

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005407.D
 Acq On : 15 Sep 2018 02:13
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW091618

Manual Integrations
 APPROVED

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 9/17/2018 2:24:14 PM

Quant Time: Sep 15 02:35:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	229569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	332061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112493	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	7.89	113	92703	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.33	98	448910	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	163067	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	98390	50.52	ug/l	99
3) Chloromethane	2.21	50	118448	43.71	ug/l	94
4) Vinyl Chloride	2.35	62	114844	45.24	ug/l	99
5) Bromomethane	2.78	94	76077	49.15	ug/l	97
6) Chloroethane	2.92	64	68529	45.55	ug/l	97
7) Trichlorofluoromethane	3.26	101	165129	49.10	ug/l	99
8) Diethyl Ether	3.69	74	45599	45.62	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	89181	45.47	ug/l	99
10) Methyl Iodide	4.28	142	120856	48.58	ug/l	99
11) Tert butyl alcohol	5.21	59	36394	253.91	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	80123	45.11	ug/l	92
13) Acrolein	3.90	56	23622	231.10	ug/l	97
14) Allyl chloride	4.67	41	162621	49.20	ug/l	99
15) Acrylonitrile	5.38	53	105272	230.28	ug/l	98
16) Acetone	4.14	43	81729	237.61	ug/l	99
17) Carbon Disulfide	4.39	76	290881	46.49	ug/l	98
18) Methyl Acetate	4.68	43	54704	47.77	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	234492	48.62	ug/l	96
20) Methylene Chloride	4.92	84	118160	49.98	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	97810	46.11	ug/l	98
22) Diisopropyl ether	6.32	45	335933	51.71	ug/l	99
23) Vinyl Acetate	6.26	43	926108	250.16	ug/l	100
24) 1,1-Dichloroethane	6.23	63	183706	46.60	ug/l	99
25) 2-Butanone	7.18	43	139080	242.63	ug/l	96
26) 2,2-Dichloropropane	7.18	77	172739	48.84	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	111992	48.54	ug/l	100
28) Bromochloromethane	7.52	49	72097	47.02	ug/l	99
29) Tetrahydrofuran	7.54	42	86730	237.50	ug/l	99
30) Chloroform	7.68	83	194535	47.65	ug/l	100
31) Cyclohexane	7.96	56	183550	48.26	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	190207	50.10	ug/l	99
36) 1,1-Dichloropropene	8.09	75	163118	49.60	ug/l	99
37) Ethyl Acetate	7.26	43	63266	47.31	ug/l	99
38) Carbon Tetrachloride	8.07	117	169003	49.32	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	198580	51.97	ug/l	99
40) Benzene	8.33	78	460175	48.31	ug/l	100
41) Methacrylonitrile	7.49	41	39920	49.48	ug/l	97
42) 1,2-Dichloroethane	8.41	62	138348	46.40	ug/l	99
43) Isopropyl Acetate	8.43	43	129451	49.60	ug/l	100
44) Trichloroethene	9.10	130	119447	48.72	ug/l	97
45) 1,2-Dichloropropane	9.38	63	110143	48.39	ug/l	98
46) Dibromomethane	9.46	93	50711	45.30	ug/l	97
47) Bromodichloromethane	9.65	83	147779	48.72	ug/l	97
48) Methyl methacrylate	9.45	41	65398	50.21	ug/l	97
49) 1,4-Dioxane	9.48	88	18471	989.86	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	345723	257.33	ug/l	100
52) Toluene	10.40	92	327420	50.75	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	153110	50.44	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	174008	50.62	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77774	46.74	ug/l	97
56) Ethyl methacrylate	10.65	69	109552	52.02	ug/l	99
57) 1,3-Dichloropropane	10.94	76	143811	50.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	260489	273.45	ug/l	100
59) 2-Hexanone	10.98	43	238402	260.51	ug/l	99
60) Dibromochloromethane	11.13	129	97707	48.80	ug/l	98
61) 1,2-Dibromoethane	11.24	107	73956	49.56	ug/l	99
64) Tetrachloroethene	10.87	164	123982	50.52	ug/l	97
65) Chlorobenzene	11.66	112	348445	49.44	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	113220	50.26	ug/l	100
67) Ethyl Benzene	11.74	91	638517	51.52	ug/l	99
68) m/p-Xylenes	11.85	106	489074	102.53	ug/l	99
69) o-Xylene	12.17	106	226933	51.09	ug/l	100
70) Styrene	12.19	104	380913	51.96	ug/l	100
71) Bromoform	12.35	173	61243	51.40	ug/l #	99
73) Isopropylbenzene	12.47	105	637914	53.79	ug/l	100
74) N-amyl acetate	12.28	43	133634	53.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	90843	52.51	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67930m	48.86	ug/l	
77) Bromobenzene	12.76	156	142525	50.83	ug/l	99
78) n-propylbenzene	12.81	91	762727	53.29	ug/l	100
79) 2-Chlorotoluene	12.90	91	441111	52.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	548093	52.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	27641	51.57	ug/l	97
82) 4-Chlorotoluene	12.99	91	458227	51.40	ug/l	100
83) tert-Butylbenzene	13.21	119	464373	54.03	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	557214	53.04	ug/l	100
85) sec-Butylbenzene	13.39	105	663937	53.46	ug/l	99
86) p-Isopropyltoluene	13.51	119	592412	53.34	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	286235	50.34	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	279438	49.90	ug/l	100
89) n-Butylbenzene	13.83	91	550984	53.28	ug/l	100
90) Hexachloroethane	14.10	117	99831	52.46	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	251549	50.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16758	50.43	ug/l	99

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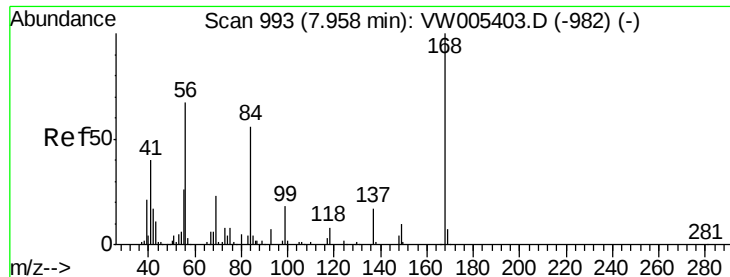
Manual Integrations
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9/17/2018 2:24:14 PM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	173065	52.19	ug/l	99
94) Hexachlorobutadiene	15.24	225	113223	52.29	ug/l	99
95) Naphthalene	15.38	128	298207	53.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	148372	51.27	ug/l	100

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



#1

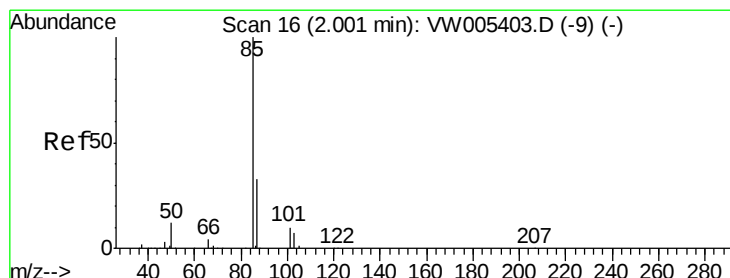
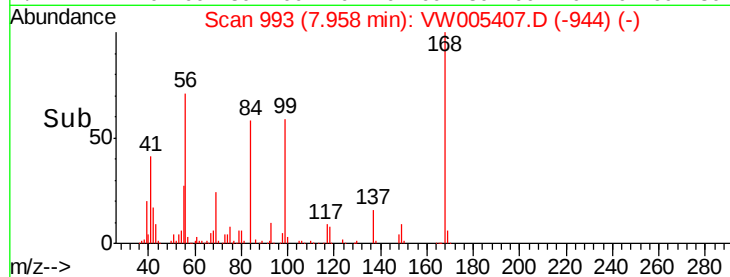
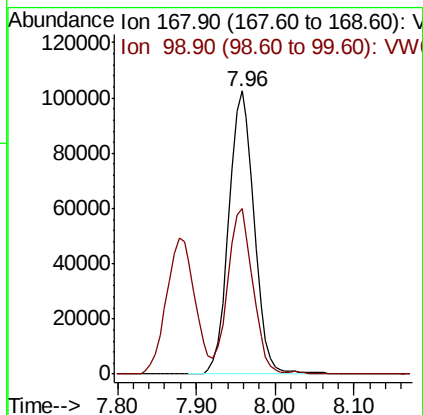
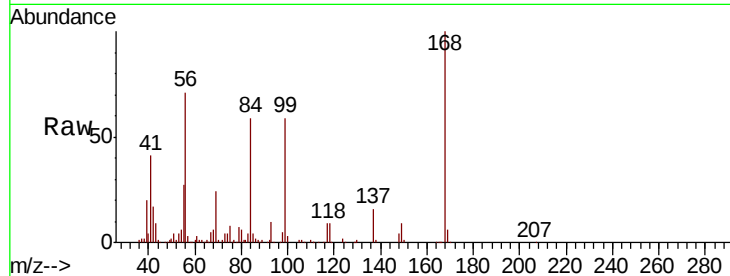
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.5	45.0	67.6

Manual Integrations
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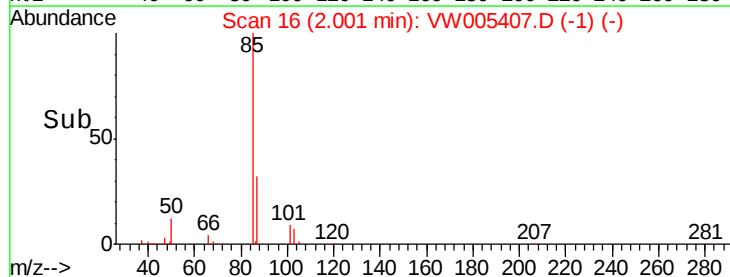
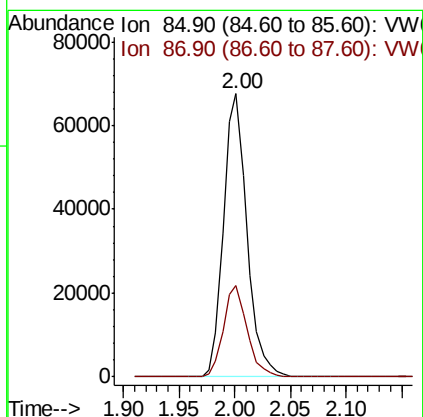
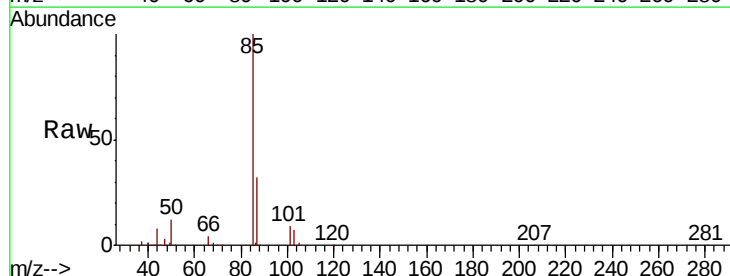
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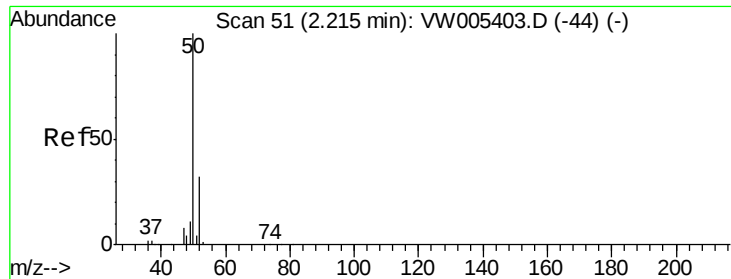


#2

Dichlorodifluoromethane
 Concen: 50.52 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.1





#3

Chloromethane

Concen: 43.71 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 50 Resp: 118448

