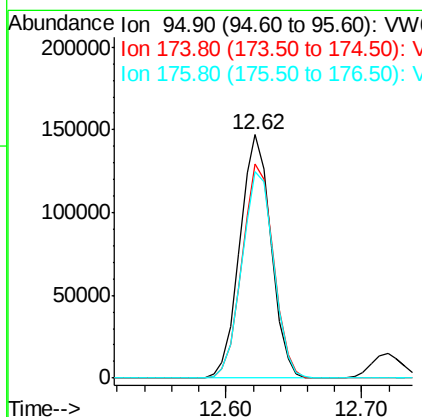
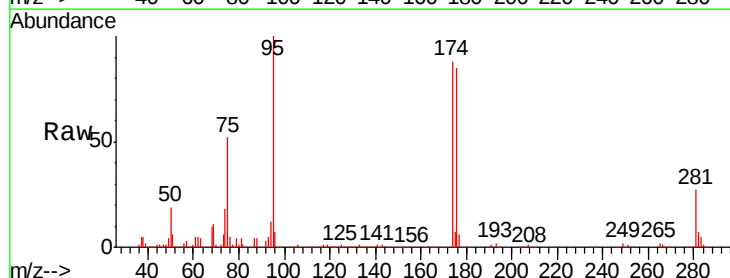
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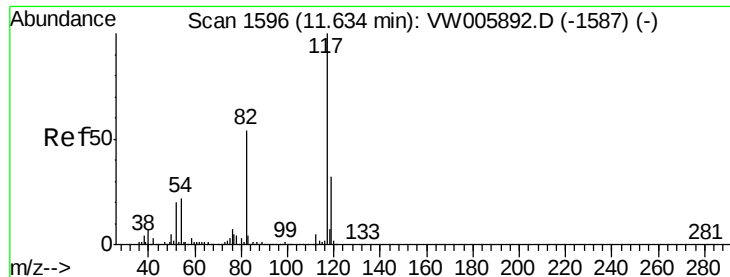
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.35 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	235606		
174	88.7	0.0	176.4	
176	86.8	0.0	173.0	





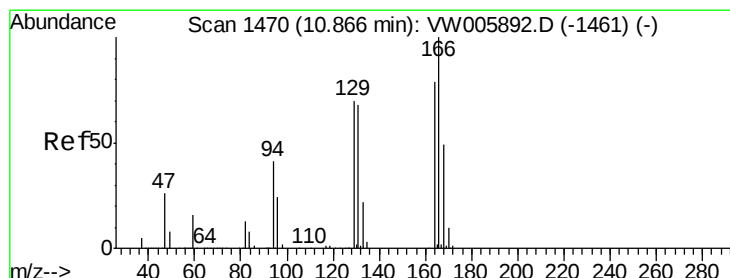
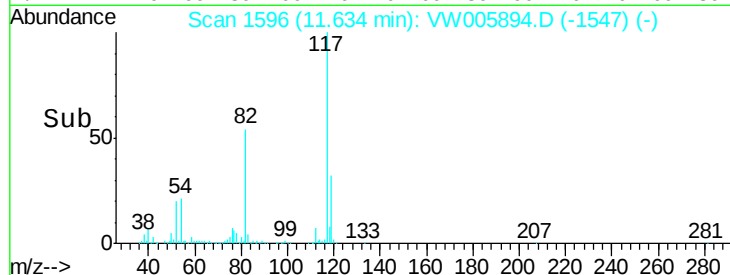
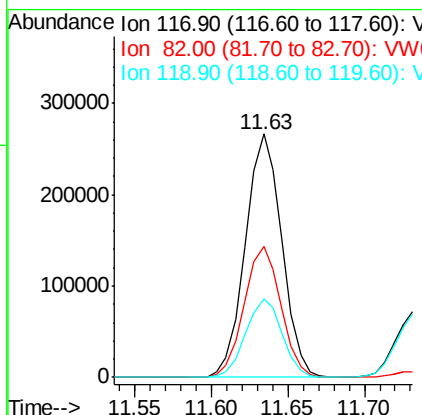
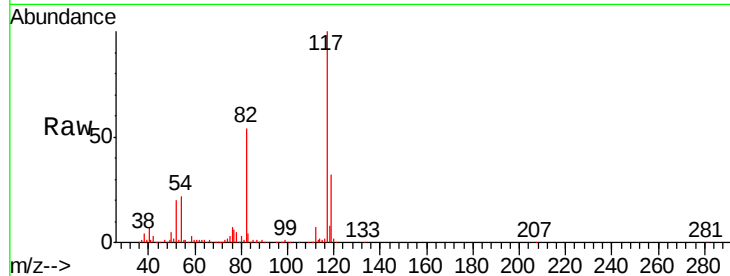
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	441710		
82	53.9	43.5	65.3	
119	32.4	25.4	38.2	

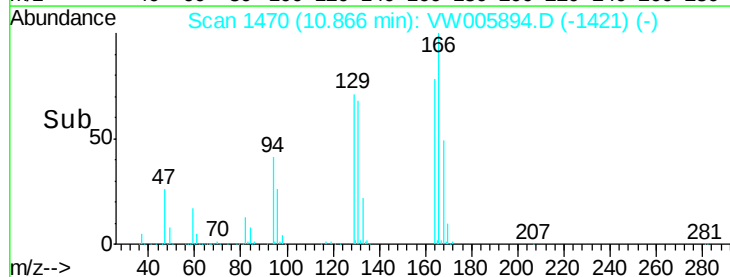
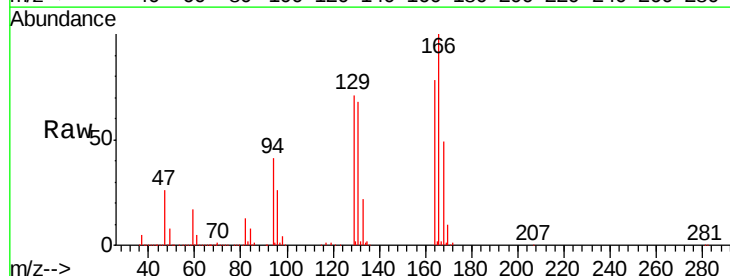
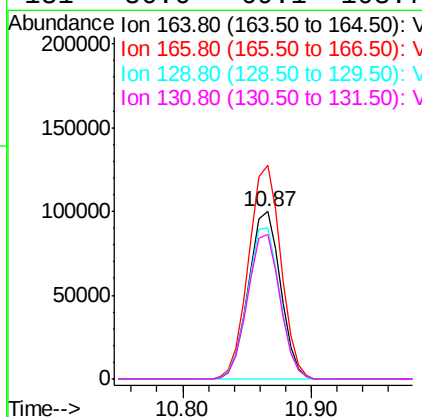
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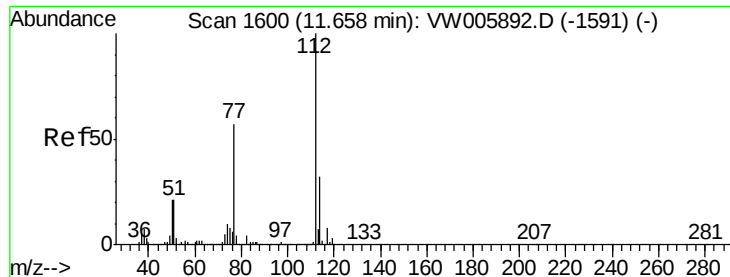
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#64
Tetrachloroethene
Concen: 52.05 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	171253		
166	127.7	101.5	152.3	
129	90.3	71.1	106.7	
131	86.6	69.1	103.7	





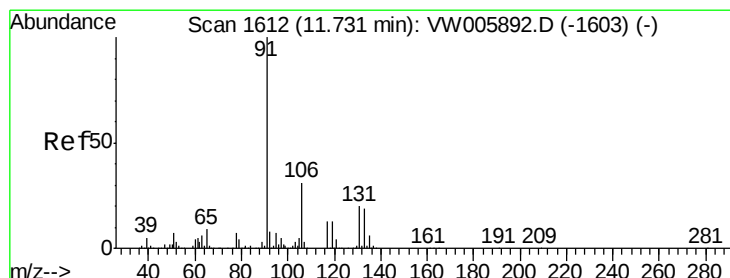
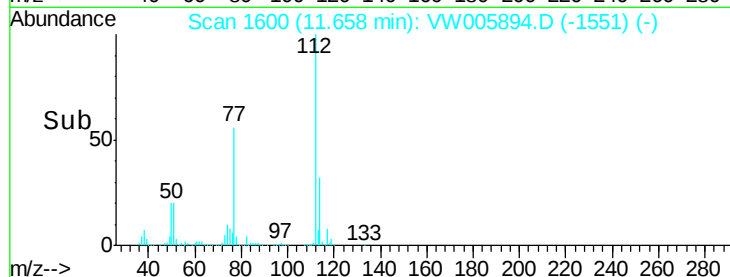
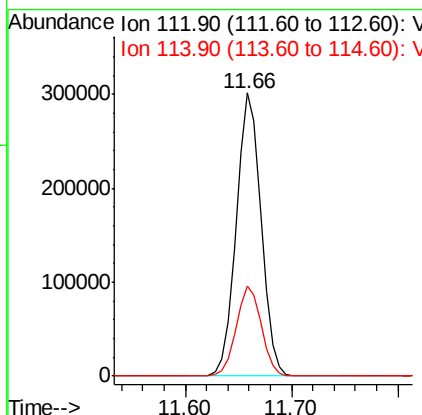
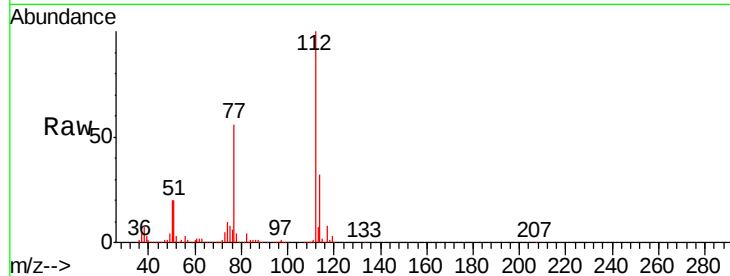
#65
Chlorobenzene
Concen: 52.09 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4

