

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005840.D
 Acq On : 04 Oct 2018 06:12
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Manual Integrations
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 10/4/2018 2:48:07 PM

Quant Time: Oct 04 09:16:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	290120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157946	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	117578	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.88	113	101219	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.33	98	411188	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.63	95	153124	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	59922	51.063	ug/l	91
3) Chloromethane	2.21	50	72977	51.608	ug/l	97
4) Vinyl Chloride	2.37	62	104725	50.576	ug/l	100
5) Bromomethane	2.78	94	72546	50.274	ug/l	99
6) Chloroethane	2.93	64	65200	51.483	ug/l	99
7) Trichlorofluoromethane	3.26	101	75624	53.105	ug/l	100
8) Diethyl Ether	3.68	74	55187	51.105	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	96749	49.122	ug/l	99
10) Methyl Iodide	4.27	142	167713	52.479	ug/l	99
11) Tert butyl alcohol	5.21	59	35464	235.269	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	97375	50.457	ug/l	98
13) Acrolein	3.89	56	32335	213.498	ug/l	98
14) Allyl chloride	4.67	41	164477	52.515	ug/l	99
15) Acrylonitrile	5.37	53	115600	252.615	ug/l	100
16) Acetone	4.14	43	102888	247.309	ug/l	98
17) Carbon Disulfide	4.38	76	325380	53.324	ug/l	99
18) Methyl Acetate	4.68	43	58636	49.558	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	165172	54.518	ug/l	96
20) Methylene Chloride	4.92	84	118956	52.466	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	112393	53.357	ug/l	98
22) Diisopropyl ether	6.32	45	332055	54.022	ug/l	99
23) Vinyl Acetate	6.26	43	935112	267.813	ug/l	100
24) 1,1-Dichloroethane	6.22	63	204587	51.295	ug/l	99
25) 2-Butanone	7.18	43	142682	243.807	ug/l	99
26) 2,2-Dichloropropane	7.18	77	122781	49.303	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	122292	52.085	ug/l	99
28) Bromochloromethane	7.51	49	63988	45.423	ug/l	97
29) Tetrahydrofuran	7.54	42	91269	252.629	ug/l	99
30) Chloroform	7.68	83	215682	50.461	ug/l	100
31) Cyclohexane	7.96	56	170714	50.068	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	187074	51.281	ug/l	98
36) 1,1-Dichloropropene	8.09	75	159905	51.937	ug/l	99
37) Ethyl Acetate	7.26	43	64977	50.709	ug/l	98
38) Carbon Tetrachloride	8.07	117	175216	51.075	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	184296	53.173	ug/l	97
40) Benzene	8.33	78	452330	50.692	ug/l	96
41) Methacrylonitrile	7.49	41	42807	55.905	ug/l	97
42) 1,2-Dichloroethane	8.40	62	149828	49.923	ug/l	99
43) Isopropyl Acetate	8.43	43	128740	50.830	ug/l	99
44) Trichloroethene	9.10	130	120586	51.132	ug/l	98
45) 1,2-Dichloropropane	9.37	63	105884	50.112	ug/l	98
46) Dibromomethane	9.46	93	56092	48.539	ug/l	99
47) Bromodichloromethane	9.65	83	150298	49.142	ug/l	94
48) Methyl methacrylate	9.44	41	63073	51.437	ug/l	99
49) 1,4-Dioxane	9.47	88	18144	1004.902	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	333349	252.987	ug/l	100
52) Toluene	10.39	92	296660	52.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	154352	51.688	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	173228	51.813	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81926	49.074	ug/l	97
56) Ethyl methacrylate	10.65	69	107431	53.732	ug/l	99
57) 1,3-Dichloropropane	10.94	76	144463	50.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	202774	246.696	ug/l	99
59) 2-Hexanone	10.98	43	227921	258.615	ug/l	99
60) Dibromochloromethane	11.13	129	105699	50.719	ug/l	98
61) 1,2-Dibromoethane	11.24	107	79418	51.213	ug/l	98
64) Tetrachloroethene	10.87	164	119129	52.605	ug/l	97
65) Chlorobenzene	11.66	112	328012	51.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	121633	51.730	ug/l	99
67) Ethyl Benzene	11.74	91	589572	54.277	ug/l	99
68) m/p-Xylenes	11.85	106	450850	107.715	ug/l	99
69) o-Xylene	12.17	106	213532	54.886	ug/l	100
70) Styrene	12.19	104	360530	54.634	ug/l	100
71) Bromoform	12.35	173	65311	50.457	ug/l #	99
73) Isopropylbenzene	12.47	105	596319	54.872	ug/l	100
74) N-amyl acetate	12.28	43	123302	52.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94009	50.418	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82451m	57.440	ug/l	
77) Bromobenzene	12.76	156	139721	52.074	ug/l	99
78) n-propylbenzene	12.81	91	706453	54.654	ug/l	100
79) 2-Chlorotoluene	12.90	91	417326	54.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	516902	54.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29191	51.406	ug/l	99
82) 4-Chlorotoluene	12.99	91	434547	53.547	ug/l	100
83) tert-Butylbenzene	13.21	119	433741	55.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	530256	54.721	ug/l	100
85) sec-Butylbenzene	13.39	105	609482	53.646	ug/l	100
86) p-Isopropyltoluene	13.51	119	561257	55.036	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283416	52.360	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	277635	51.409	ug/l	100
89) n-Butylbenzene	13.83	91	508265	54.116	ug/l	99
90) Hexachloroethane	14.10	117	99751	52.023	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	253161	52.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17909	49.680	ug/l	98

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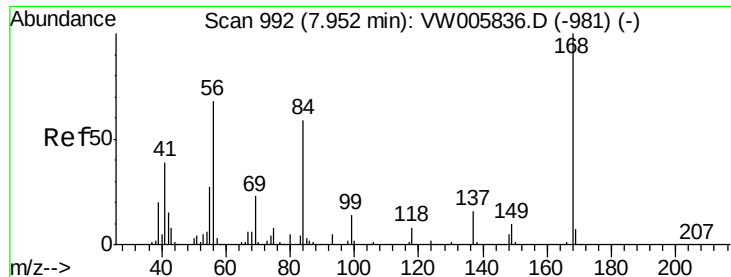
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	181345	53.321	ug/l	100
94) Hexachlorobutadiene	15.25	225	110208	51.246	ug/l	100
95) Naphthalene	15.38	128	321734	49.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	160814	52.594	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

Tot Ion:168 Resp: 205487

Ion Ratio Lower Upper

168 100

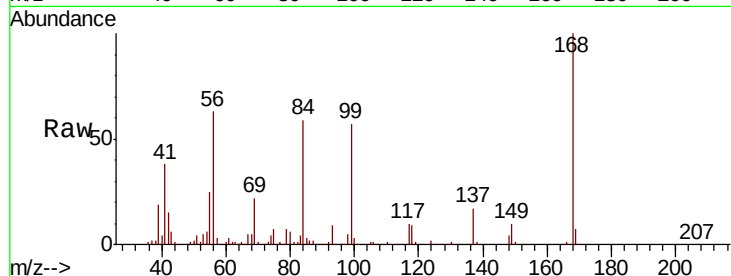
99 57.3 45.4 68.2

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

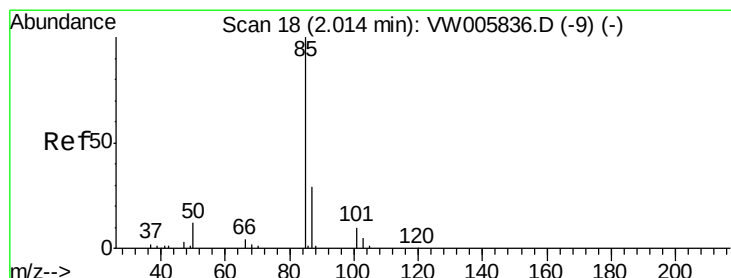
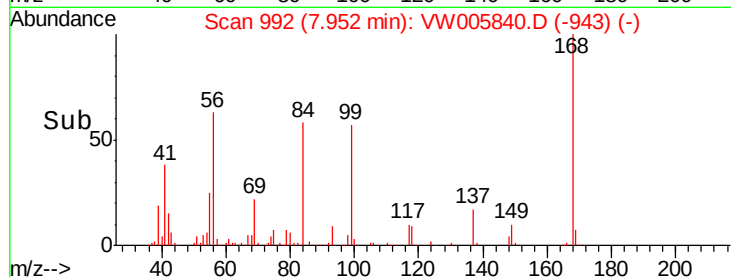
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.063 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005840.D

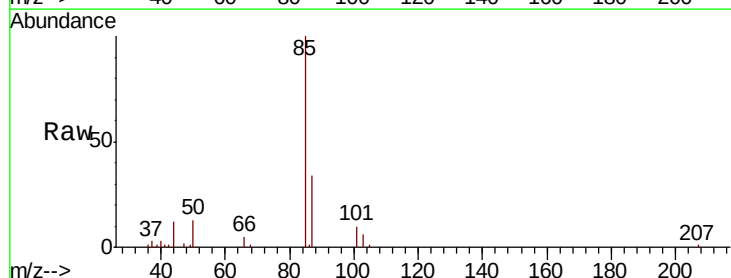
Acq: 04 Oct 2018 06:12

Tgt Ion: 85 Resp: 59922

Ion Ratio Lower Upper

85 100

87 34.2 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

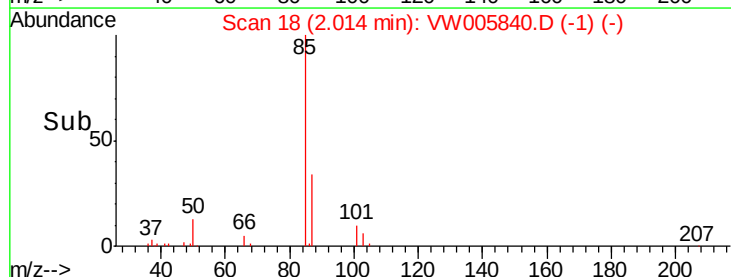
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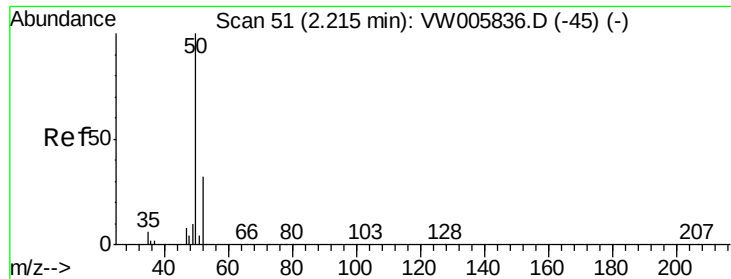
10000

5000

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Time-->





#3

Chloromethane

Concen: 51.608 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

Tot Ion: 50 Resp: 72977

Ion Ratio Lower Upper

50 100

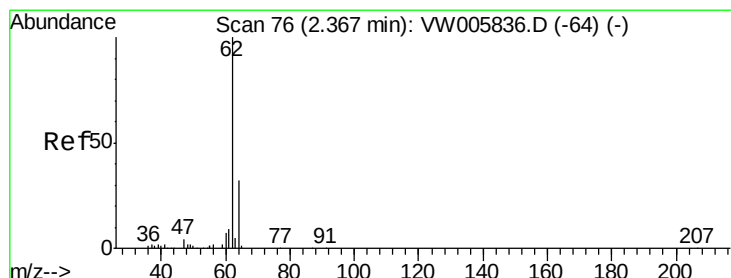
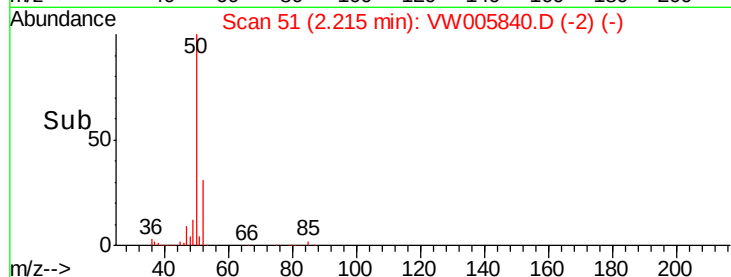
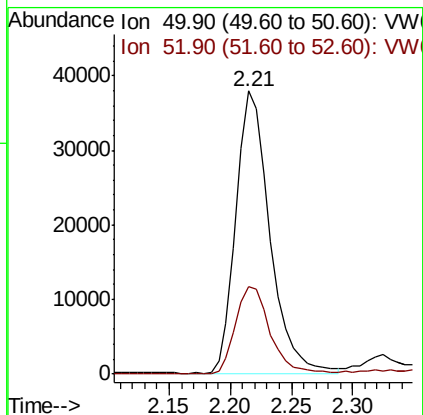
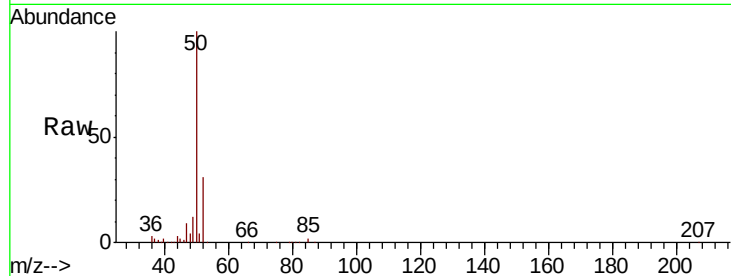
52 31.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.576 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005840.D

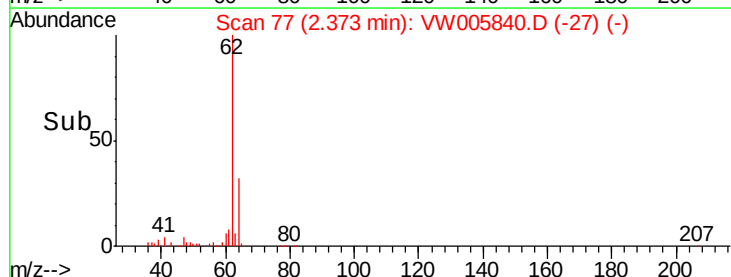
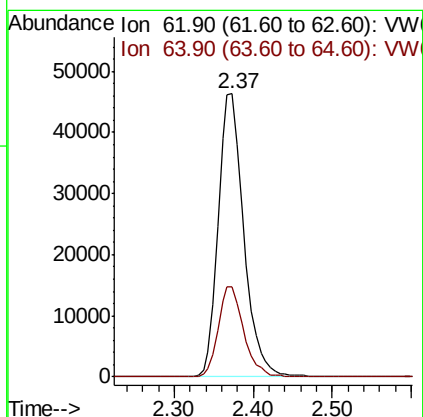
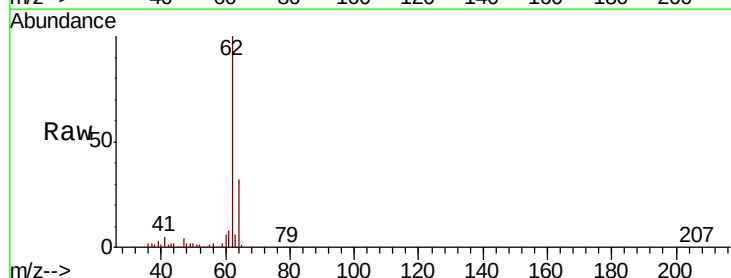
Acq: 04 Oct 2018 06:12

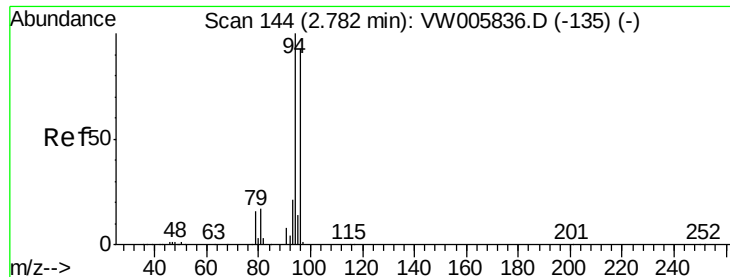
Tgt Ion: 62 Resp: 104725

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 50.274 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

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ClientSampleId :

ICVWV100418

Tot Ion: 94 Resp: 72546

Ion Ratio Lower Upper

94 100

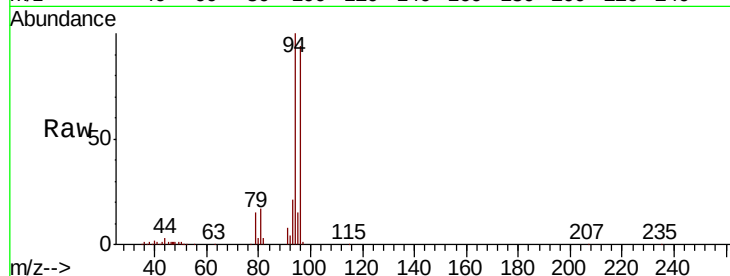
96 94.0 74.5 111.7

Manual Integrations

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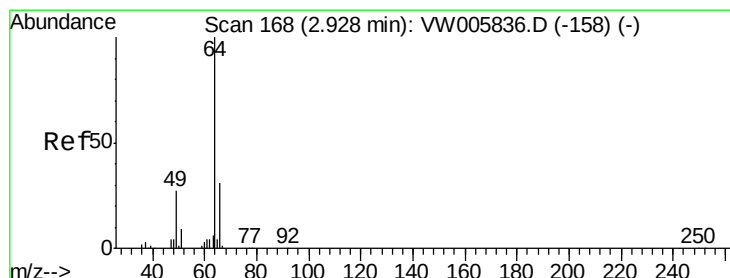
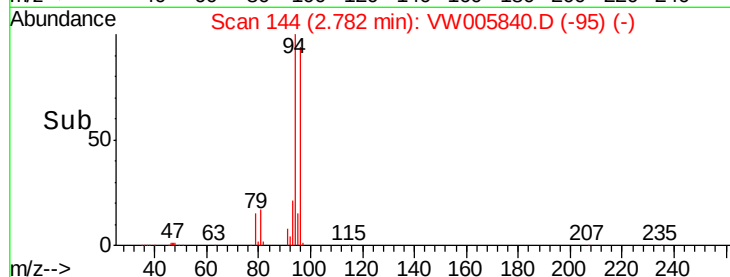
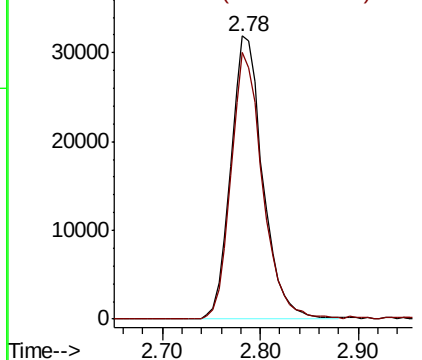
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.483 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005840.D

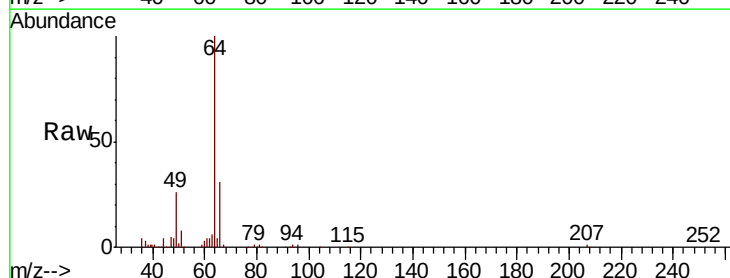
Acq: 04 Oct 2018 06:12

Tgt Ion: 64 Resp: 65200

Ion Ratio Lower Upper

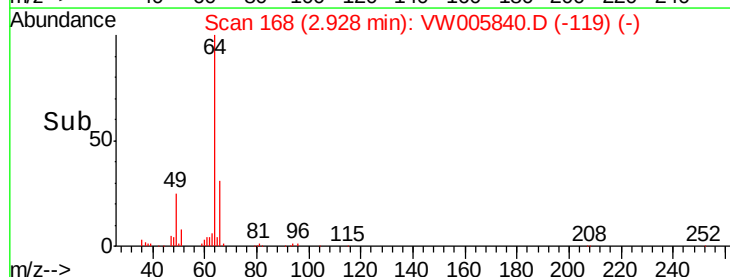
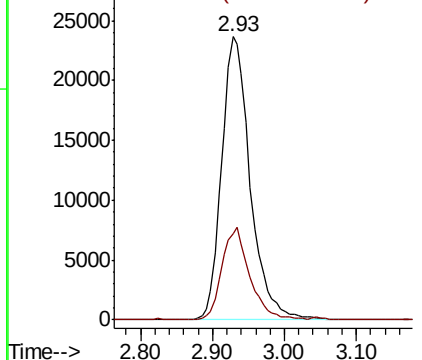
64 100

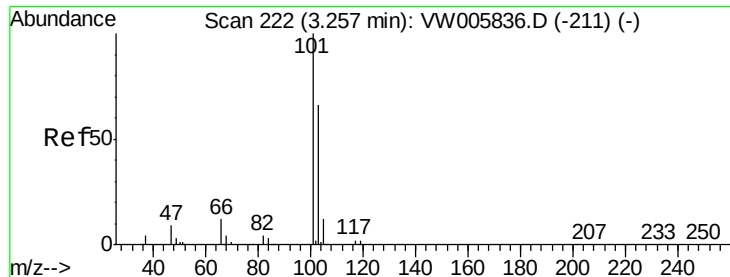
66 30.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

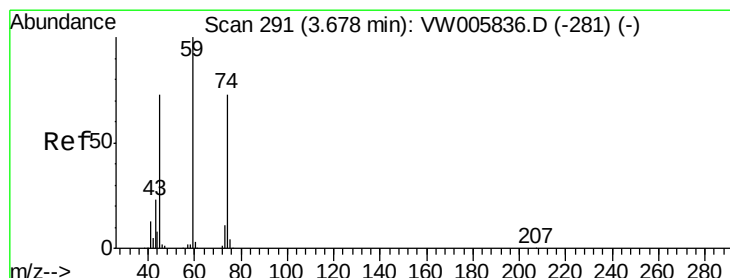
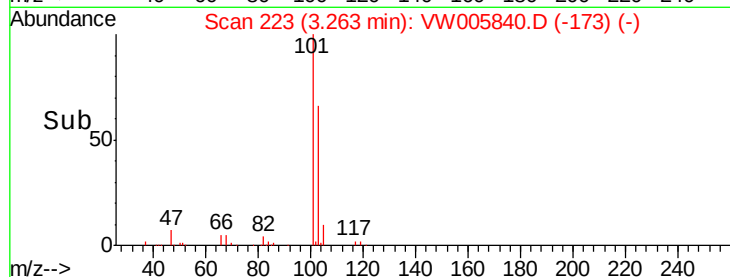
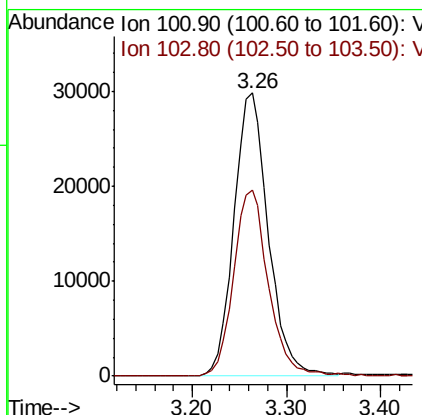
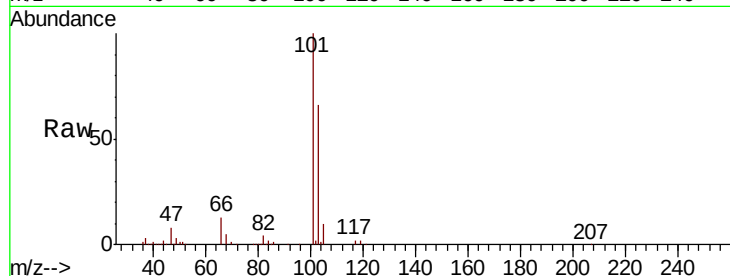
Trichlorofluoromethane
Concen: 53.105 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.5	78.7

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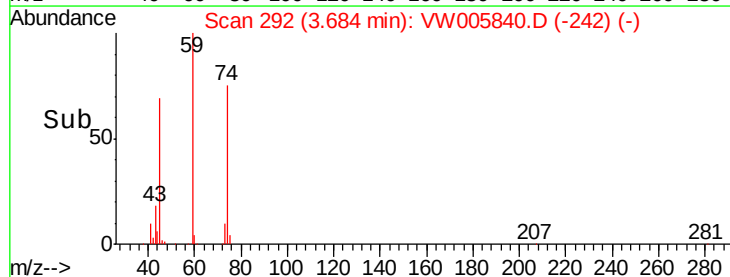
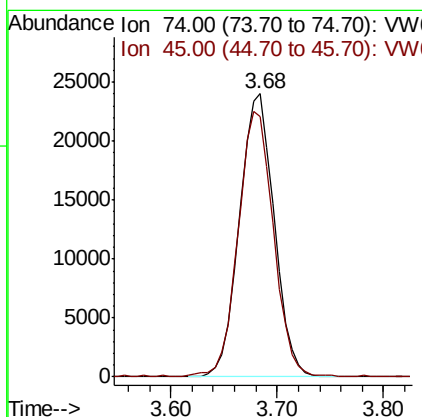
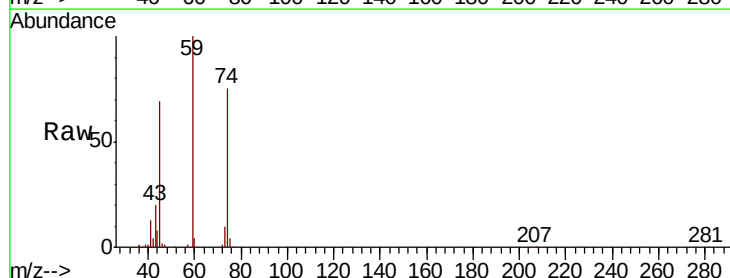
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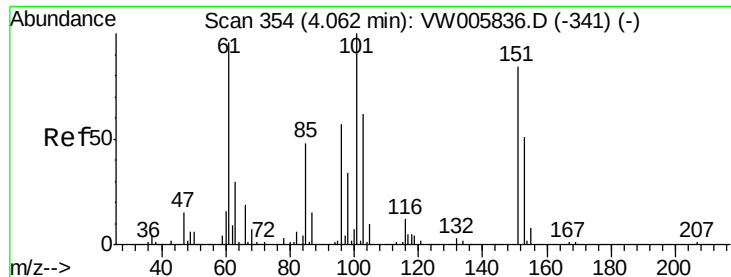


#8

Diethyl Ether
Concen: 51.105 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.122 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

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MSVOA_W

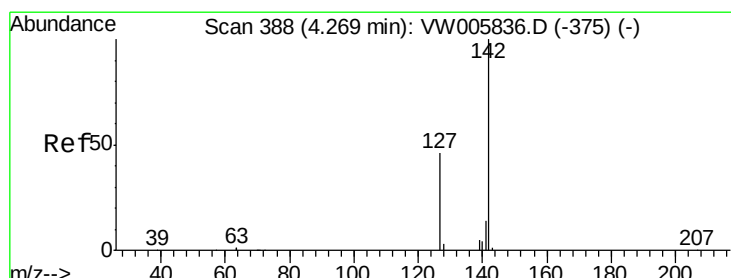
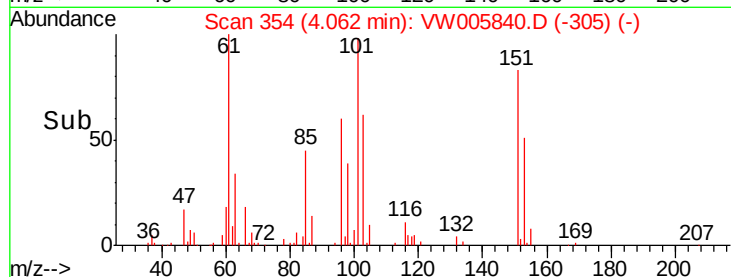
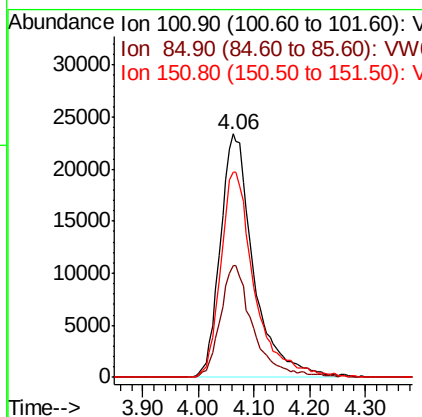
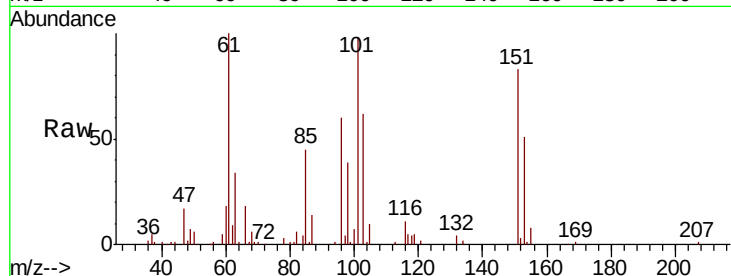
ClientSampleId :

ICVWV100418

Tot Ion:	101	Resp:	96749
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	85.2	67.4	101.2

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#10

Methyl Iodide

Concen: 52.479 ug/l

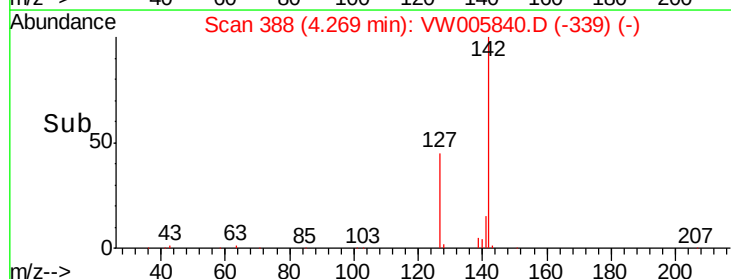
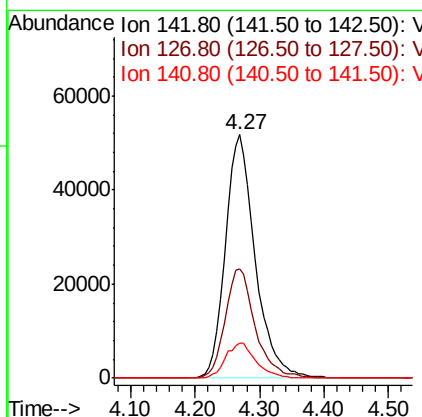
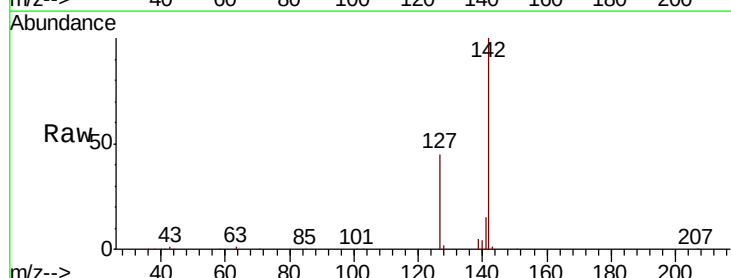
RT: 4.27 min Scan# 388

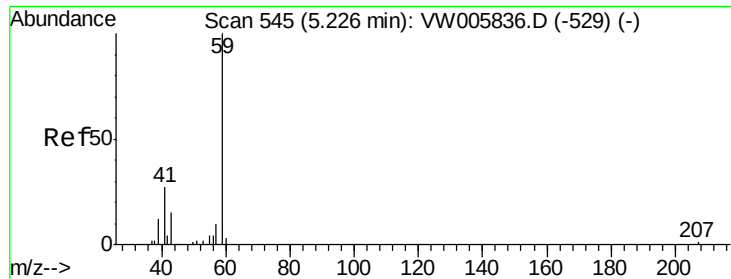
Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion:	142	Resp:	167713
Ion	Ratio	Lower	Upper
142	100		
127	45.6	37.4	56.0
141	14.8	12.2	18.2