Ion Ratio Lower Upper

50 100

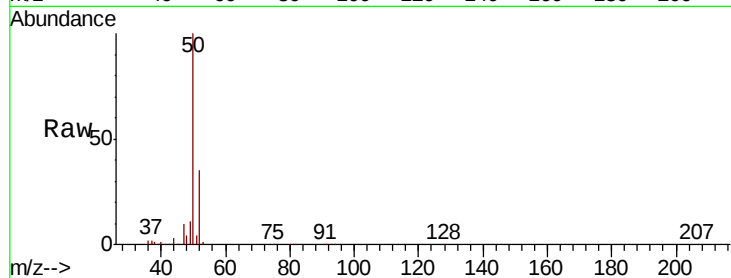
52 35.4 25.8 38.6

Manual Integrations

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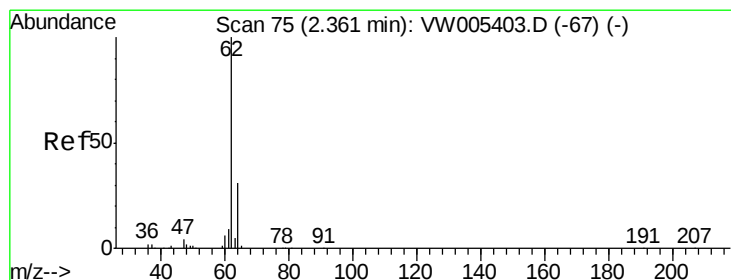
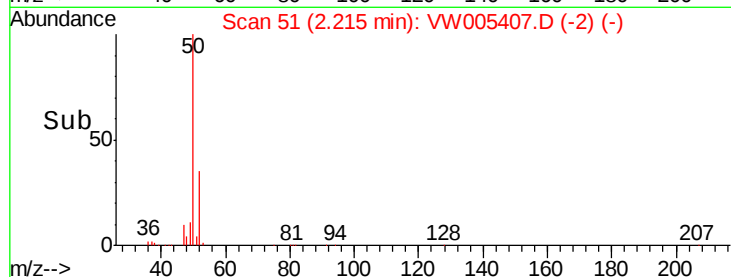
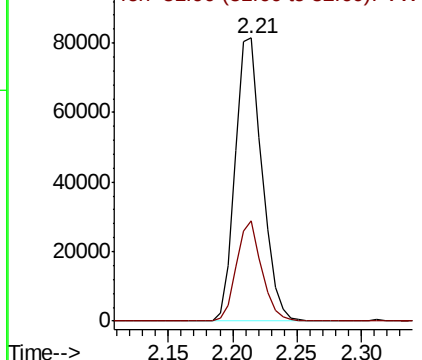
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 45.24 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005407.D

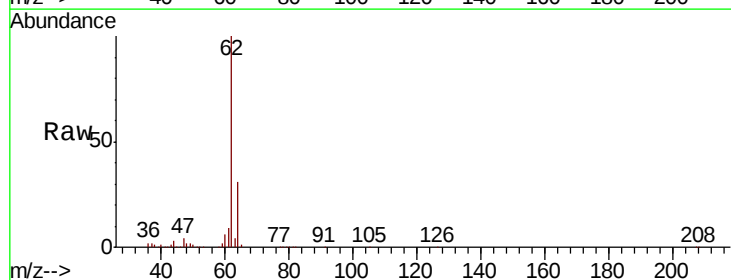
Acq: 15 Sep 2018 02:13

Tgt Ion: 62 Resp: 114844

Ion Ratio Lower Upper

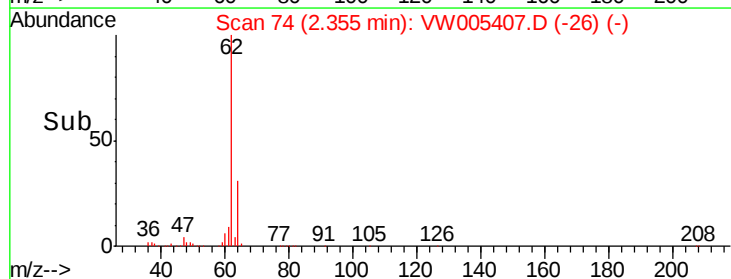
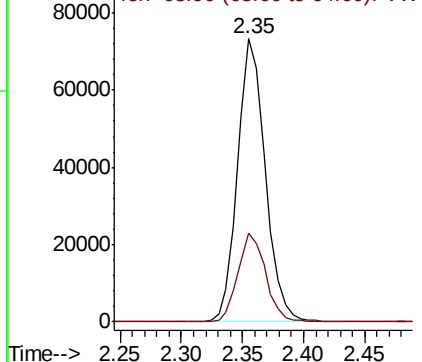
62 100

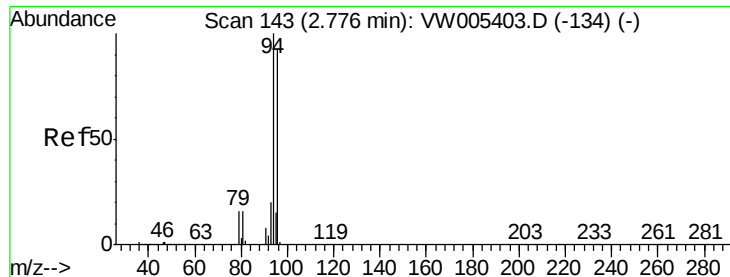
64 31.2 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 49.15 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 94 Resp: 76077

Ion Ratio Lower Upper

94 100

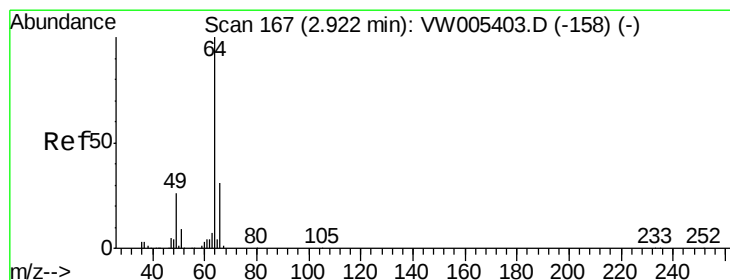
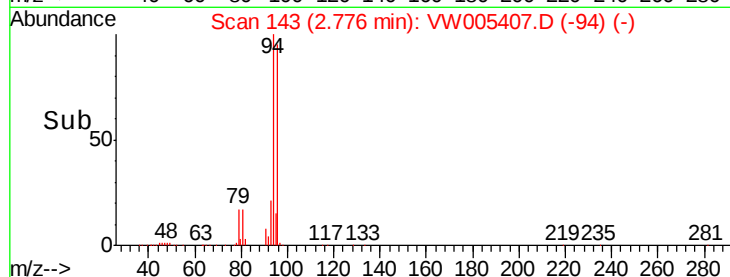
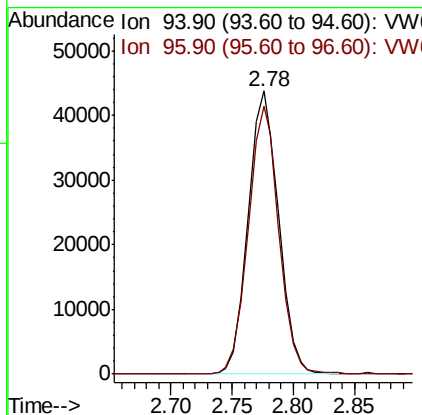
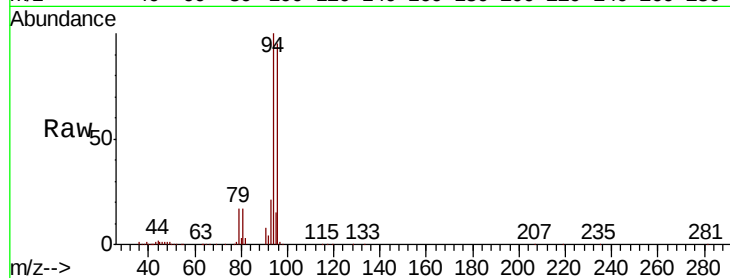
96 94.6 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 45.55 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005407.D

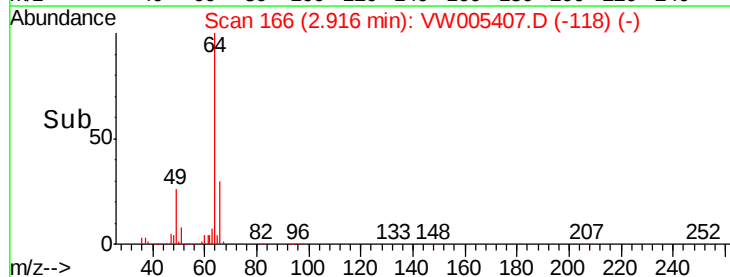
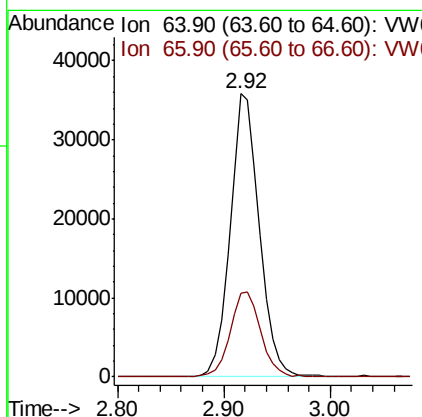
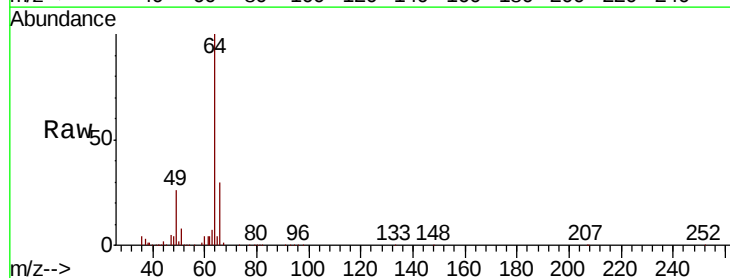
Acq: 15 Sep 2018 02:13

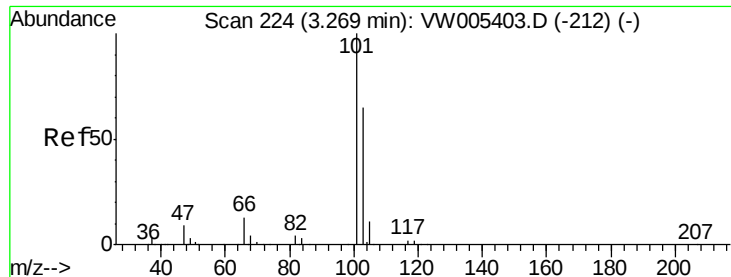
Tgt Ion: 64 Resp: 68529

Ion Ratio Lower Upper

64 100

66 29.7 25.2 37.8





#7

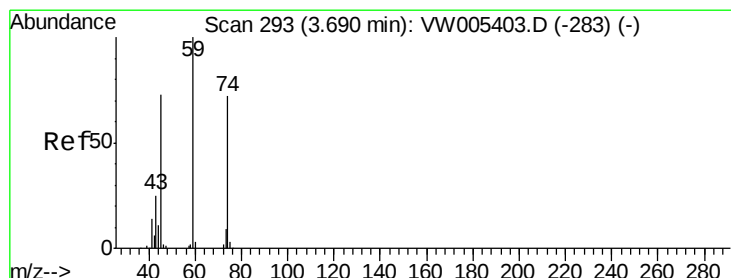
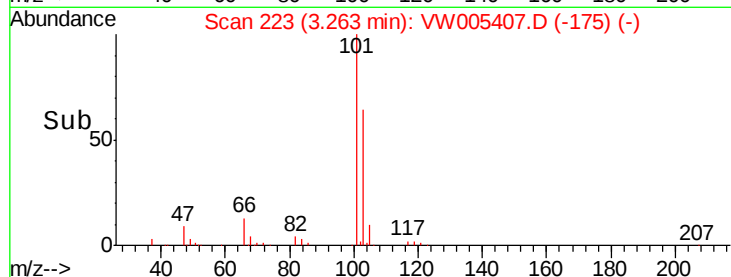
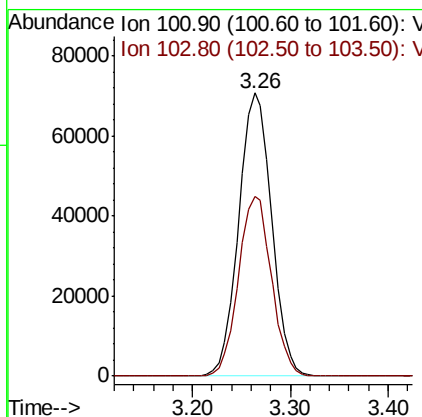
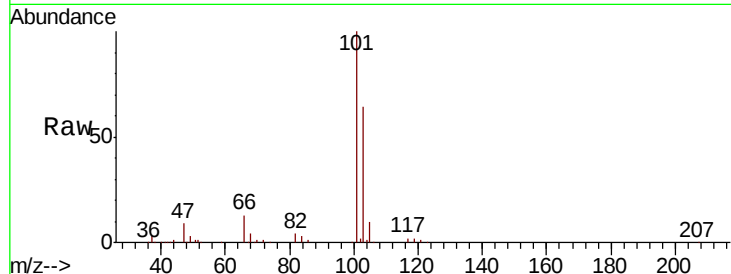
Trichlorofluoromethane
 Concen: 49.10 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		165129		
103	63.7	51.7	77.5		