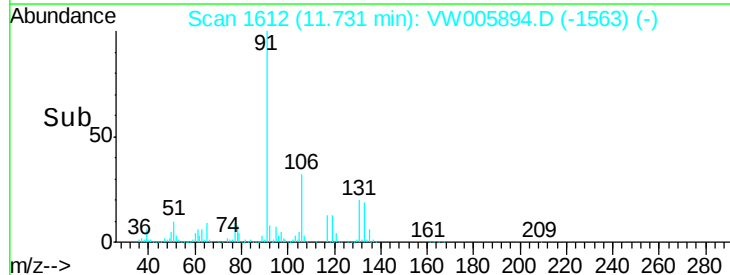
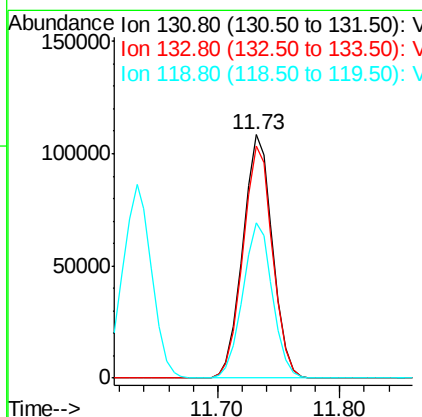
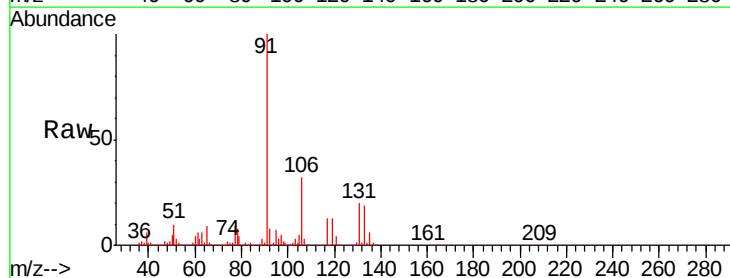
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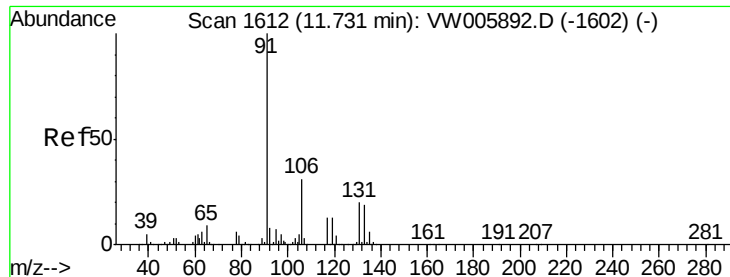
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.53 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.2	144.6
119	63.5	32.5	97.5





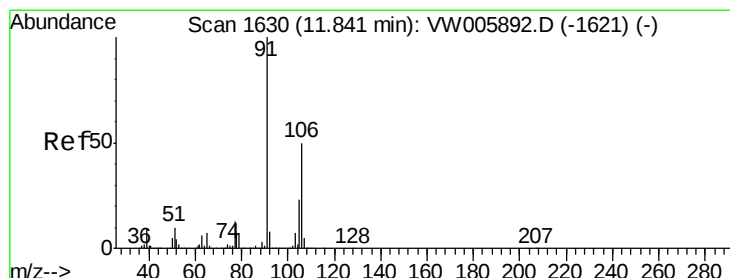
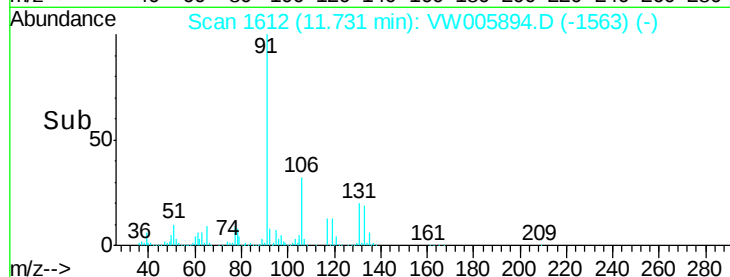
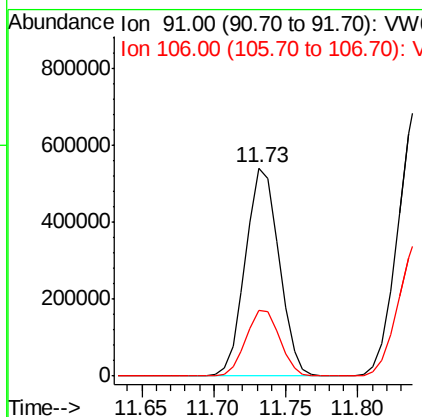
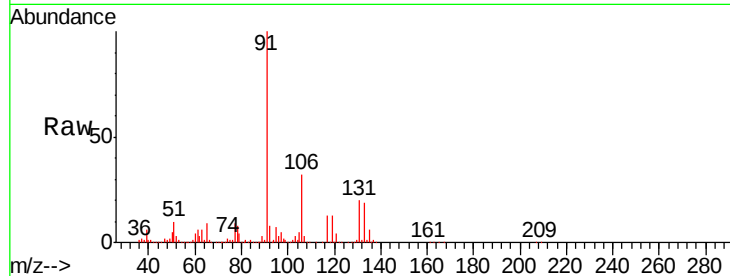
#67
Ethyl Benzene
Concen: 52.43 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion: 91 Resp: 876240
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

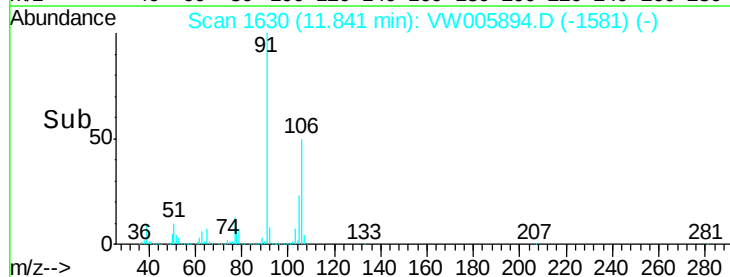
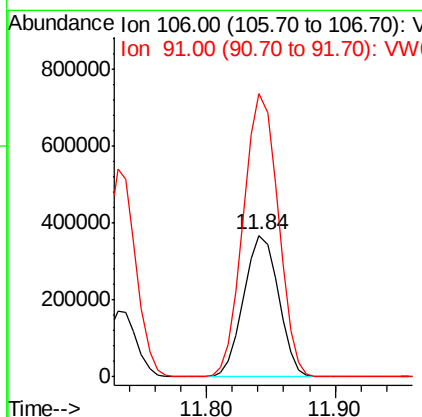
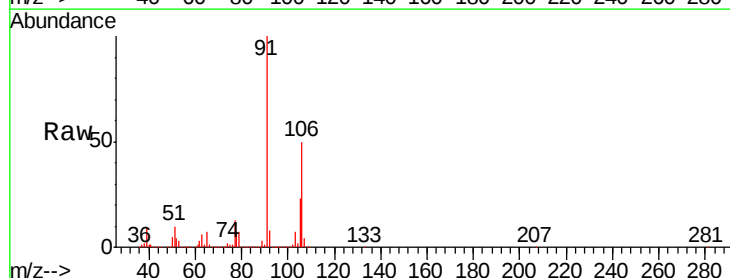
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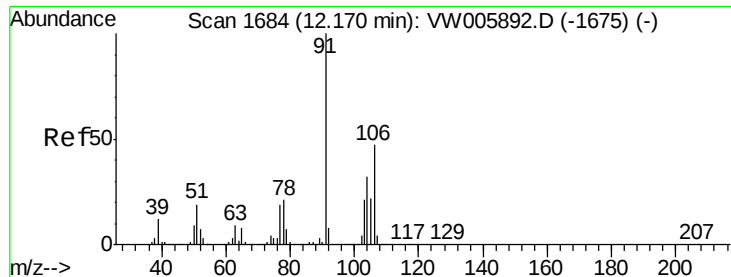
apatel
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#68
m/p-Xylenes
Concen: 105.28 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 106 Resp: 687610
Ion Ratio Lower Upper
106 100
91 200.8 160.2 240.2





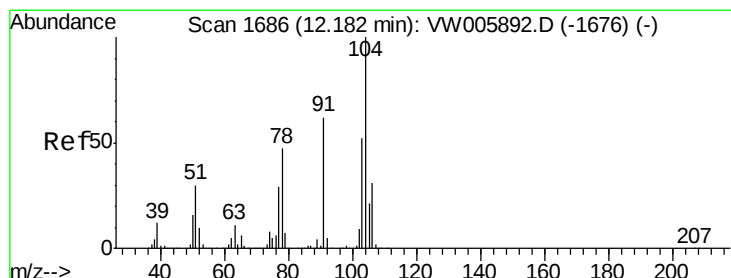
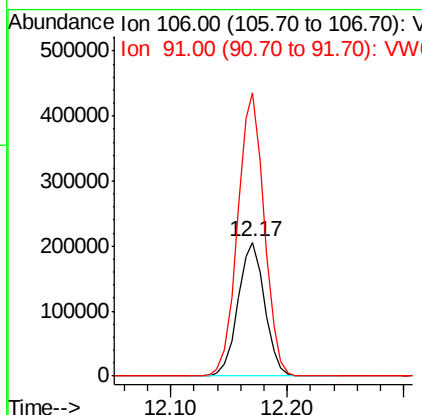
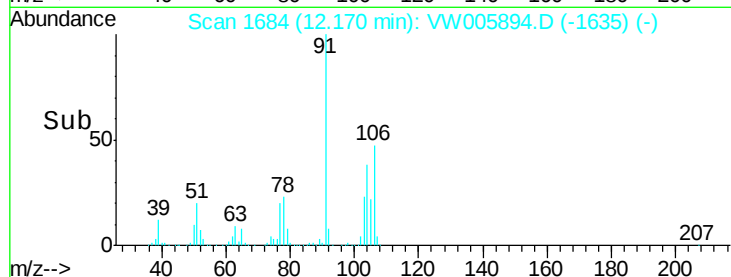
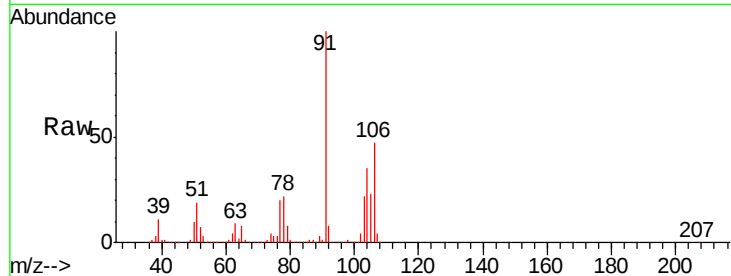
#69
o-Xylene
Concen: 52.28 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion:106 Resp: 326897
Ion Ratio Lower Upper
106 100
91 211.3 106.2 318.5

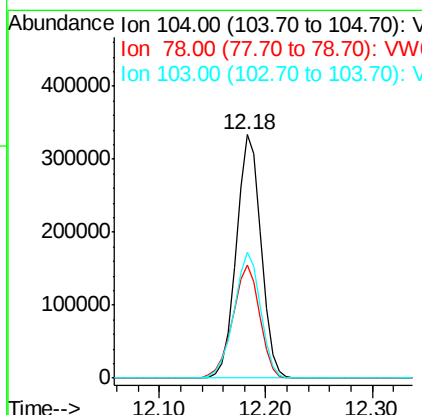
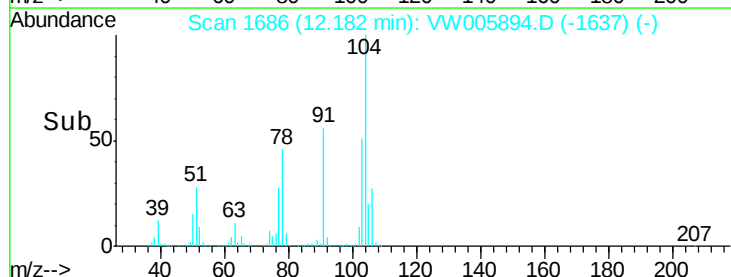
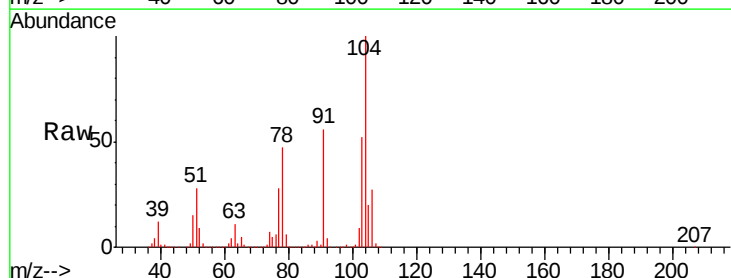
Manual Integrations
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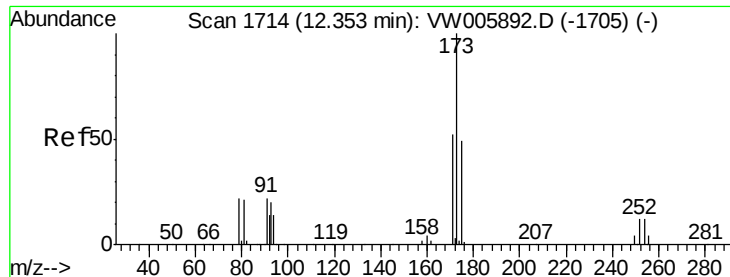
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#70
Styrene
Concen: 52.34 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion:104 Resp: 542925
Ion Ratio Lower Upper
104 100
78 50.7 40.4 60.6
103 55.4 44.2 66.2