#11

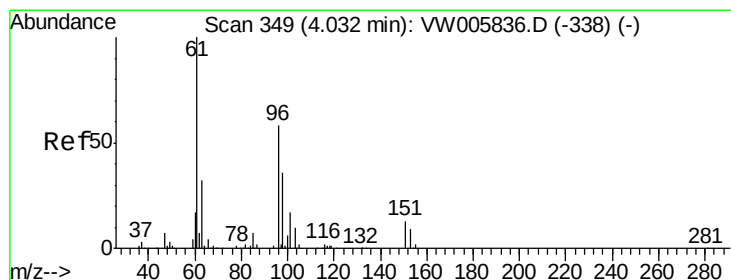
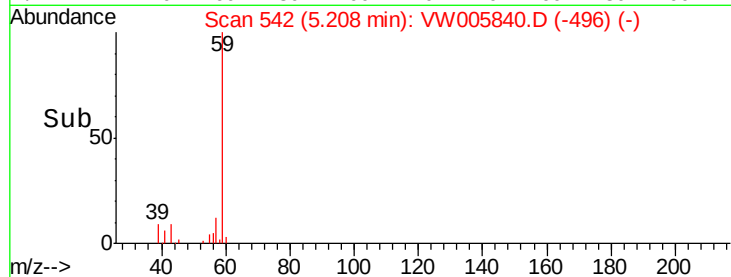
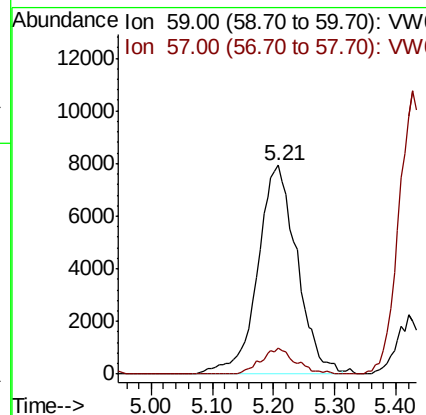
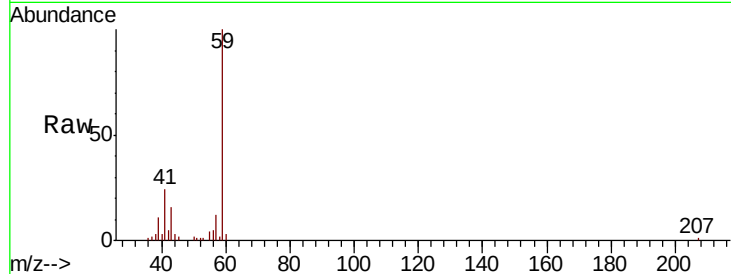
Tert butyl alcohol
Concen: 235.269 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

Tot Ion	59.00 (58.70 to 59.70): VW	Resp	35464
Ion	Ratio	Lower	Upper
59	100		
57	10.8	4.9	7.3#

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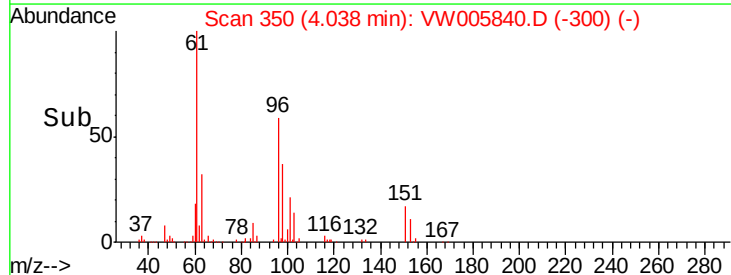
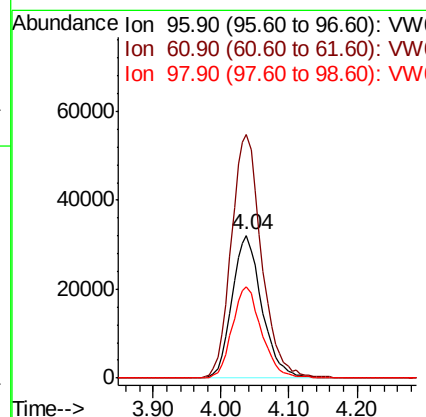
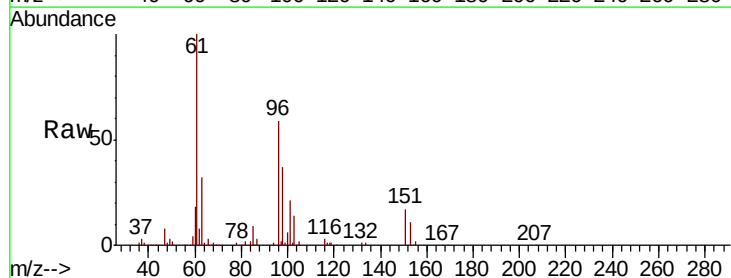
apatel
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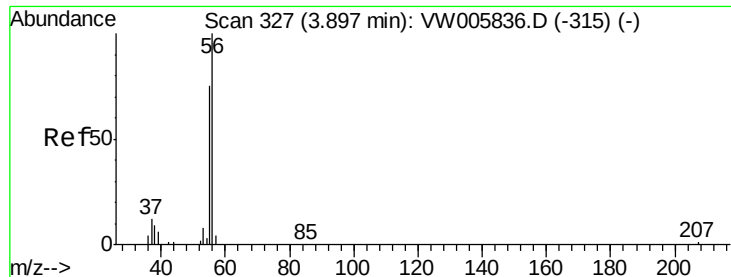


#12

1,1-Dichloroethene
Concen: 50.457 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	96	Resp	97375
Ion	Ratio	Lower	Upper
96	100		
61	170.7	138.8	208.2
98	63.7	50.6	75.8





#13

Acrolein

Concen: 213.498 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

ICVW100418

Tot Ion: 56 Resp: 32335

Ion Ratio Lower Upper

56 100

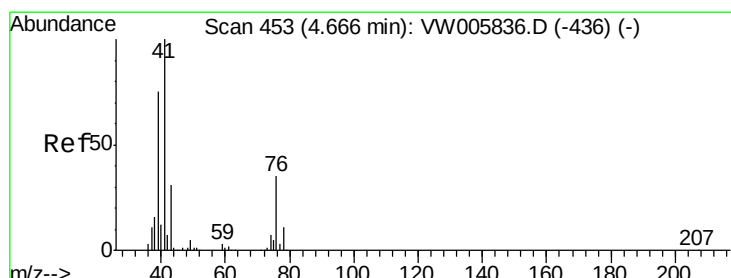
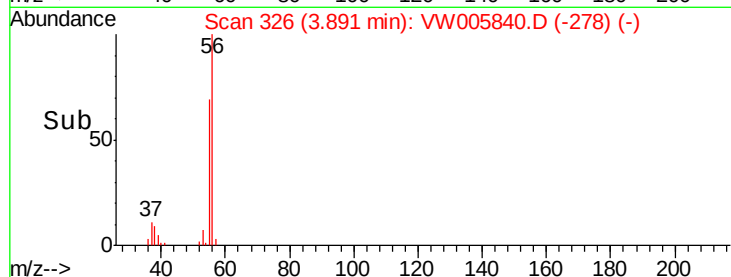
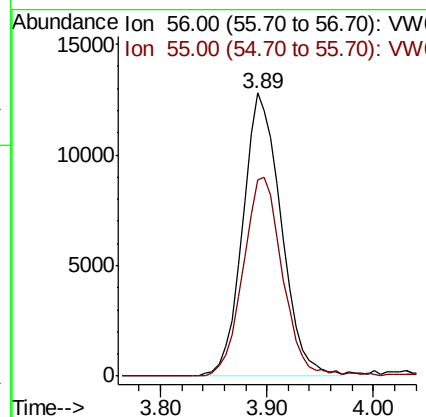
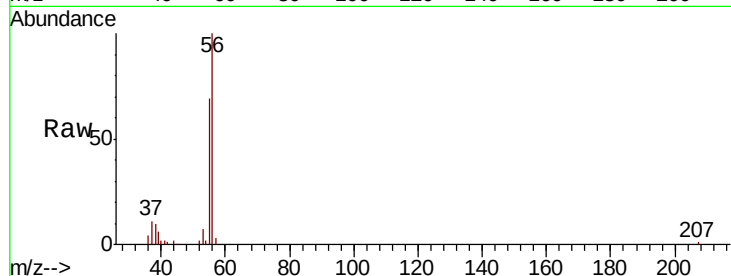
55 72.3 59.2 88.8

Manual Integrations

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#14

Allyl chloride

Concen: 52.515 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

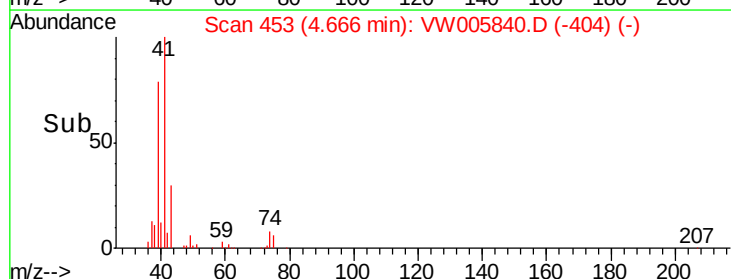
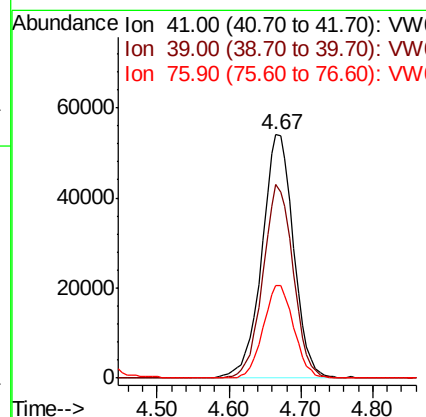
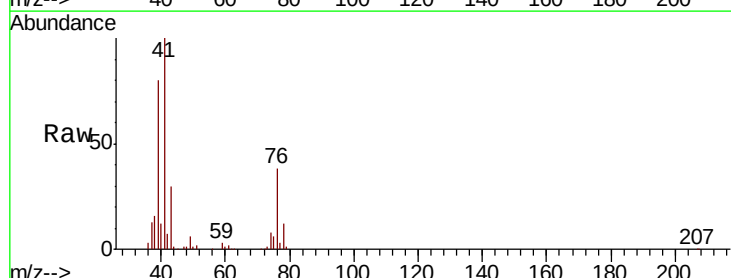
Tgt Ion: 41 Resp: 164477

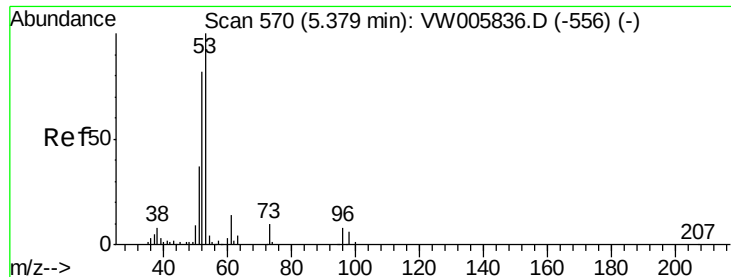
Ion Ratio Lower Upper

41 100

39 76.3 60.3 90.5

76 36.7 28.9 43.3





#15

Acrylonitrile

Concen: 252.615 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

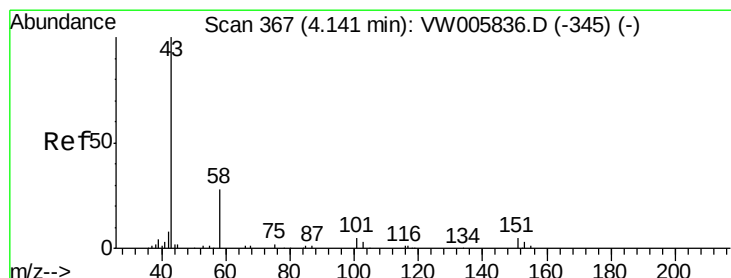
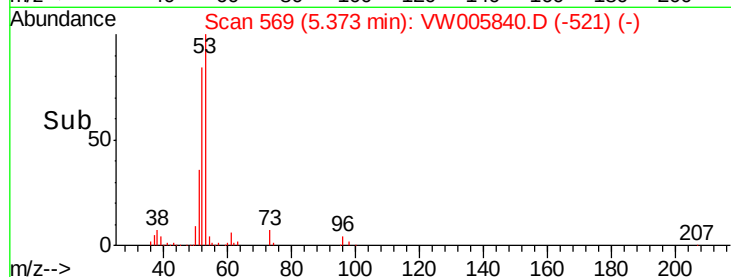
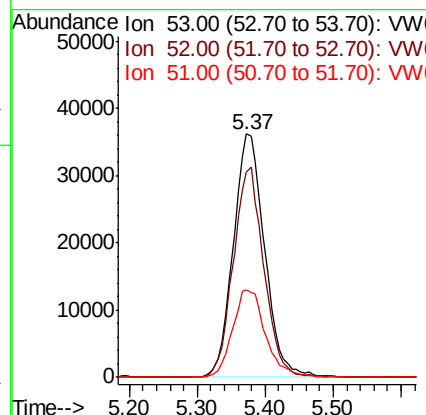
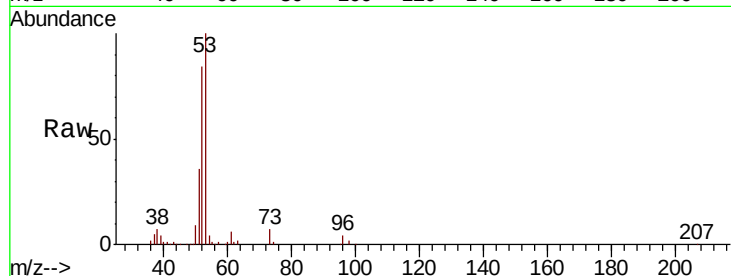
ClientSampleId :

ICVW100418

Tot Ion:	53	Resp:	115600
Ion Ratio	Lower	Upper	
53	100		
52	84.0	67.3	100.9
51	38.1	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 247.309 ug/l

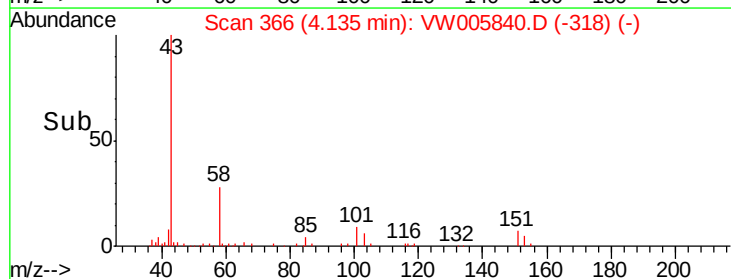
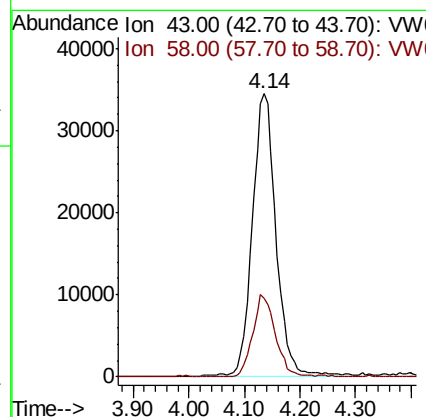
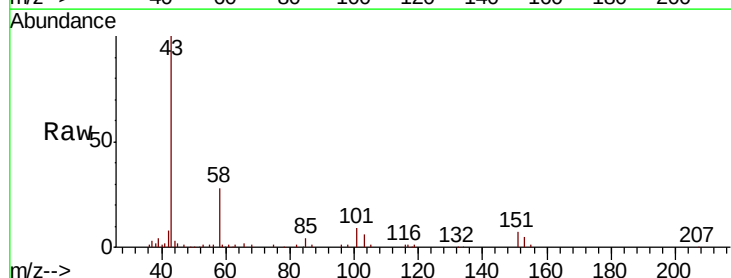
RT: 4.14 min Scan# 366

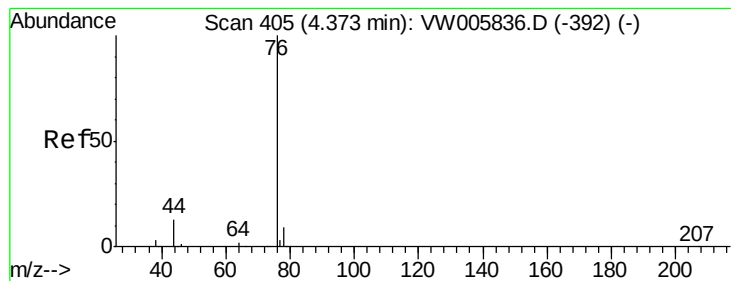
Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion:	43	Resp:	102888
Ion Ratio	Lower	Upper	
43	100		
58	27.6	23.0	34.4





#17

Carbon Disulfide

Concen: 53.324 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

Tot Ion: 76 Resp: 325380

Ion Ratio Lower Upper

76 100

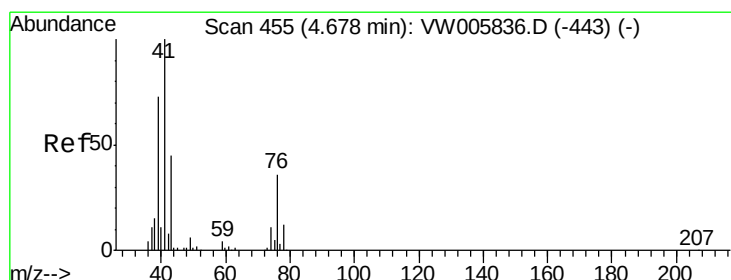
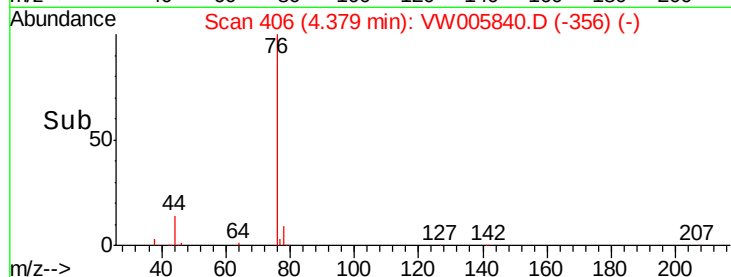
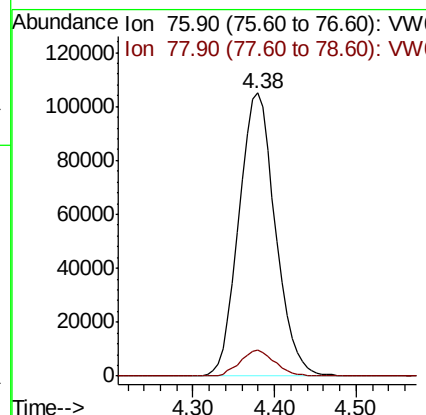
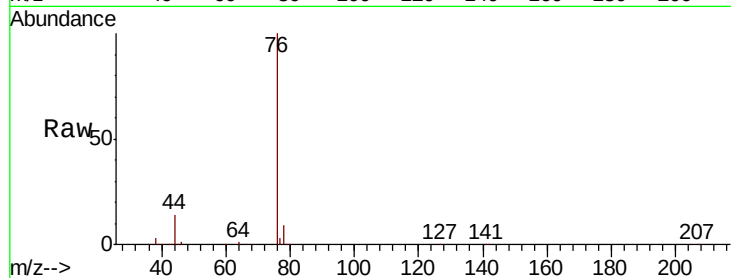
78 9.3 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 49.558 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005840.D

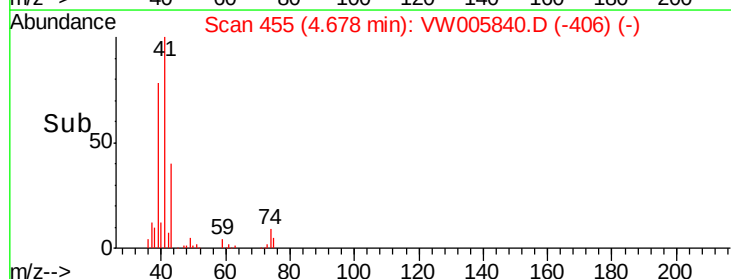
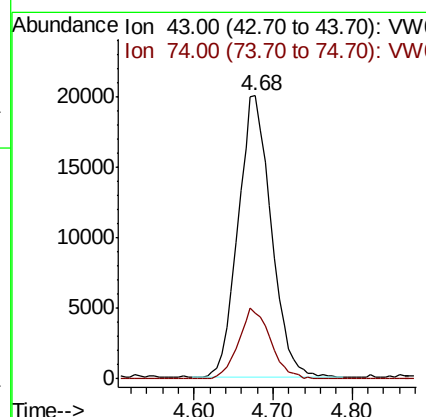
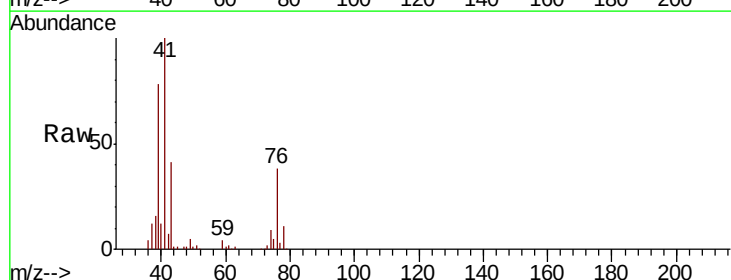
Acq: 04 Oct 2018 06:12

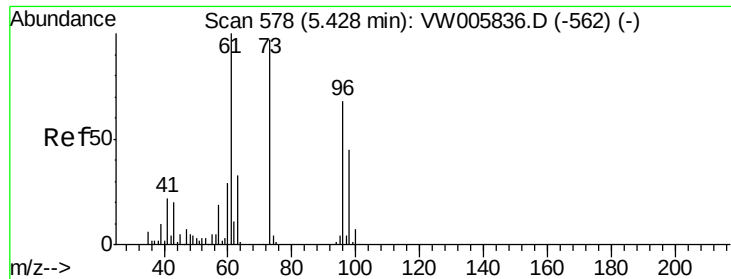
Tgt Ion: 43 Resp: 58636

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3





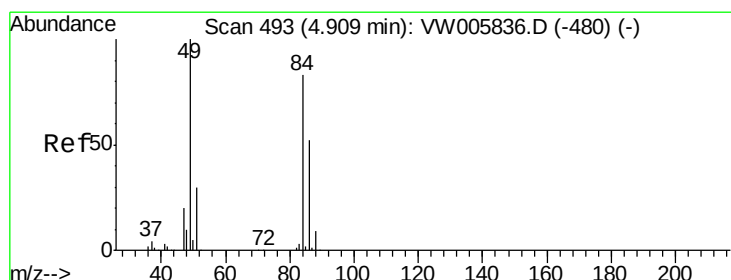
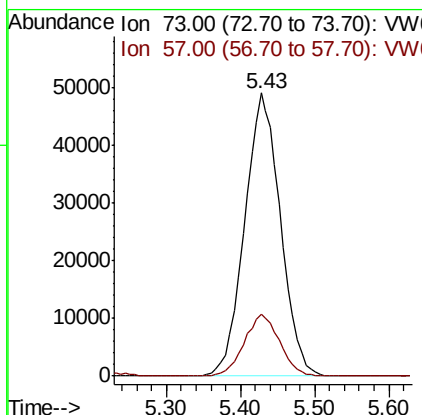
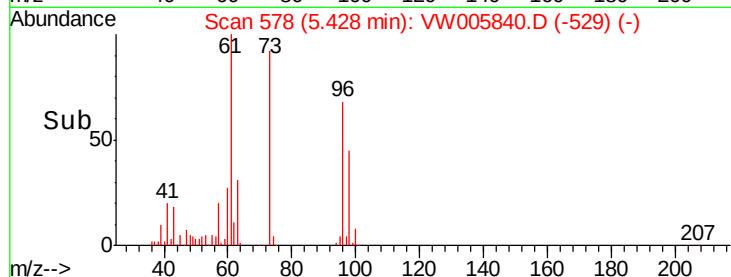
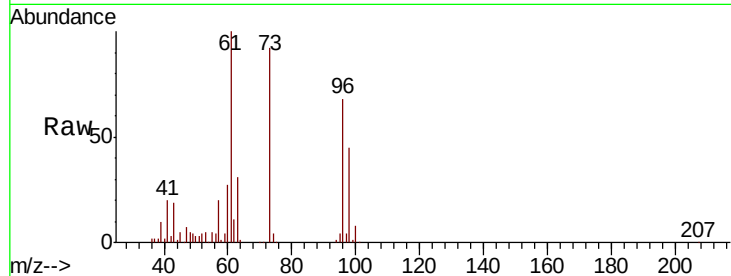
#19
Methyl tert-butyl Ether
Concen: 54.518 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampled :
ICVW100418

Tot Ion: 73 Resp: 165172
Ion Ratio Lower Upper
73 100
57 21.9 15.9 23.9

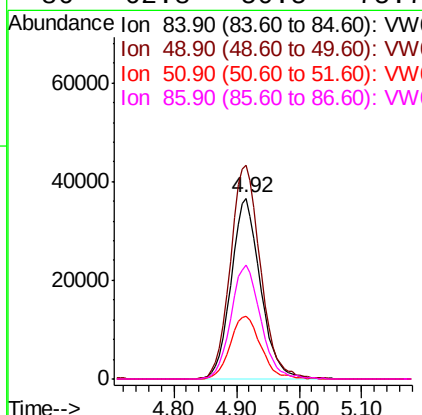
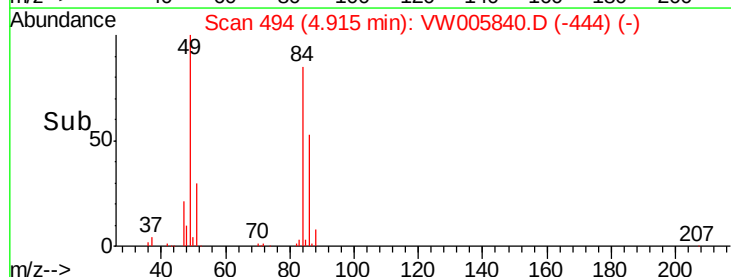
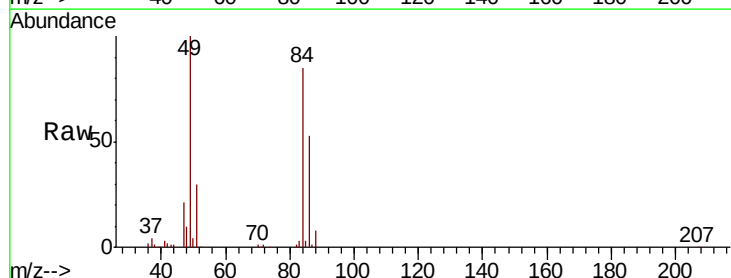
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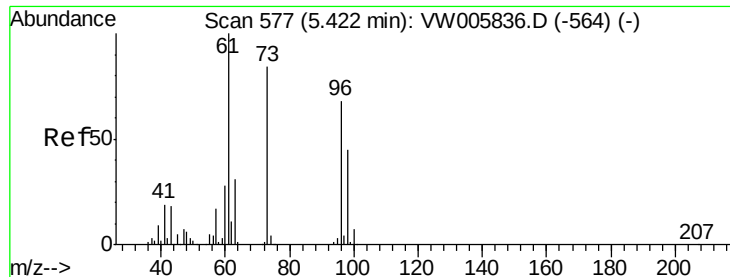
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#20
Methylene Chloride
Concen: 52.466 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 84 Resp: 118956
Ion Ratio Lower Upper
84 100
49 118.3 96.8 145.2
51 34.9 28.8 43.2
86 62.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 53.357 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

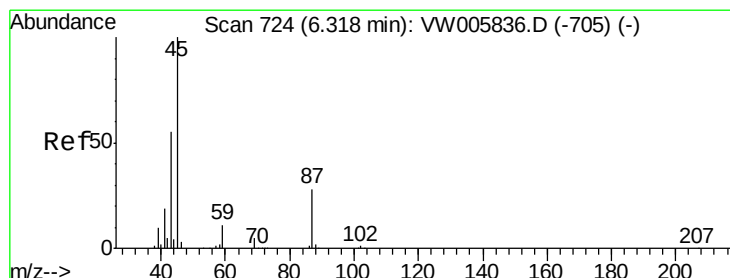
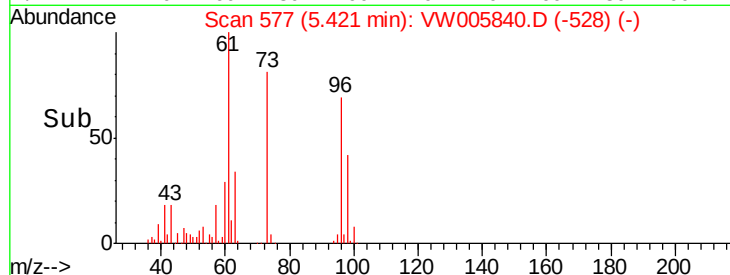
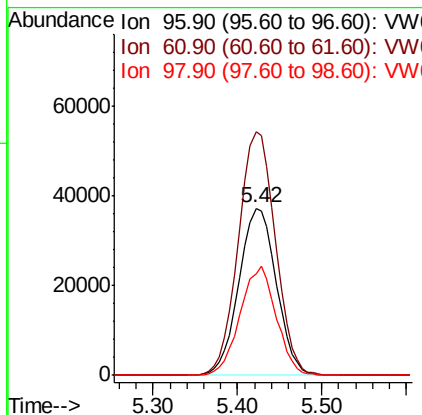
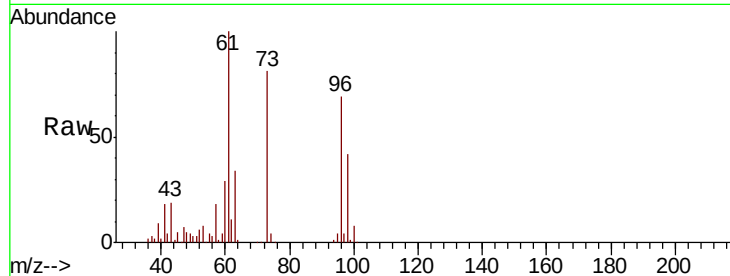
ClientSampleId :

ICVWV100418

Tot Ion:	96	Resp:	112393
Ion	Ratio	Lower	Upper
96	100		
61	145.6	117.0	175.6
98	60.8	52.2	78.2

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#22

Diisopropyl ether

Concen: 54.022 ug/l

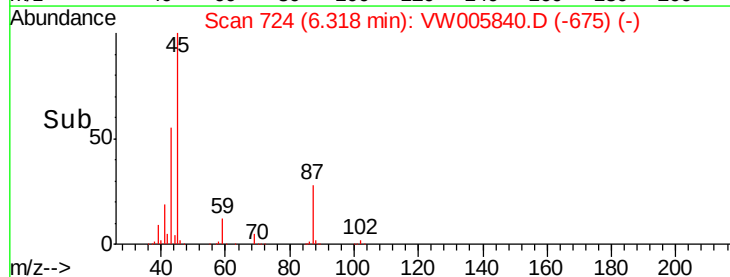
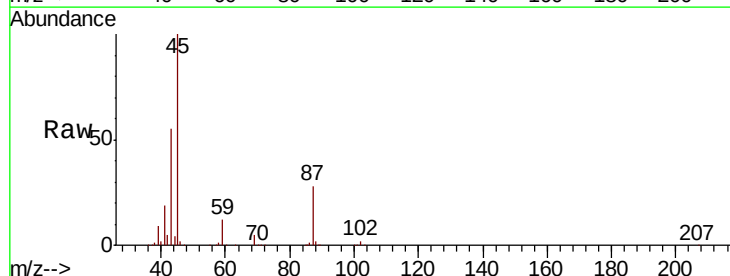
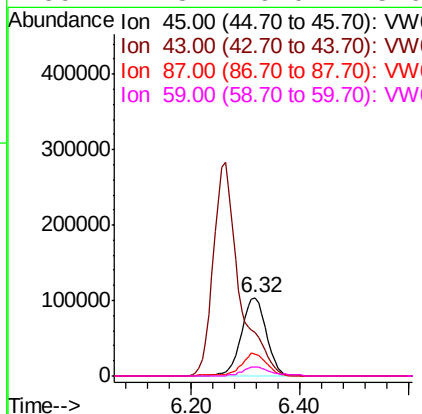
RT: 6.32 min Scan# 724

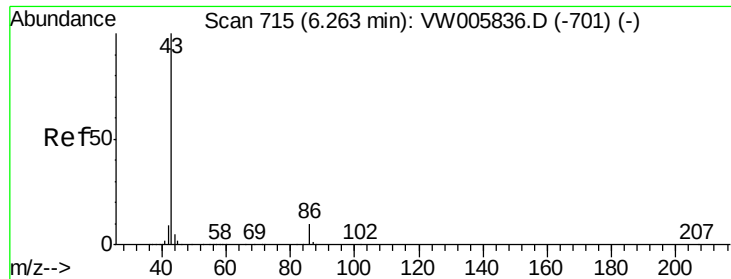
Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion:	45	Resp:	332055
Ion	Ratio	Lower	Upper
45	100		
43	55.0	44.6	67.0
87	28.2	23.4	35.2
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 267.813 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