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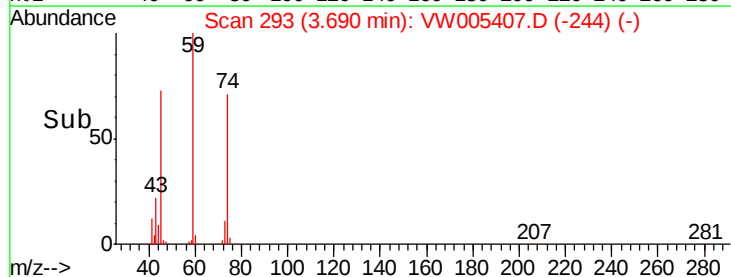
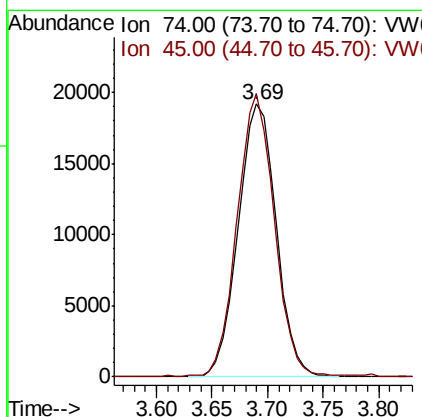
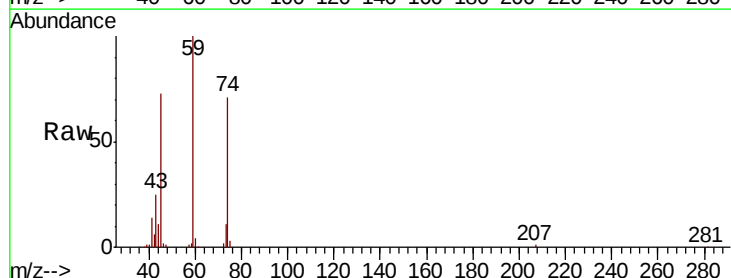
apatel
 9/17/2018 2:24:14 PM

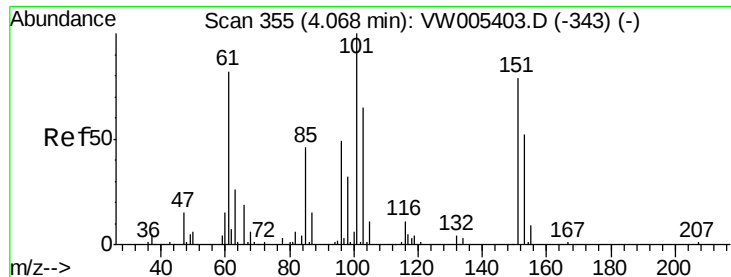


#8

Diethyl Ether
 Concen: 45.62 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		45599		
45	101.7	53.1	159.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.47 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

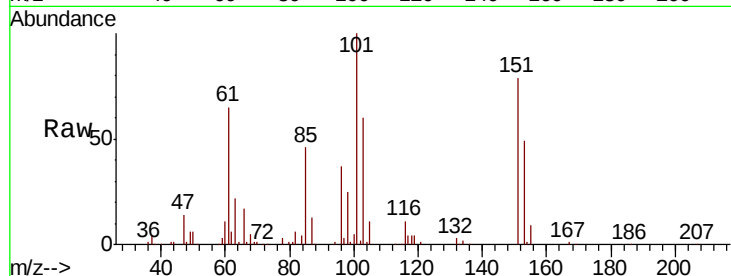
ClientSampleId :

ICVW091618

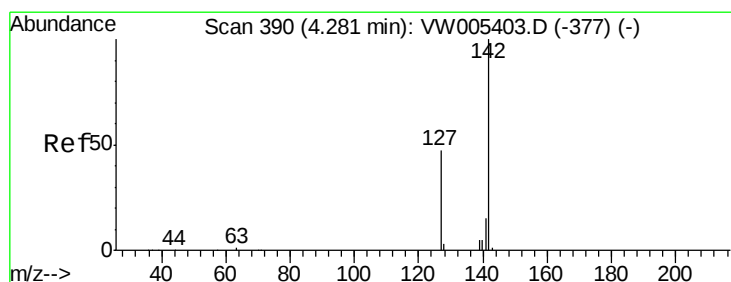
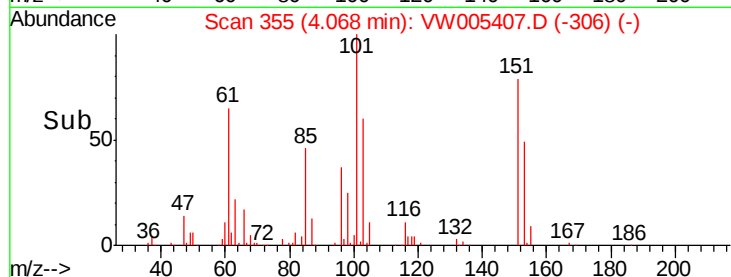
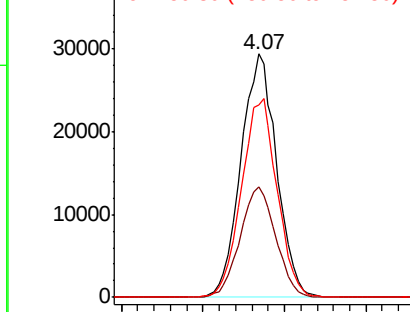
Tot Ion:	101	Resp:	89181
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.6	54.8
151	81.7	66.3	99.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.58 ug/l

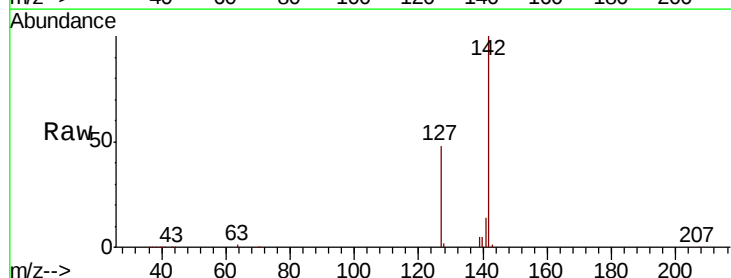
RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

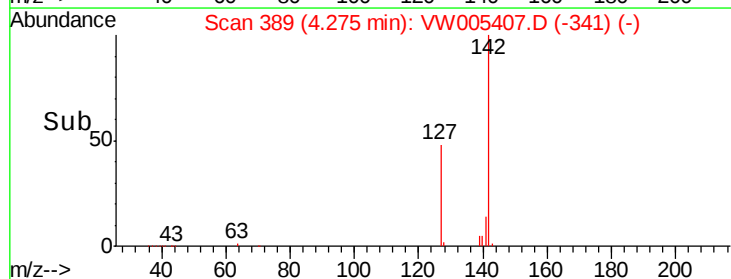
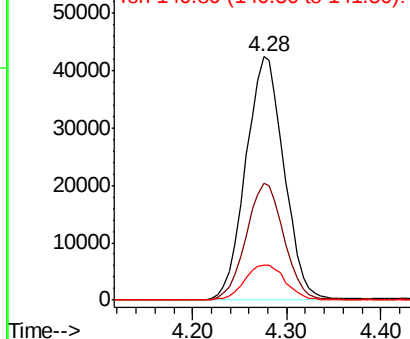
Lab File: VW005407.D

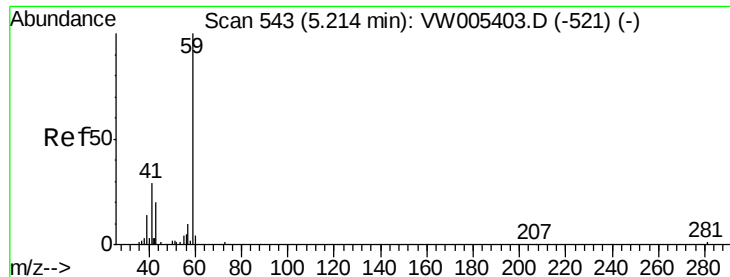
Acq: 15 Sep 2018 02:13

Tgt Ion:	142	Resp:	120856
Ion Ratio	Lower	Upper	
142	100		
127	47.5	37.5	56.3
141	15.4	12.4	18.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

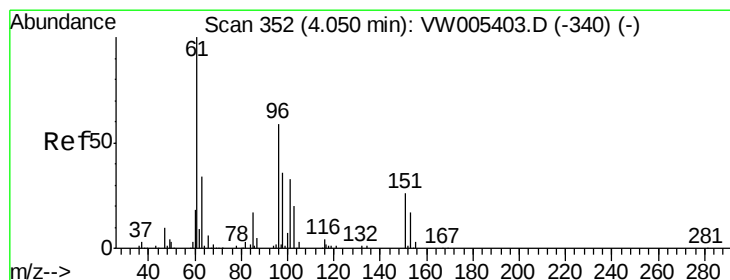
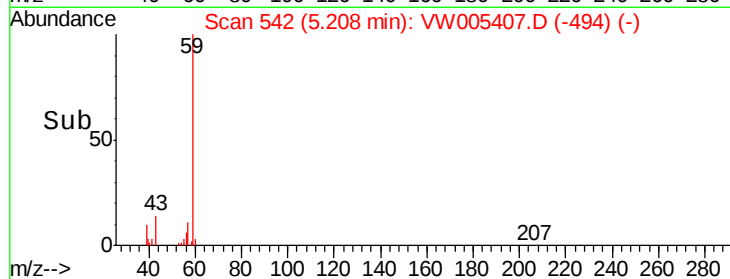
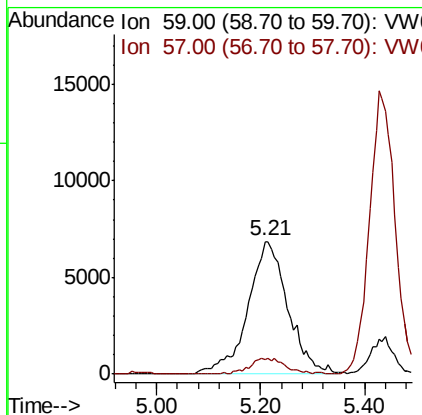
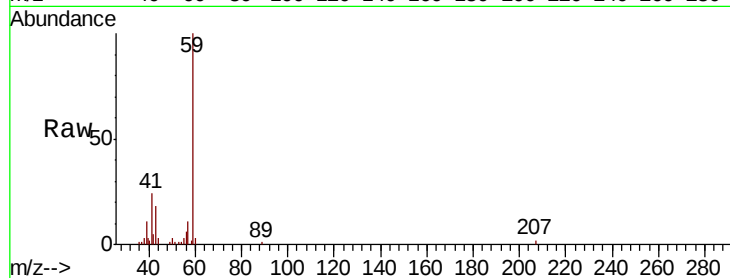
Tert butyl alcohol
 Concen: 253.91 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW091618

Tot Ion	59	57	Ratio	100	4.9	Resp	36394	Lower	8.6	Upper	13.0#

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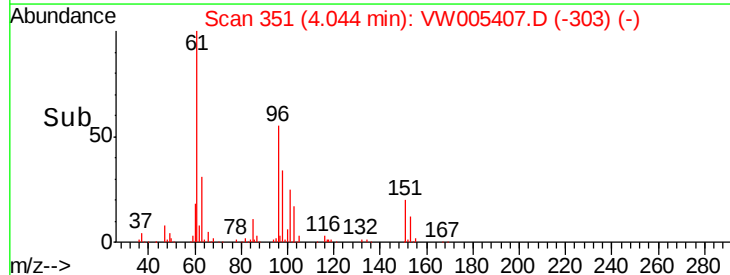
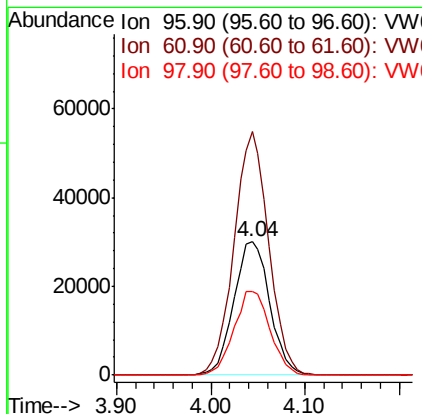
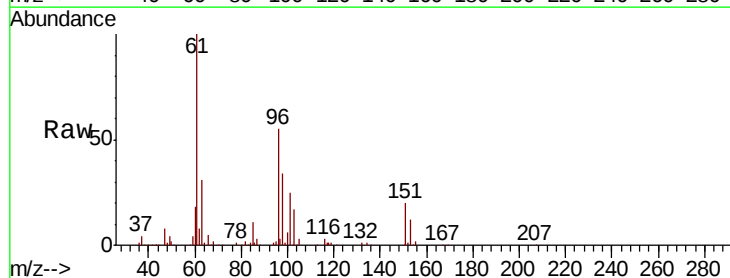
apatel
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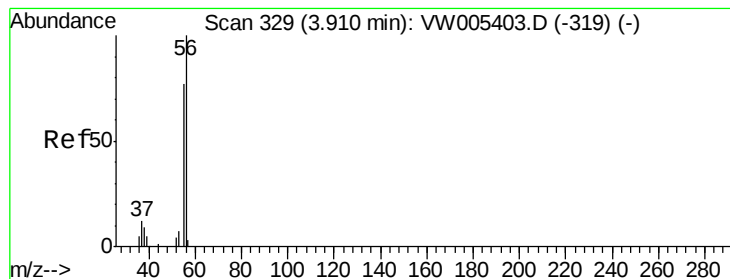


#12

1,1-Dichloroethene
 Concen: 45.11 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	96	61	98	Ratio	100	182.9	62.9	Resp	80123	Lower	135.7	Upper	203.5	73.0





#13

Acrolein

Concen: 231.10 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 56 Resp: 23622