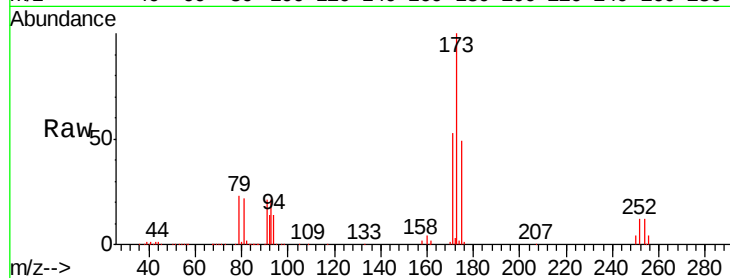
#71
Bromoform
Concen: 50.71 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

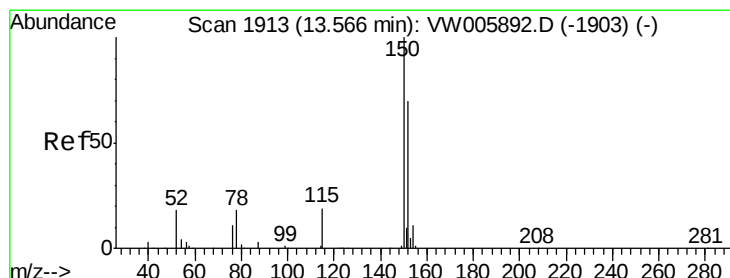
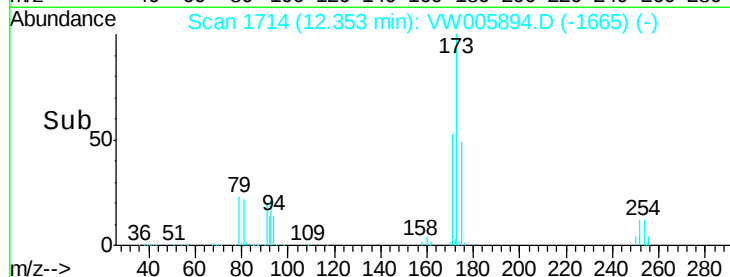
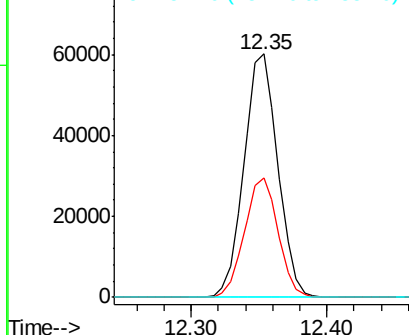
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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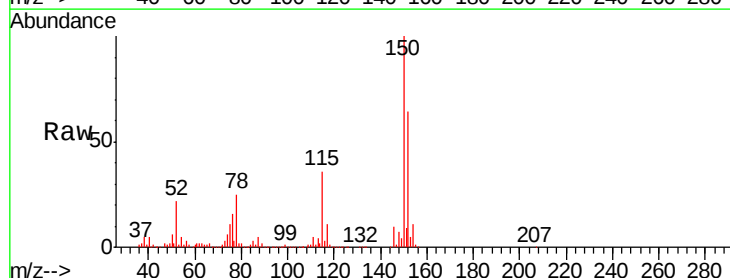


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

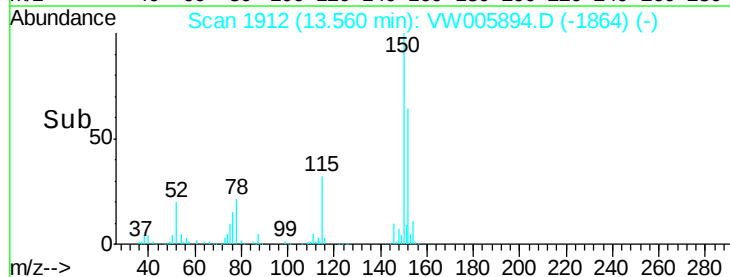
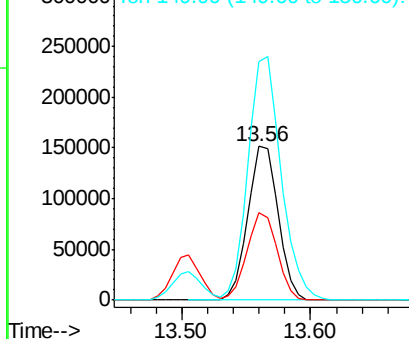


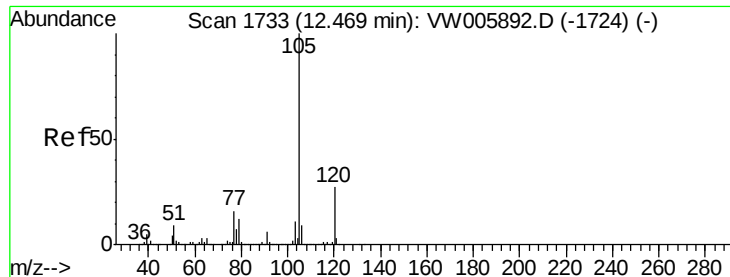
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.3	85.0
150	173.3	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: 51.71 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVW100818

Tgt Ion: 105 Resp: 925404

Ion Ratio Lower Upper

105 100

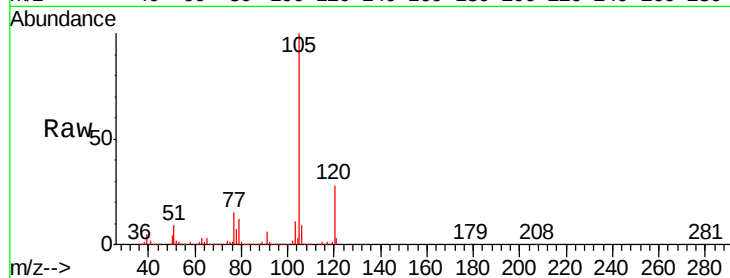
120 27.3 13.6 40.8

Manual Integrations

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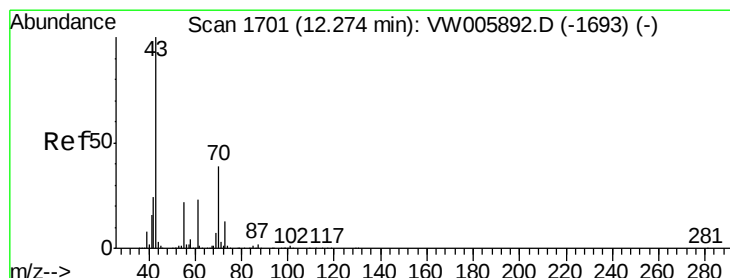
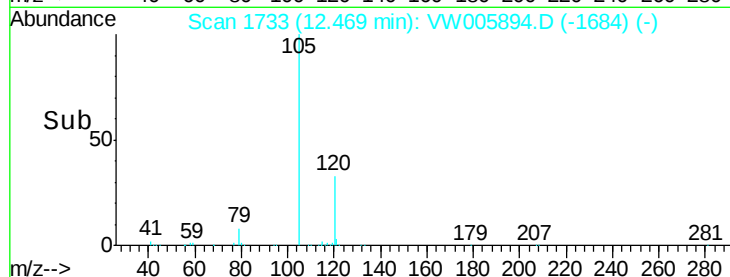
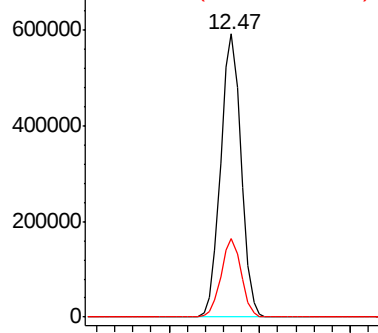
apatel

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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: 48.43 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion: 43 Resp: 205827

Ion Ratio Lower Upper

43 100

70 40.0 31.6 47.4

55 22.4 17.9 26.9

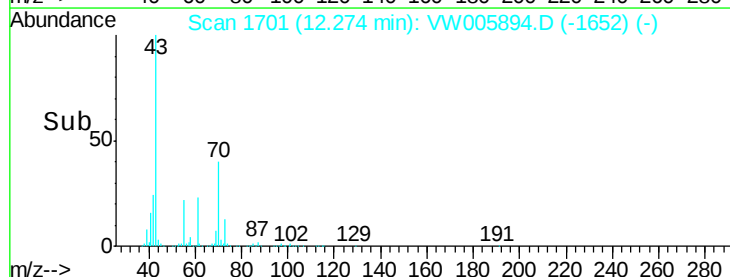
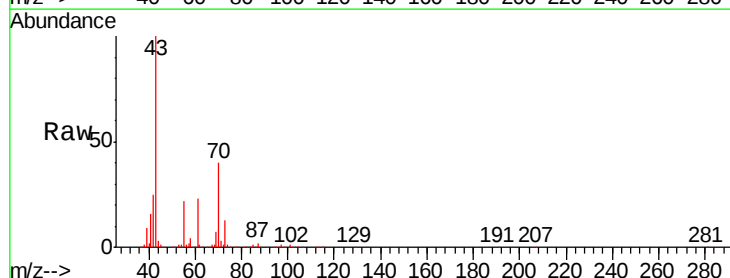
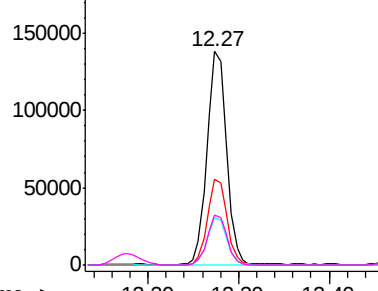
61 23.5 18.6 28.0

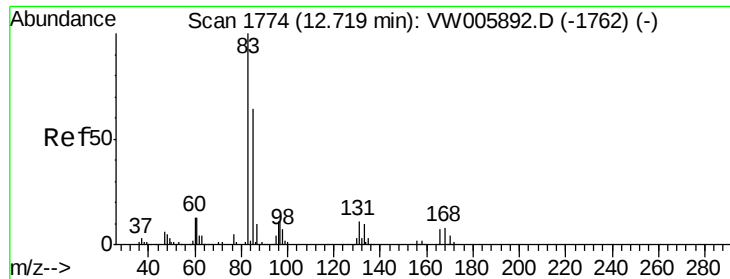
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 48.43 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