Tot Ion: 43 Resp: 935112

Ion Ratio Lower Upper

43 100

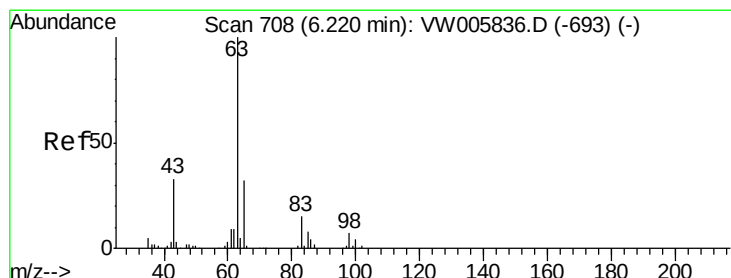
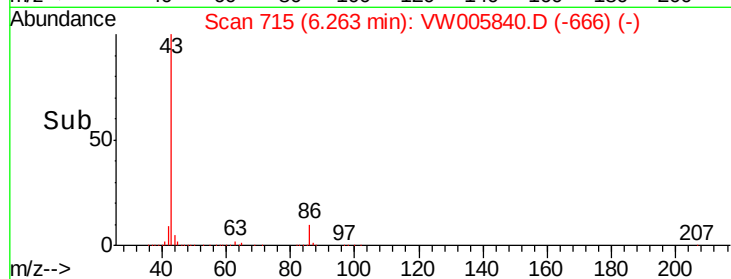
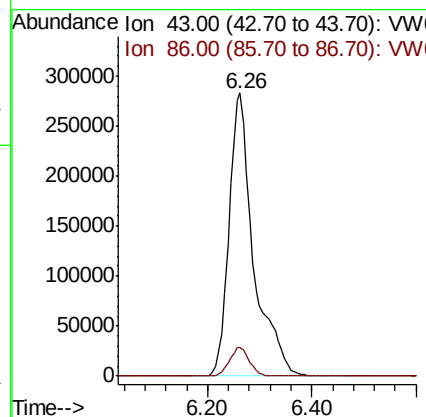
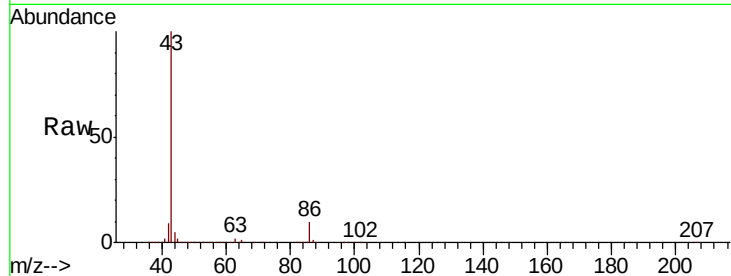
86 10.0 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 51.295 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

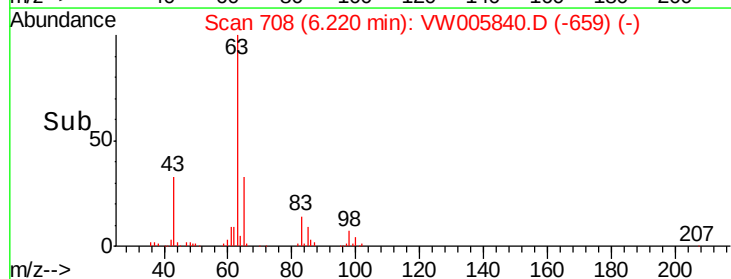
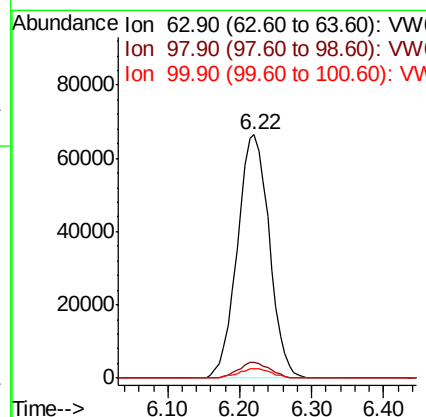
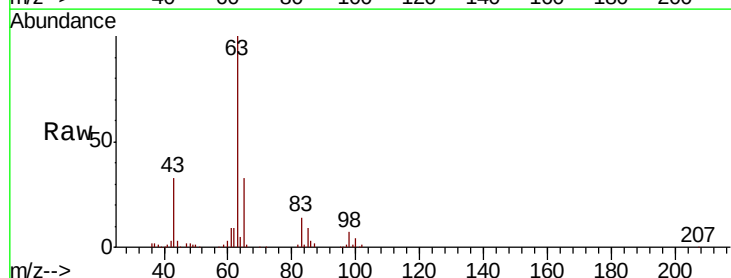
Tgt Ion: 63 Resp: 204587

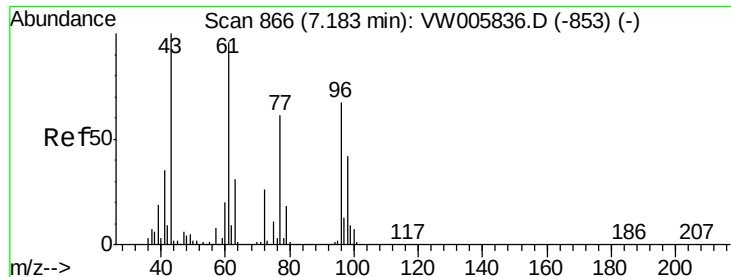
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 243.807 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

ICVW100418

Tot Ion: 43 Resp: 142682

Ion Ratio Lower Upper

43 100

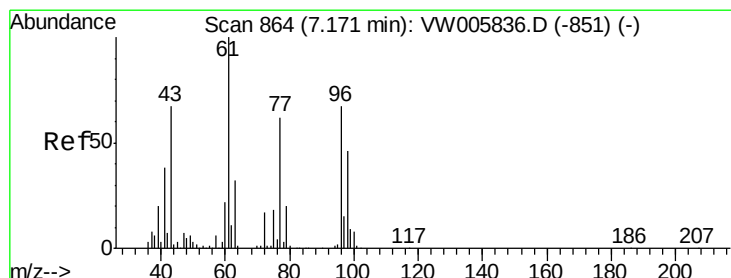
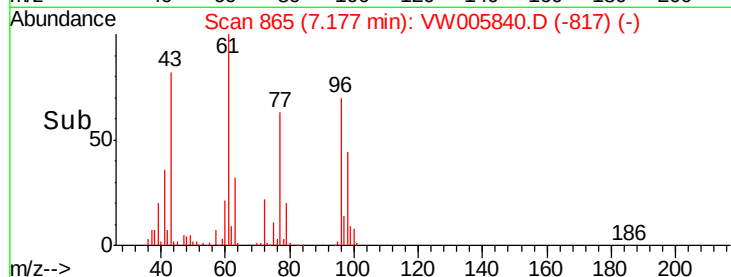
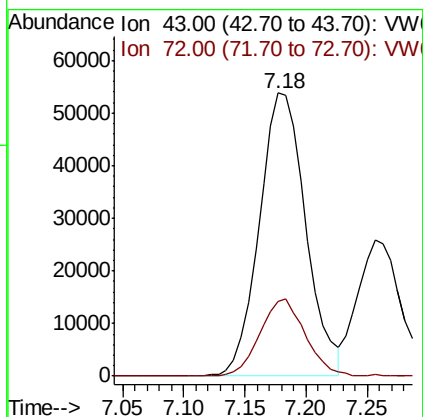
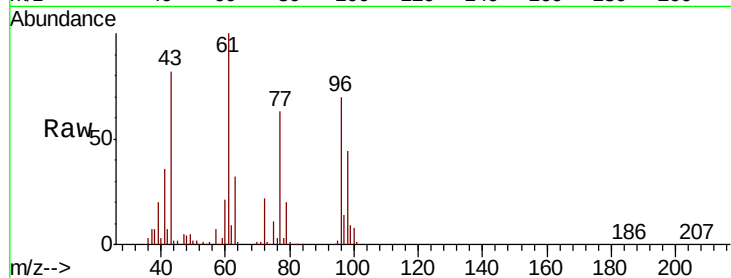
72 26.6 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.303 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005840.D

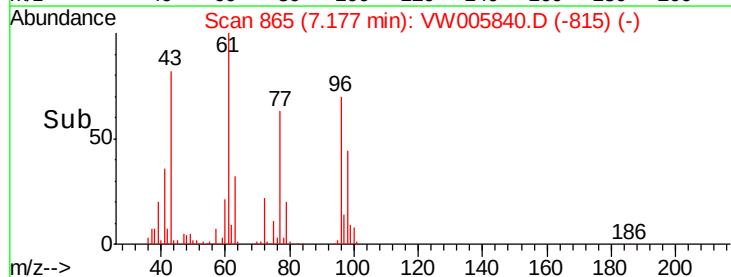
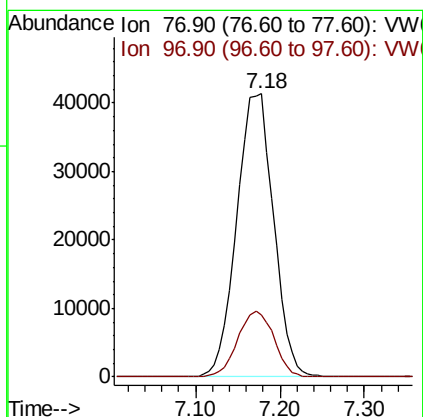
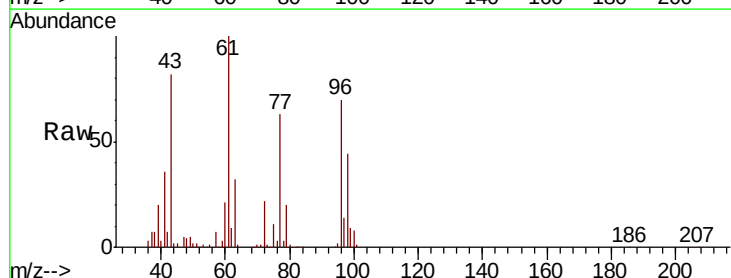
Acq: 04 Oct 2018 06:12

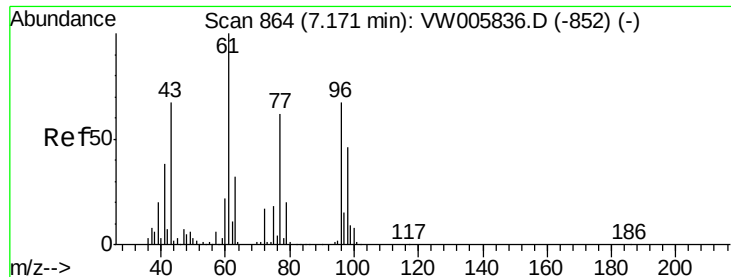
Tgt Ion: 77 Resp: 122781

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

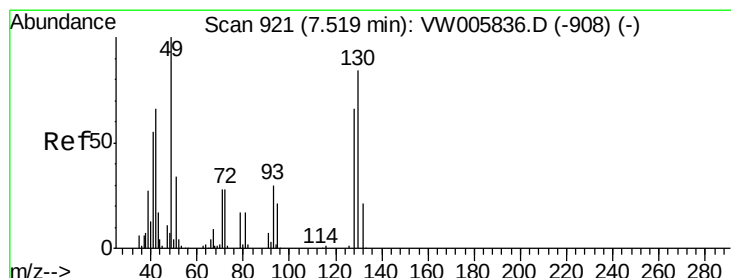
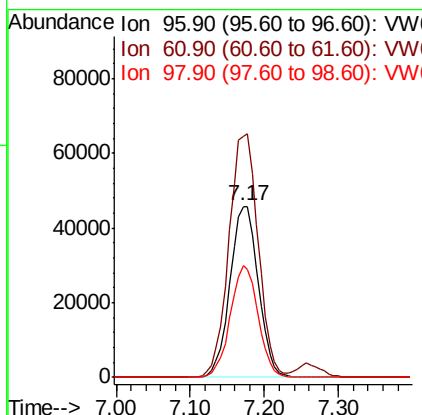
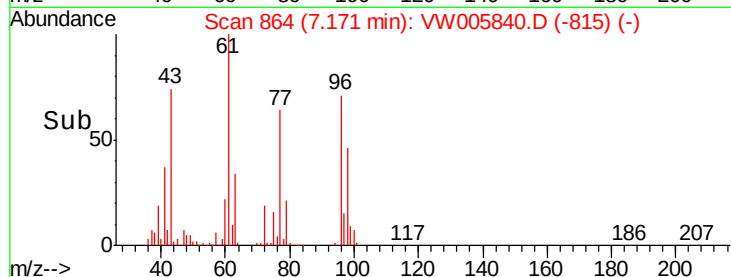
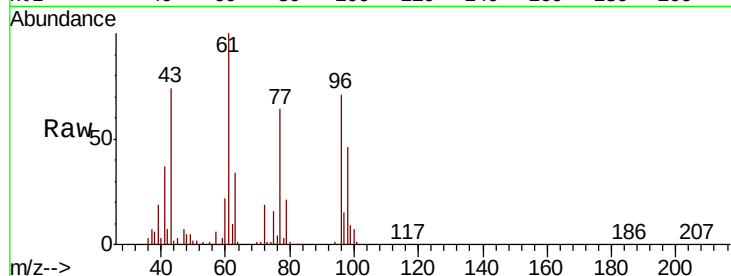
cis-1,2-Dichloroethene
Concen: 52.085 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122292		
61	147.0		0.0	296.4
98	64.3		0.0	131.4

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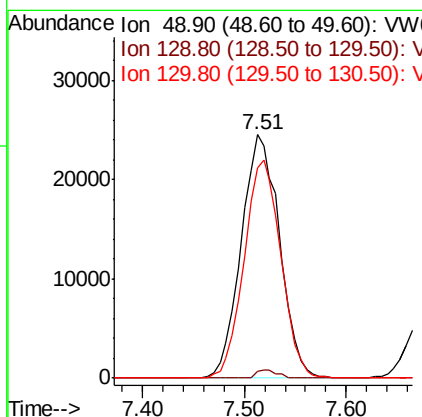
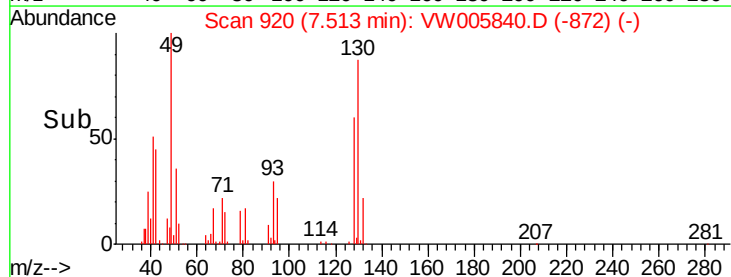
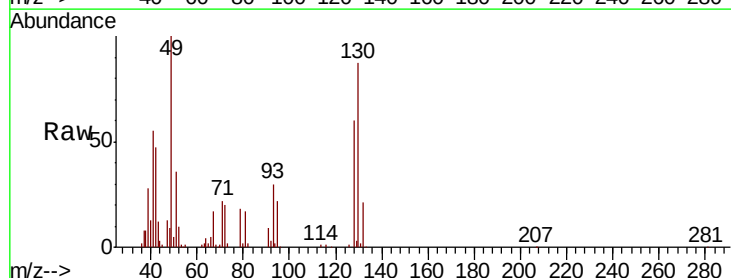
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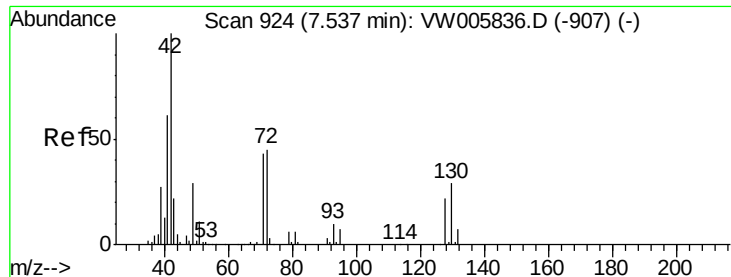


#28

Bromochloromethane
Concen: 45.423 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	63988		
129	1.8		0.0	2.2
130	86.1		66.4	99.6





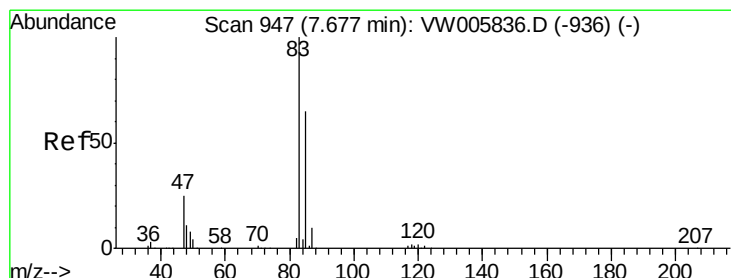
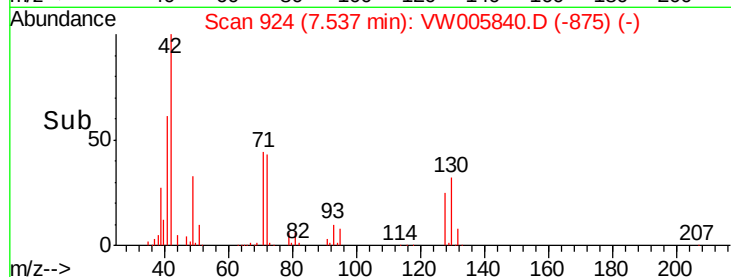
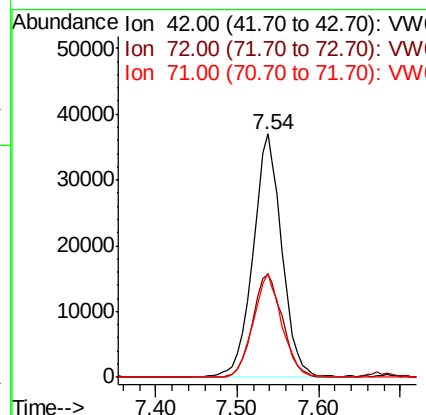
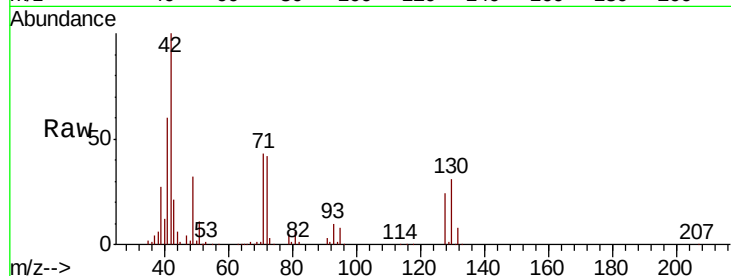
#29
Tetrahydrofuran
Concen: 252.629 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.6	51.8
71	42.3	33.6	50.4

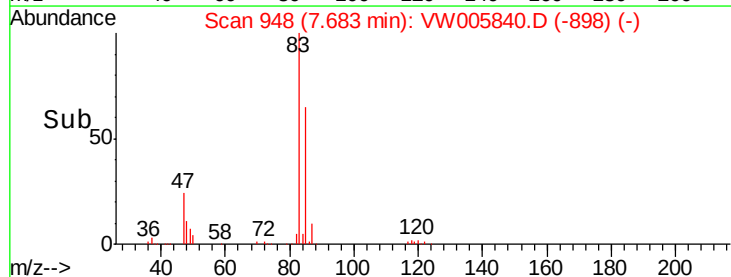
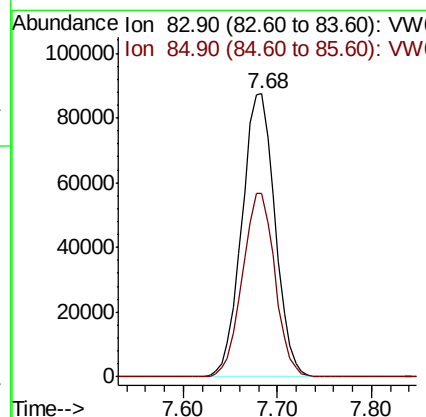
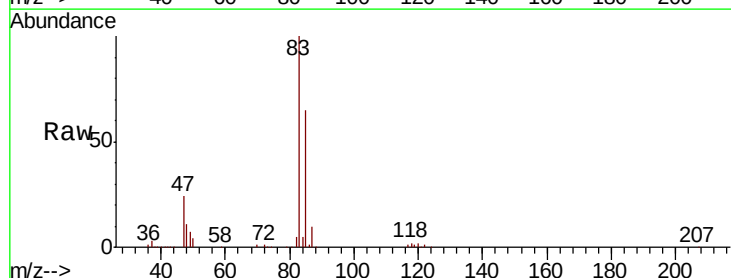
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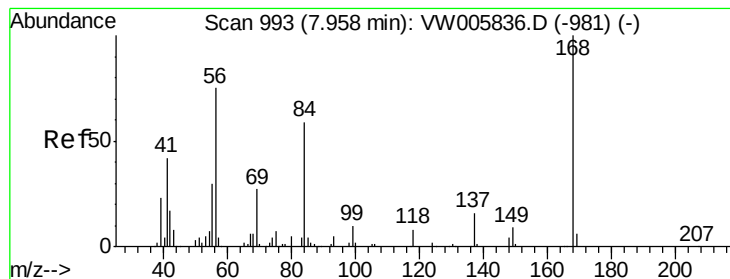
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#30
Chloroform
Concen: 50.461 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





#31

Cyclohexane

Concen: 50.068 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

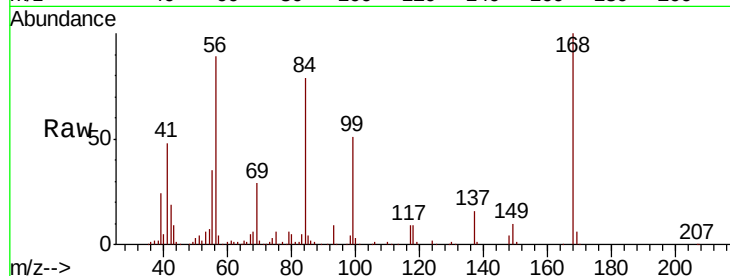
ClientSampled :

ICVWV100418

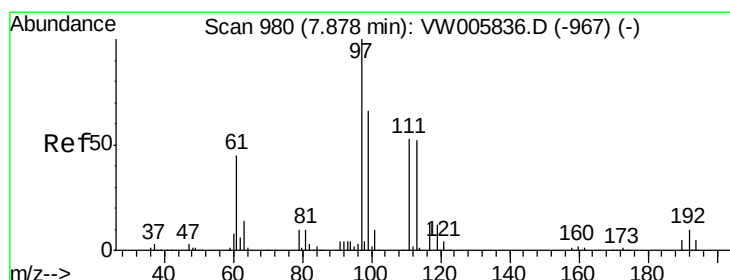
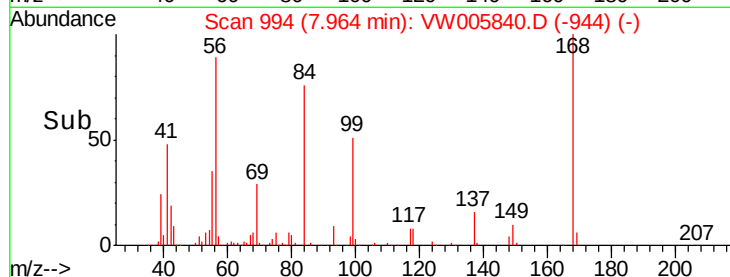
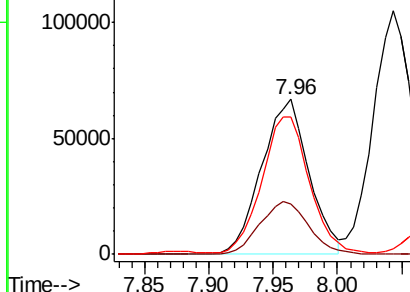
Tot Ion:	56	Resp:	170714
Ion Ratio	Lower	Upper	
56	100		
69	32.1	29.0	43.4
84	87.0	63.5	95.3

Manual Integrations
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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: 51.281 ug/l

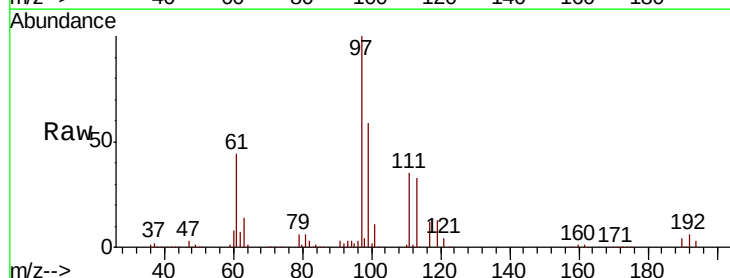
RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

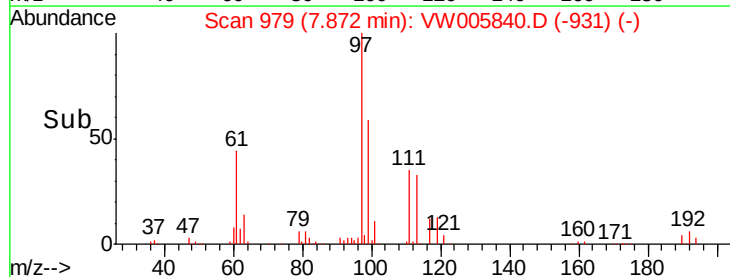
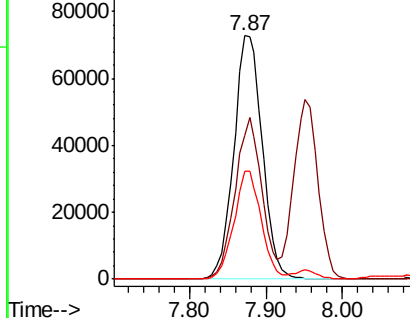
Lab File: VW005840.D

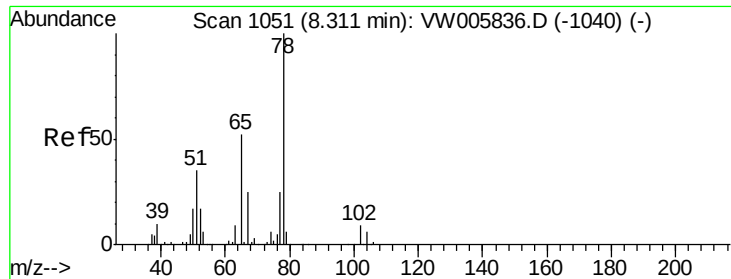
Acq: 04 Oct 2018 06:12

Tgt Ion:	97	Resp:	187074
Ion Ratio	Lower	Upper	
97	100		
99	62.7	51.2	76.8
61	42.6	35.5	53.3



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





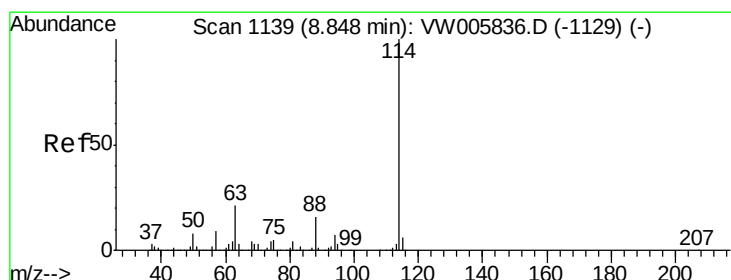
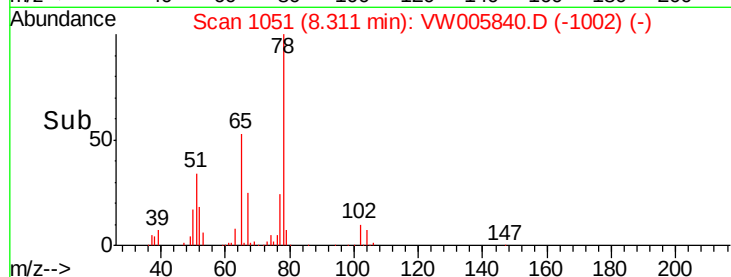
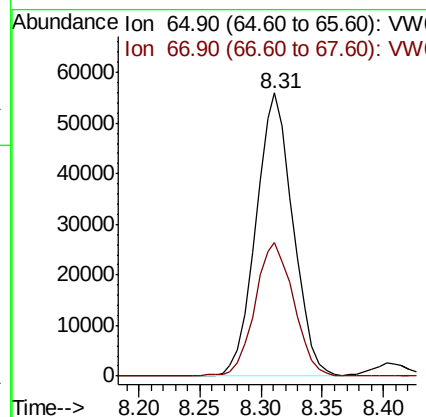
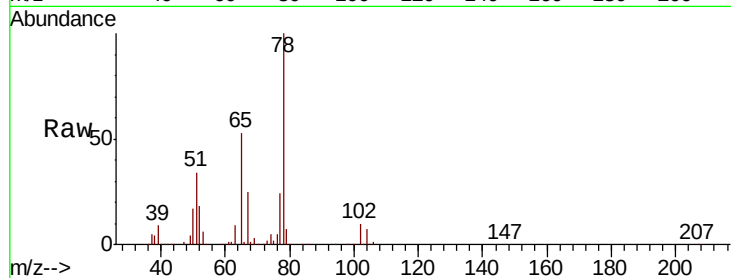
#33
 1,2-Dichloroethane-d4
 Concen: 47.166 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117578		
67	49.4	0.0	98.0	

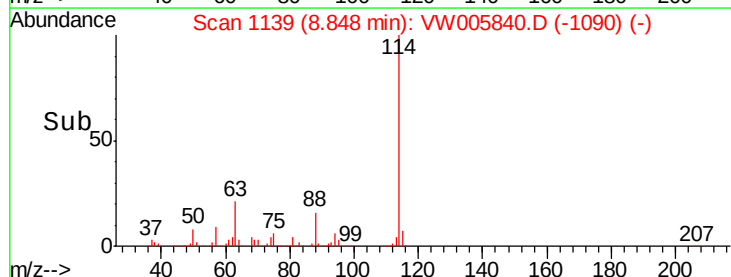
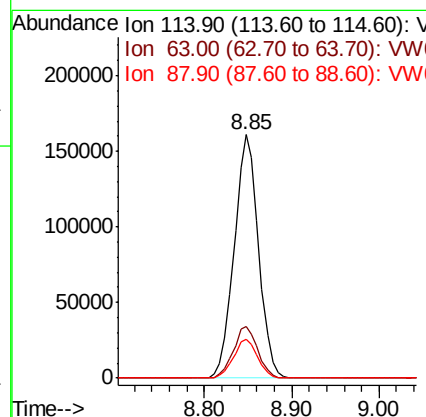
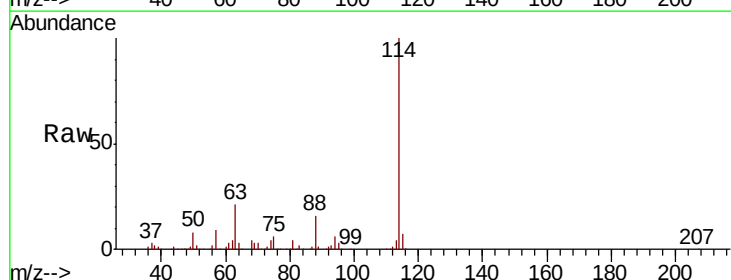
Manual Integrations
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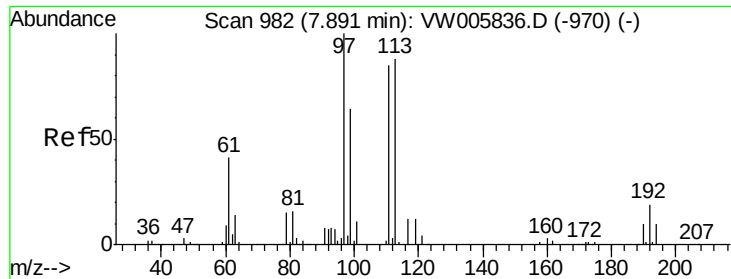
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	309738		
63	21.2	0.0	42.0	
88	15.7	0.0	31.2	