Ion Ratio Lower Upper

56 100

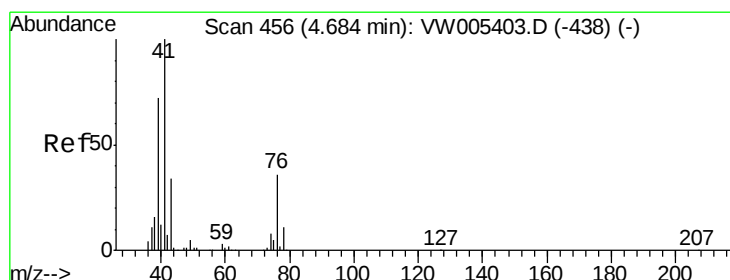
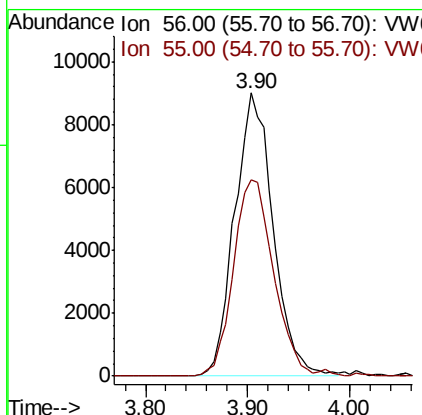
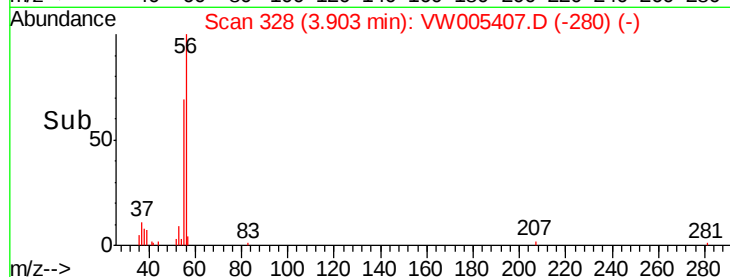
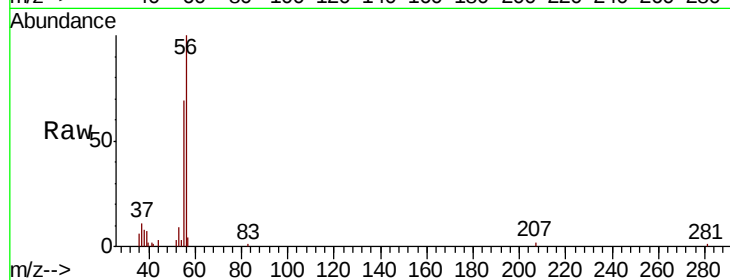
55 72.2 59.8 89.8

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#14

Allyl chloride

Concen: 49.20 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

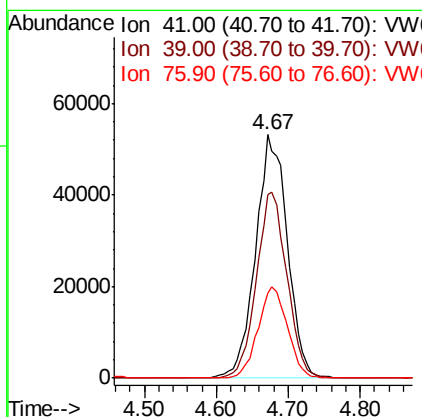
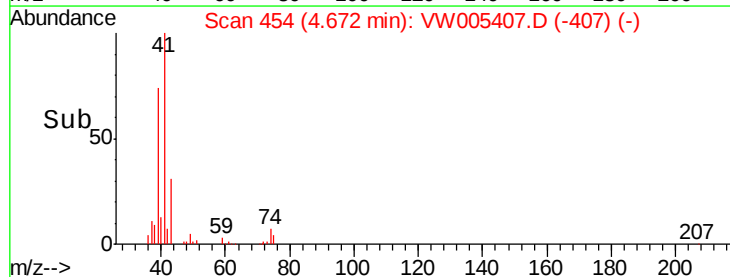
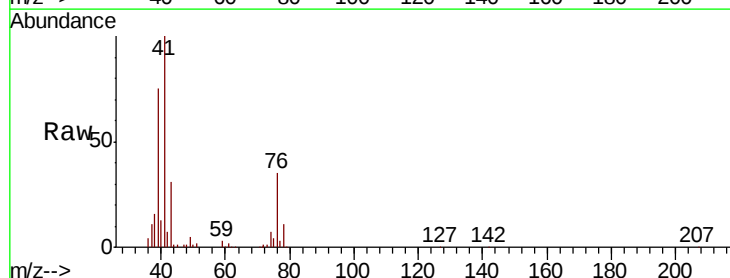
Tgt Ion: 41 Resp: 162621

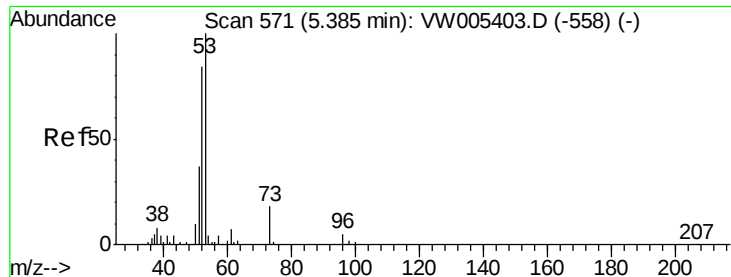
Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

76 34.8 27.4 41.0





#15

Acrylonitrile

Concen: 230.28 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

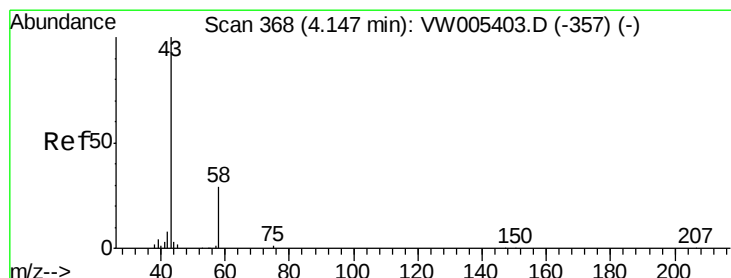
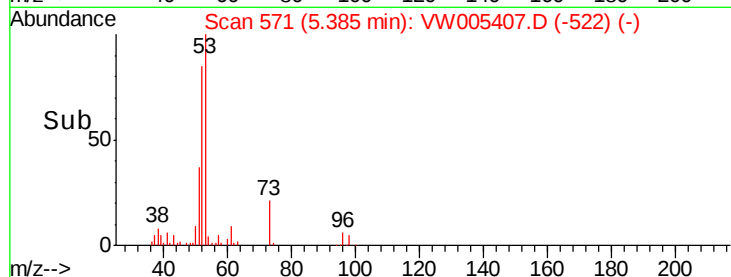
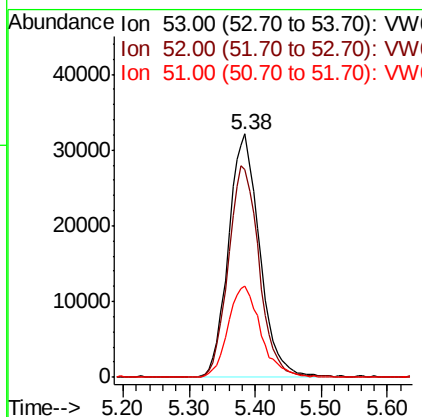
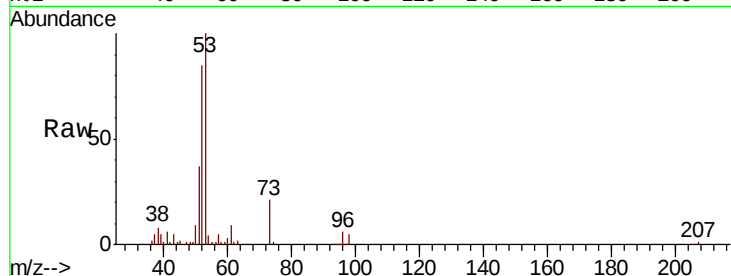
ClientSampleId :

ICVW091618

Tot Ion:	53	Resp:	105272
Ion	Ratio	Lower	Upper
53	100		
52	85.9	66.6	99.8
51	39.3	31.1	46.7

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#16

Acetone

Concen: 237.61 ug/l

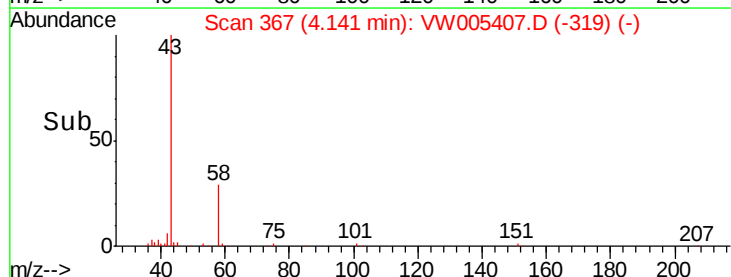
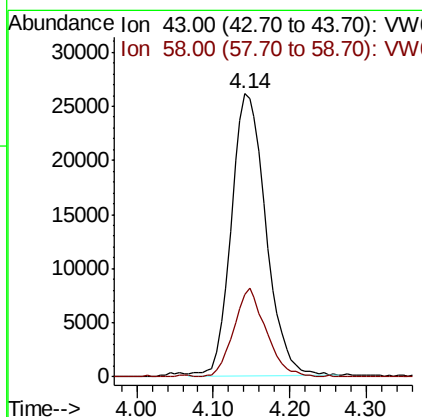
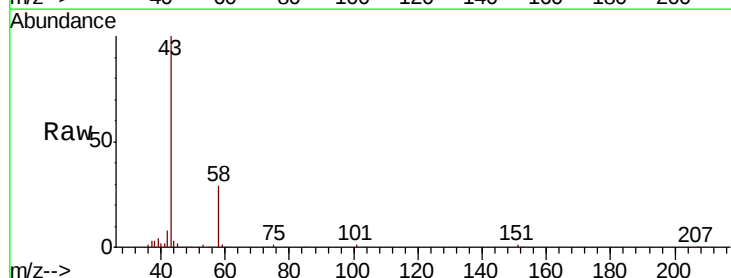
RT: 4.14 min Scan# 367

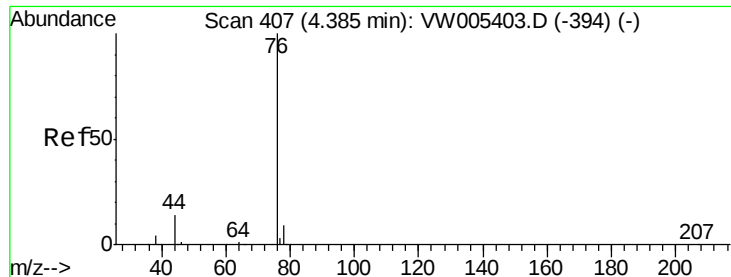
Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	43	Resp:	81729
Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.8	34.2





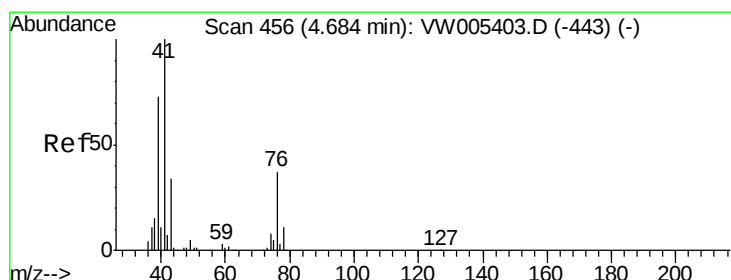
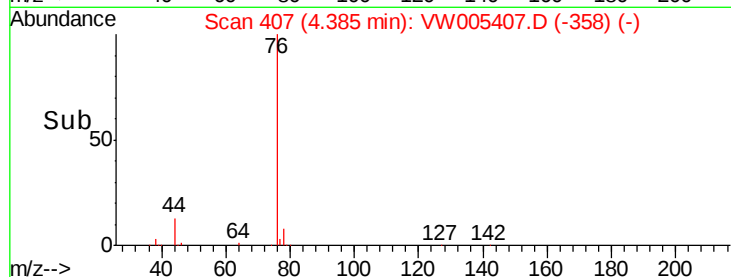
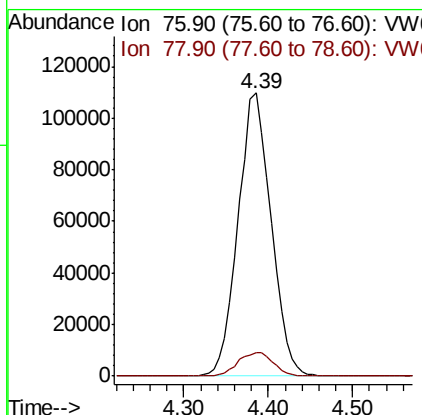
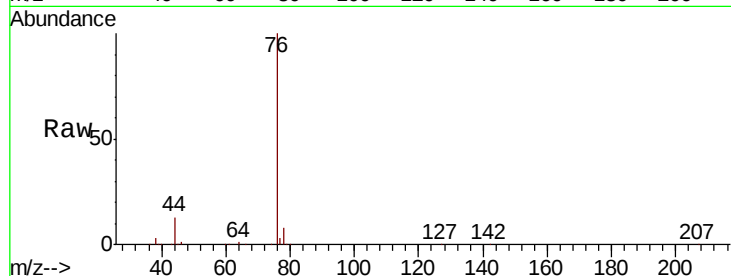
#17
Carbon Disulfide
Concen: 46.49 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