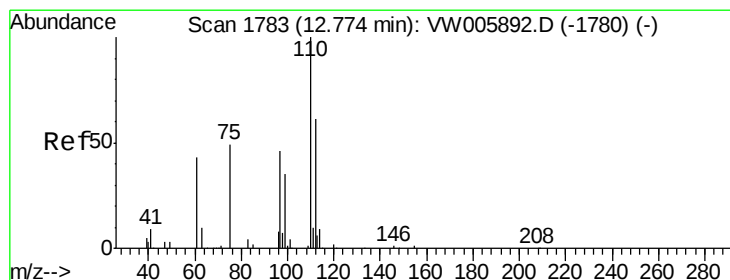
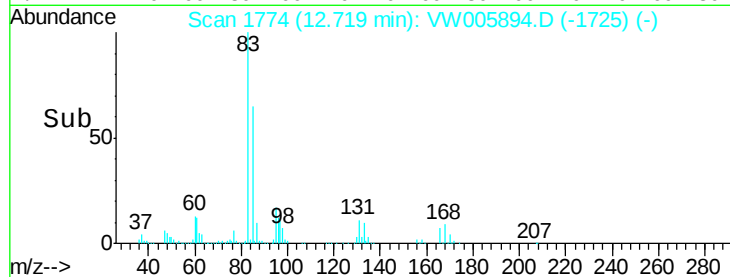
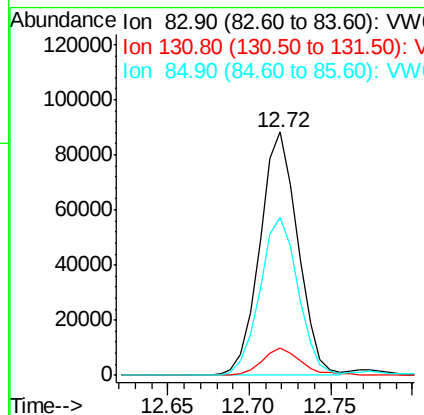
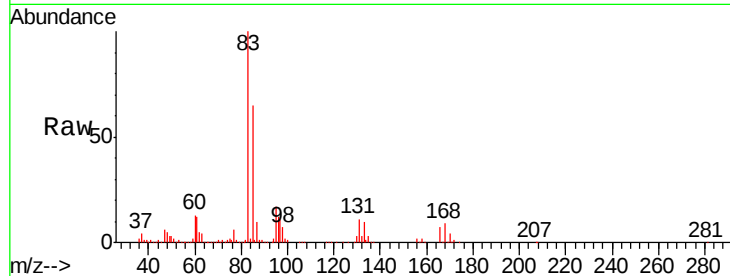
ClientSampleId :

ICVW100818

Tgt Ion:	83	Resp:	142065
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.8	17.3
85	65.2	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 50.28 ug/l m

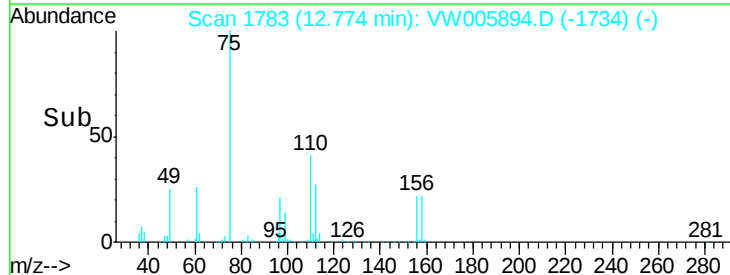
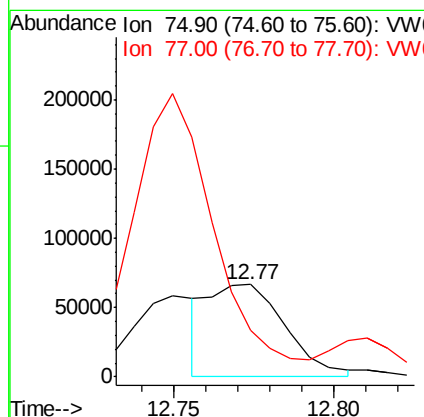
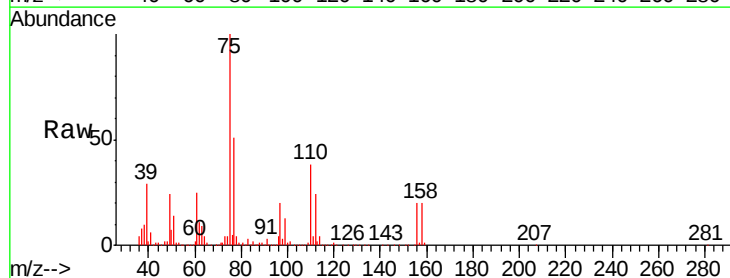
RT: 12.77 min Scan# 1783

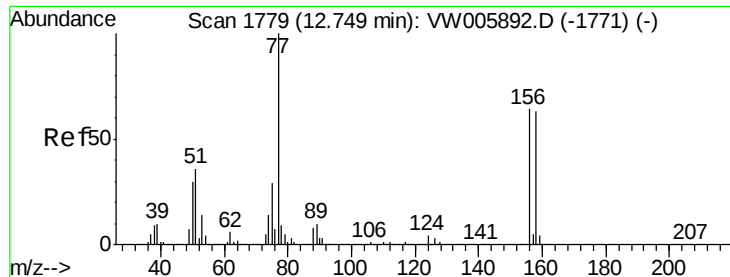
Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion:	75	Resp:	110065
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





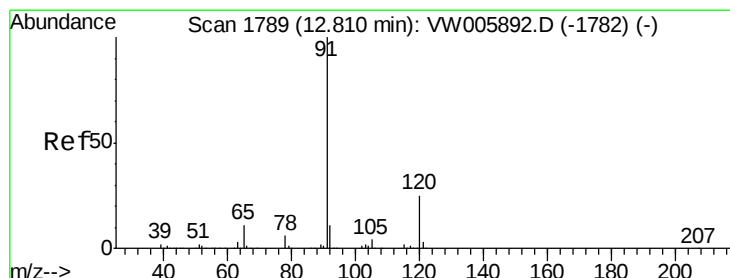
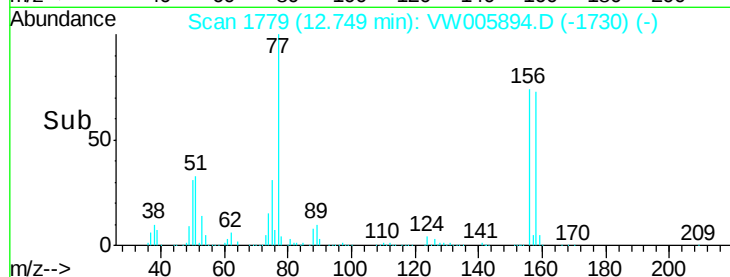
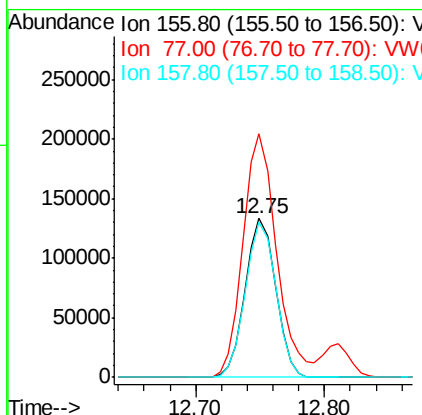
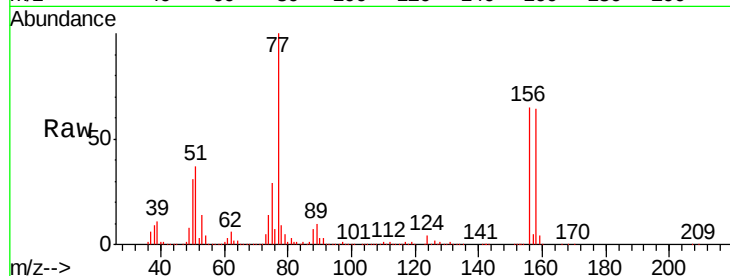
#77
Bromobenzene
Concen: 51.47 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	218239		
77	169.6	85.8	257.4	
158	98.0	49.1	147.4	

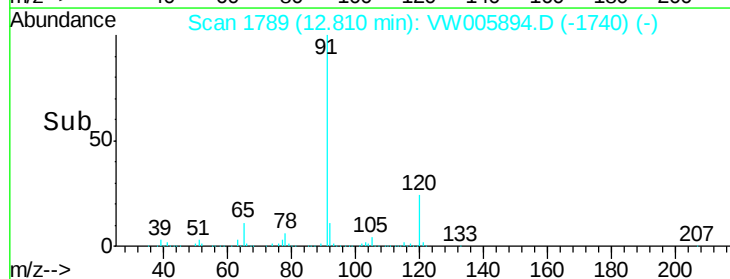
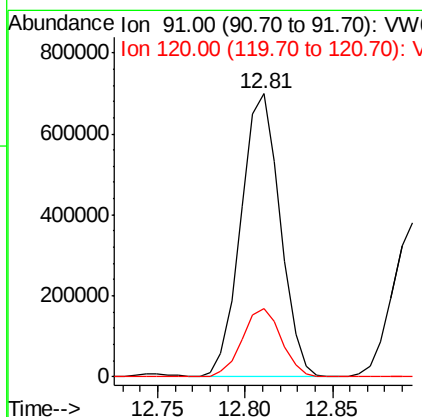
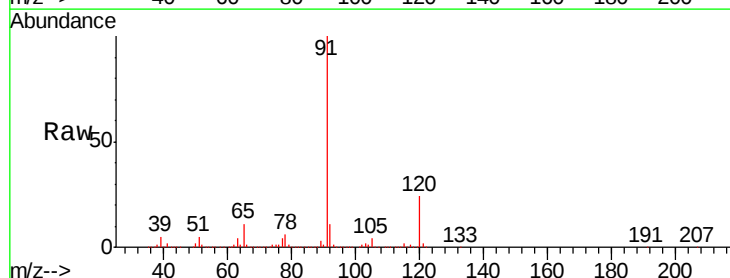
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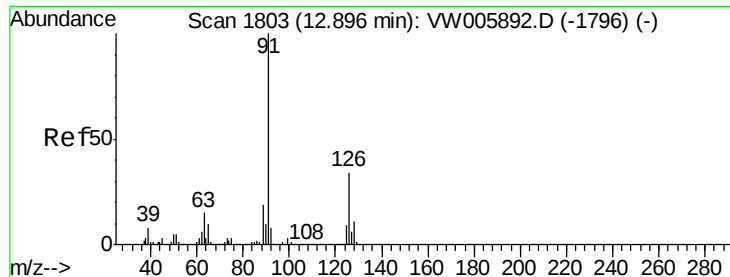
apatel
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#78
n-propylbenzene
Concen: 51.79 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1090355		
120	24.2	12.0	36.0	