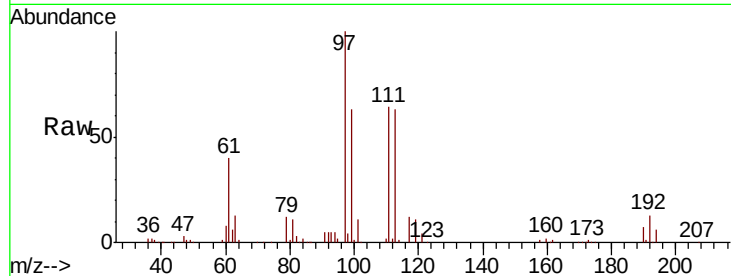
#35
 Dibromofluoromethane
 Concen: 49.858 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101219		
111	101.6	81.4	122.2	
192	21.3	17.3	25.9	

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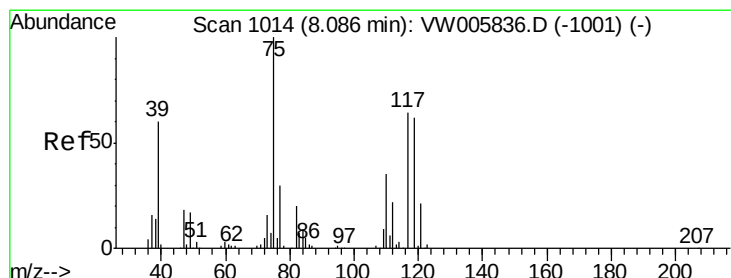
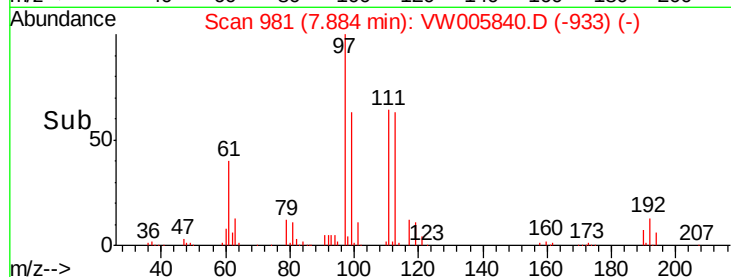
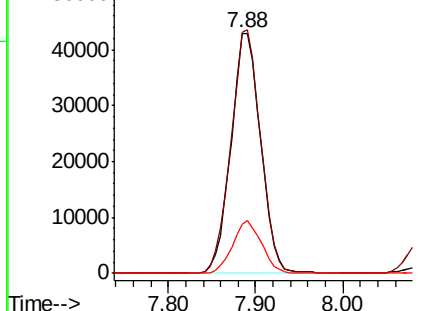


Abundance

Ion 112.80 (112.50 to 113.50): V

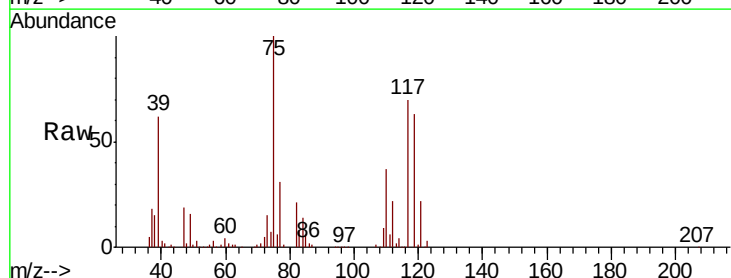
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.937 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159905		
110	35.2	17.5	52.6	
77	31.5	24.8	37.2	

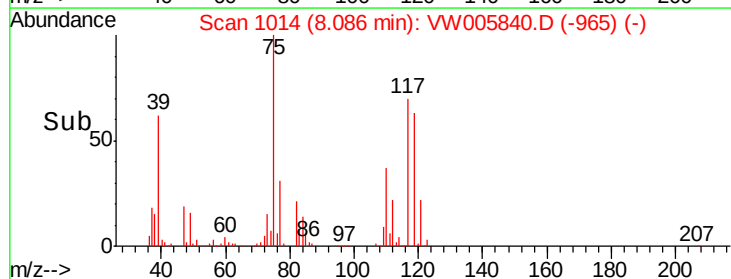
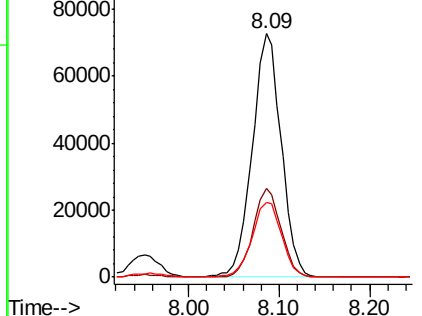


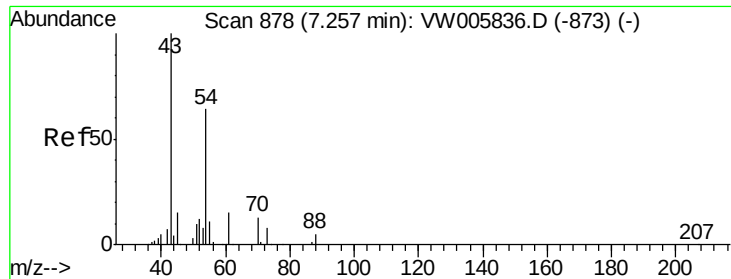
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





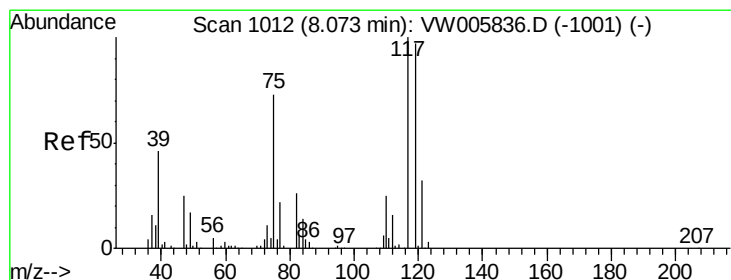
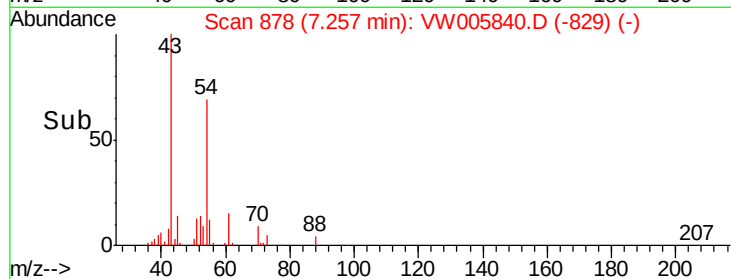
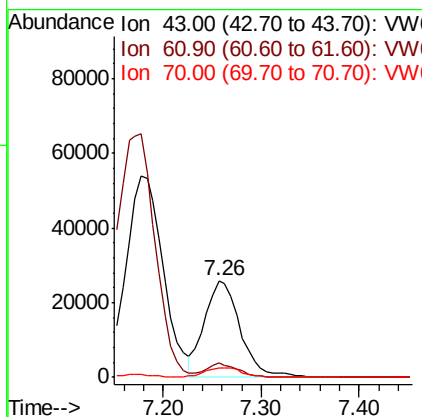
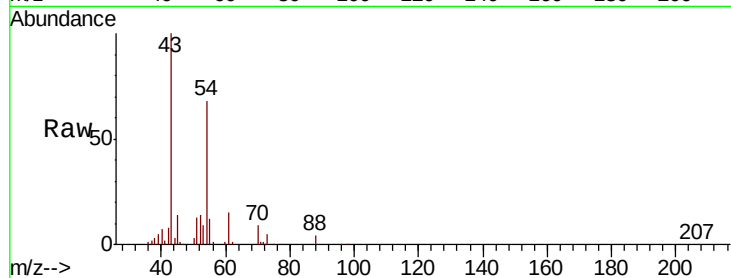
#37
Ethyl Acetate
Concen: 50.709 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampled :
ICVWV100418

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.2	16.8
70	10.4	8.6	13.0

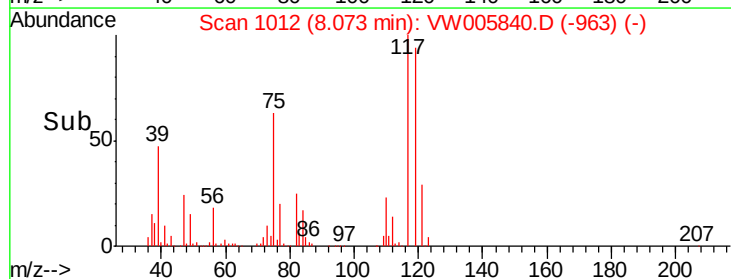
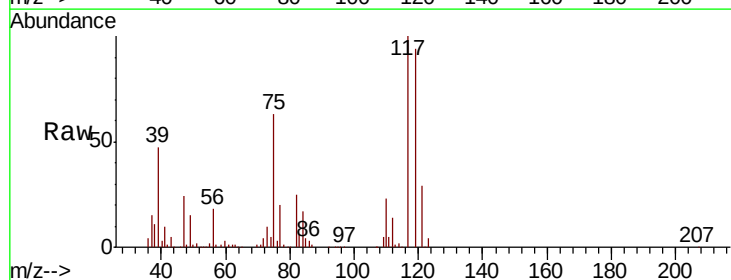
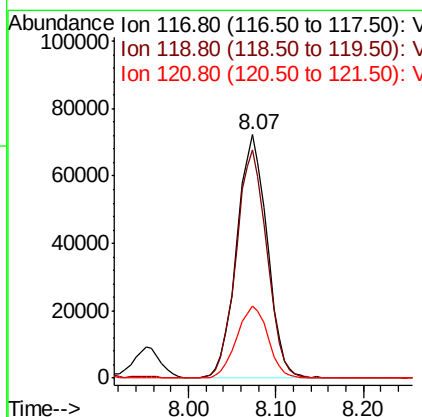
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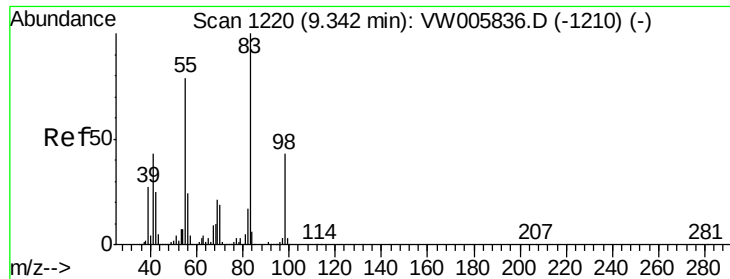
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#38
Carbon Tetrachloride
Concen: 51.075 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.9	116.9
121	29.5	25.2	37.8





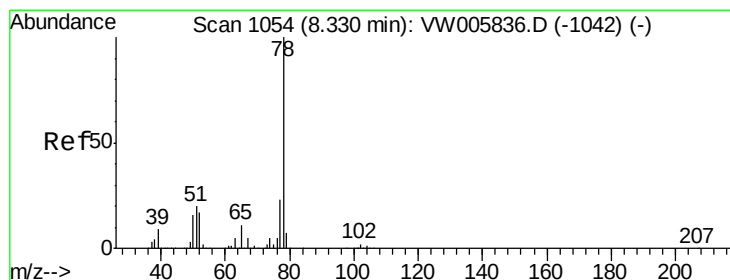
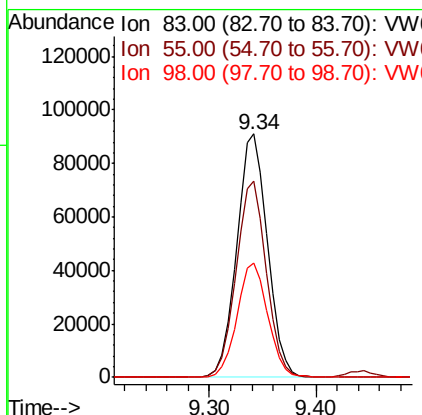
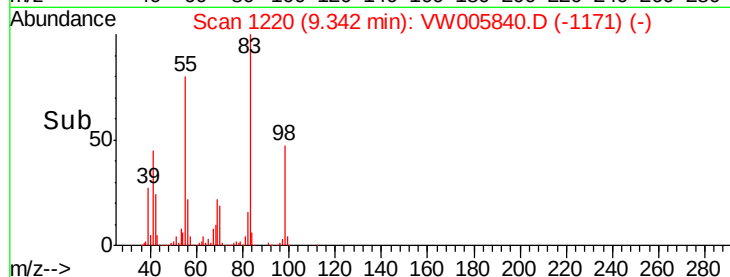
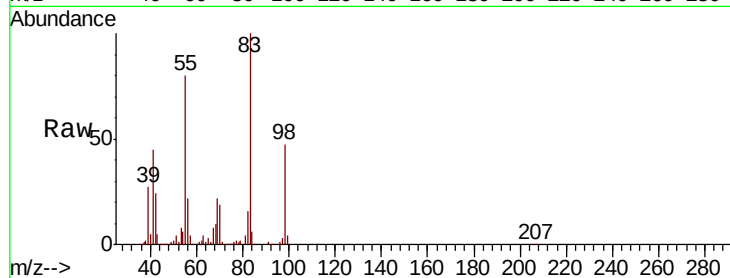
#39
Methylvlcyclohexane
Concen: 53.173 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	63.0	94.4
98	46.9	34.5	51.7

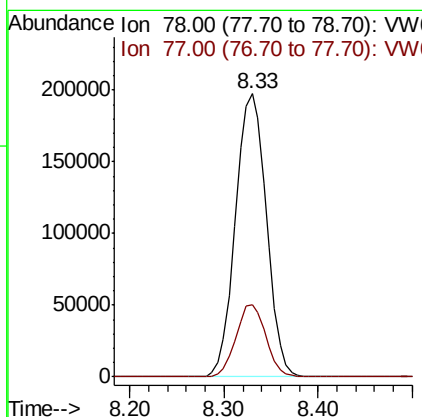
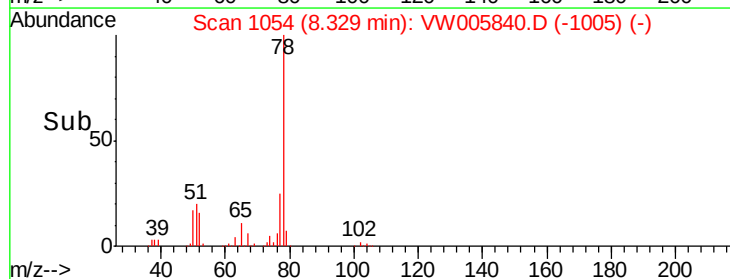
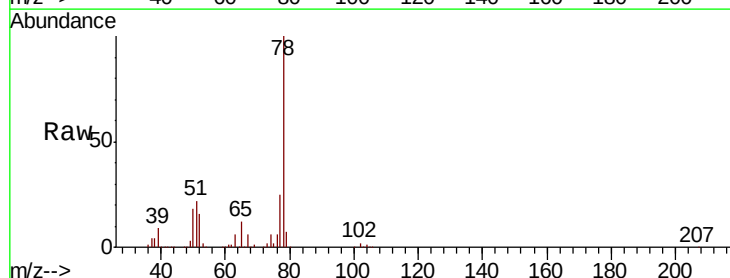
Manual Integrations
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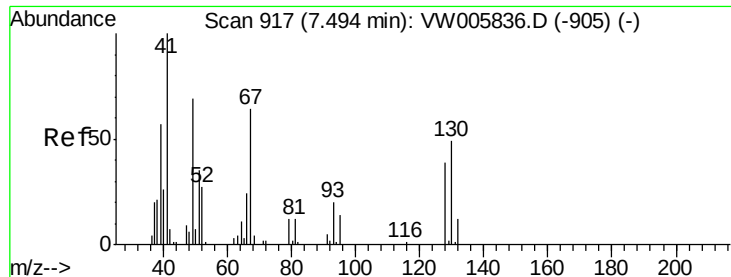
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#40
Benzene
Concen: 50.692 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.6	28.0





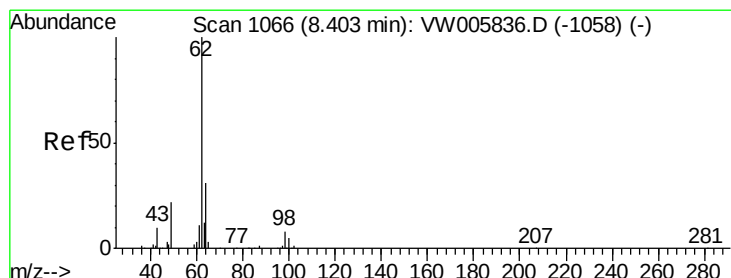
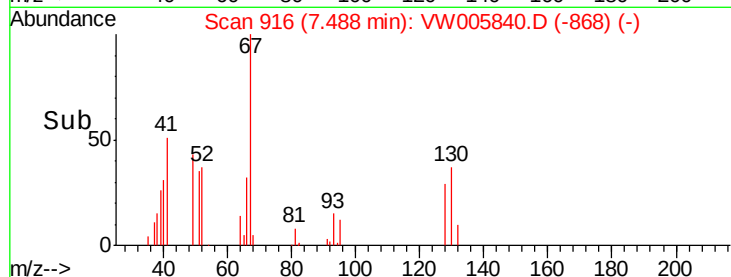
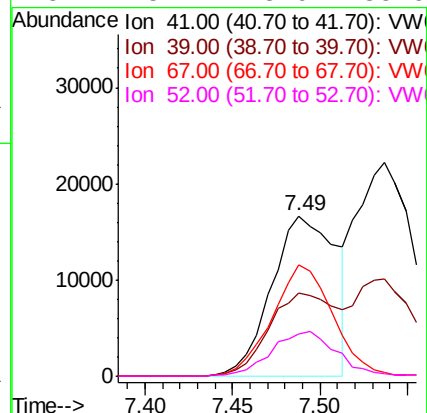
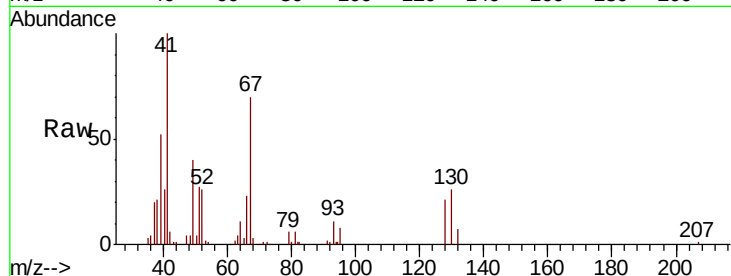
#41
Methacrylonitrile
Concen: 55.905 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	45.6	68.4	
67	65.6	53.6	80.4	
52	28.2	23.9	35.9	

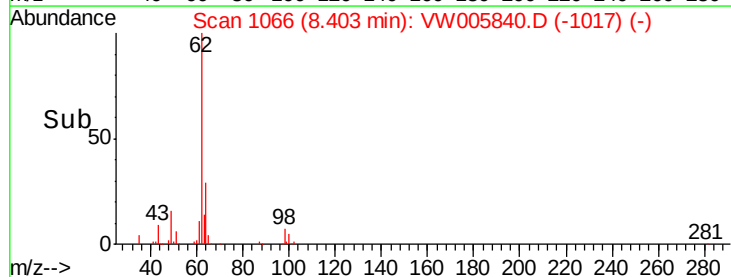
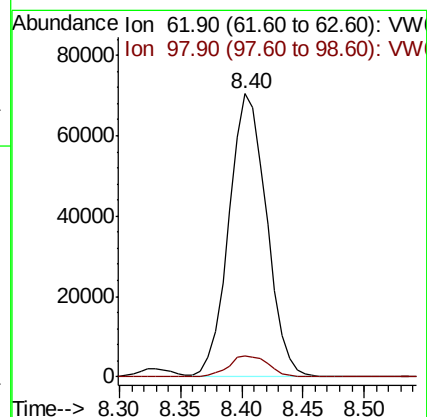
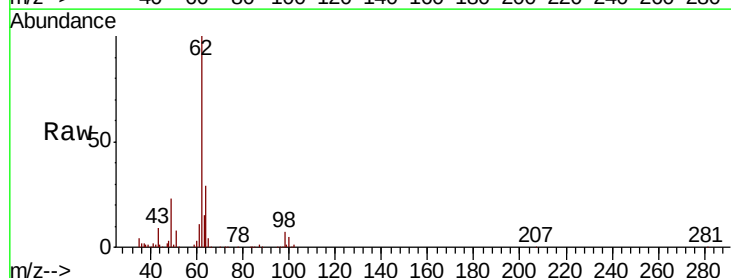
Manual Integrations
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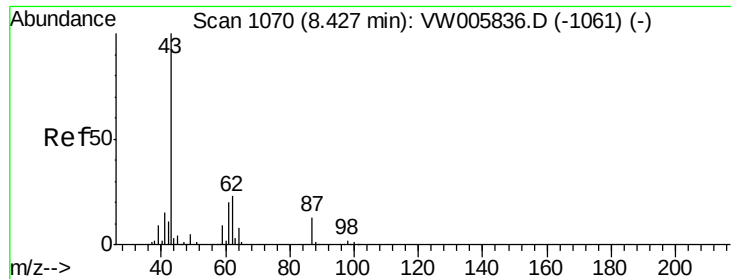
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#42
1,2-Dichloroethane
Concen: 49.923 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	16.2	





#43

Isopropyl Acetate

Concen: 50.830 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

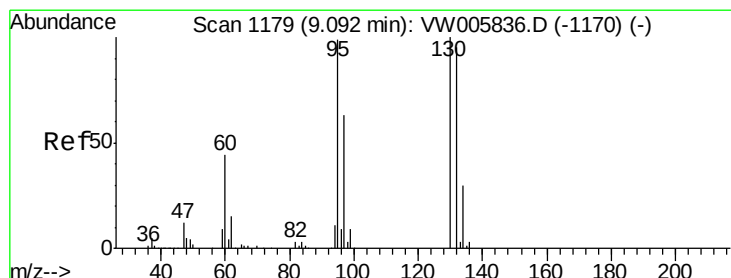
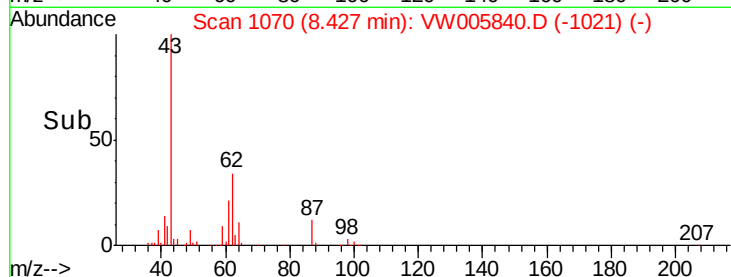
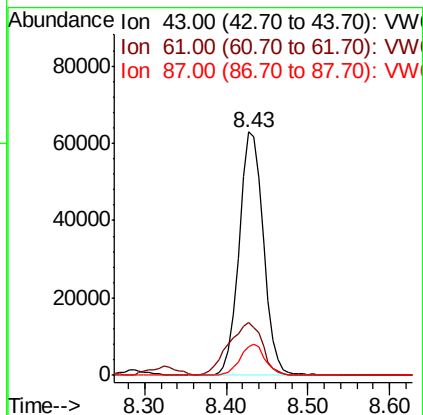
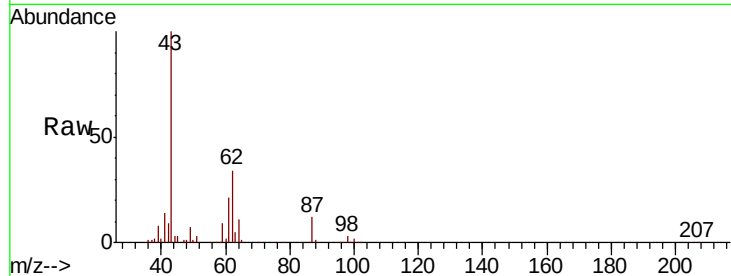
ClientSampleId :

ICVW100418

Tot Ion:	43	Resp:	128740
Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.1	36.1
87	13.2	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 51.132 ug/l

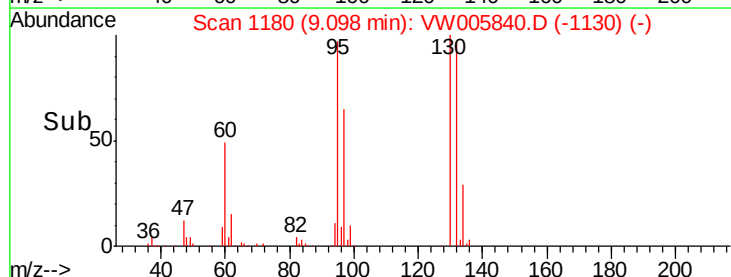
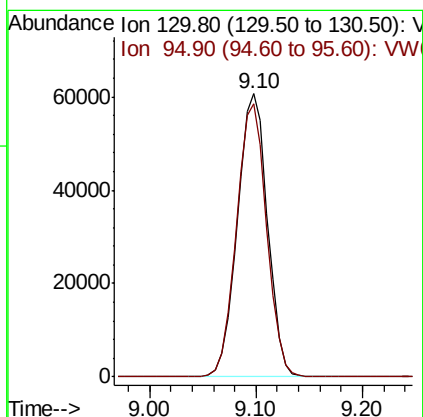
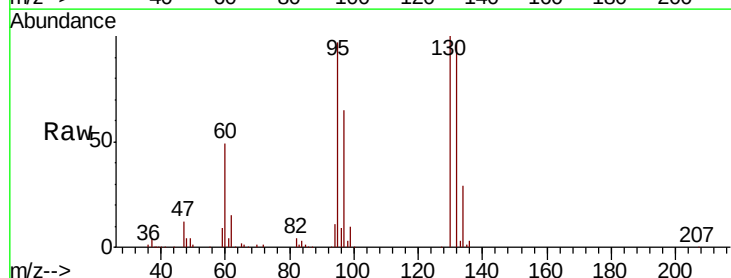
RT: 9.10 min Scan# 1180

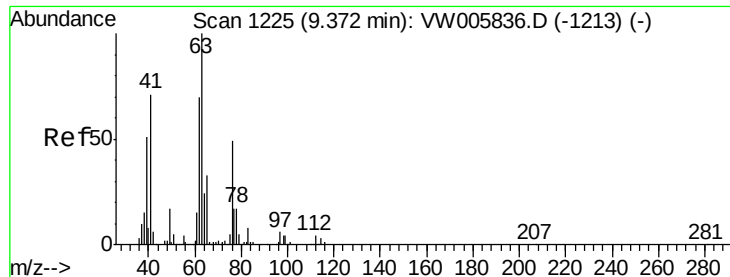
Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion:	130	Resp:	120586
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	197.6





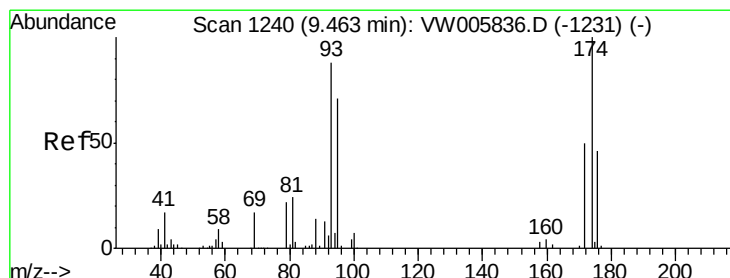
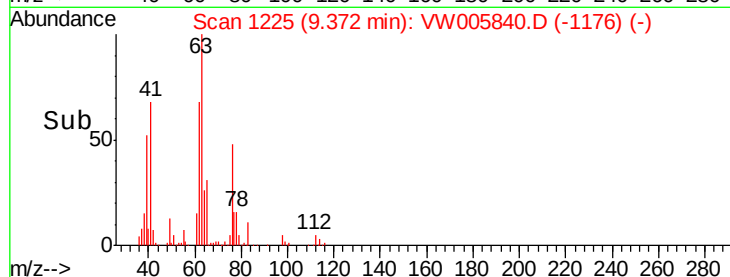
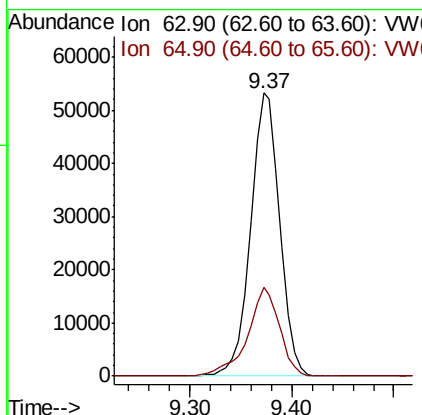
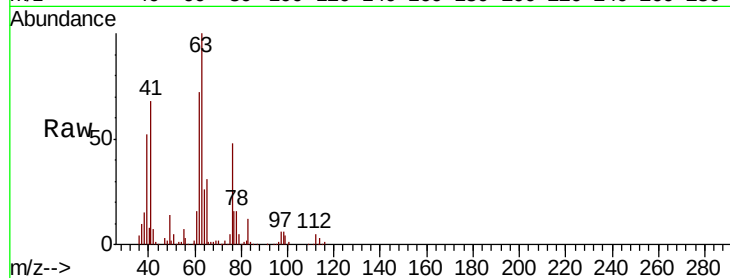
#45
 1,2-Dichloropropane
 Concen: 50.112 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW100418

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	26.1	39.1

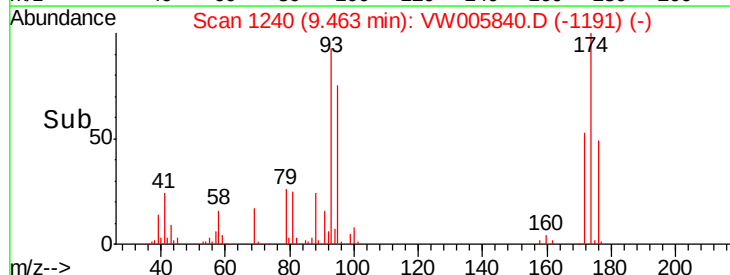
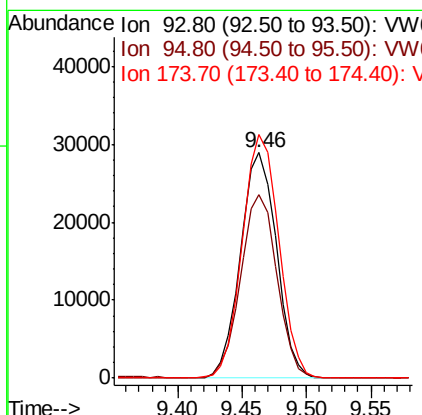
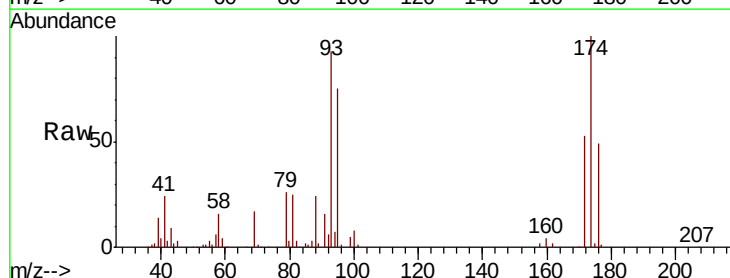
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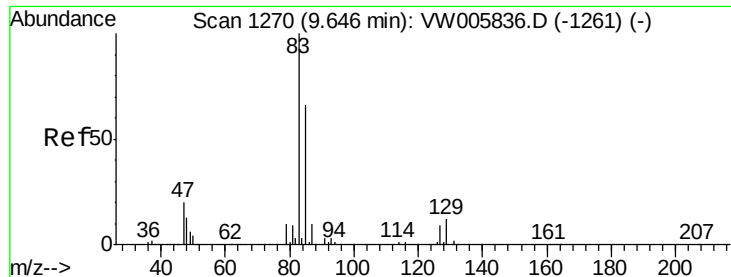
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#46
 Dibromomethane
 Concen: 48.539 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.9	98.9
174	109.6	88.4	132.6