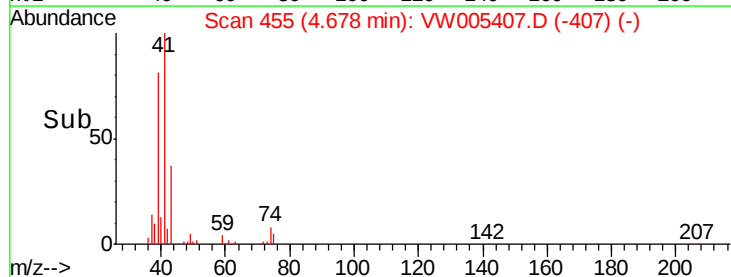
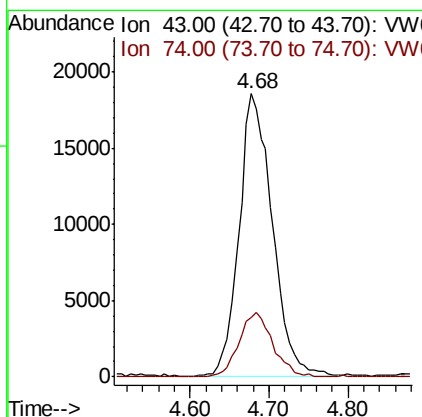
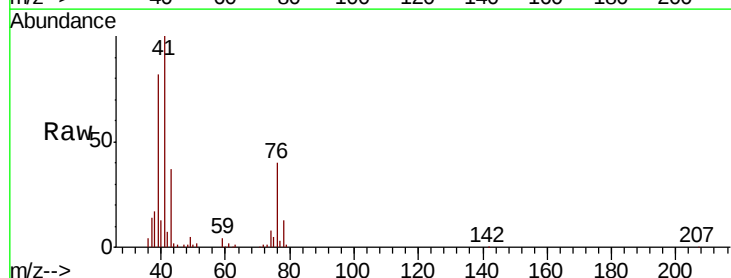
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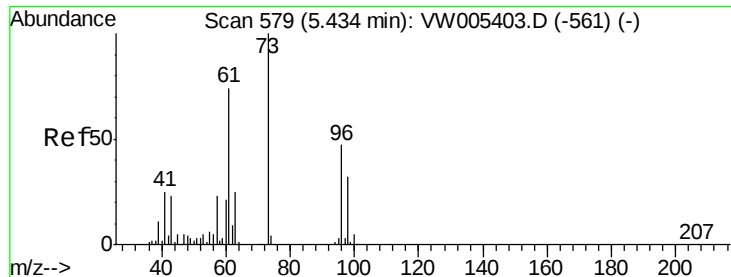
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#18
Methyl Acetate
Concen: 47.77 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.7	26.5





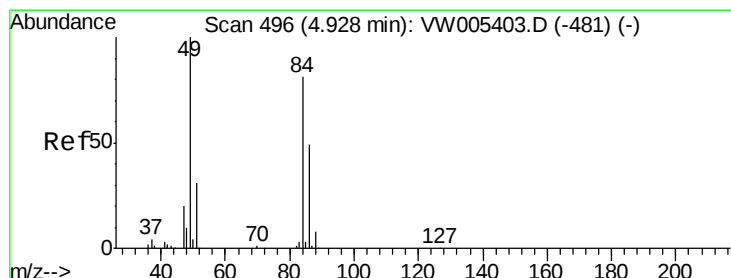
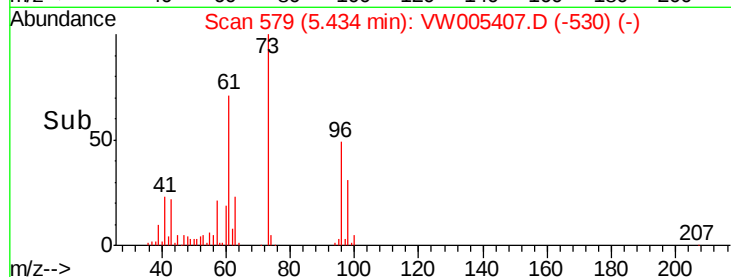
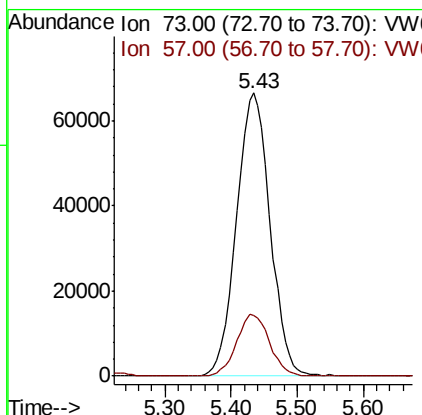
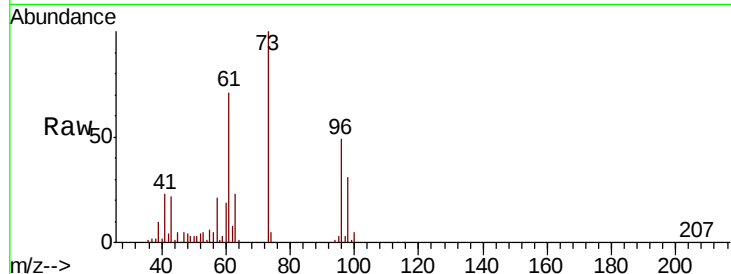
#19
Methyl tert-butyl Ether
Concen: 48.62 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion: 73 Resp: 234492
Ion Ratio Lower Upper
73 100
57 21.5 18.6 28.0

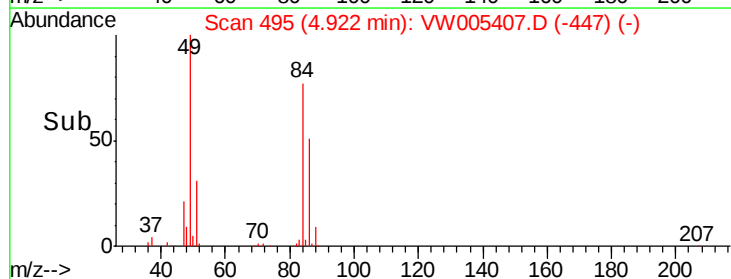
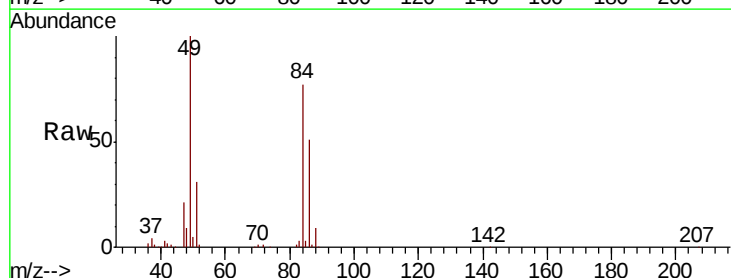
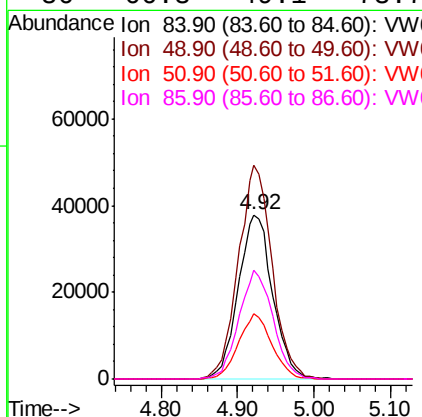
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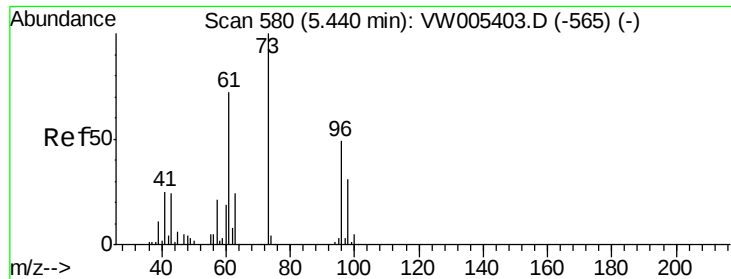
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#20
Methylene Chloride
Concen: 49.98 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 84 Resp: 118160
Ion Ratio Lower Upper
84 100
49 130.0 99.3 148.9
51 39.9 31.1 46.7
86 66.3 49.1 73.7





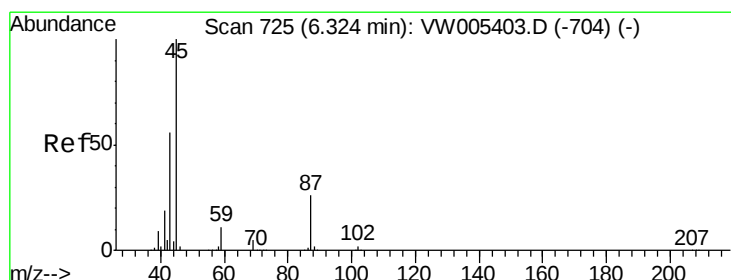
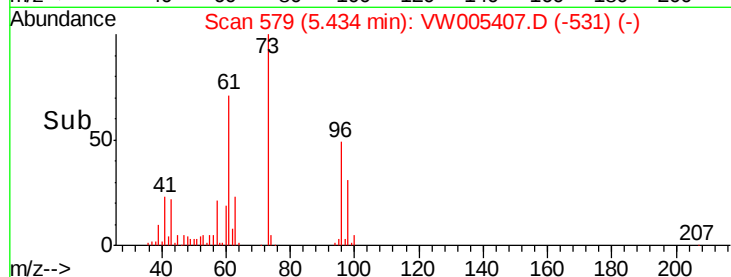
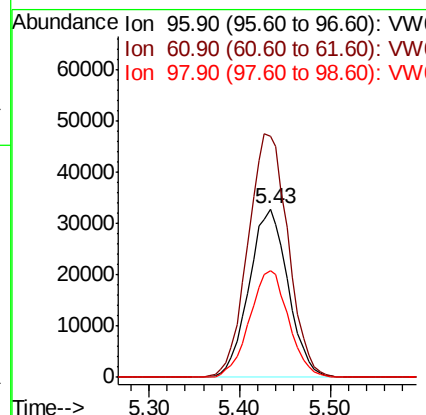
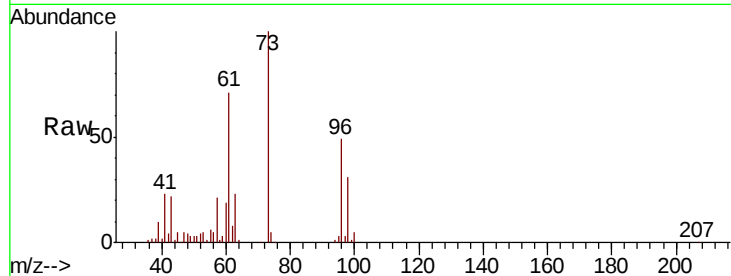
#21
trans-1,2-Dichloroethene
Concen: 46.11 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	116.7	175.1
98	63.0	51.0	76.6

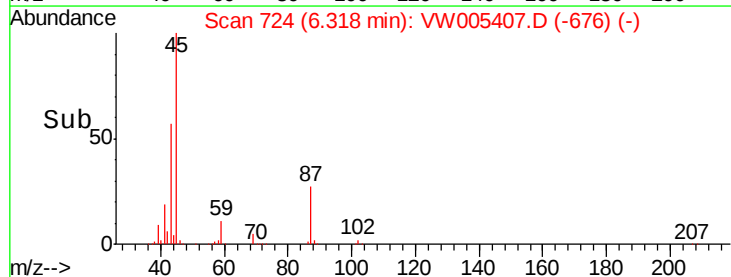
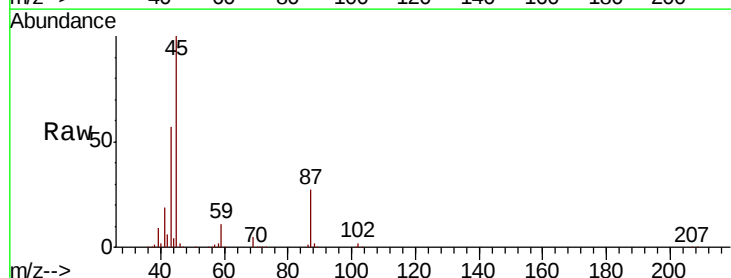
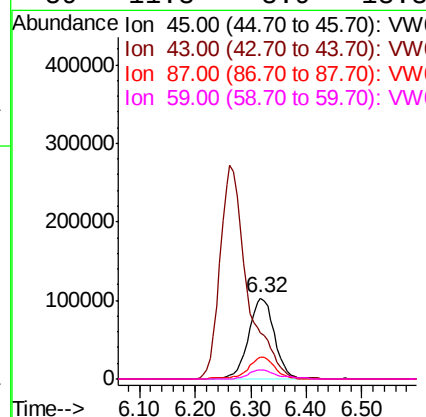
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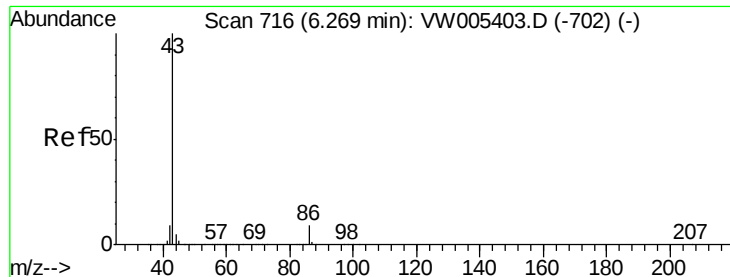
apatel
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#22
Diisopropyl ether
Concen: 51.71 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.7	44.6	67.0
87	26.6	20.6	31.0
59	11.3	8.9	13.3