#79

2-Chlorotoluene

Concen: 51.39 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

Tgt Ion: 91 Resp: 610704

Ion Ratio Lower Upper

91 100

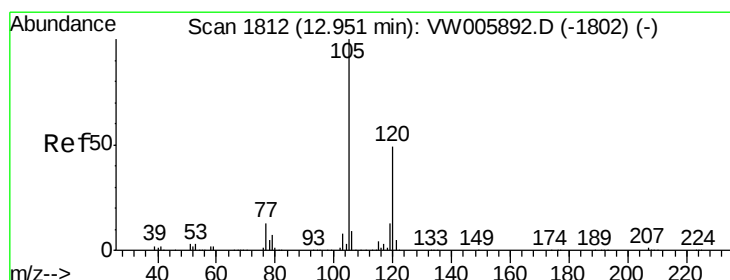
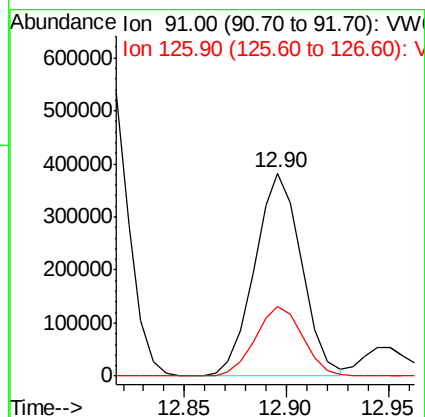
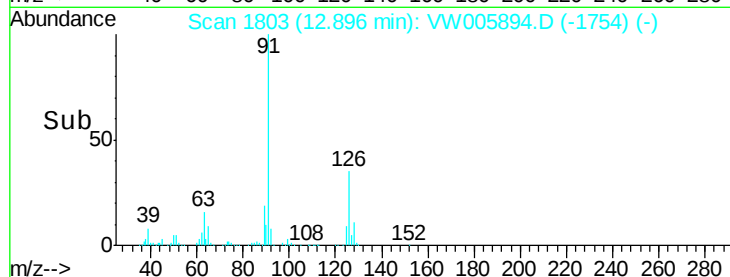
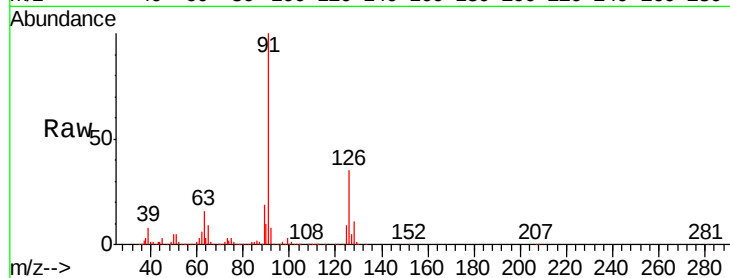
126 34.9 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.86 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005894.D

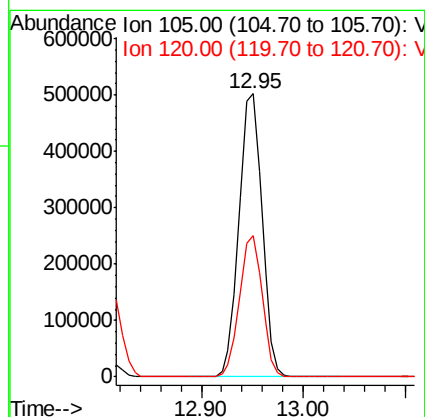
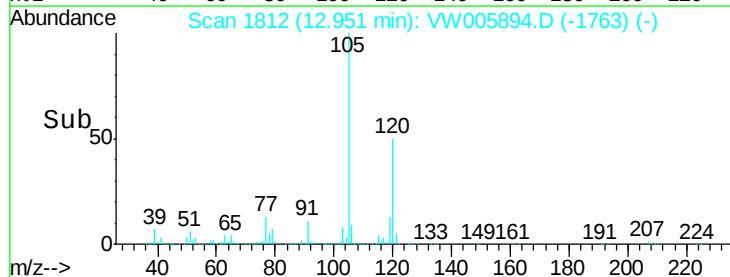
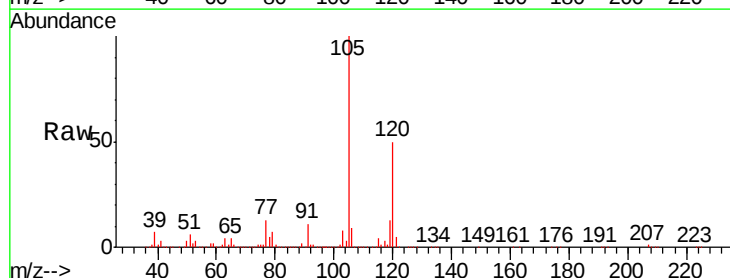
Acq: 08 Oct 2018 14:09

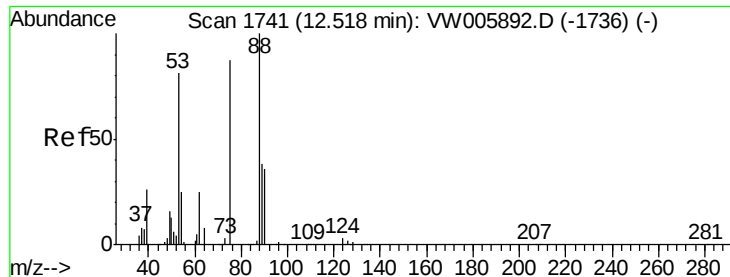
Tgt Ion: 105 Resp: 783538

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





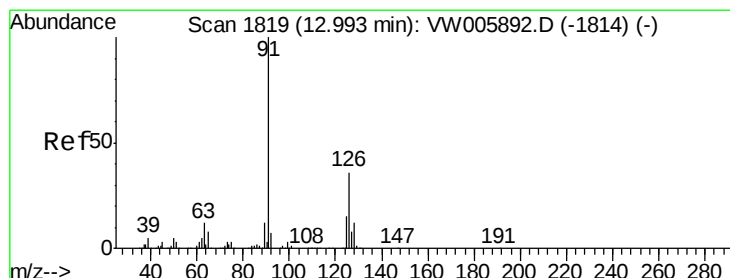
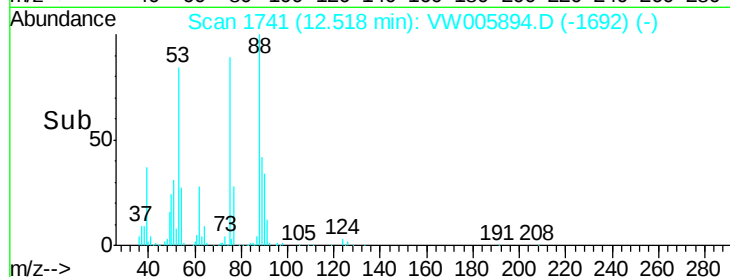
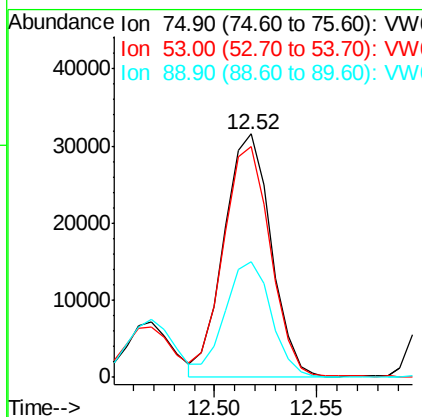
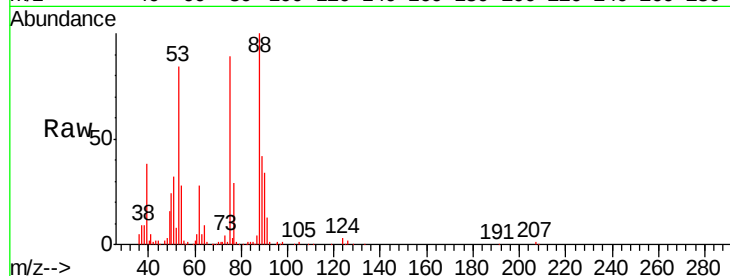
#81
trans-1,4-Dichloro-2-butene
Concen: 48.45 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVW100818

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.7	76.5	114.7
89	47.4	37.6	56.4

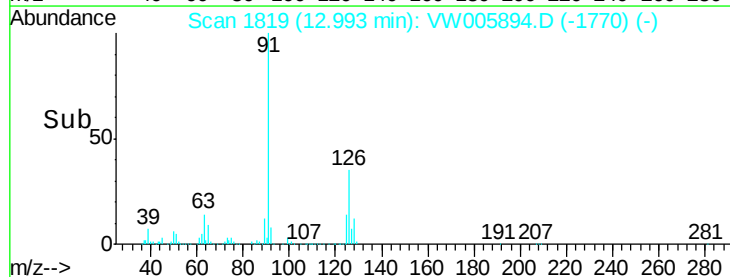
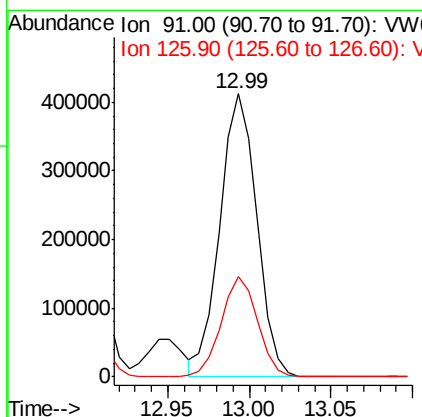
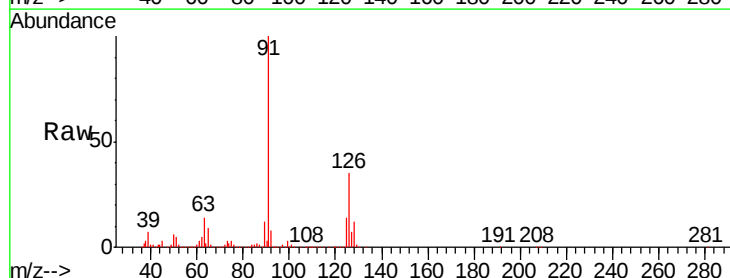
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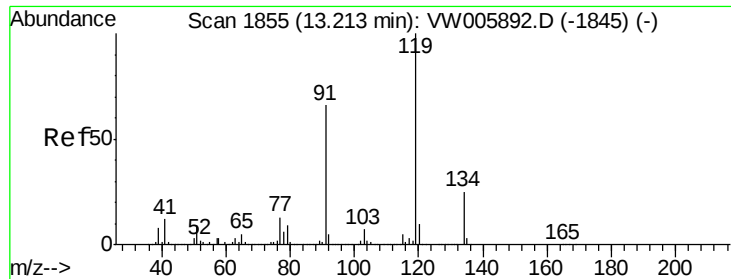
apatel
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#82
4-Chlorotoluene
Concen: 51.76 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.4	52.2