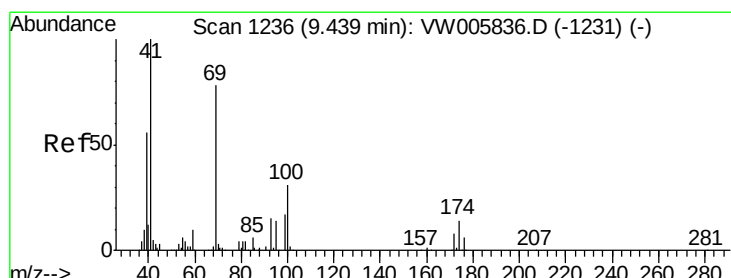
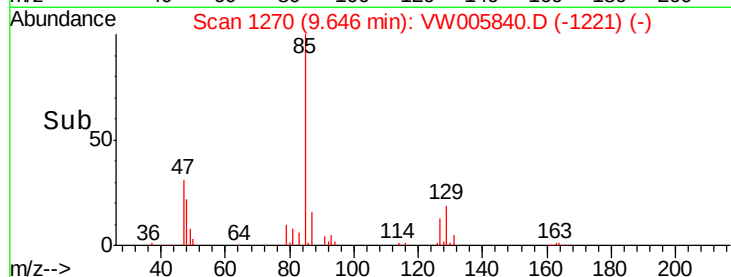
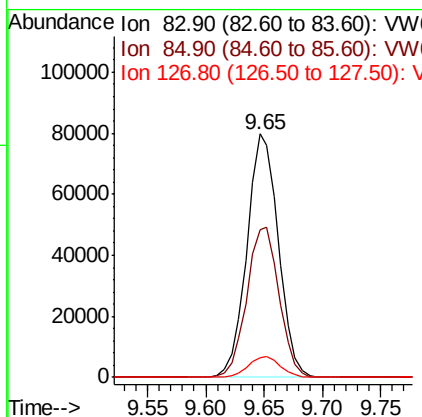
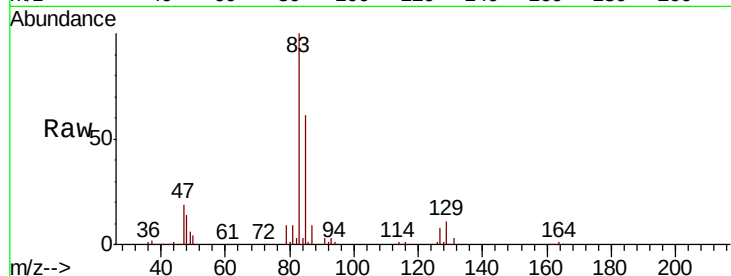
#47
Bromodichloromethane
Concen: 49.142 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

Tot Ion	Ratio	Lower	Upper
83	100		
85	60.9	52.6	78.8
127	7.9	7.4	11.0

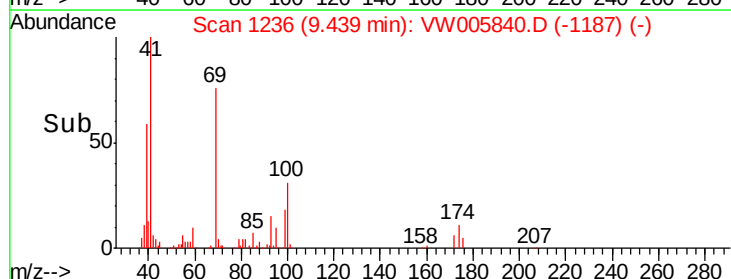
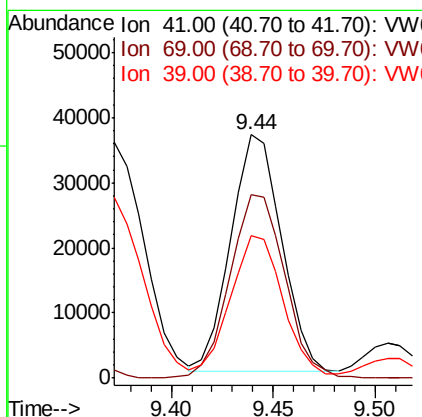
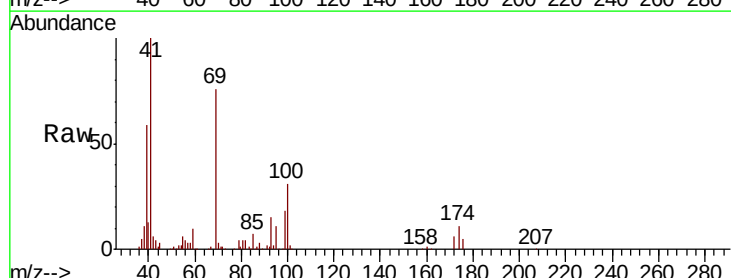
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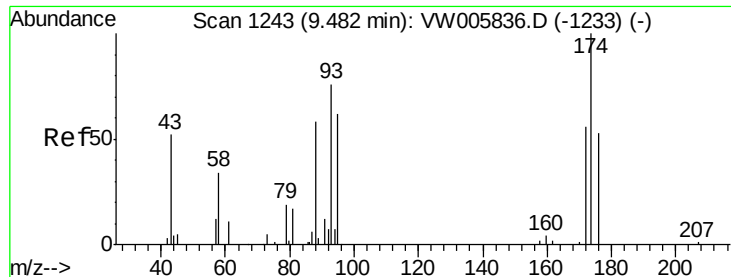
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#48
Methyl methacrylate
Concen: 51.437 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.2	66.4	99.6
39	62.7	50.1	75.1





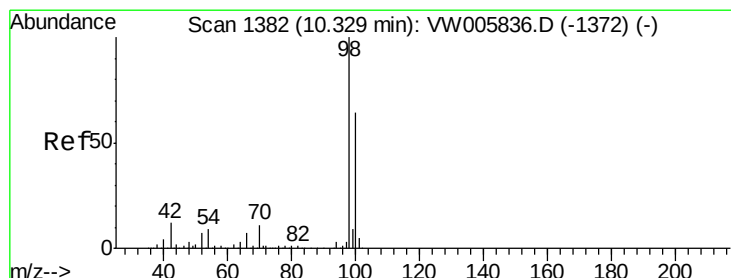
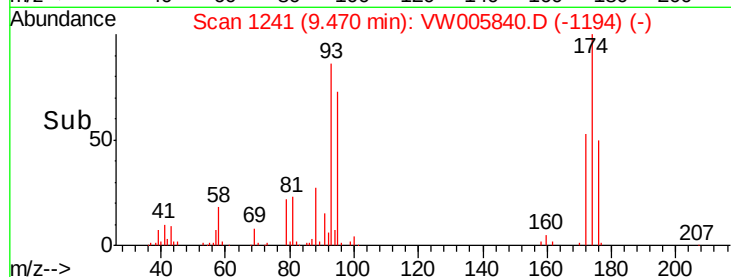
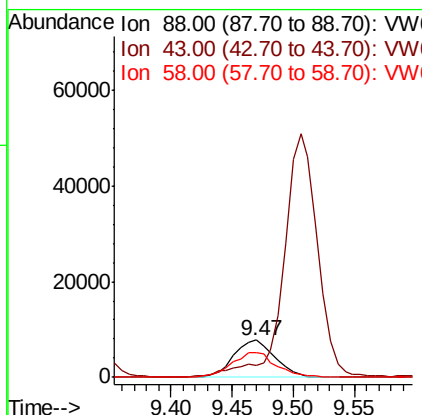
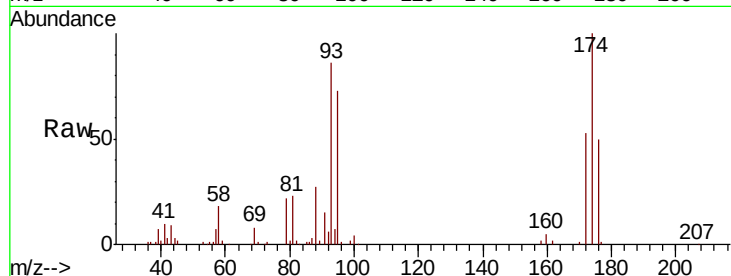
#49
1,4-Dioxane
Concen: 1004.902 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.3	58.1	87.1

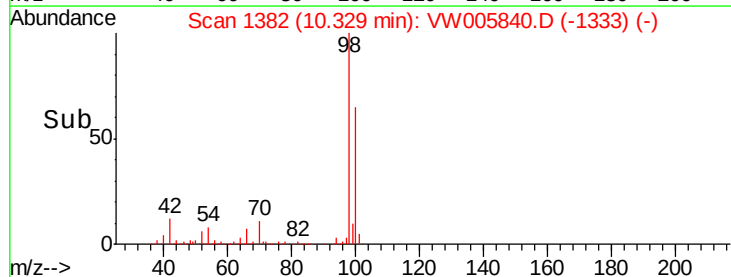
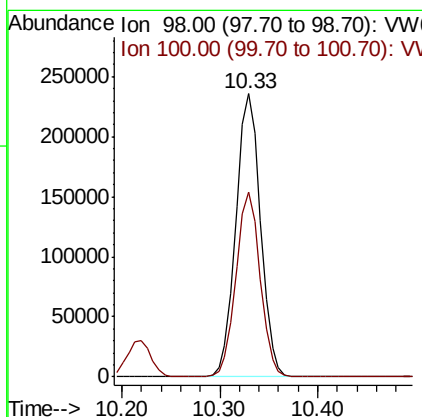
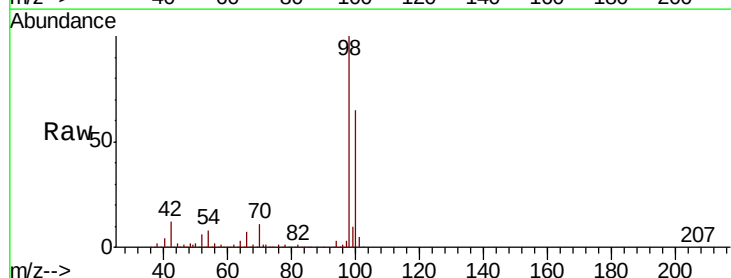
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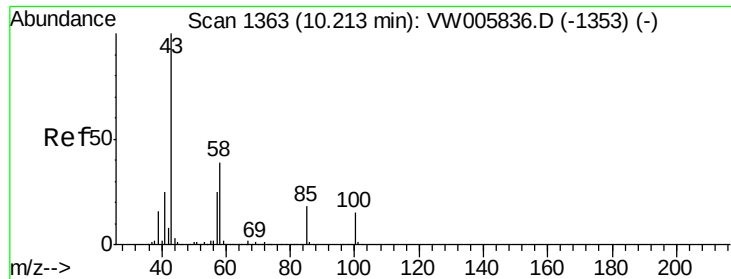
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#50
Toluene-d8
Concen: 51.009 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 252.987 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

ICVW100418

Tot Ion: 43 Resp: 333349

Ion Ratio Lower Upper

43 100

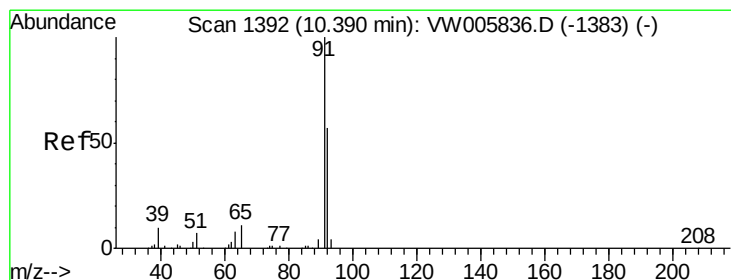
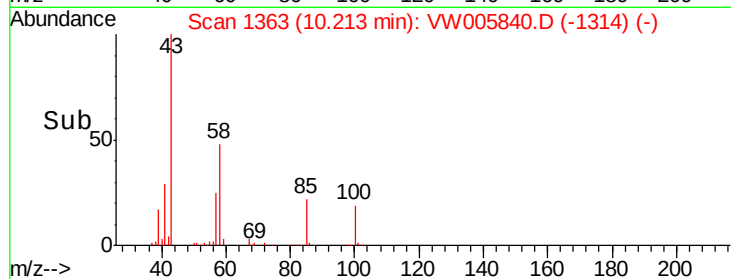
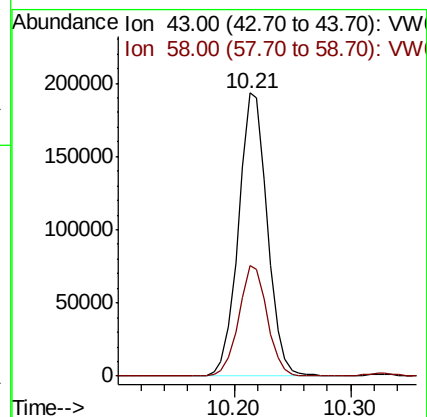
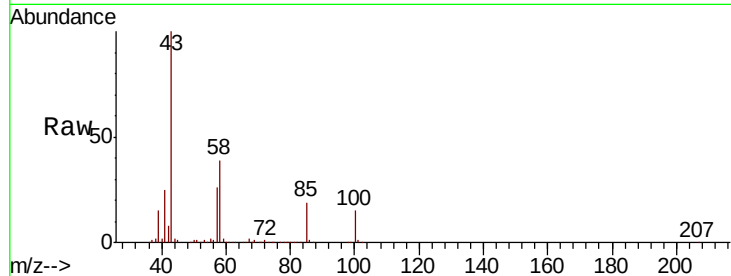
58 38.5 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 52.163 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005840.D

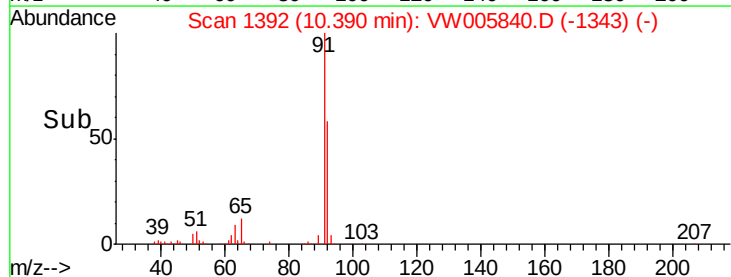
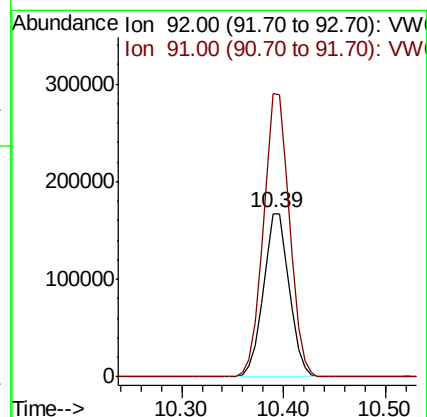
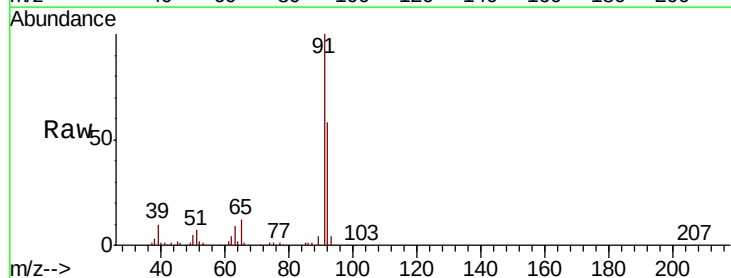
Acq: 04 Oct 2018 06:12

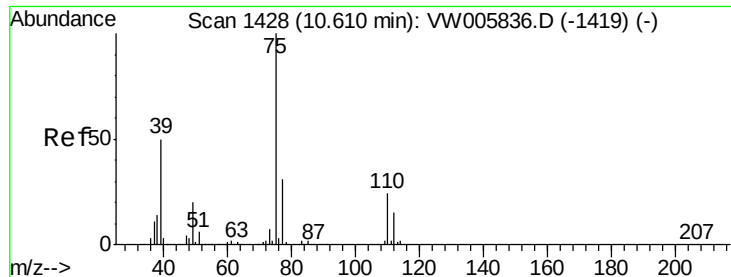
Tgt Ion: 92 Resp: 296660

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 51.688 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

ICVW100418

Tot Ion: 75 Resp: 154352

Ion Ratio Lower Upper

75 100

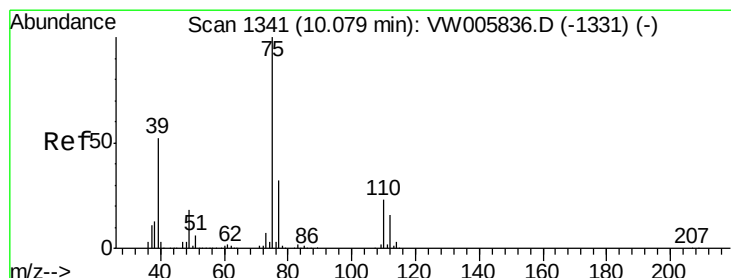
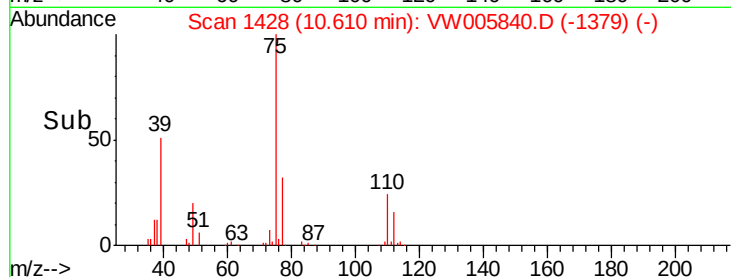
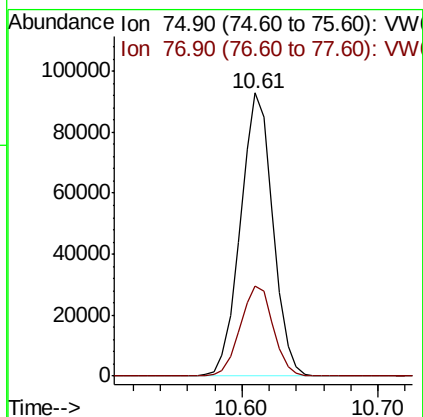
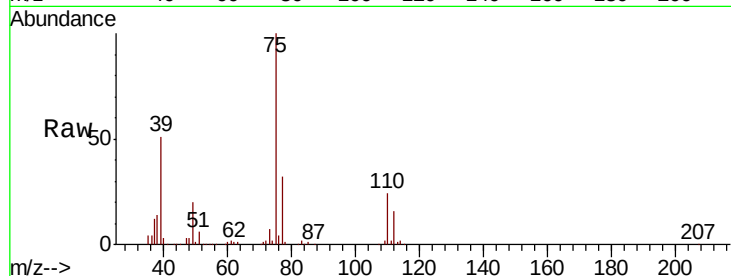
77 31.7 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.813 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

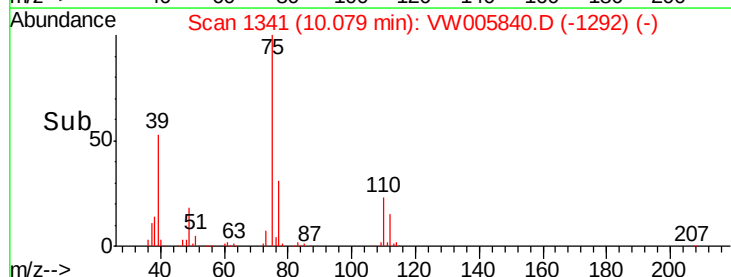
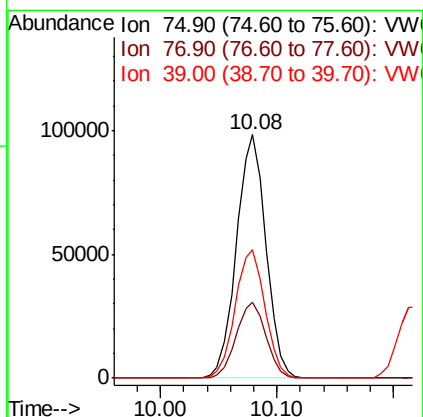
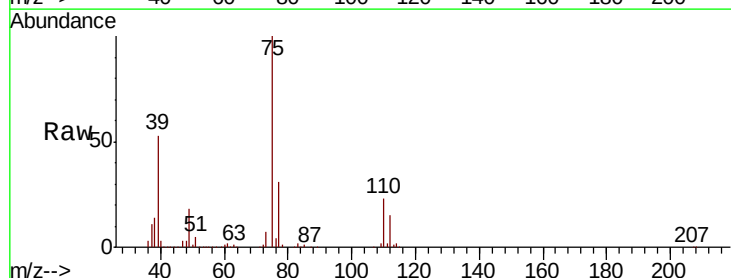
Tgt Ion: 75 Resp: 173228

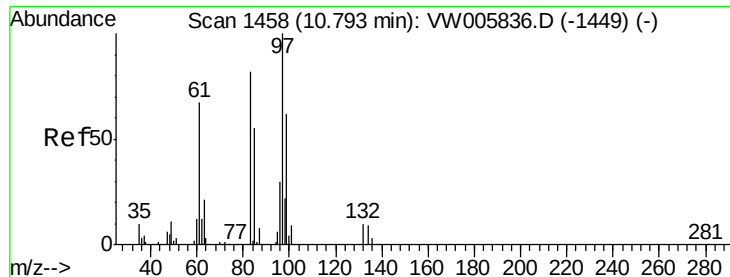
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 52.9 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 49.074 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

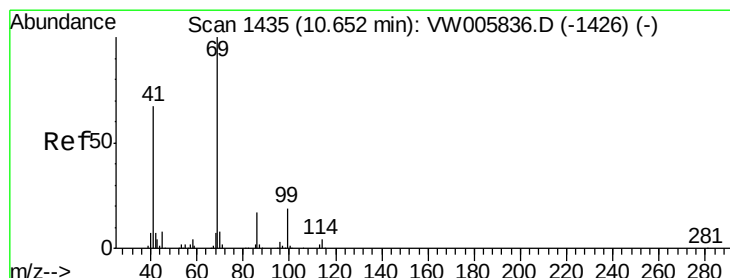
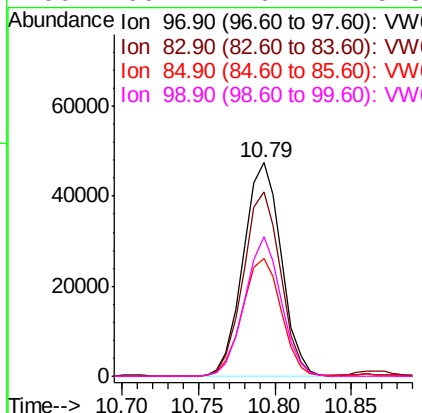
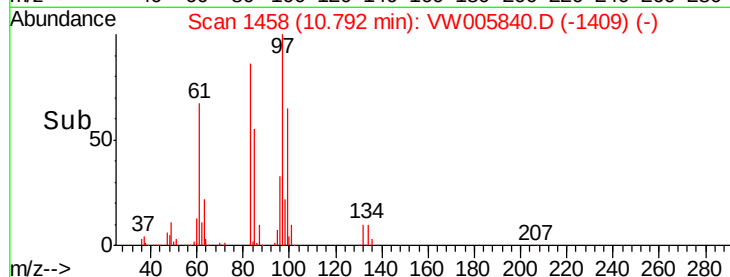
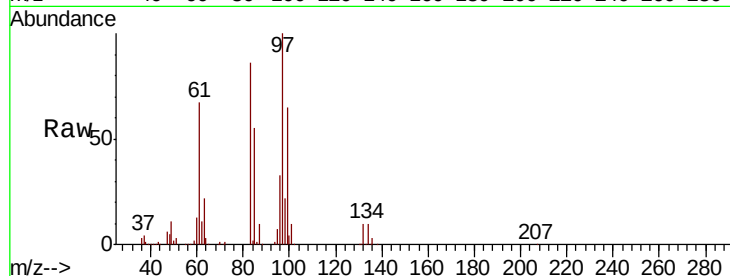
ClientSampleId :

ICVW100418

Tot Ion:	97	Resp:	81926
Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.9	98.9
85	54.9	44.2	66.2
99	65.1	49.2	73.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 53.732 ug/l

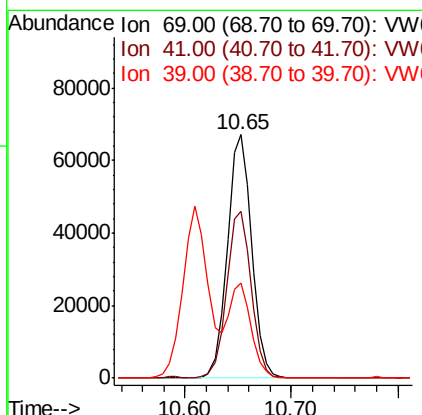
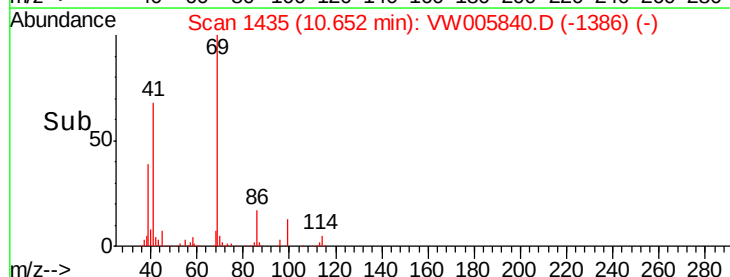
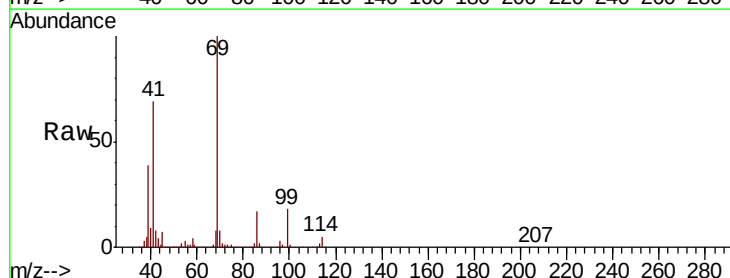
RT: 10.65 min Scan# 1435

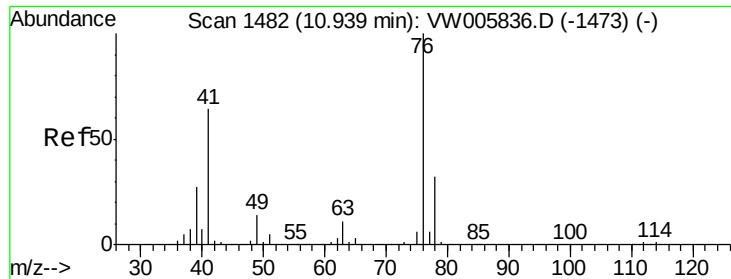
Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion:	69	Resp:	107431
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.8	83.6
39	35.7	29.3	43.9





#57

1,3-Dichloropropane

Concen: 50.829 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

Tot Ion: 76 Resp: 144463

Ion Ratio Lower Upper

76 100

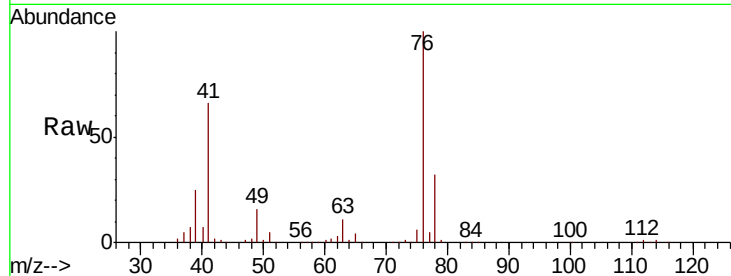
78 31.9 25.4 38.0

Manual Integrations

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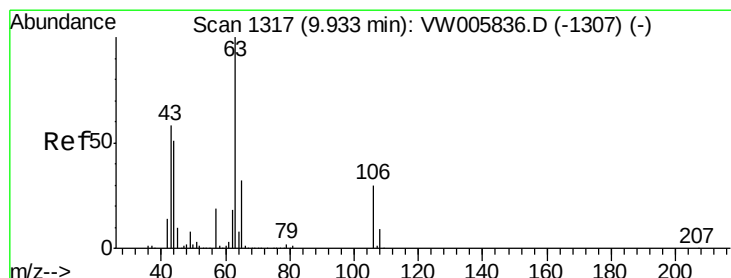
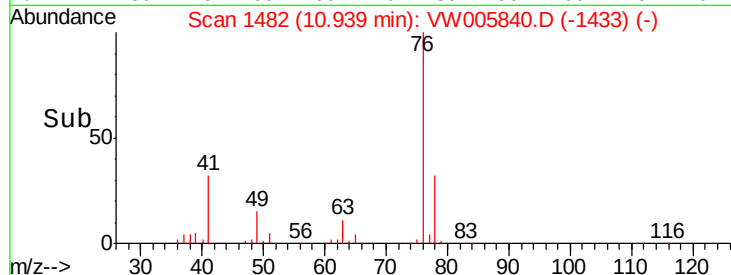
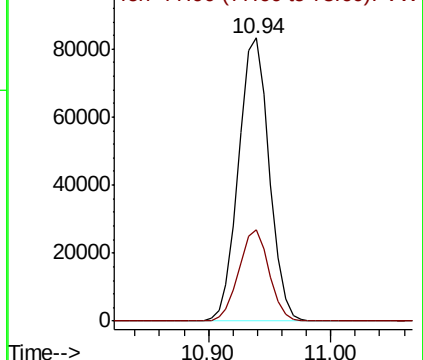
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 246.696 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005840.D

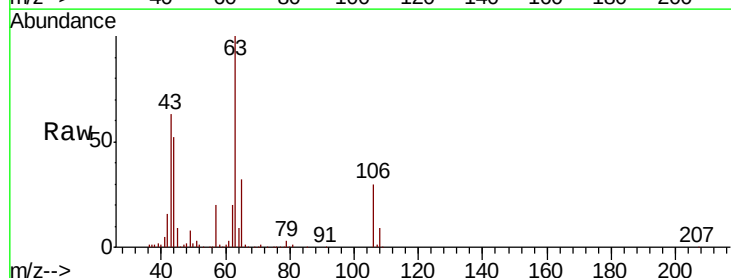
Acq: 04 Oct 2018 06:12

Tgt Ion: 63 Resp: 202774

Ion Ratio Lower Upper

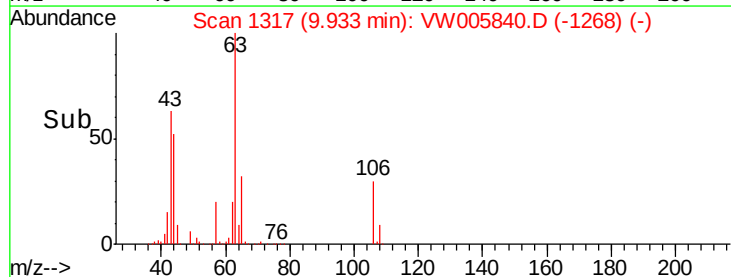
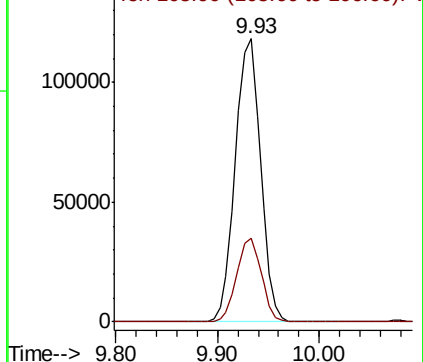
63 100

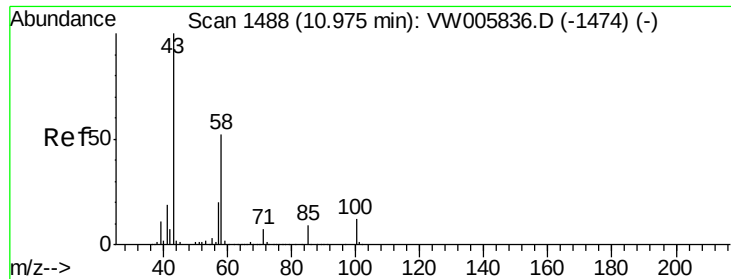
106 28.8 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