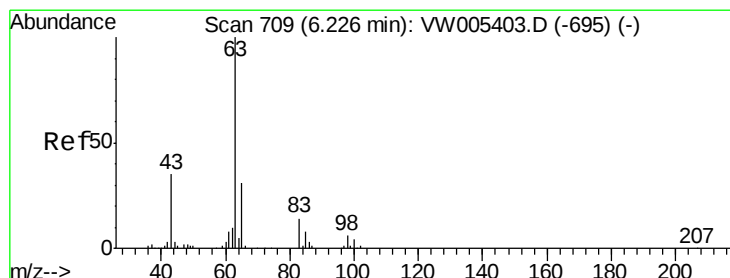
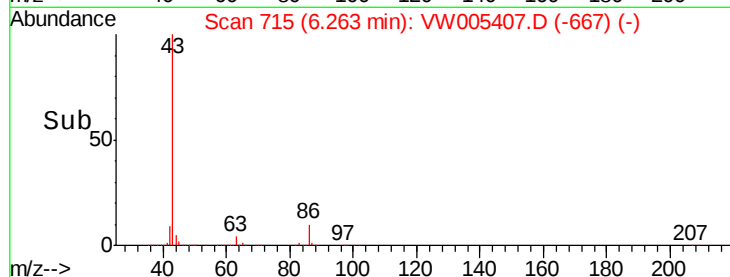
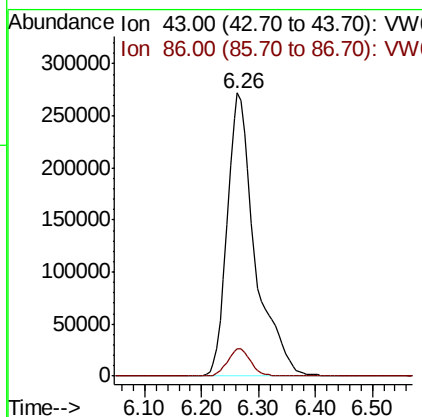
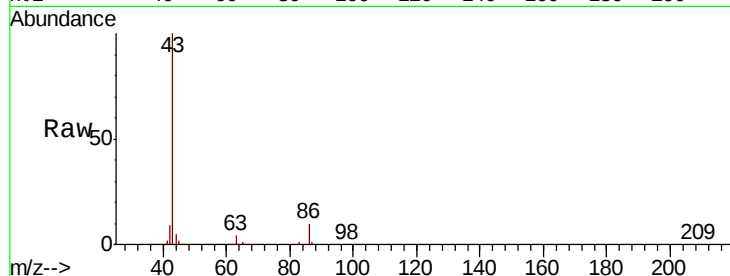
#23
 Vinyl Acetate
 Concen: 250.16 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Resp	Lower	Upper
43	100	926108		
86	9.6		7.5	11.3

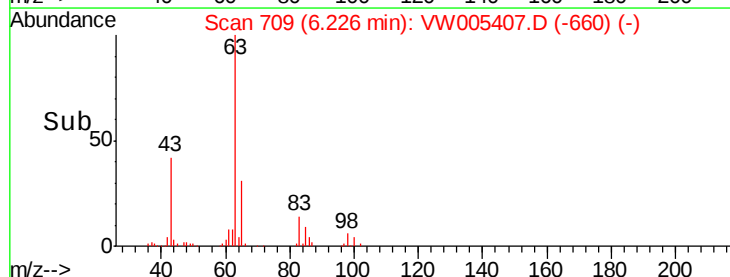
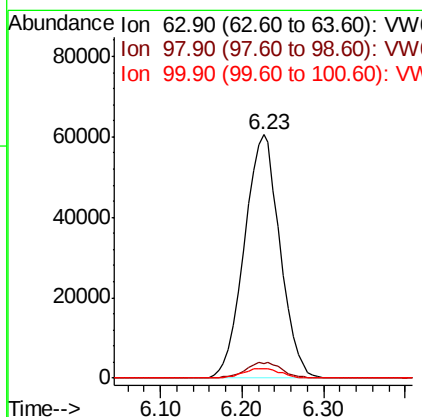
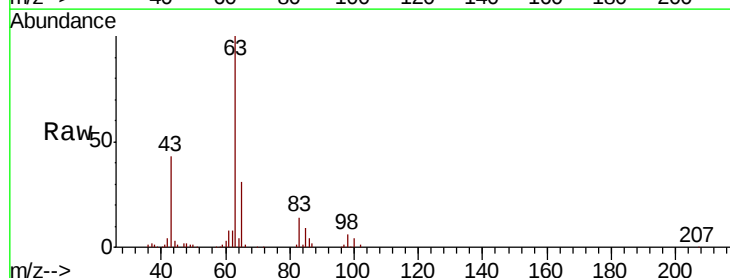
Manual Integrations
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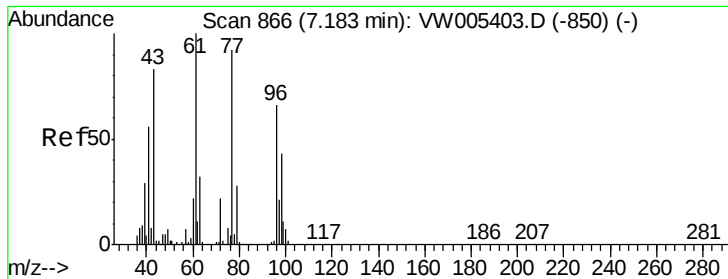
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#24
 1,1-Dichloroethane
 Concen: 46.60 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	183706		
98	6.2		2.9	8.8
100	3.8		2.3	6.8





#25

2-Butanone

Concen: 242.63 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 43 Resp: 139080

Ion Ratio Lower Upper

43 100

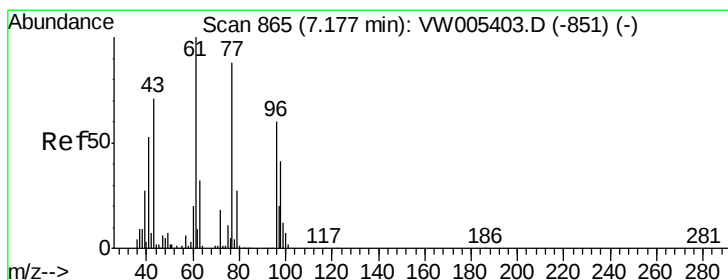
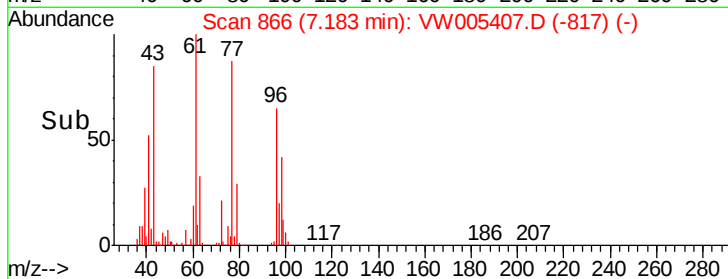
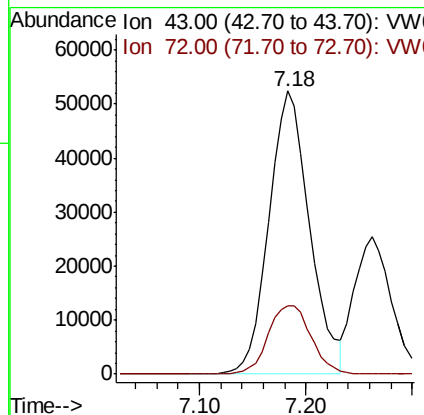
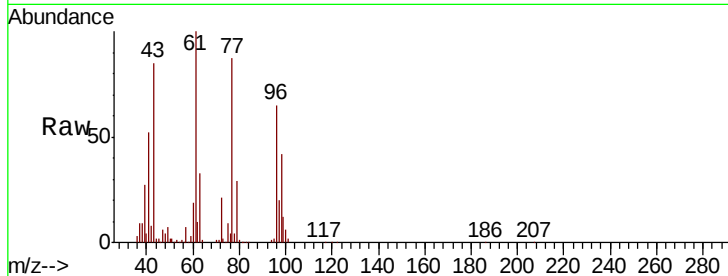
72 24.3 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.84 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005407.D

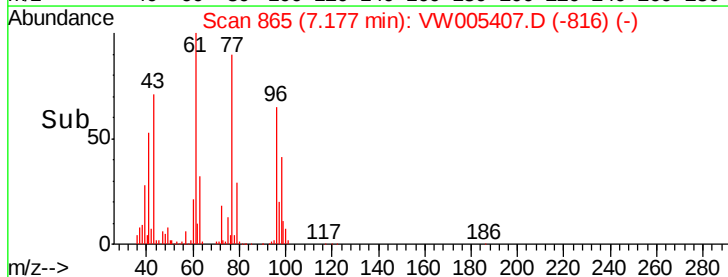
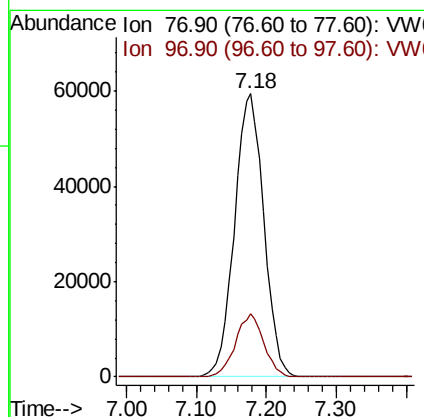
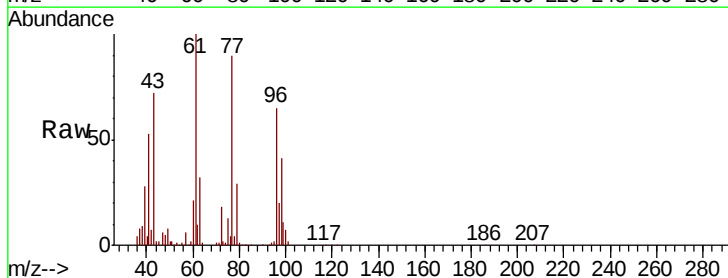
Acq: 15 Sep 2018 02:13

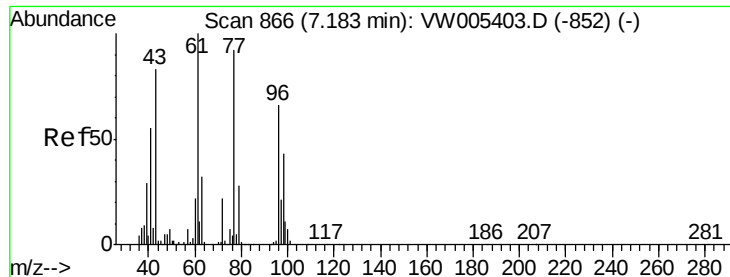
Tgt Ion: 77 Resp: 172739

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 48.54 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005407.D