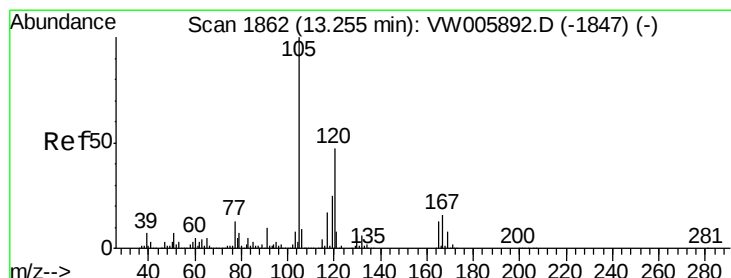
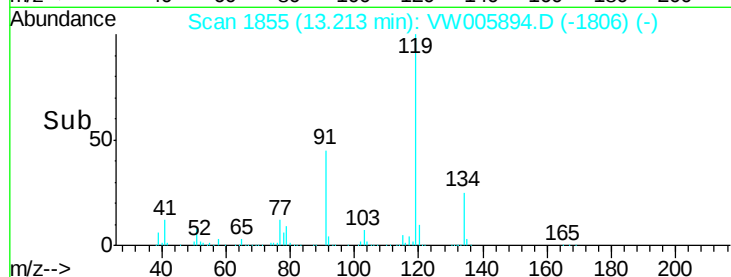
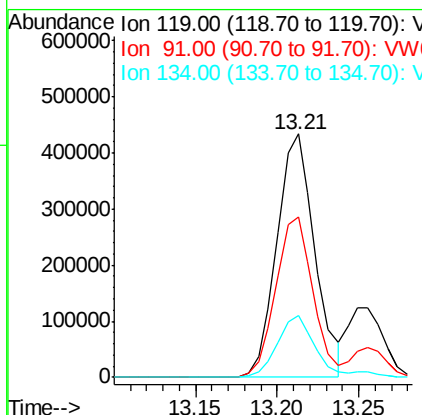
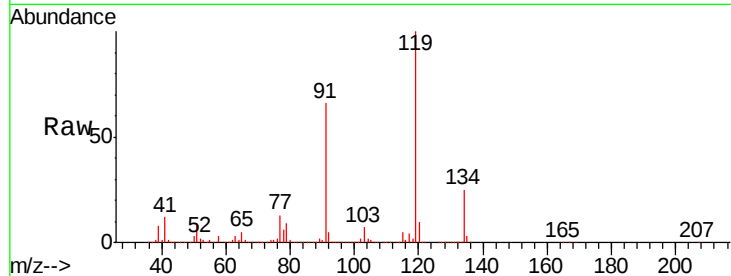
#83
 tert-Butylbenzene
 Concen: 52.28 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	702638		
91	64.5	32.4	97.0	
134	24.7	13.2	39.6	

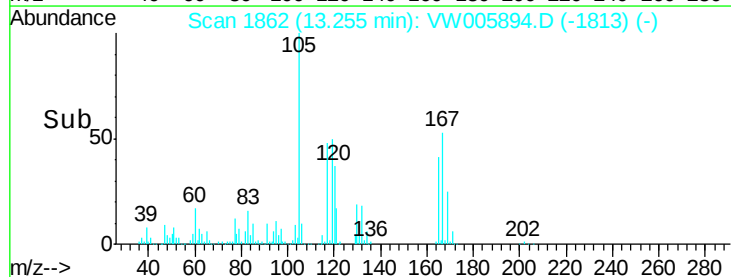
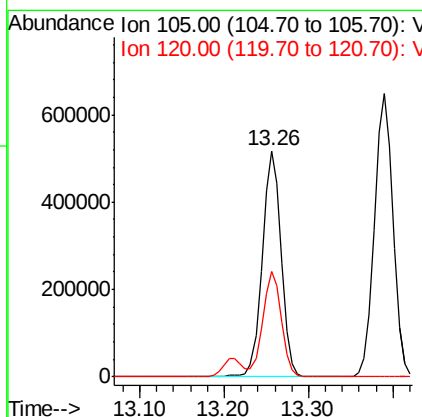
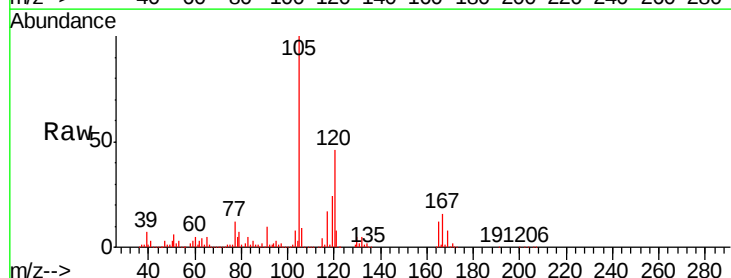
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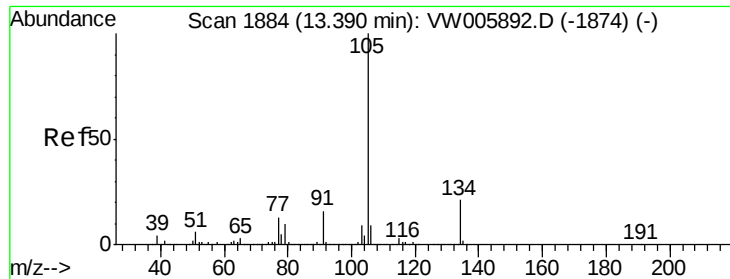
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.09 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	793887		
120	45.4	22.8	68.3	





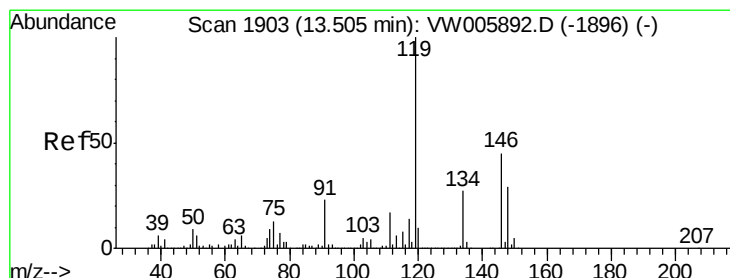
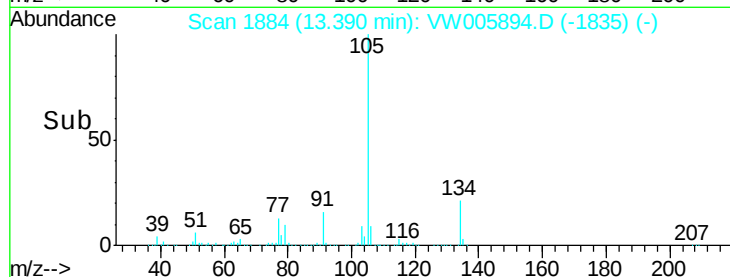
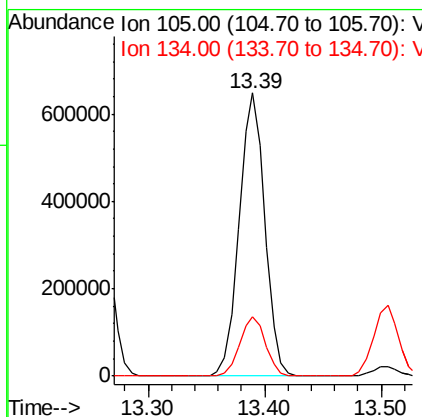
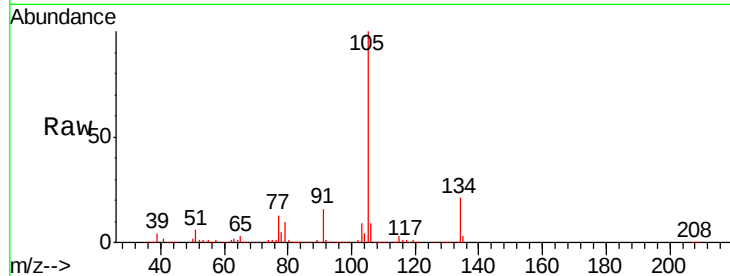
#85
 sec-Butylbenzene
 Concen: 52.53 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	990837		
134	21.1	10.4	31.4	

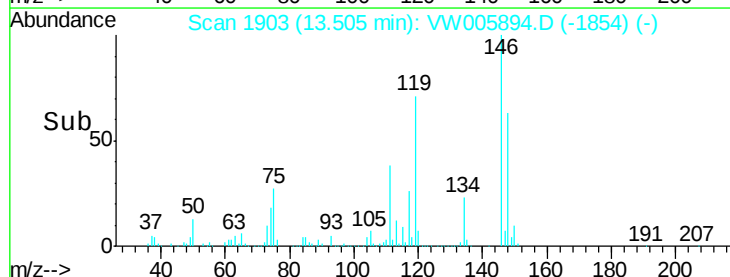
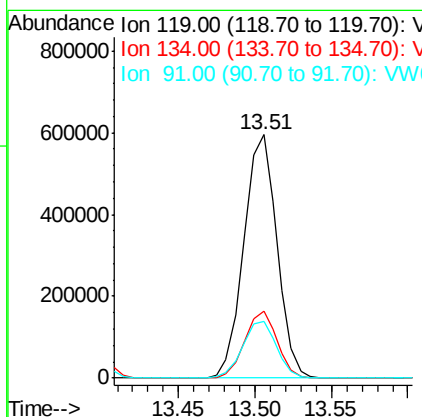
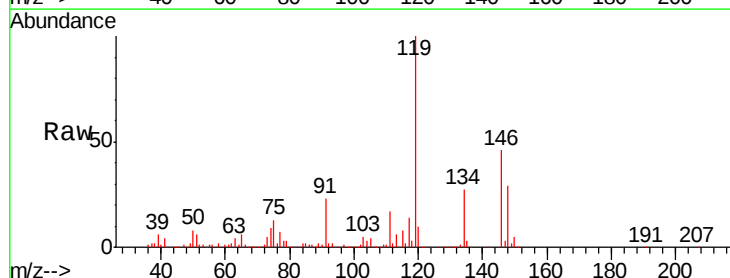
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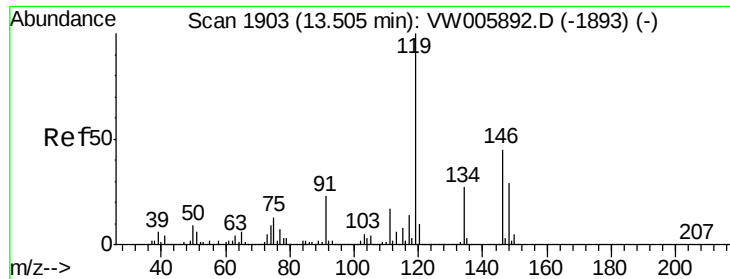
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#86
 p-Isopropyltoluene
 Concen: 52.72 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	894272		
134	27.1	13.5	40.5	
91	23.7	11.9	35.5	





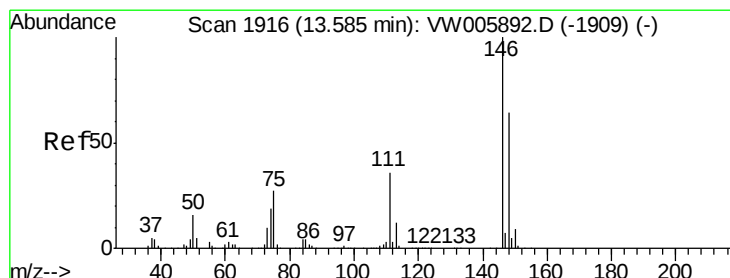
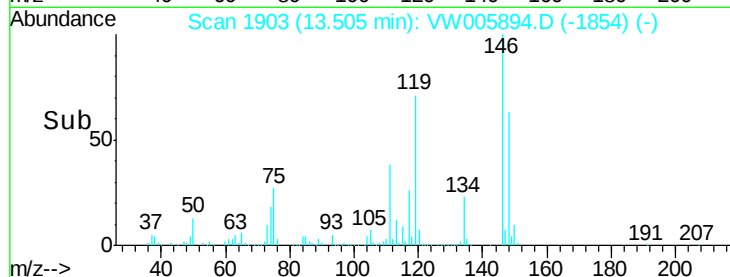
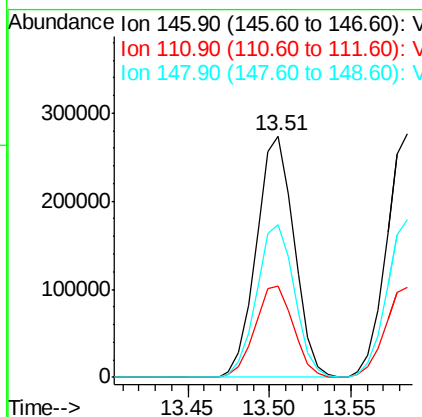
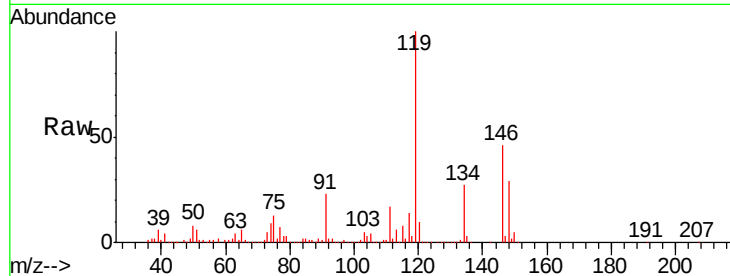
#87
 1,3-Dichlorobenzene
 Concen: 52.48 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.7	32.1	96.5