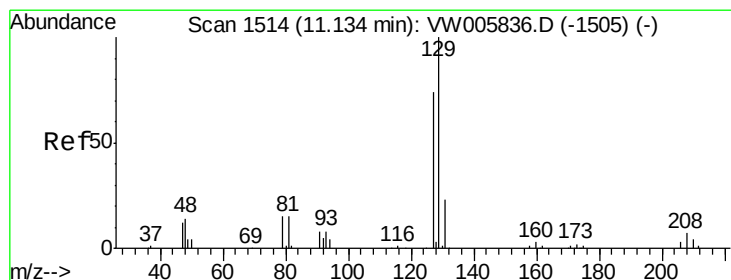
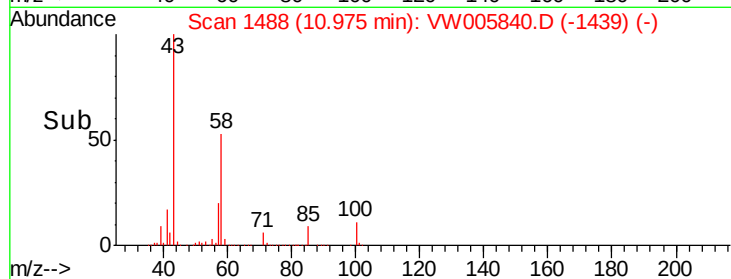
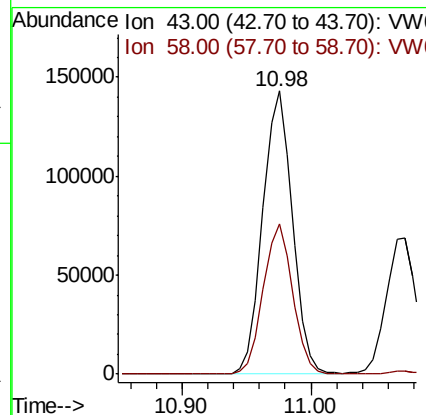
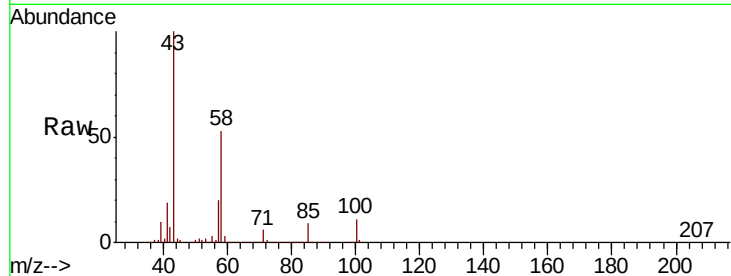
#59
2-Hexanone
Concen: 258.615 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

Tot Ion: 43 Resp: 227921
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.7

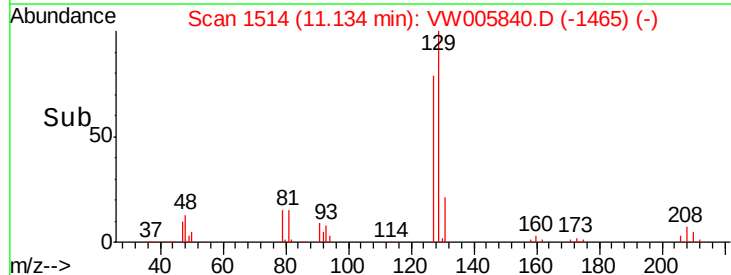
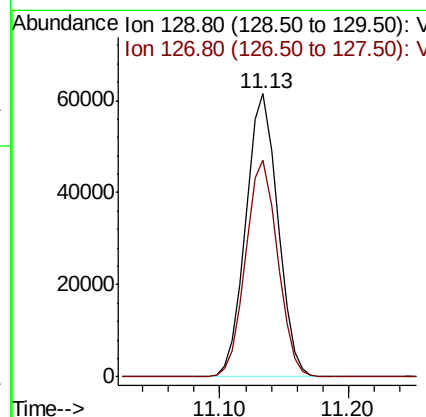
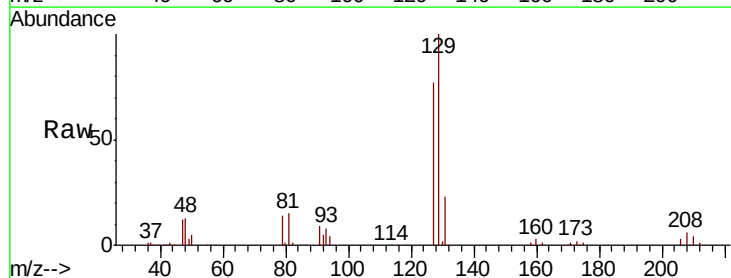
Manual Integrations
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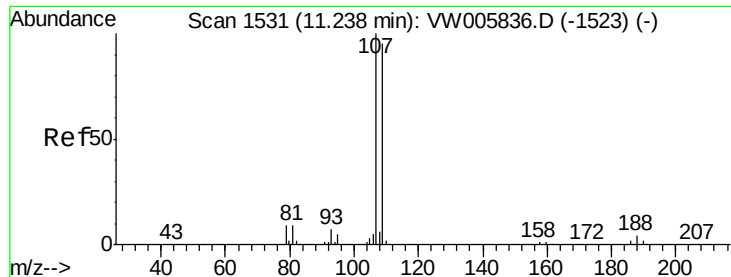
apatel
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#60
Dibromochloromethane
Concen: 50.719 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 129 Resp: 105699
Ion Ratio Lower Upper
129 100
127 76.3 37.2 111.6





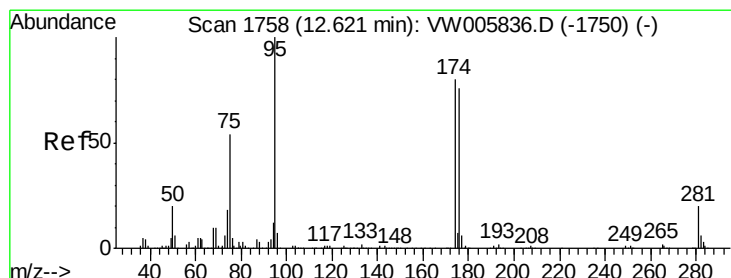
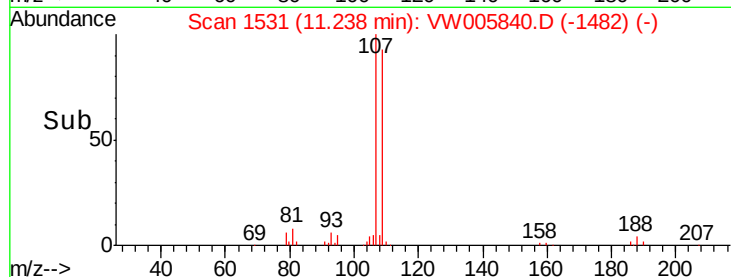
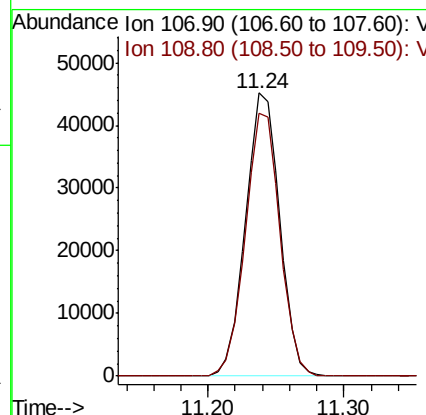
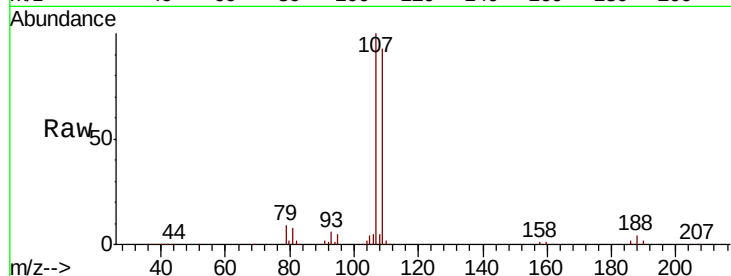
#61
 1,2-Dibromoethane
 Concen: 51.213 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.6	114.8

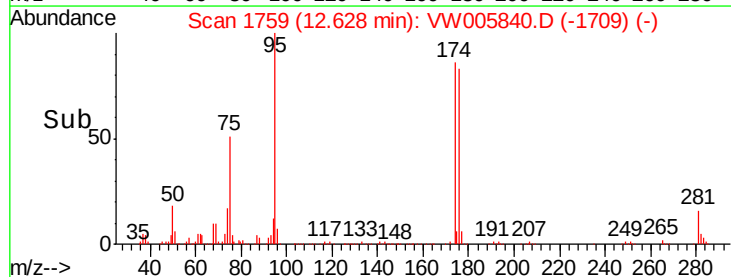
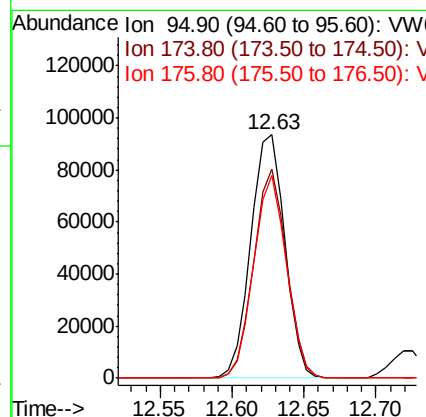
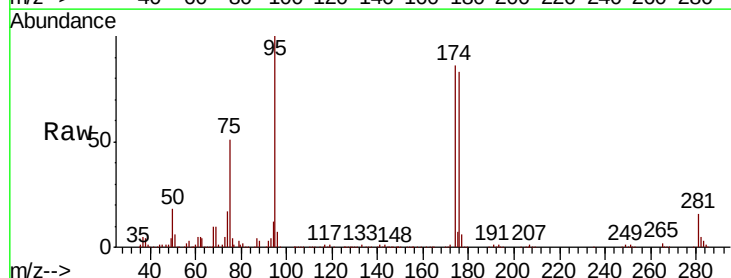
Manual Integrations
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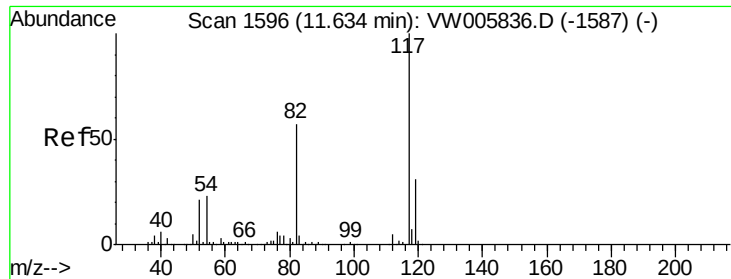
apatel
 10/4/2018 2:48:07 PM



#62
 4-Bromofluorobenzene
 Concen: 51.399 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	169.0
176	80.1	0.0	164.2





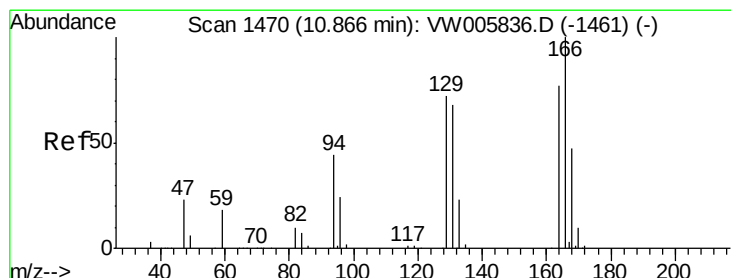
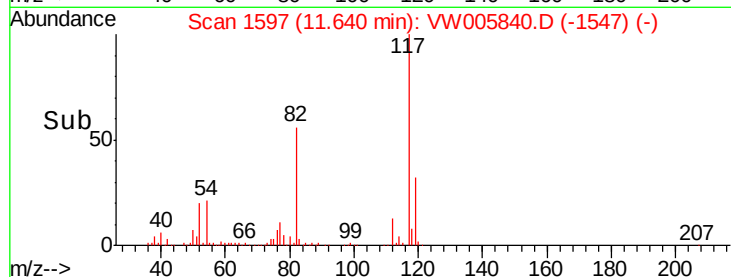
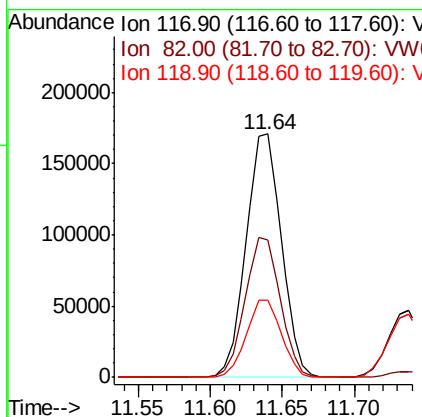
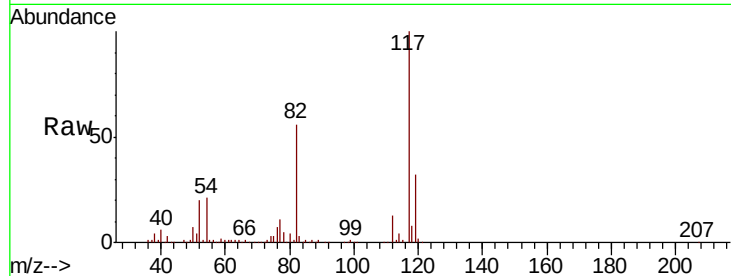
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion	Ratio	Resp	Lower	Upper
117	100	290120		
82	56.2	45.6	68.4	
119	31.7	25.0	37.6	

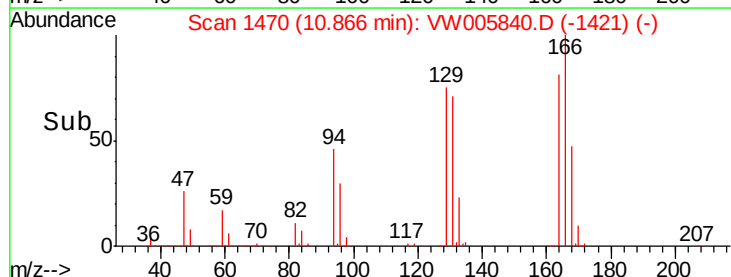
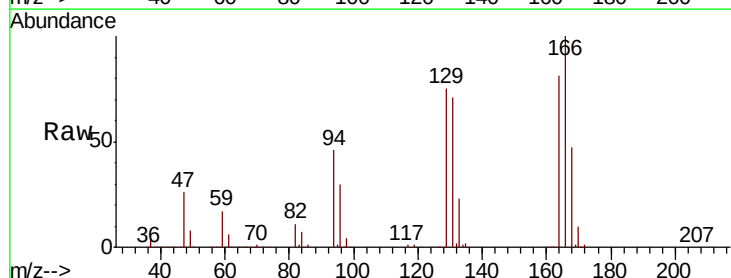
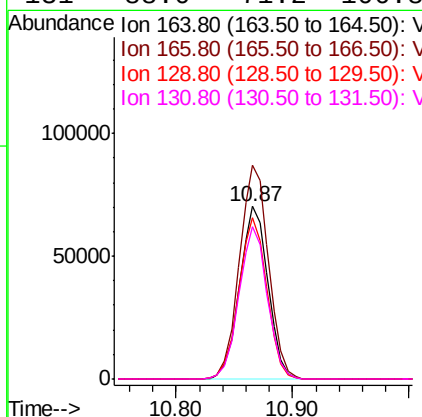
Manual Integrations
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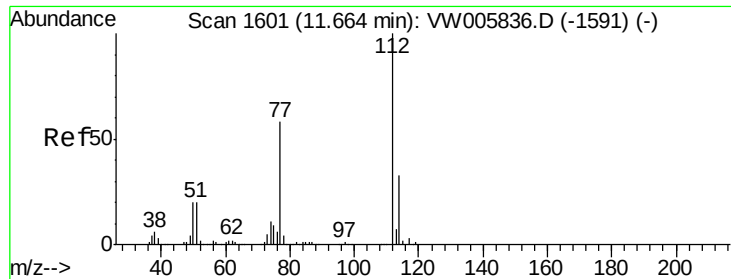
apatel
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#64
Tetrachloroethene
Concen: 52.605 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119129		
166	123.8	104.0	156.0	
129	93.2	74.8	112.2	
131	88.0	71.2	106.8	





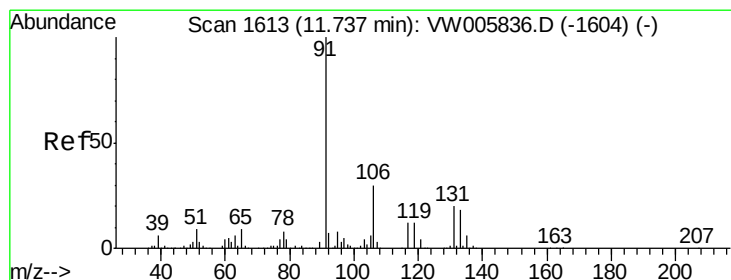
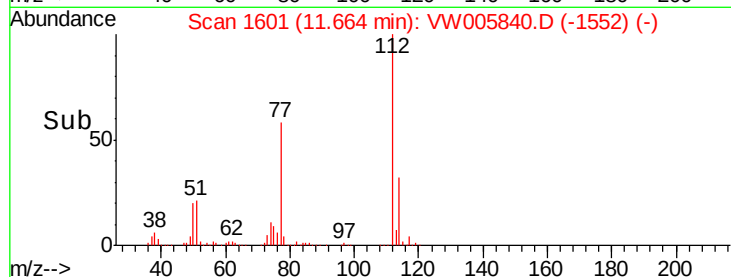
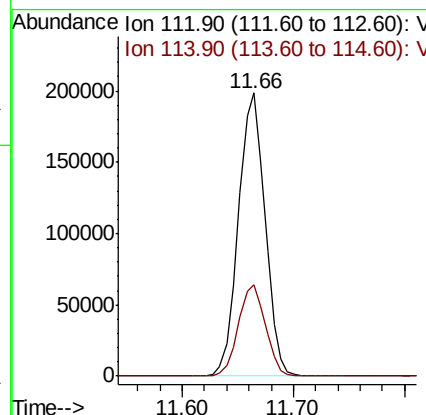
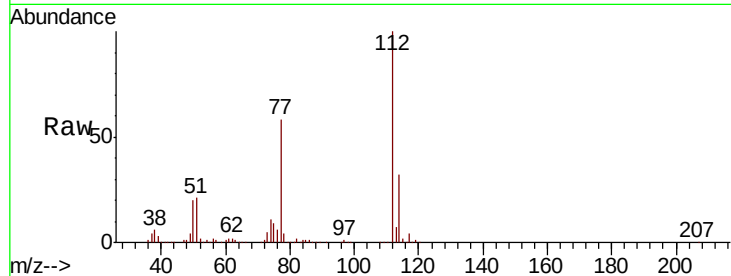
#65
Chlorobenzene
Concen: 51.708 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.1	39.1

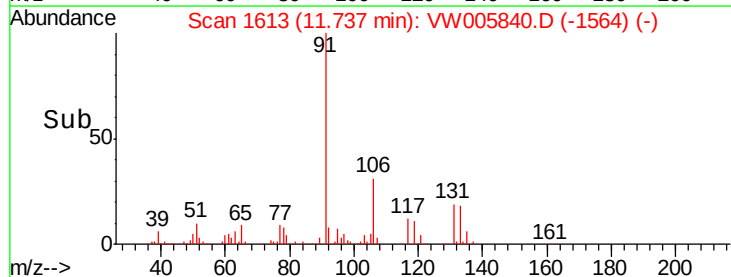
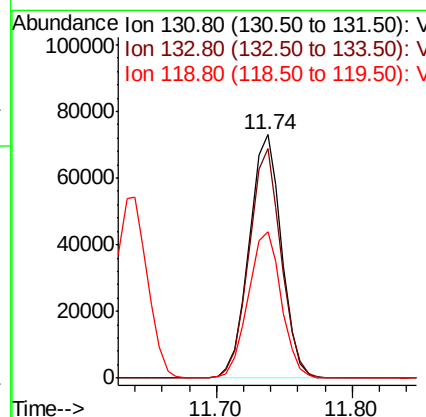
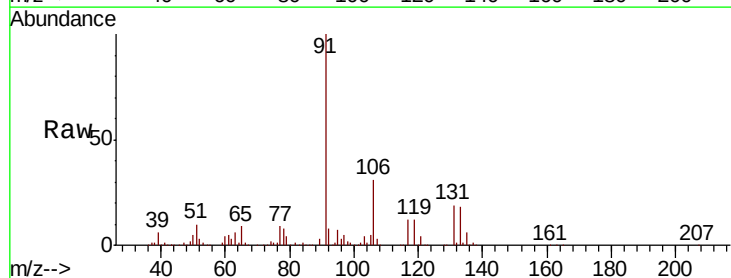
Manual Integrations
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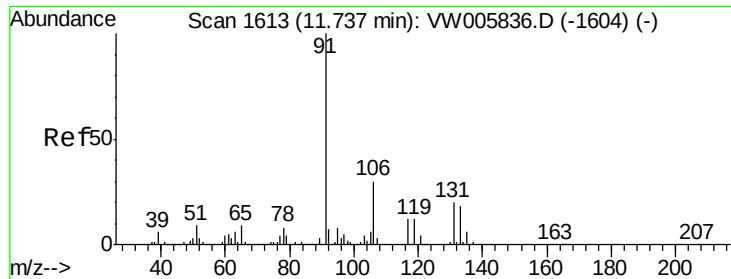
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.730 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.0	141.0
119	61.7	30.4	91.2





#67

Ethyl Benzene

Concen: 54.277 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

ICVW100418

Tot Ion: 91 Resp: 589572

Ion Ratio Lower Upper

91 100

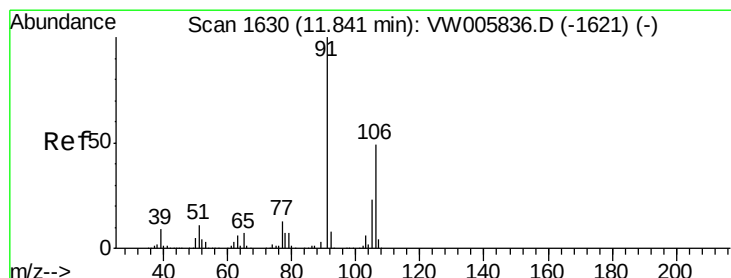
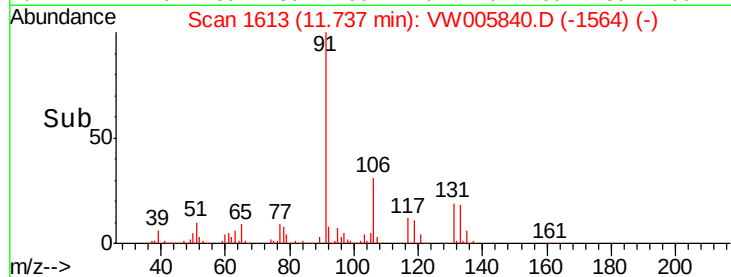
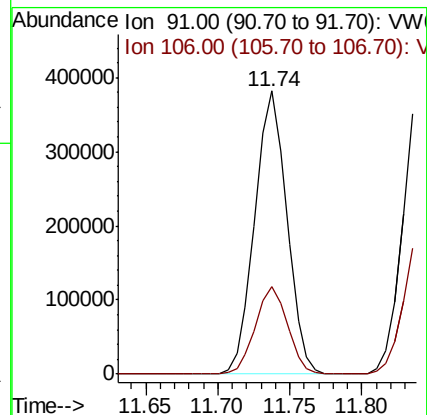
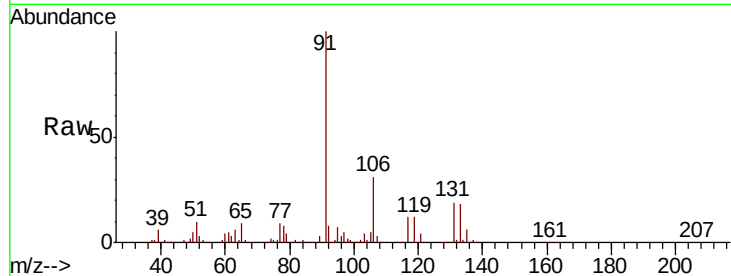
106 30.9 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 107.715 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW005840.D

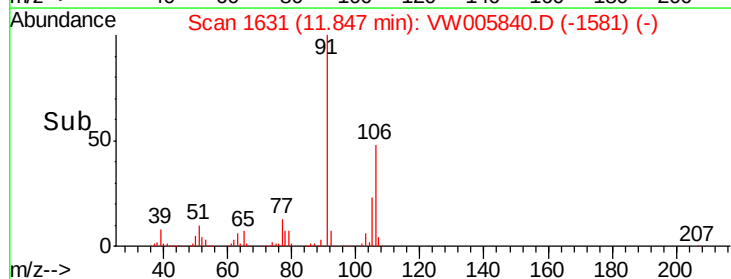
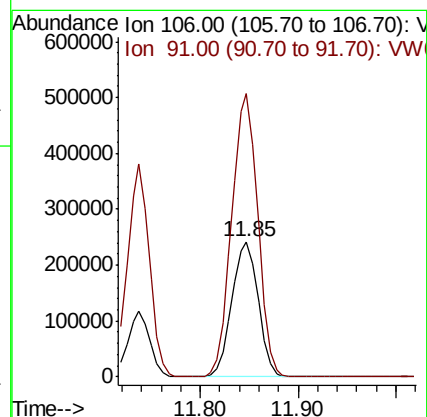
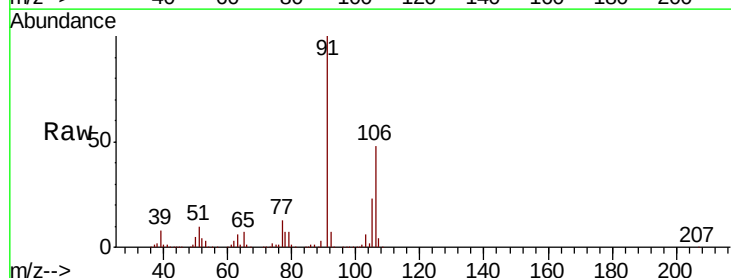
Acq: 04 Oct 2018 06:12

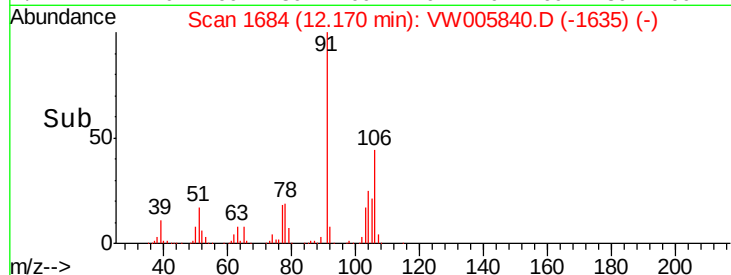
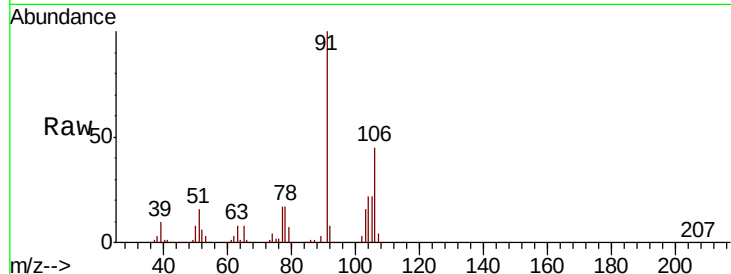
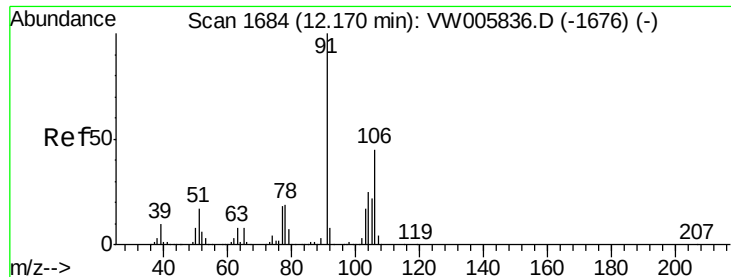
Tgt Ion: 106 Resp: 450850

Ion Ratio Lower Upper

106 100

91 207.9 165.4 248.0





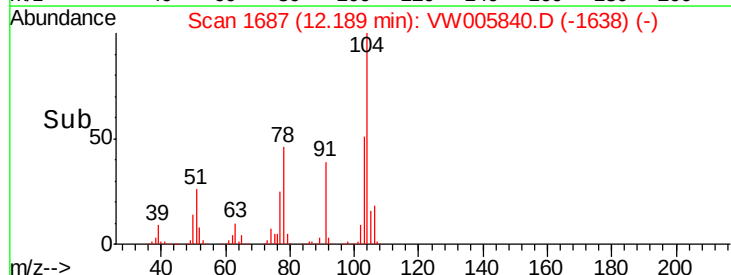
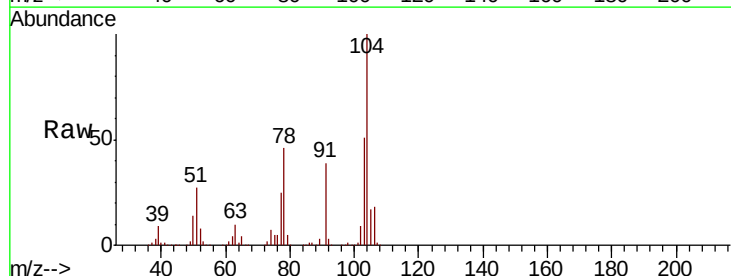
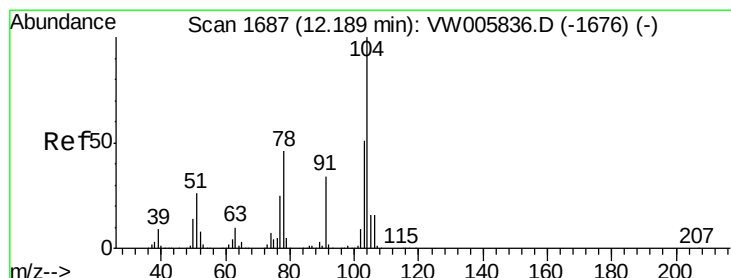
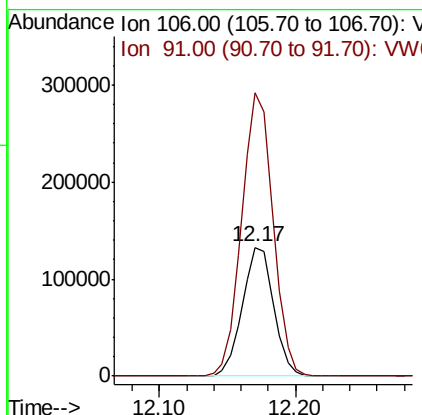
#69
o-Xylene
Concen: 54.886 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tot Ion:106 Resp: 213532
Ion Ratio Lower Upper
106 100
91 220.0 109.7 329.1

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

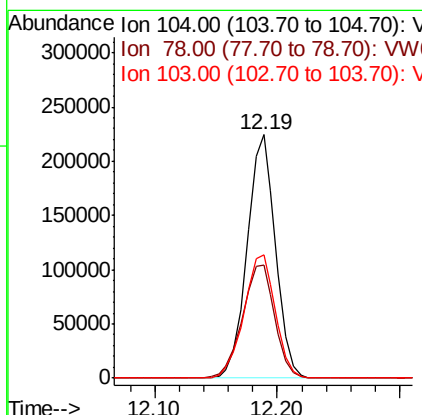
Manual Integrations
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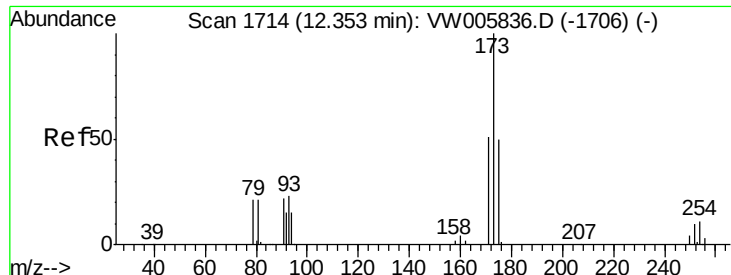
apatel
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#70
Styrene
Concen: 54.634 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion:104 Resp: 360530
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.9 44.9 67.3





#71

Bromoform

Concen: 50.457 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

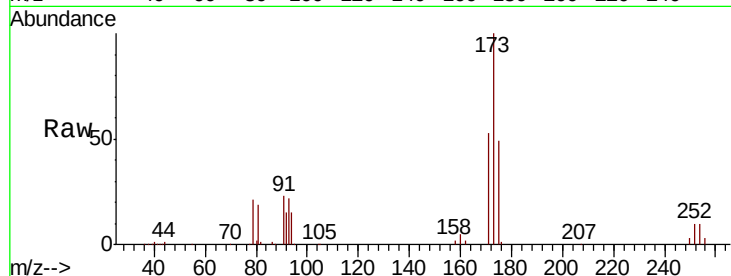
ClientSampleId :