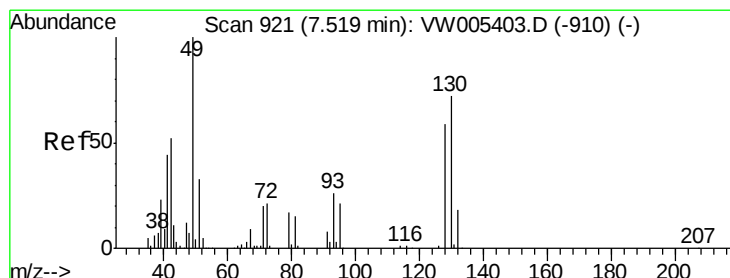
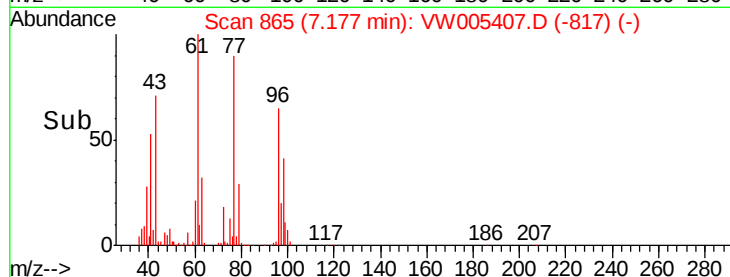
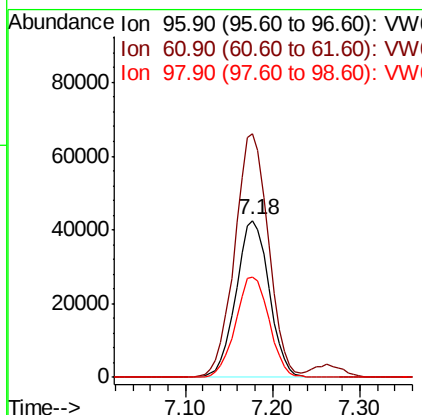
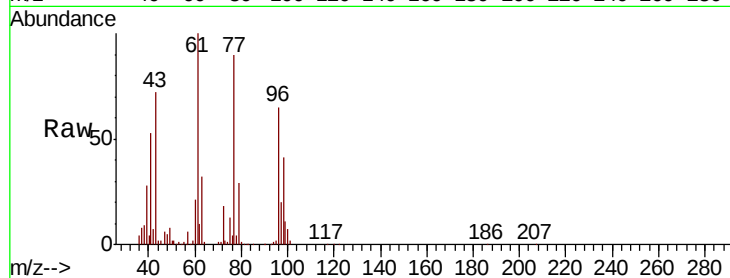
Acq: 15 Sep 2018 02:13

Tot Ion:	96	Resp:	111992
Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	316.0
98	64.9	0.0	130.8

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Manual Integrations
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#28

Bromochloromethane

Concen: 47.02 ug/l

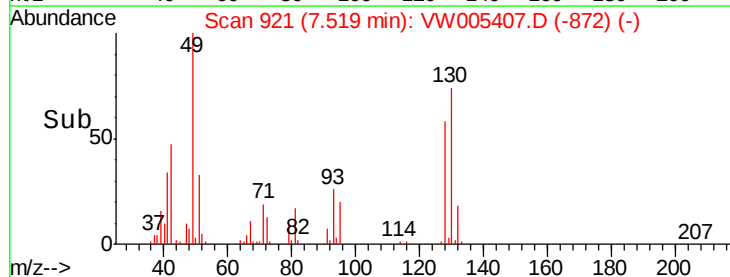
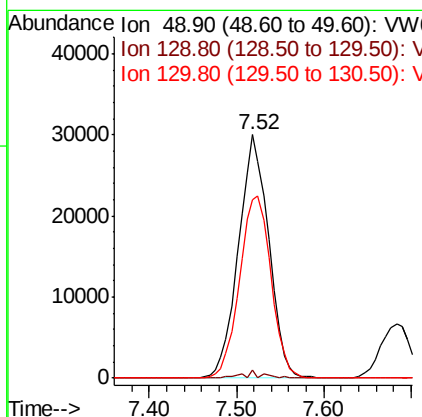
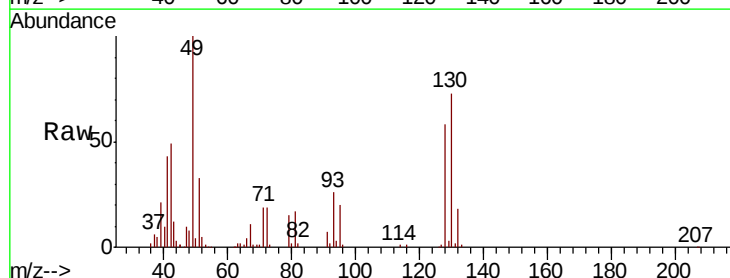
RT: 7.52 min Scan# 921

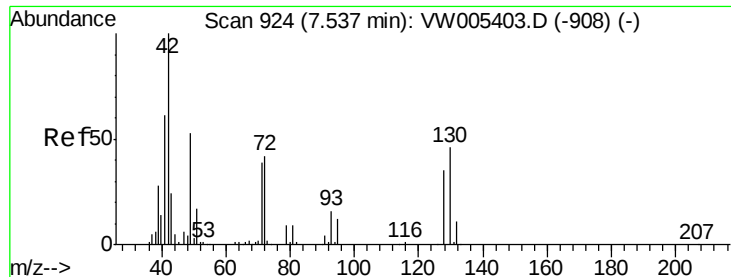
Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	49	Resp:	72097
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.0
130	77.8	61.4	92.2





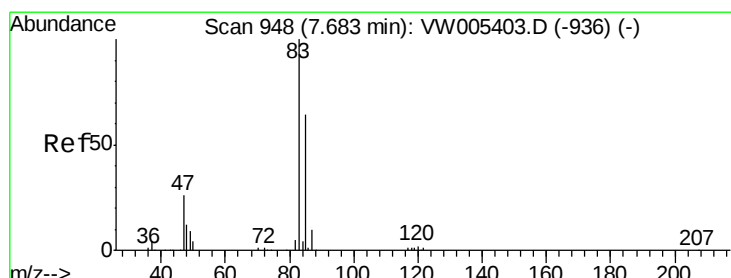
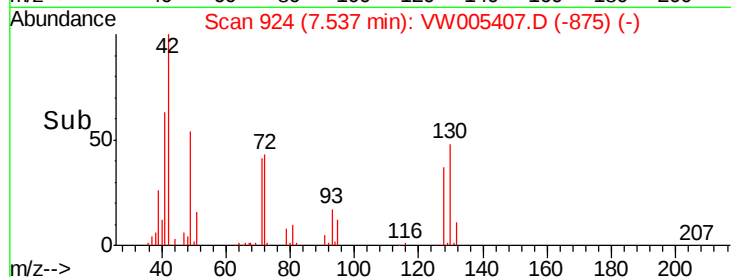
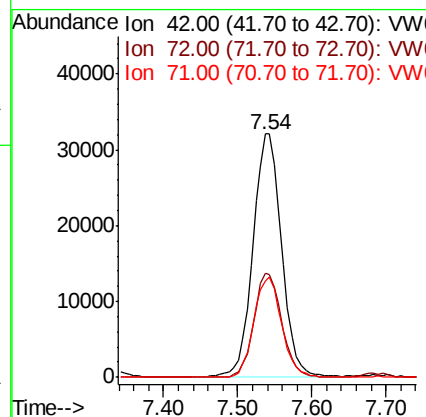
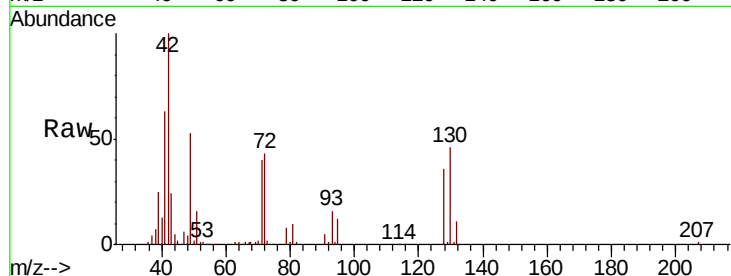
#29
Tetrahydrofuran
Concen: 237.50 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.2	49.8
71	40.0	31.0	46.6

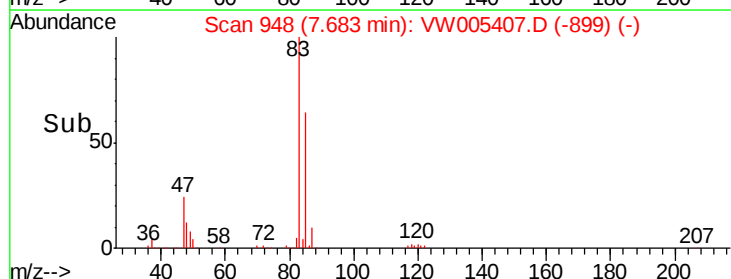
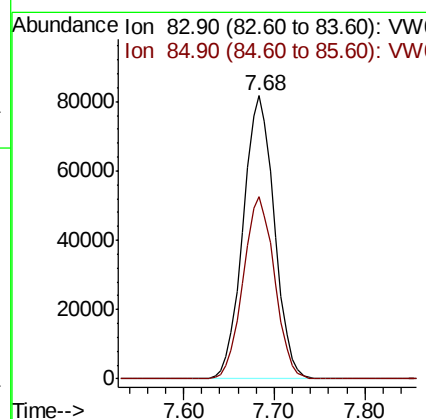
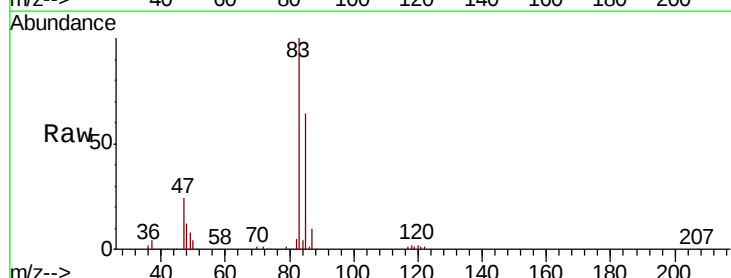
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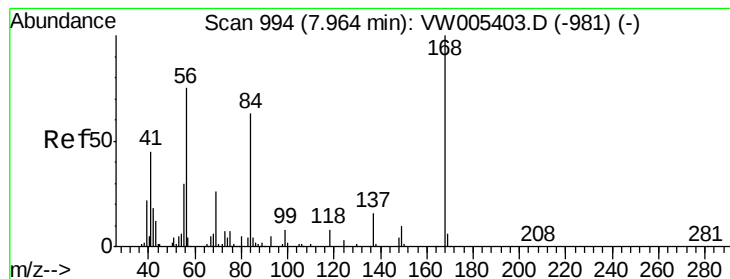
apatel
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#30
Chloroform
Concen: 47.65 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





#31

Cyclohexane

Concen: 48.26 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

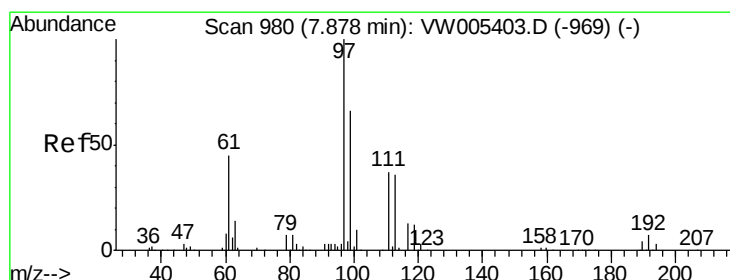
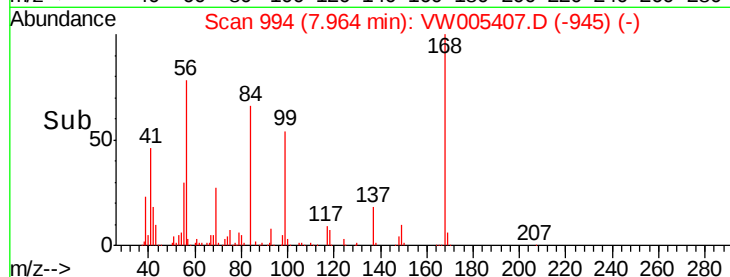
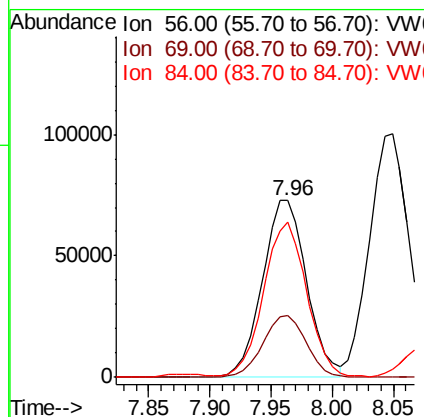
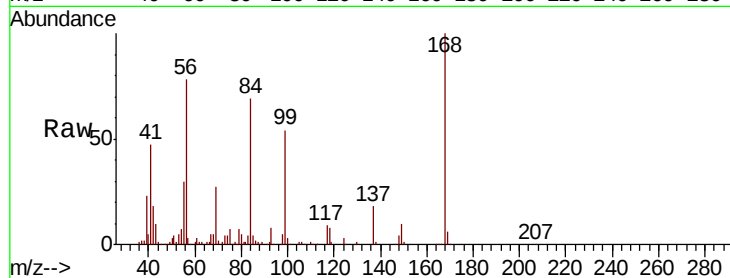
ICVW091618

Tot Ion:	56	Resp:	183550
Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.2	40.8
84	85.8	66.7	100.1