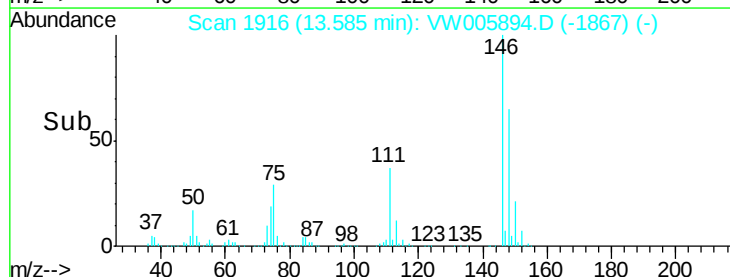
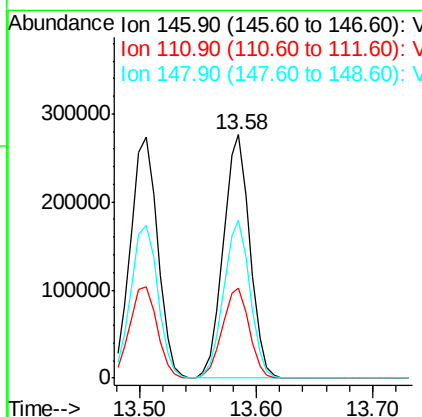
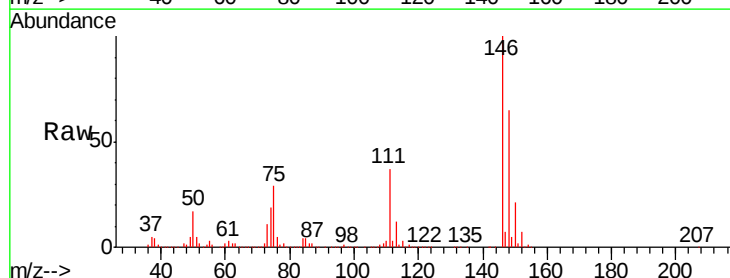
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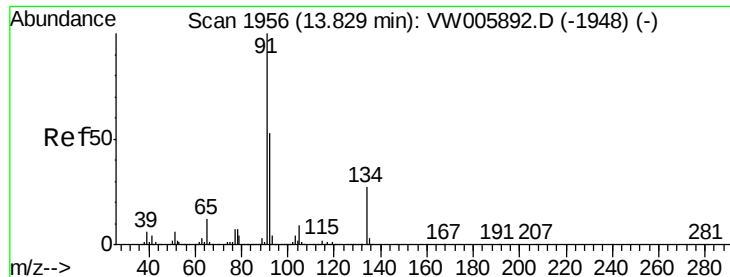
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#88
 1,4-Dichlorobenzene
 Concen: 51.88 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	64.5	32.0	96.2





#89

n-Butylbenzene

Concen: 52.96 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

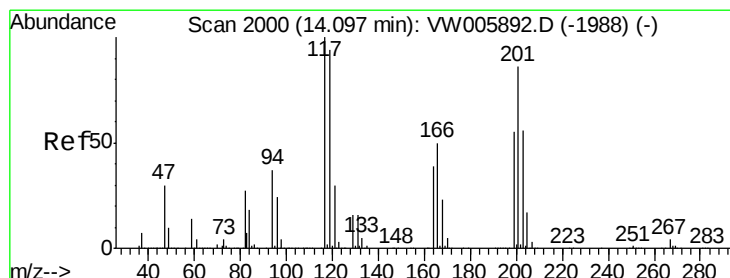
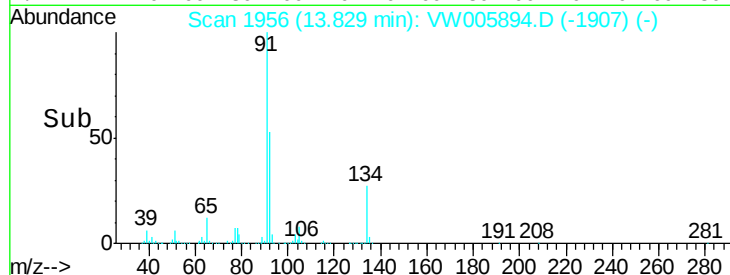
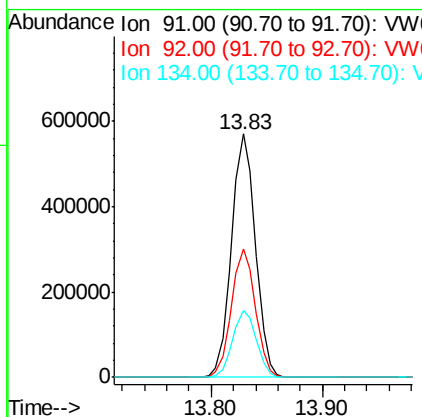
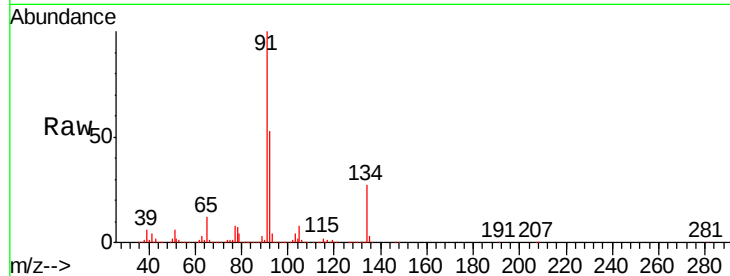
ClientSampleId :

ICVWV100818

Tgt Ion:	91	Resp:	846914
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.6	79.8
134	27.3	13.8	41.4

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#90

Hexachloroethane

Concen: 52.17 ug/l

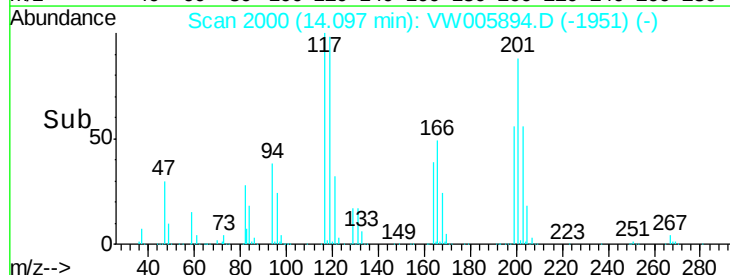
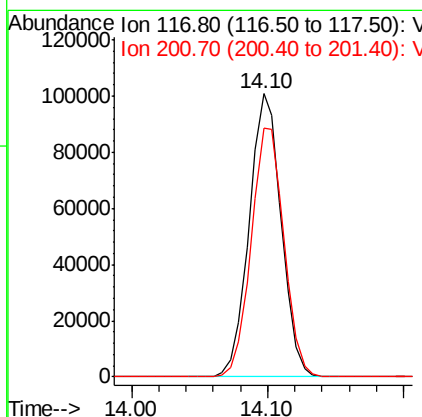
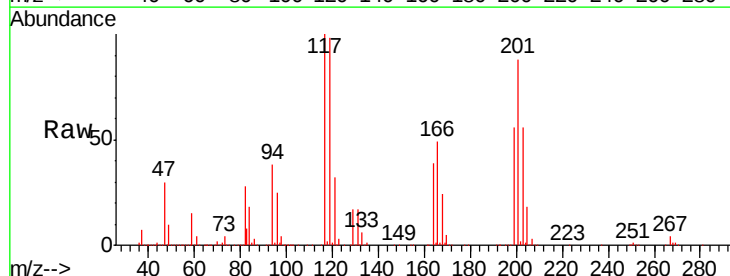
RT: 14.10 min Scan# 2000

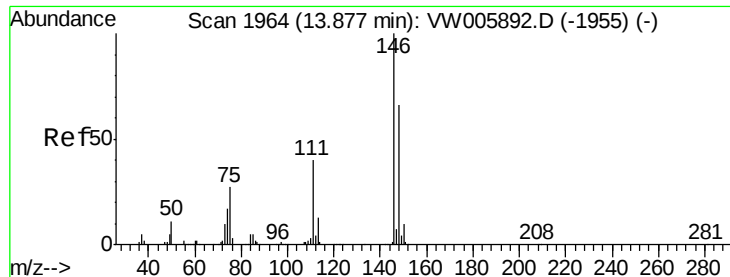
Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion:	117	Resp:	166444
Ion Ratio	Lower	Upper	
117	100		
201	89.8	44.5	133.5





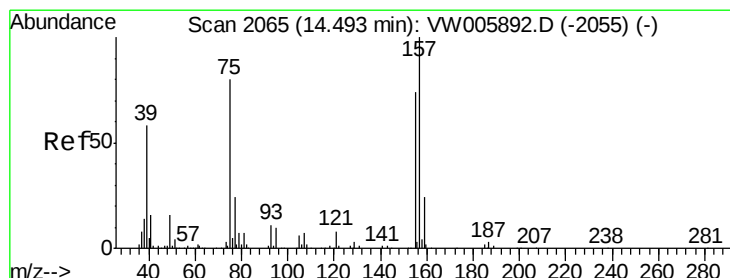
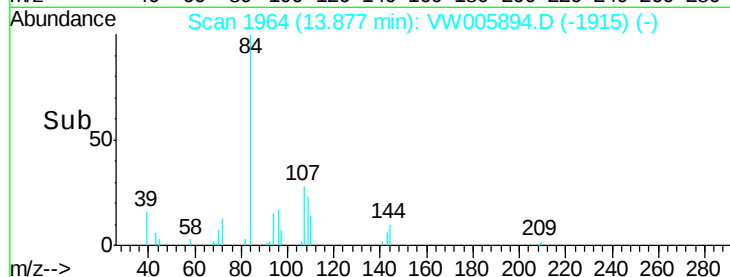
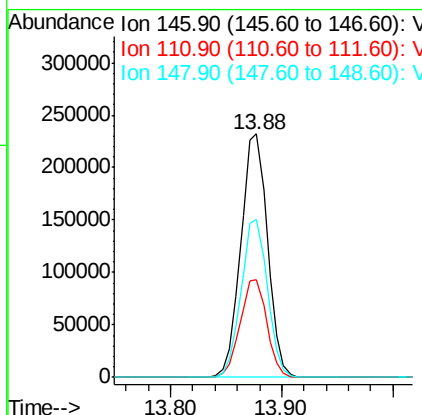
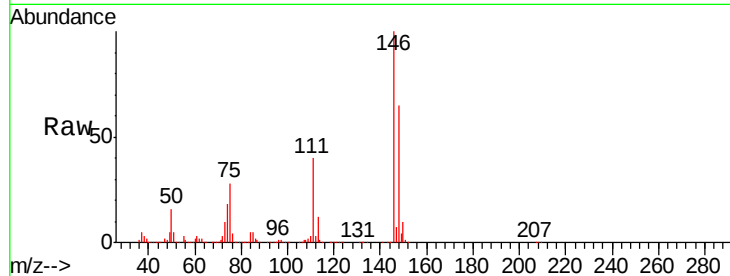
#91
 1,2-Dichlorobenzene
 Concen: 51.61 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	385982		
111	40.2	20.3	61.0	
148	64.3	32.5	97.4	