ICVW100418

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	72.9
254	0.0	0.1	0.1

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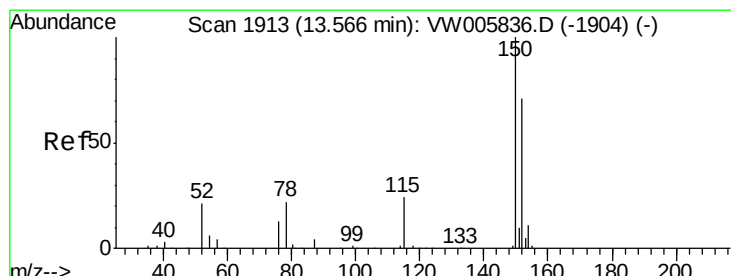
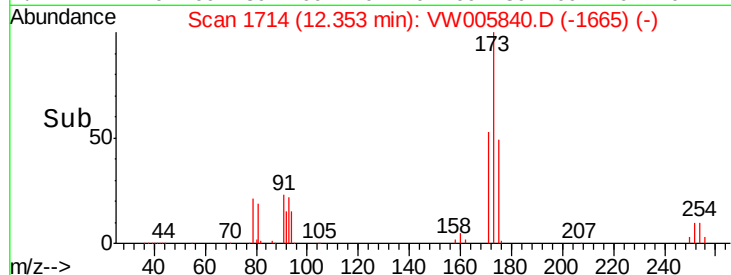
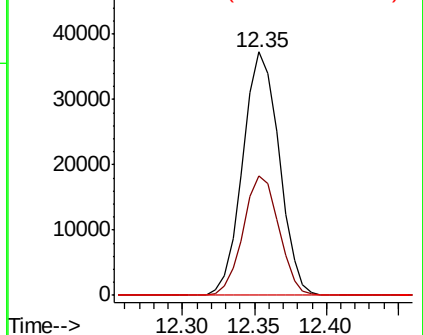


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

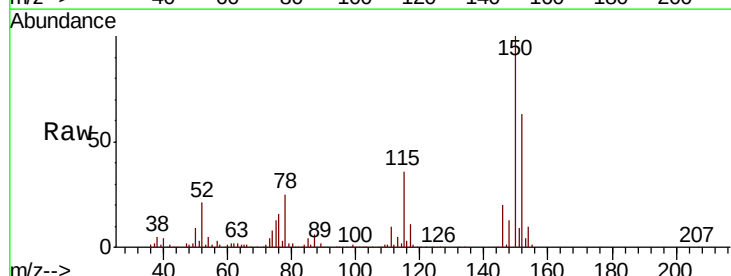
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.8	89.4
150	175.4	0.0	349.4

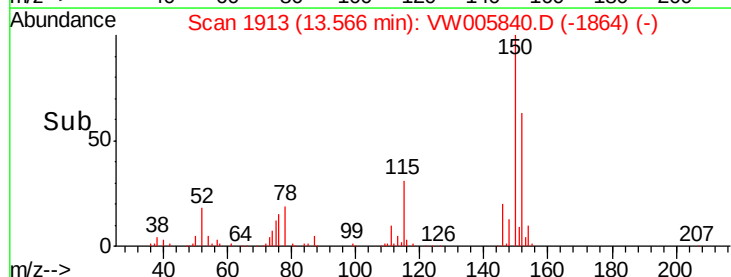
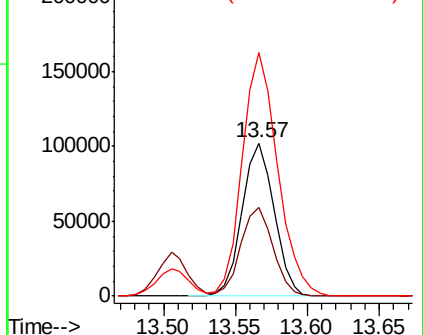


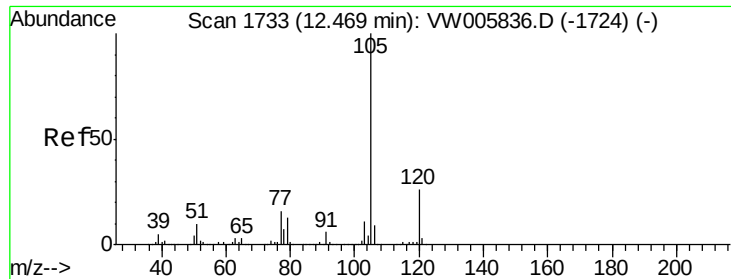
Abundance

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: 54.872 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

Tot Ion:105 Resp: 596319

Ion Ratio Lower Upper

105 100

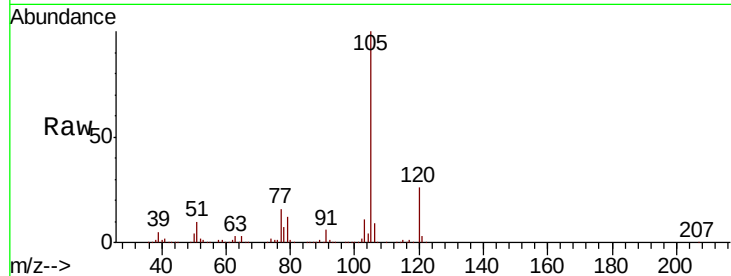
120 25.9 12.9 38.7

Manual Integrations

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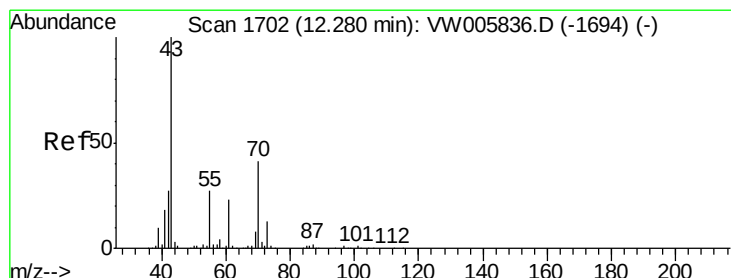
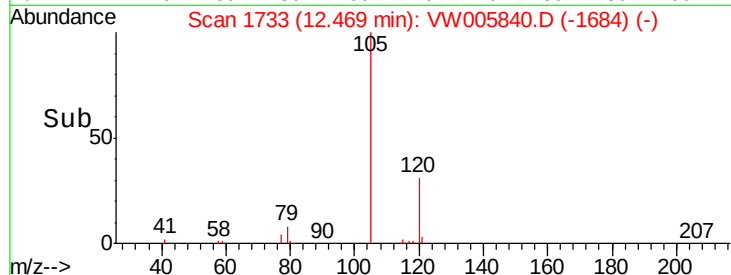
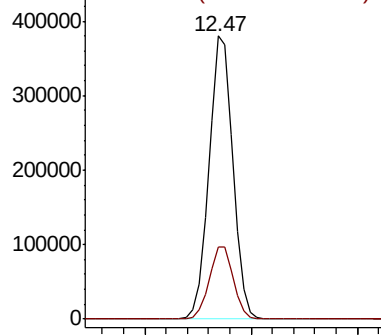
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.135 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion: 43 Resp: 123302

Ion Ratio Lower Upper

43 100

70 42.1 33.6 50.4

55 26.3 21.8 32.6

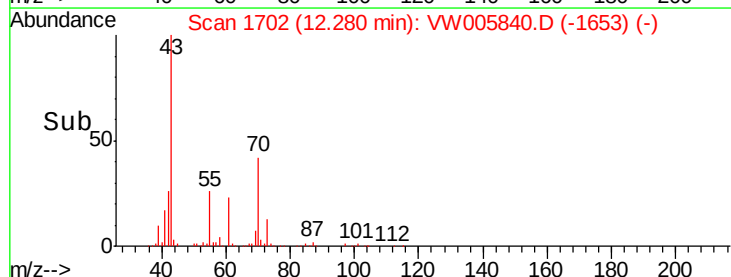
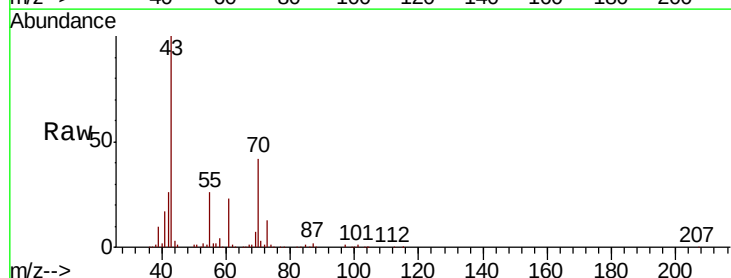
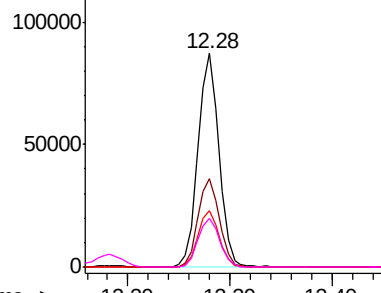
61 23.3 18.6 28.0

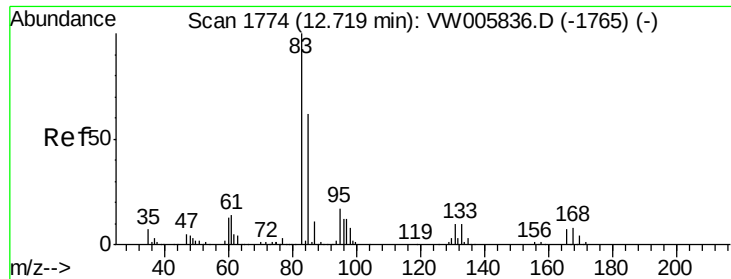
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 50.418 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

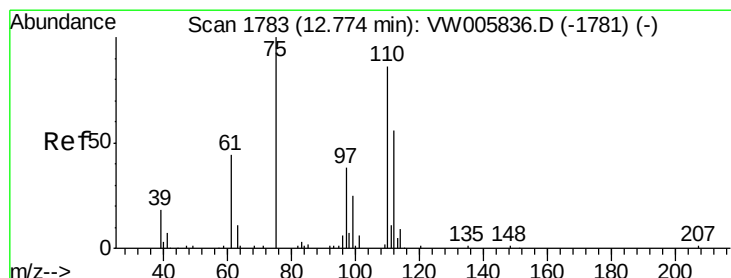
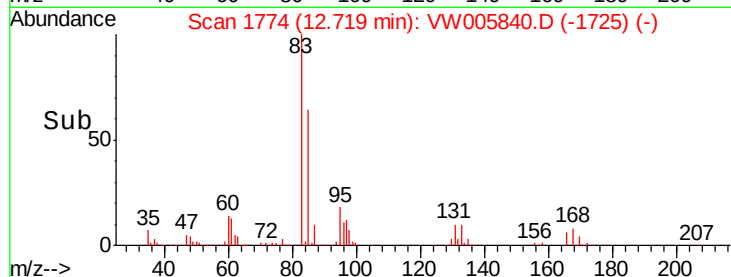
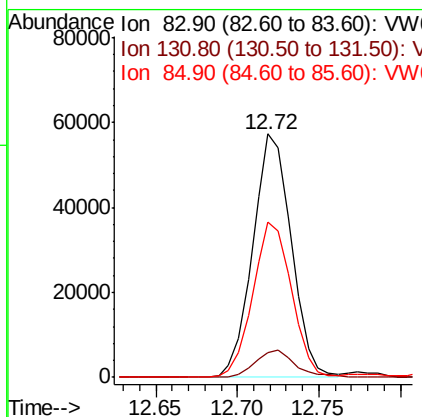
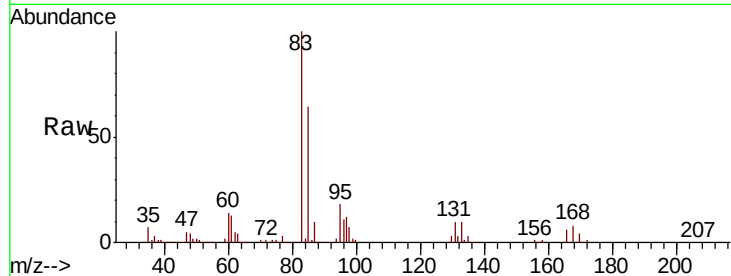
ClientSampleId :

ICVW100418

Tot Ion:	83	Resp:	94009
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.6
85	64.2	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.440 ug/l m

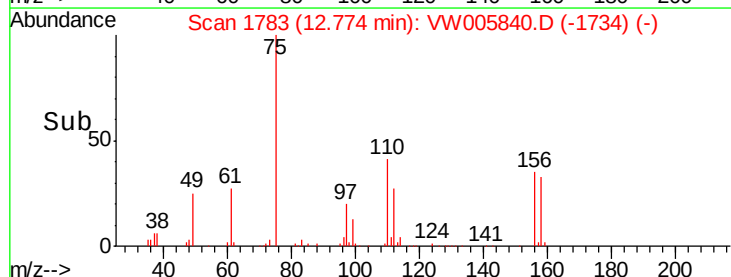
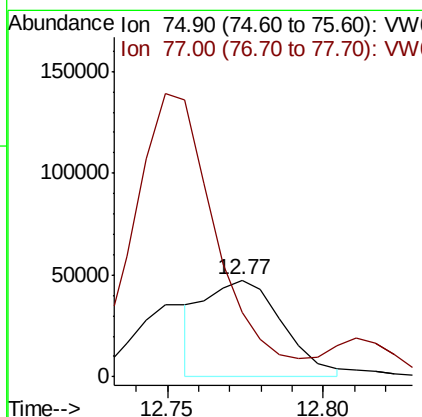
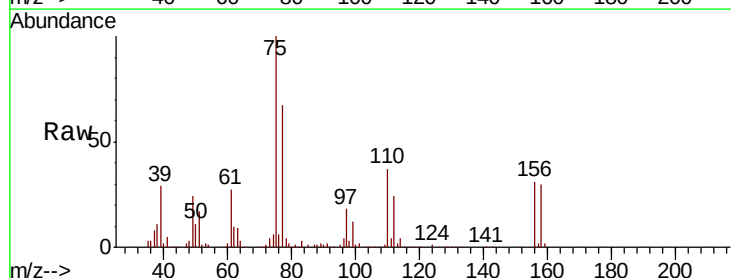
RT: 12.77 min Scan# 1783

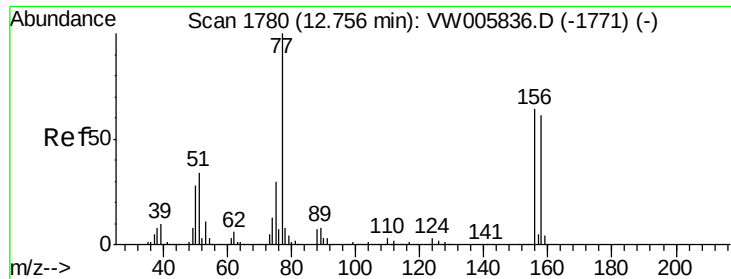
Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion:	75	Resp:	82451
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.074 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

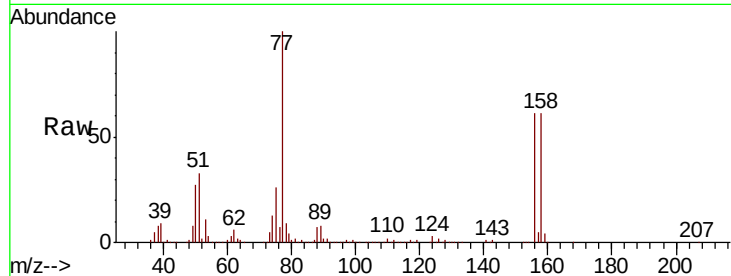
ClientSampleId :

ICVW100418

Tot Ion:	156	Resp:	139721
Ion Ratio	Lower	Upper	
156	100		
77	182.3	91.0	273.1
158	98.3	48.4	145.2

Manual Integrations
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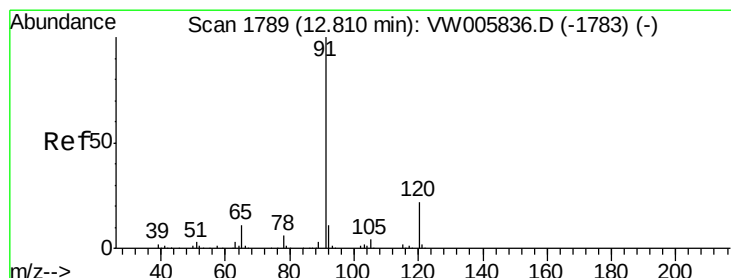
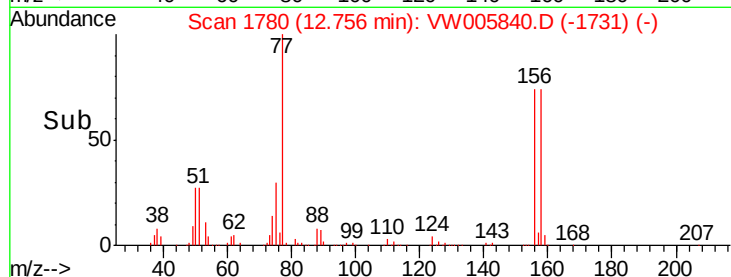
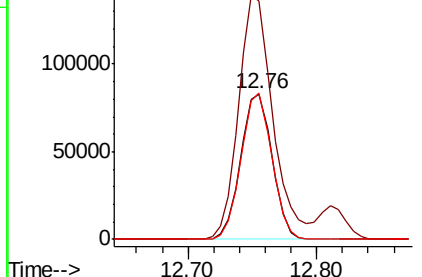
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.654 ug/l

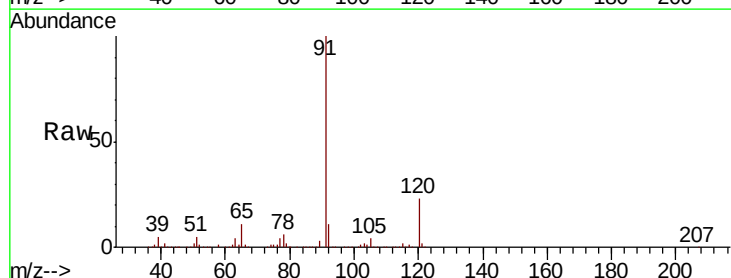
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005840.D

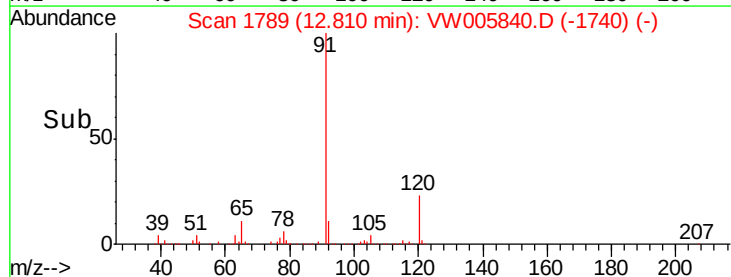
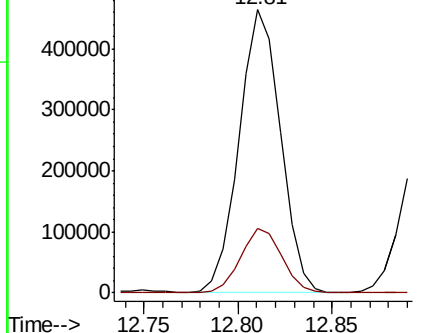
Acq: 04 Oct 2018 06:12

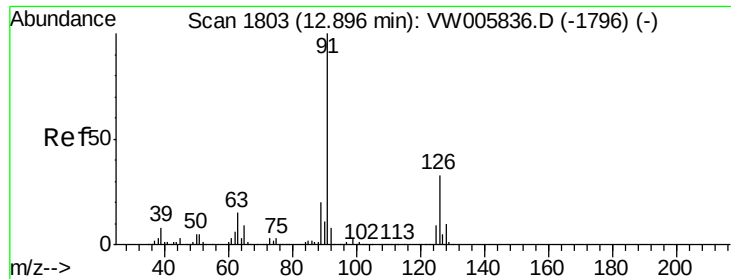
Tgt Ion:	91	Resp:	706453
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





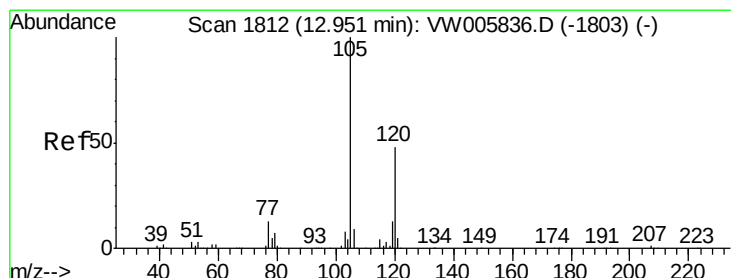
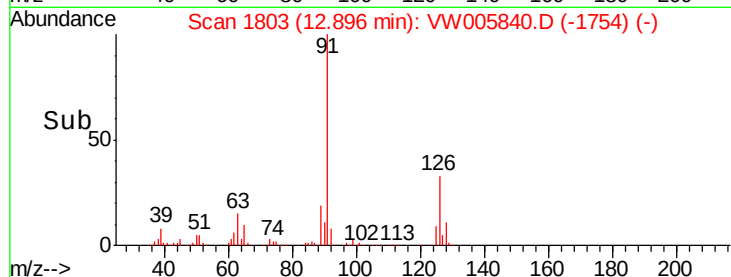
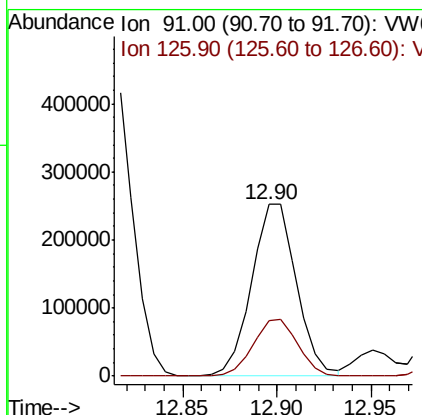
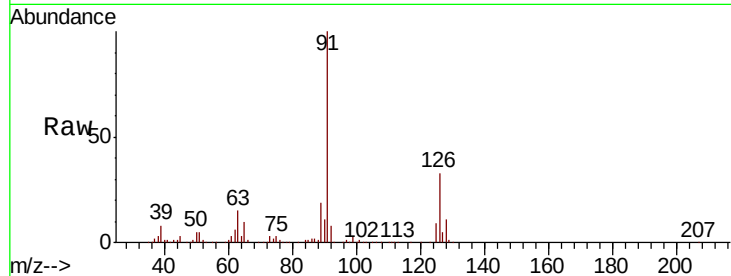
#79
 2-Chlorotoluene
 Concen: 54.206 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion: 91 Resp: 417326
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.8

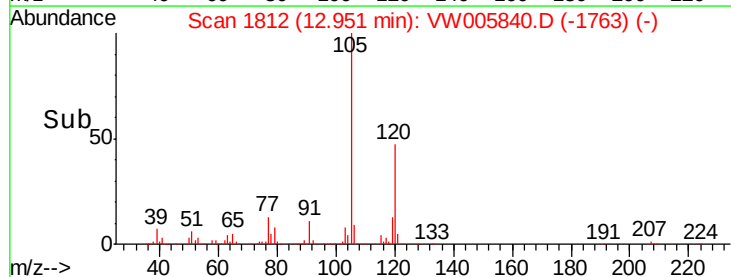
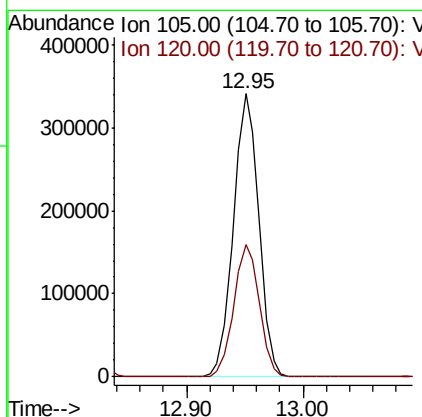
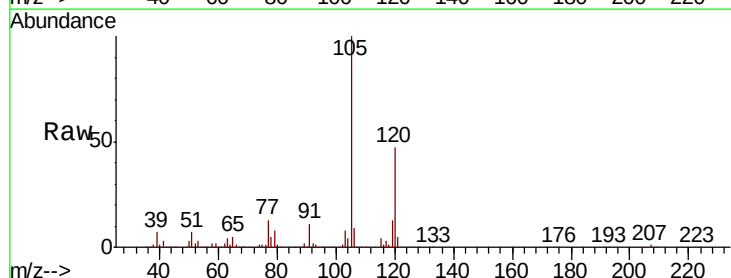
Manual Integrations
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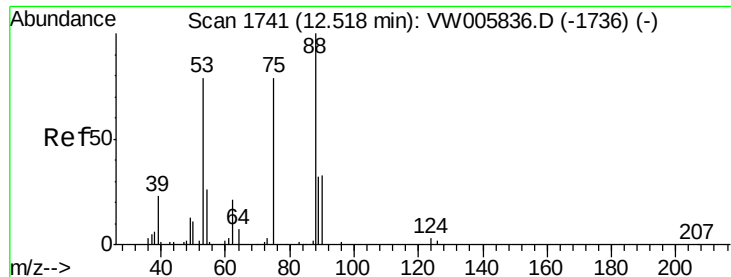
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.771 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion: 105 Resp: 516902
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.8 71.2





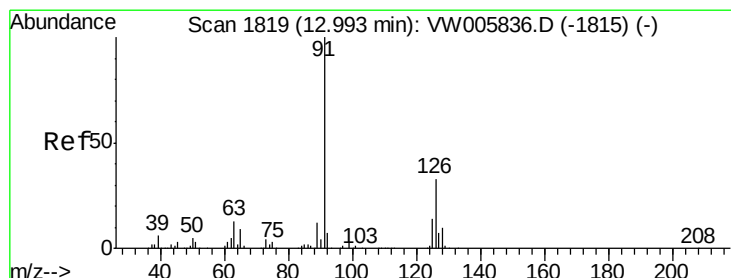
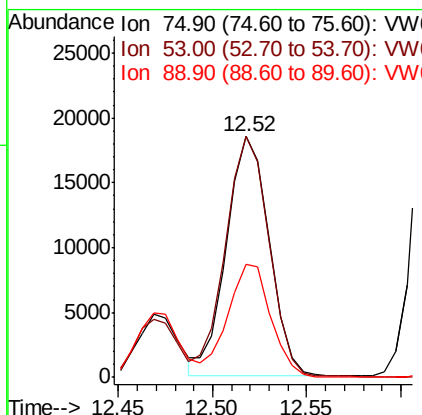
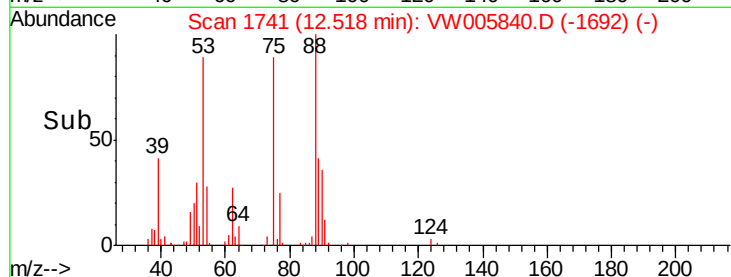
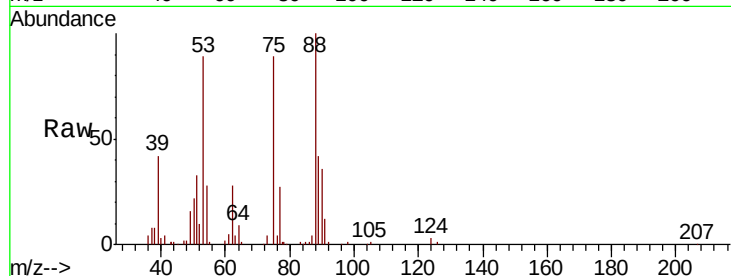
#81
trans-1,4-Dichloro-2-butene
Concen: 51.406 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	83.7	125.5
89	47.3	37.5	56.3

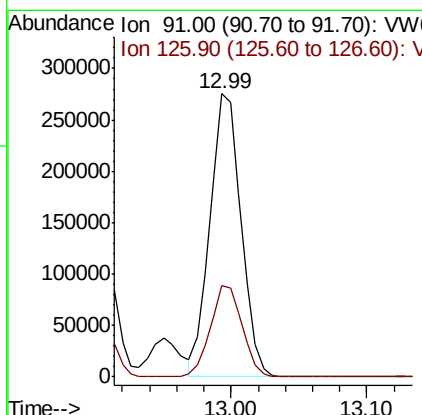
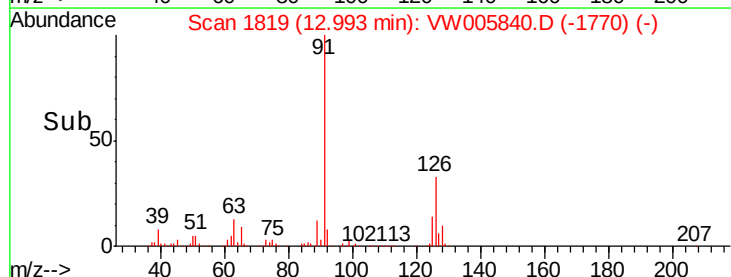
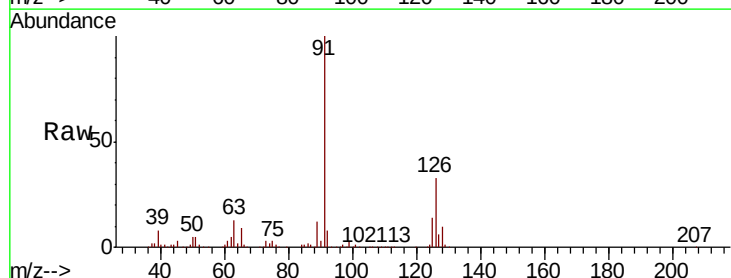
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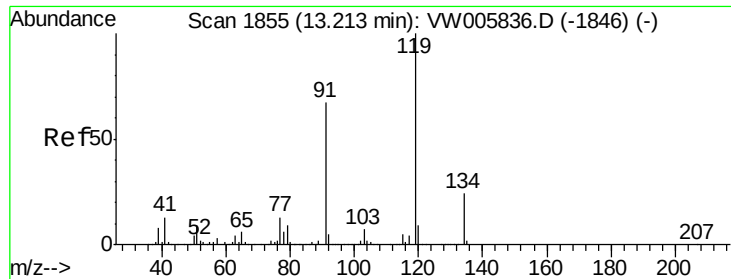
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#82
4-Chlorotoluene
Concen: 53.547 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.0





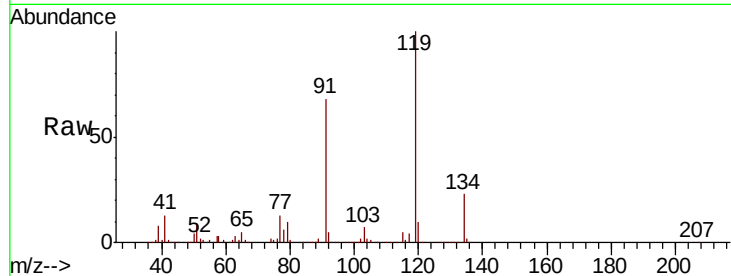
#83
 tert-Butylbenzene
 Concen: 55.110 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

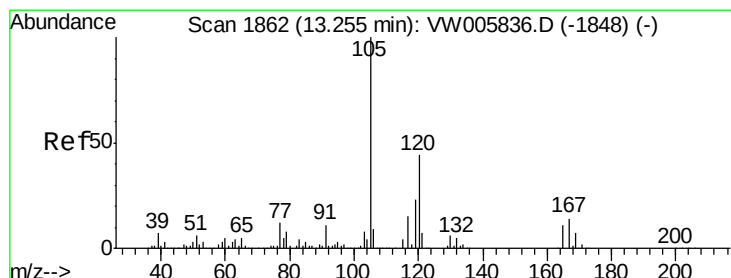
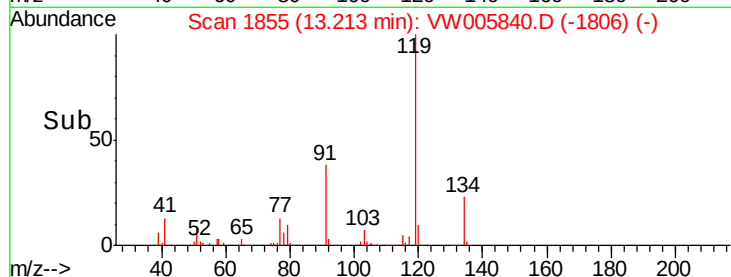
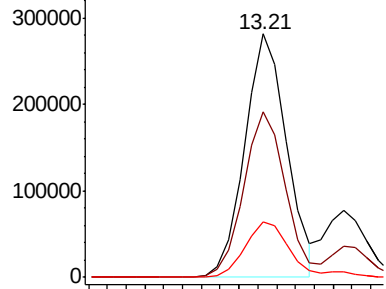
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.5	33.4	100.2
134	25.2	12.8	38.3