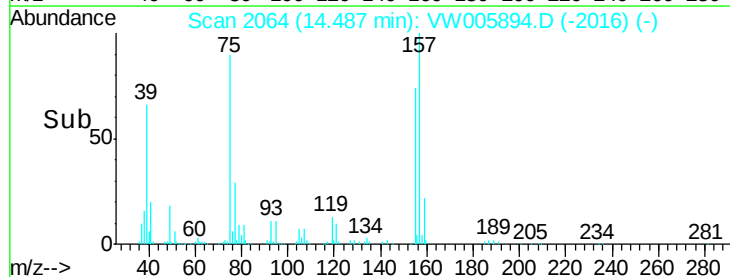
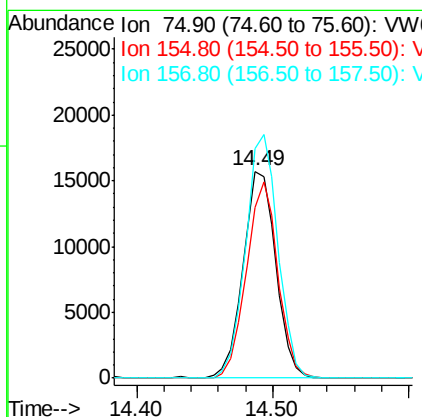
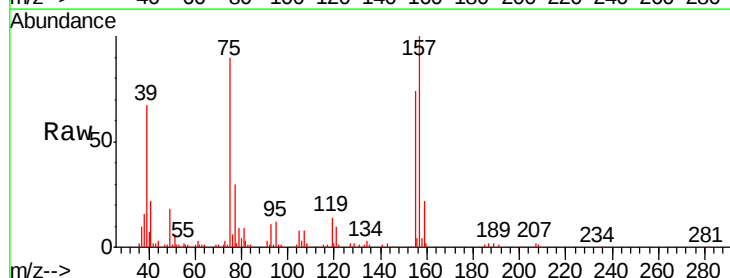
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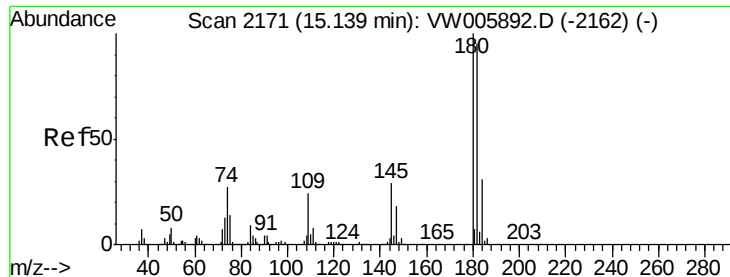
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.64 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26590		
155	91.2	44.8	134.3	
157	115.9	58.9	176.6	





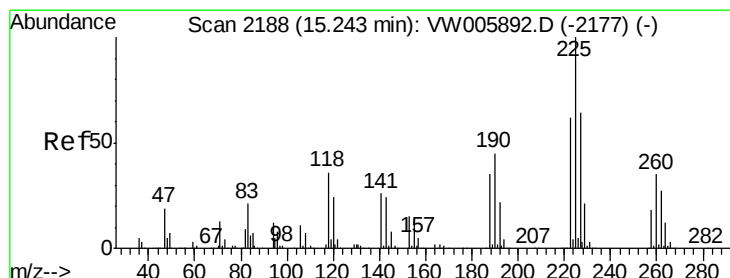
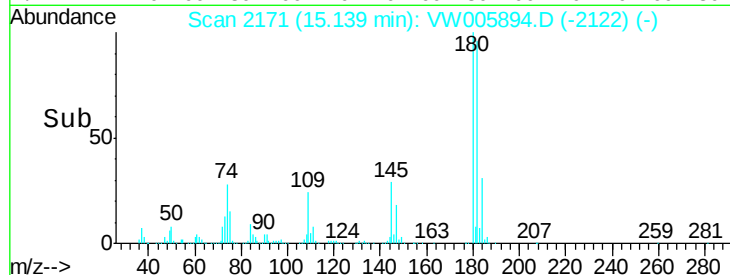
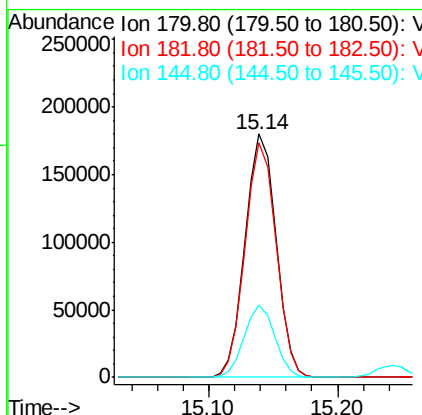
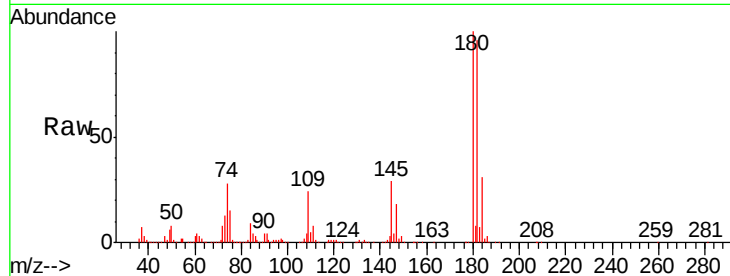
#93
 1,2,4-Trichlorobenzene
 Concen: 51.59 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299143		
182	96.2	47.8	143.3	
145	29.3	14.5	43.6	

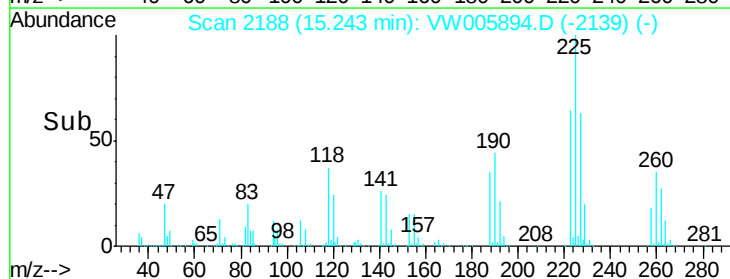
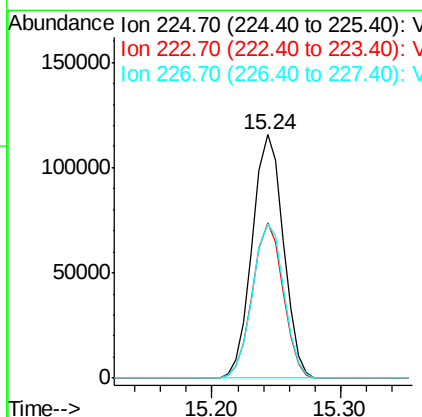
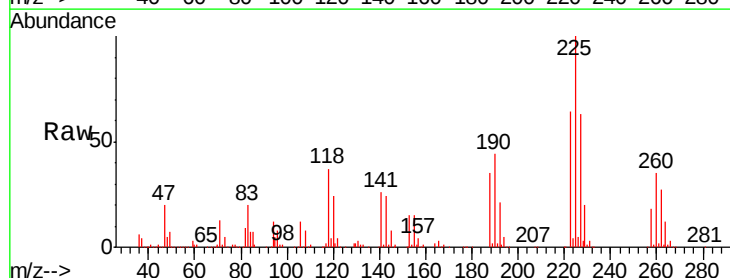
Manual Integrations
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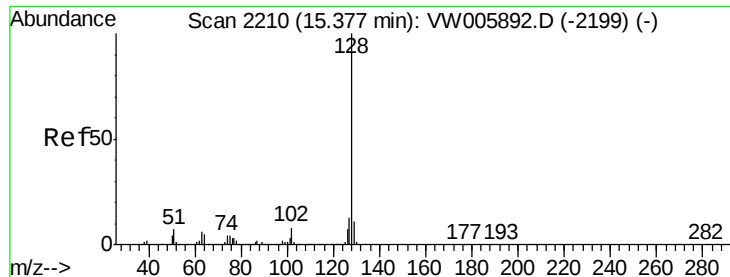
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#94
 Hexachlorobutadiene
 Concen: 53.34 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	193068		
223	62.8	31.2	93.6	
227	64.0	31.9	95.9	





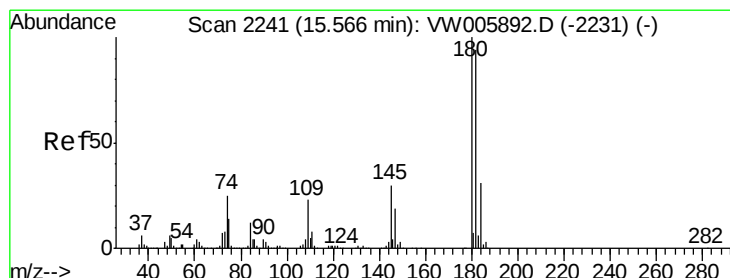
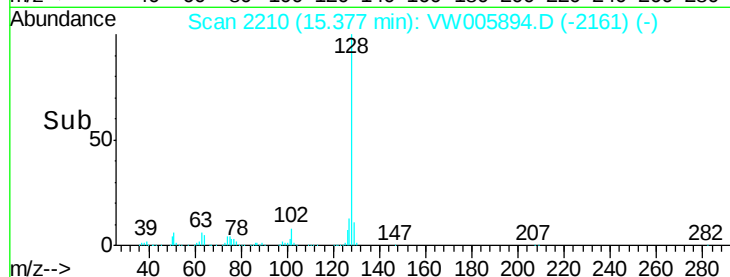
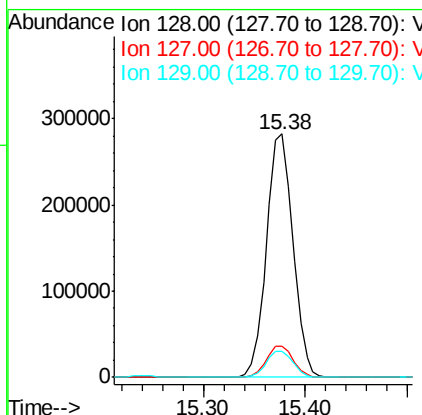
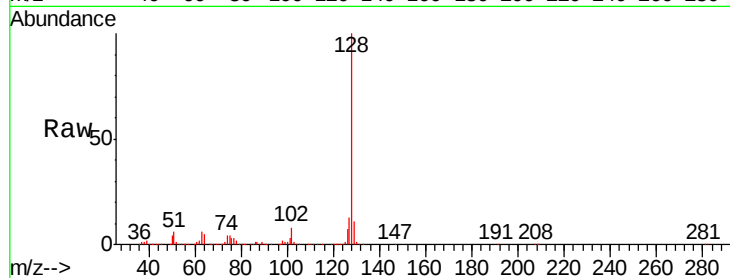
#95
Naphthalene
Concen: 50.78 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVW100818

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	507581		
127	13.1	10.5	15.7	
129	10.9	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.62 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259214		
182	95.9	47.6	142.8	
145	31.1	15.3	45.9	