Manual Integrations
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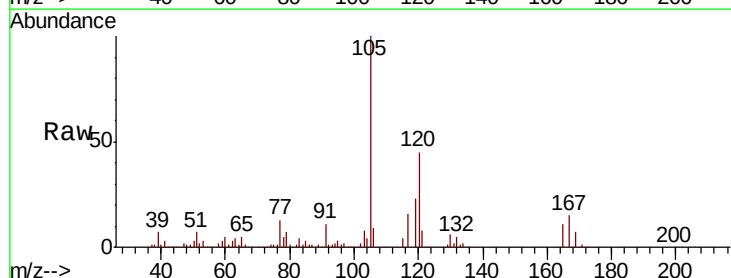


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

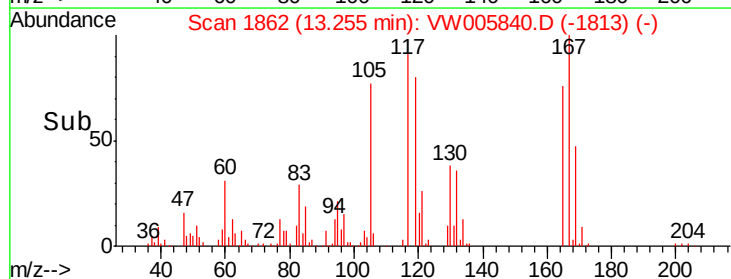
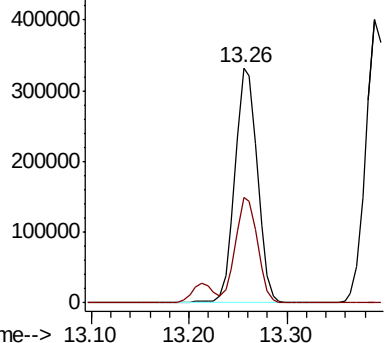


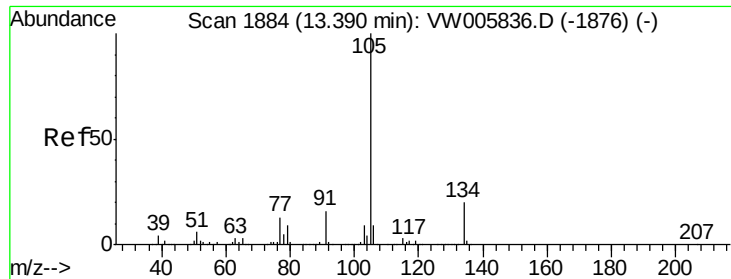
#84
 1,2,4-Trimethylbenzene
 Concen: 54.721 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.9	65.7



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





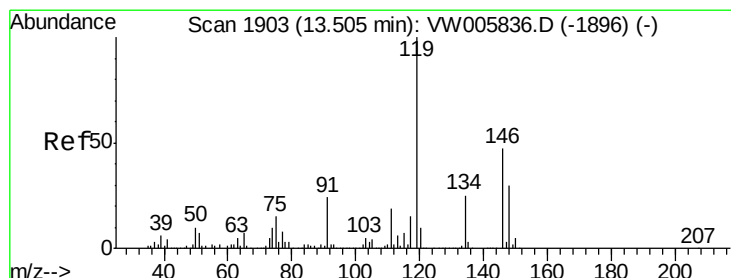
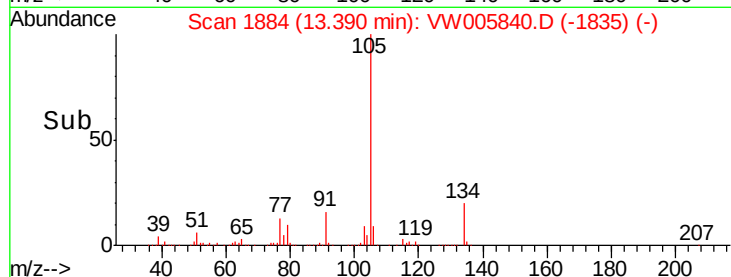
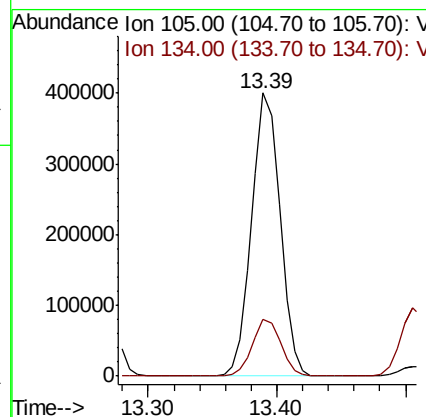
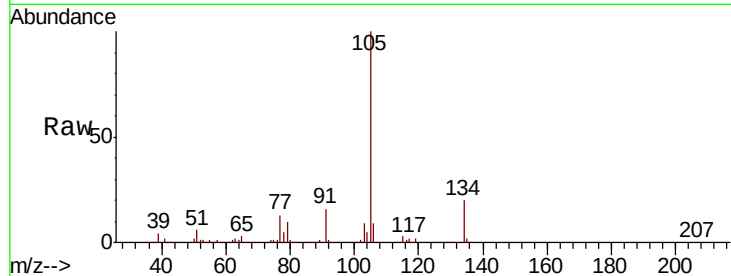
#85
 sec-Butylbenzene
 Concen: 53.646 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

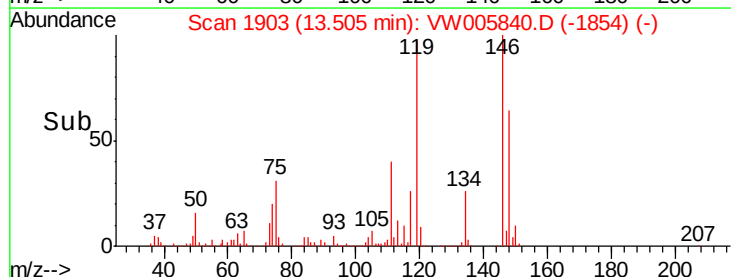
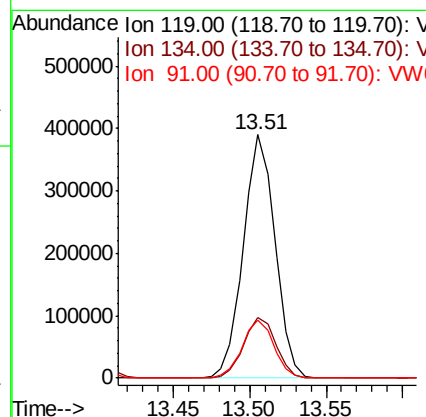
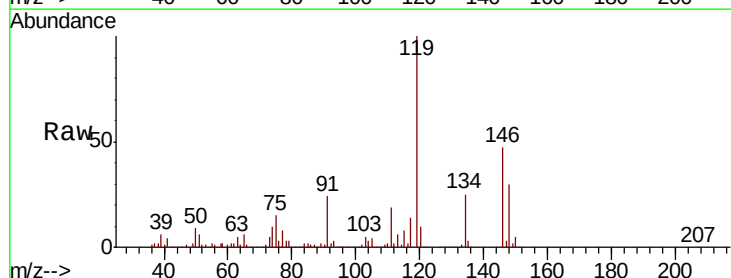
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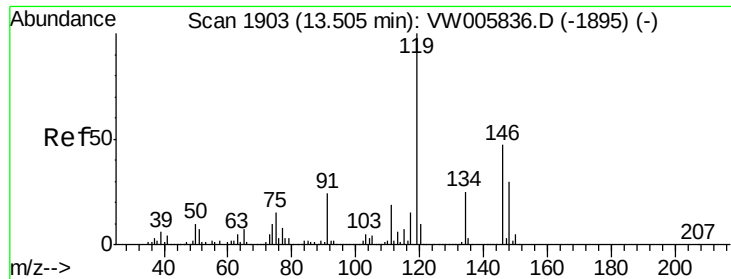
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#86
 p-Isopropyltoluene
 Concen: 55.036 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.7	38.0
91	24.0	11.9	35.9





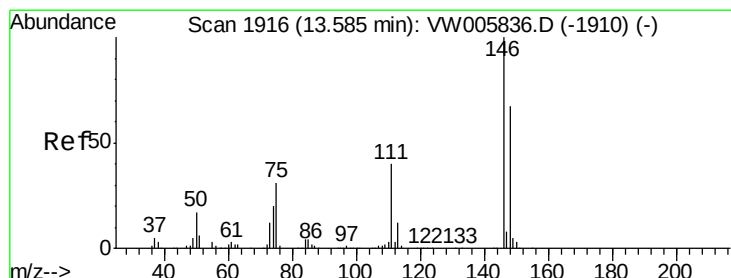
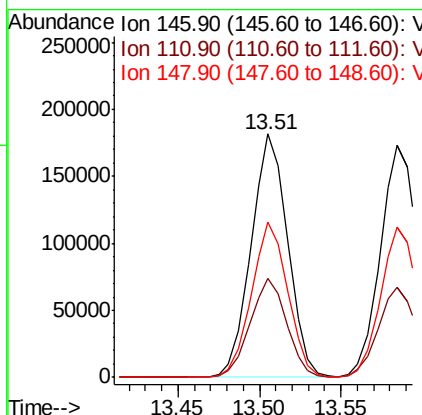
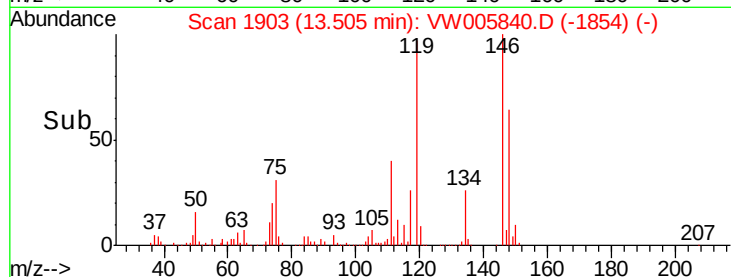
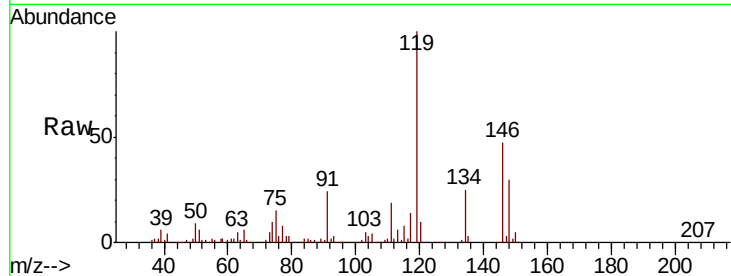
#87
 1,3-Dichlorobenzene
 Concen: 52.360 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion	Ratio	Resp	Lower	Upper
146	100	283416		
111	40.5	19.9	59.7	
148	63.3	32.0	96.2	

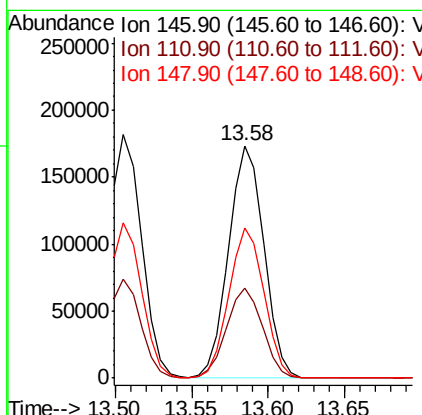
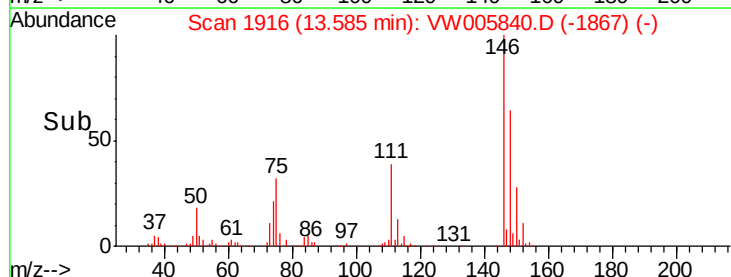
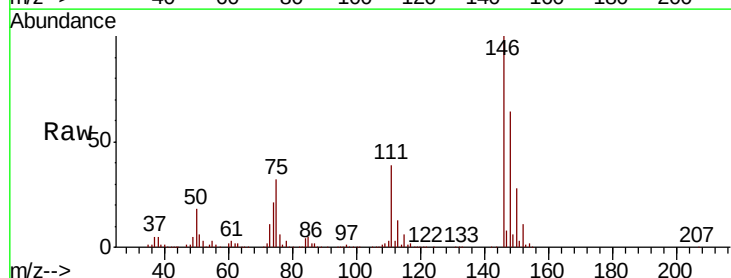
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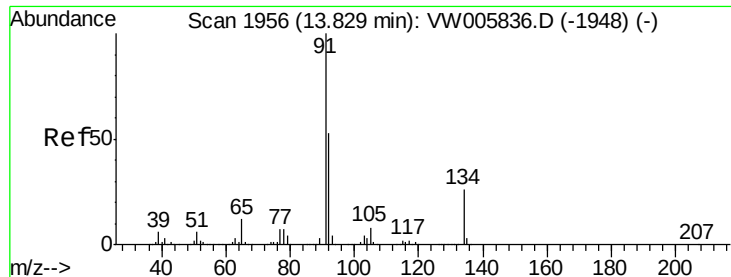
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#88
 1,4-Dichlorobenzene
 Concen: 51.409 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	277635		
111	39.5	19.7	59.1	
148	64.3	32.1	96.5	





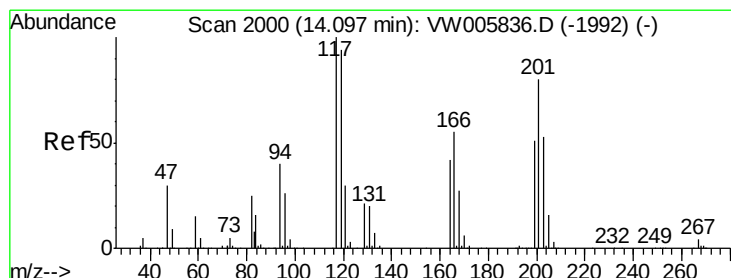
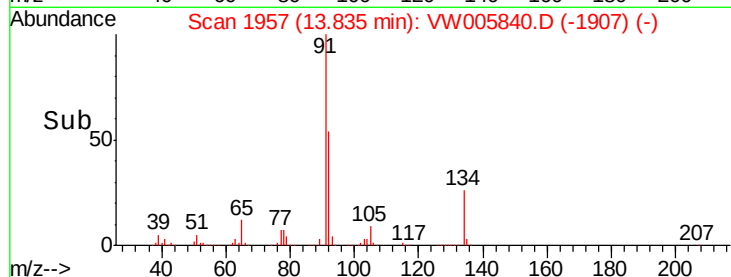
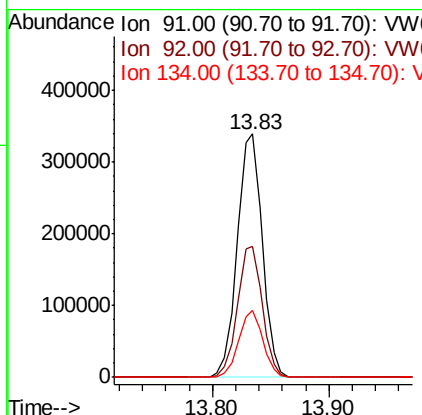
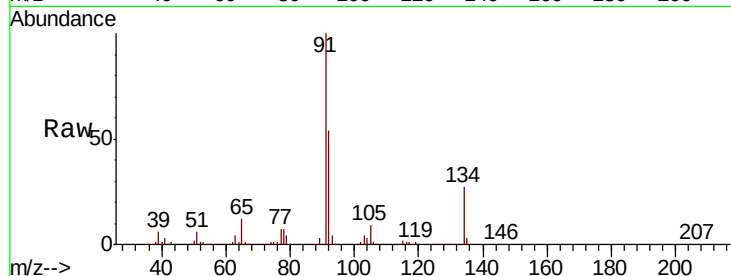
#89
n-Butylbenzene
Concen: 54.116 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampled :
ICVW100418

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.3	26.2	78.5	
134	26.4	13.1	39.1	

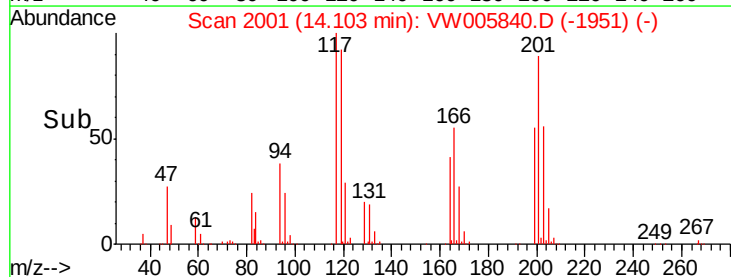
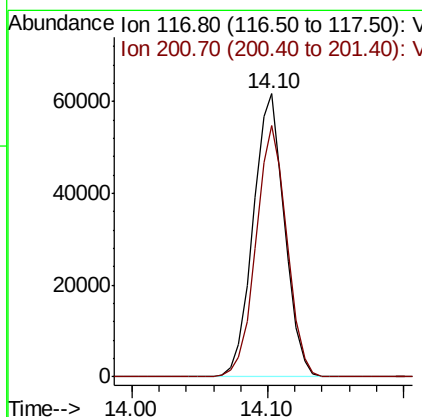
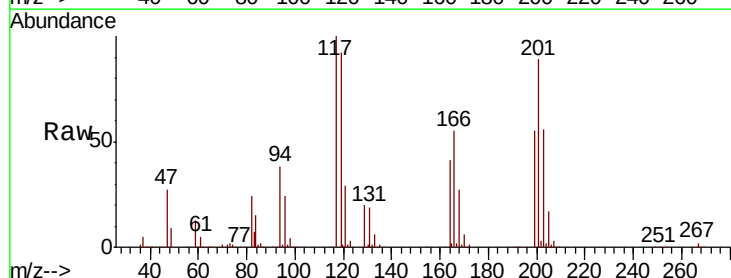
Manual Integrations
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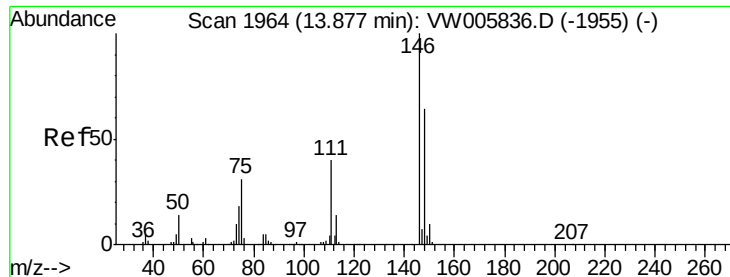
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#90
Hexachloroethane
Concen: 52.023 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.6	43.7	131.1	





#91

1,2-Dichlorobenzene

Concen: 52.021 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

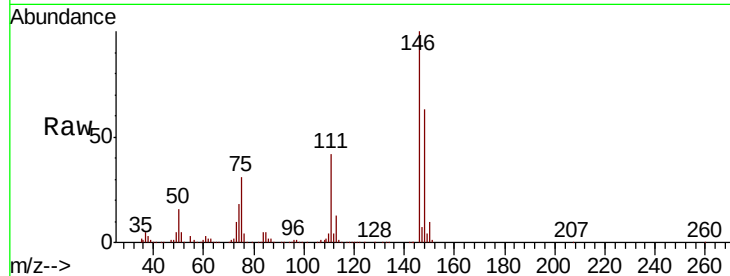
ClientSampleId :

ICVW100418

Tot Ion:	146	Resp:	253161
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.4	61.3
148	64.0	32.1	96.3

Manual Integrations
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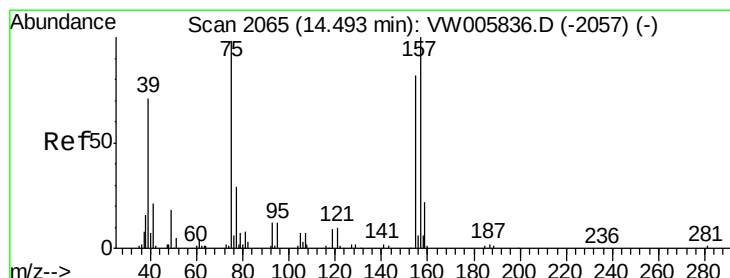
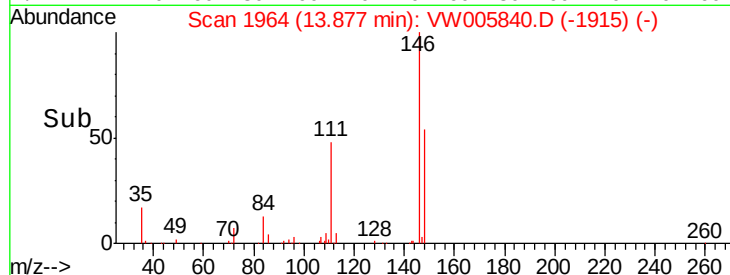
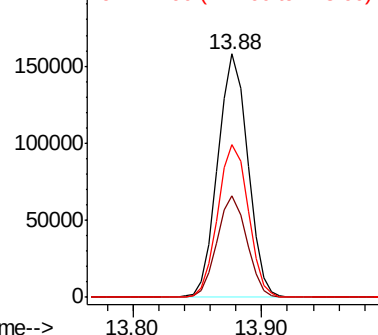


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.680 ug/l

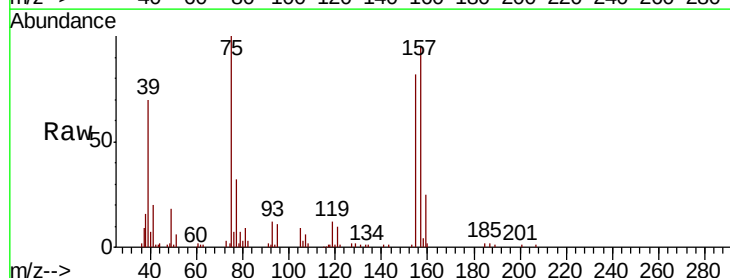
RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion:	75	Resp:	17909
Ion Ratio	Lower	Upper	
75	100		
155	81.8	41.3	123.9
157	100.3	51.9	155.7

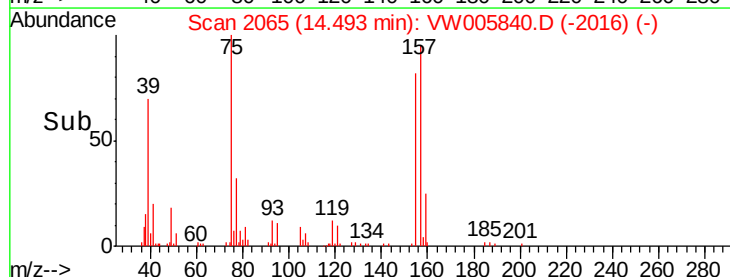
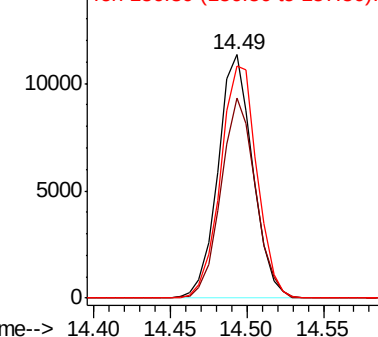


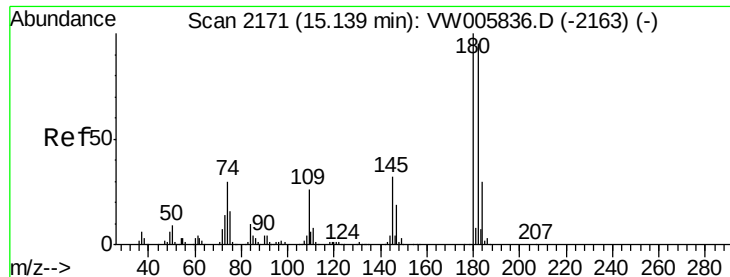
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





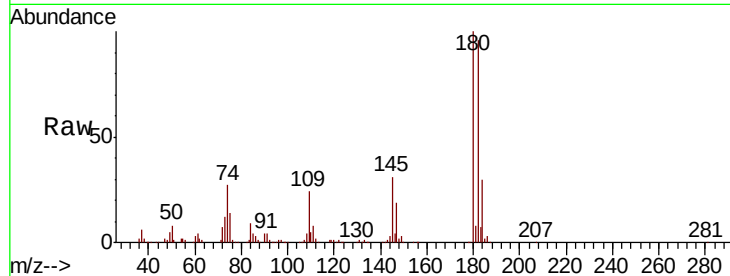
#93
 1,2,4-Trichlorobenzene
 Concen: 53.321 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion	Ratio	Resp	Lower	Upper
180	100	181345		
182	95.5	47.6	142.8	
145	30.6	15.0	45.0	

Manual Integrations
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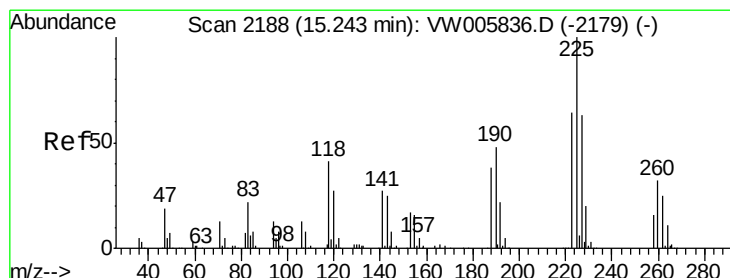
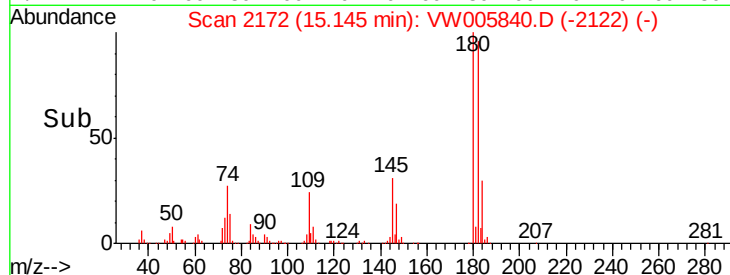
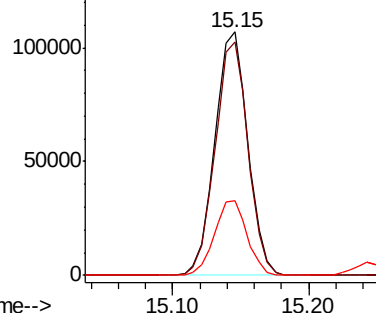


Abundance

Ion 179.80 (179.50 to 180.50): V

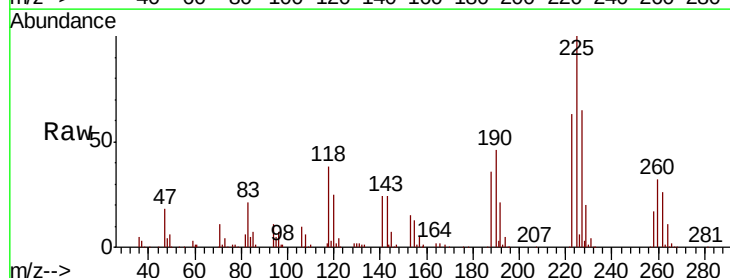
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.246 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110208		
223	62.6	31.2	93.6	
227	63.8	31.7	95.1	

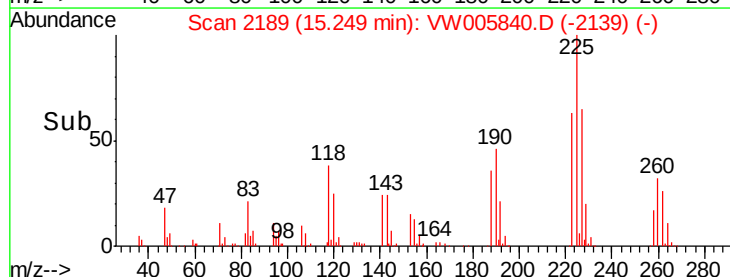
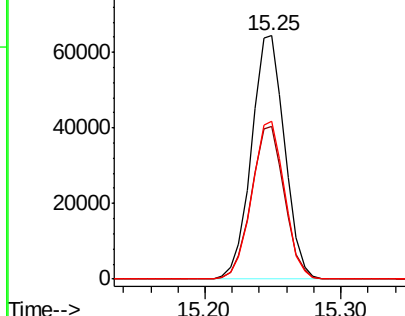


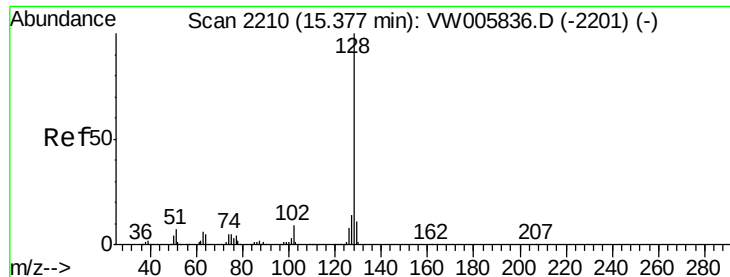
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





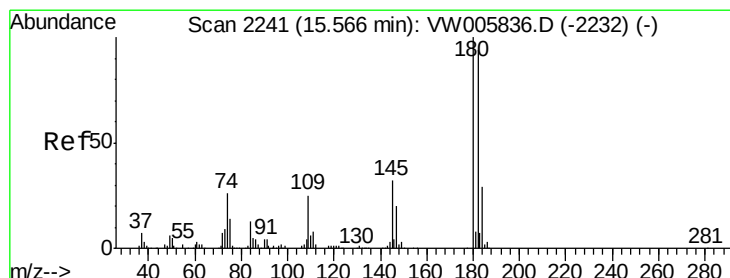
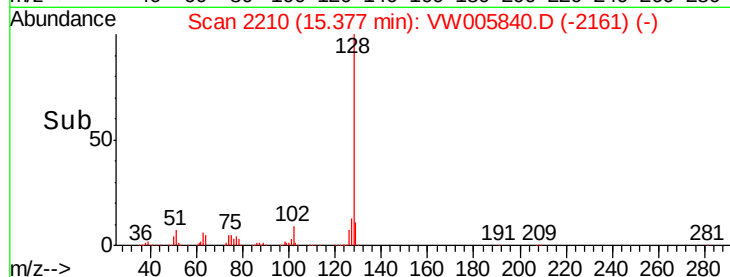
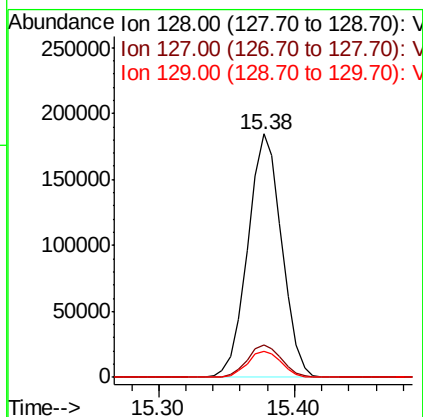
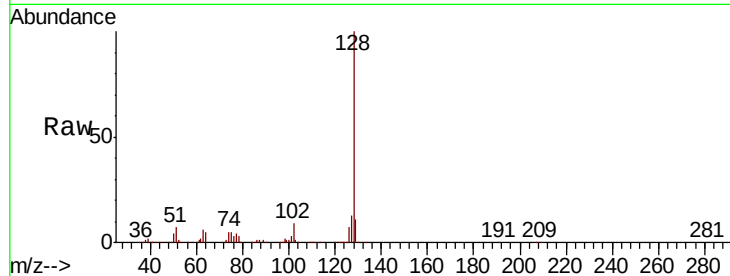
#95
Naphthalene
Concen: 49.861 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.7	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.594 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	32.2	16.1	48.2