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#32

1,1,1-Trichloroethane

Concen: 50.10 ug/l

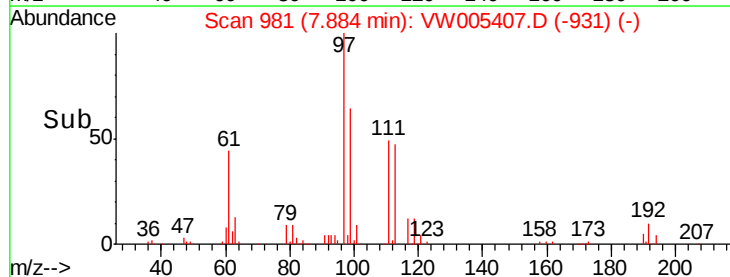
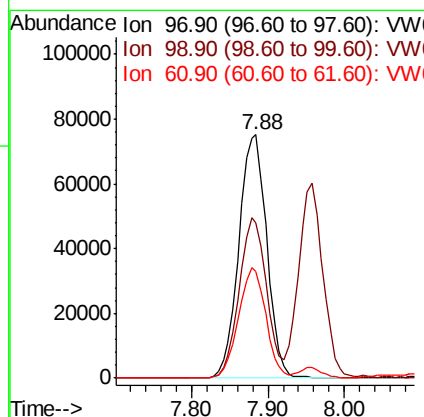
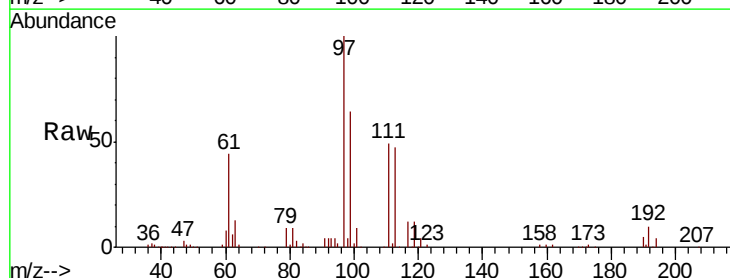
RT: 7.88 min Scan# 981

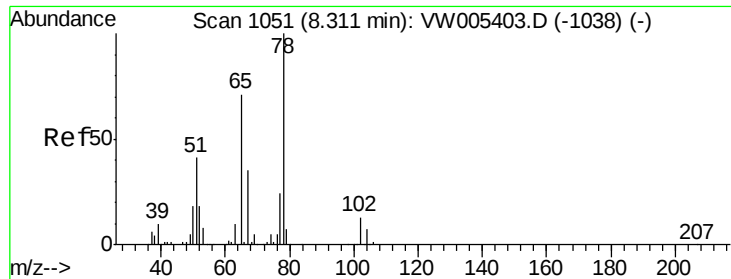
Delta R.T. 0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	97	Resp:	190207
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.5	77.3
61	44.3	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 47.21 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 65 Resp: 112493

Ion Ratio Lower Upper

65 100

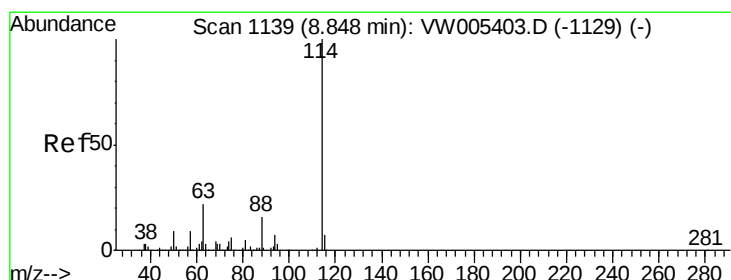
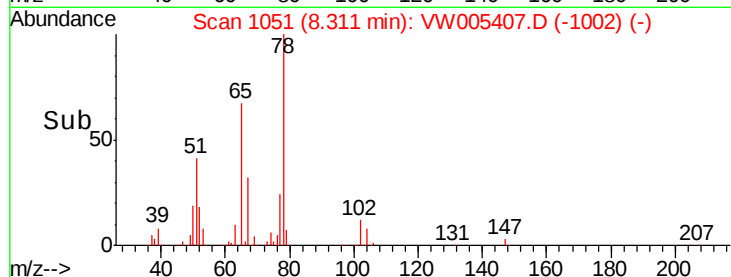
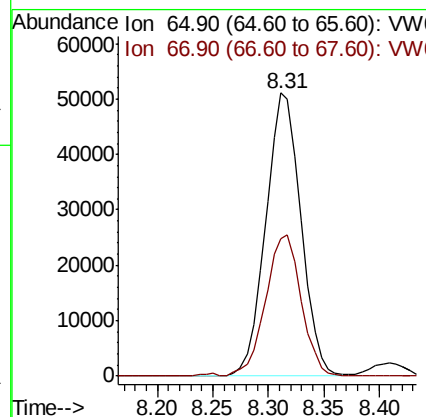
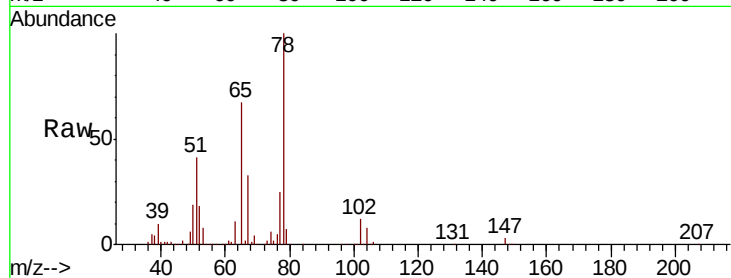
67 50.7 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

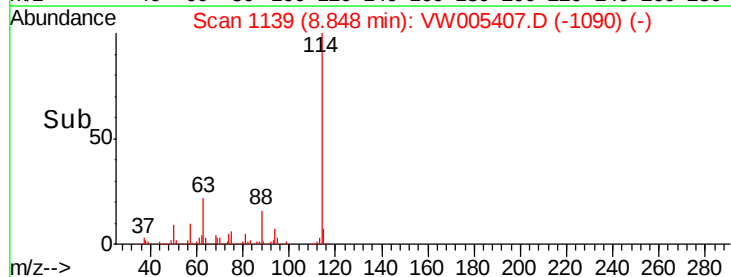
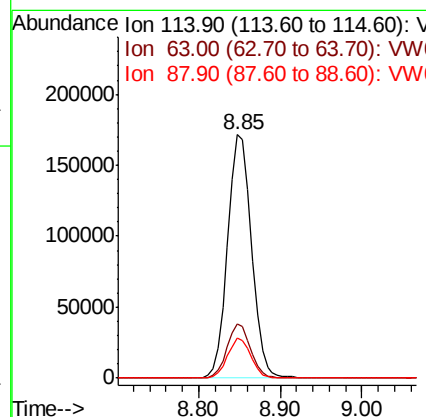
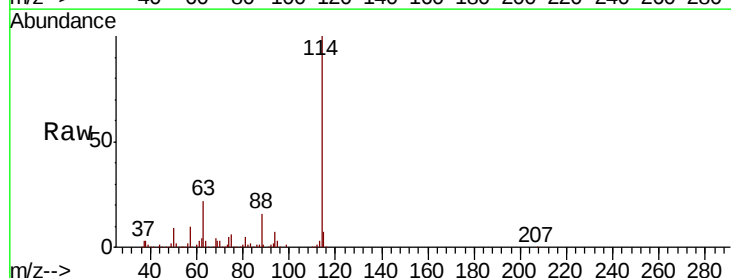
Tgt Ion: 114 Resp: 347470

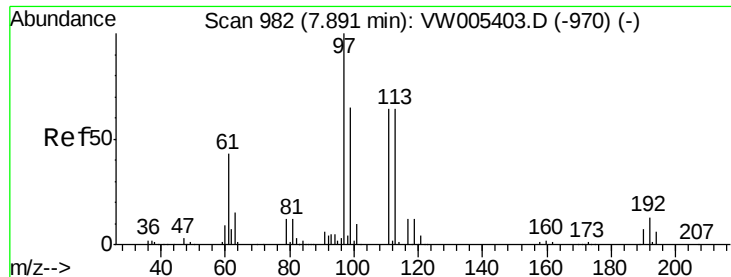
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.5 0.0 31.8





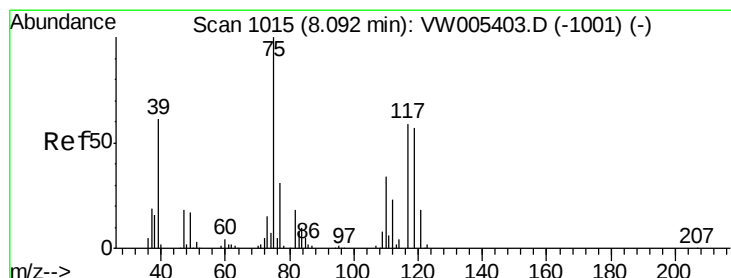
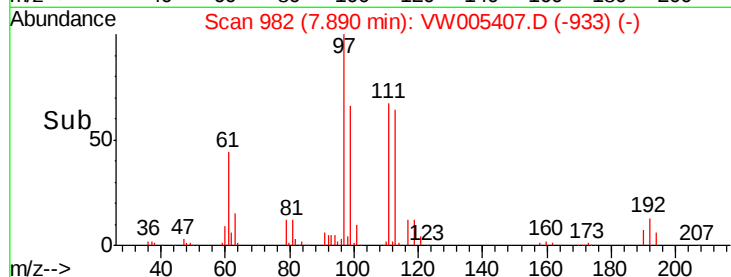
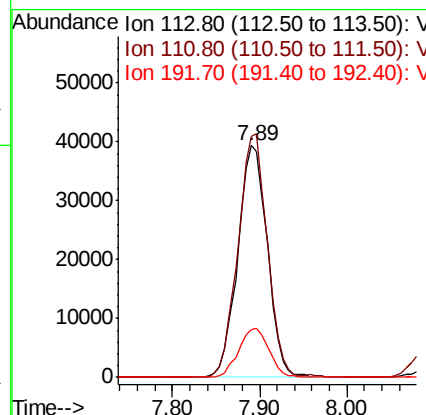
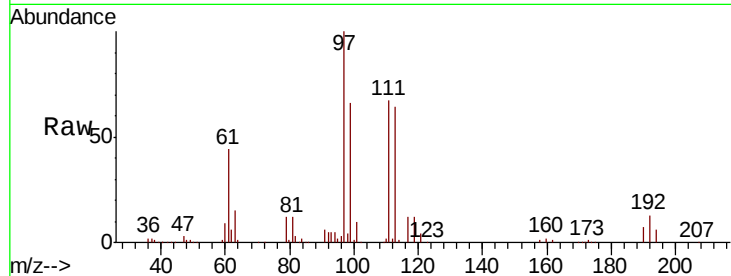
#35
 Dibromofluoromethane
 Concen: 47.58 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.3	123.5
192	21.7	16.5	24.7

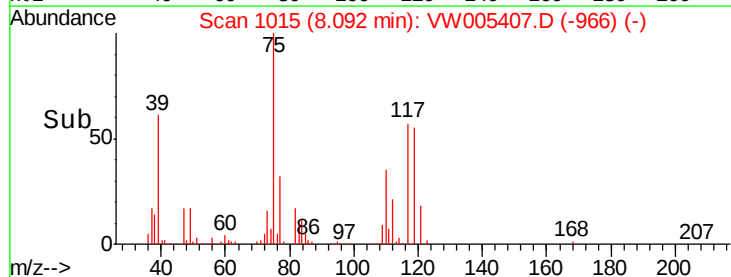
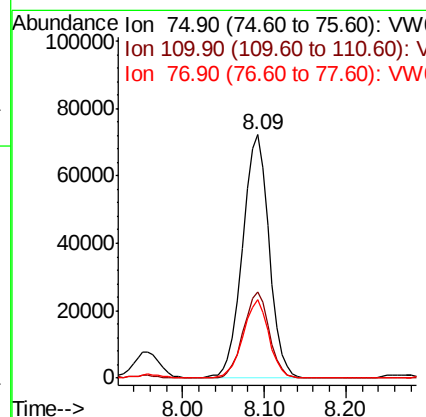
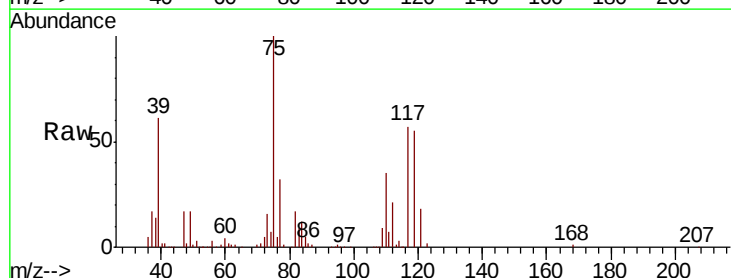
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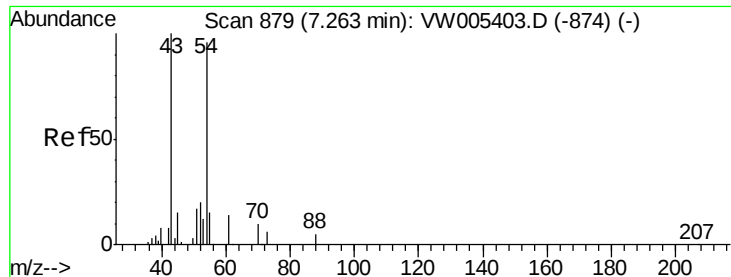
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#36
 1,1-Dichloropropene
 Concen: 49.60 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.8	50.4
77	31.1	24.2	36.4





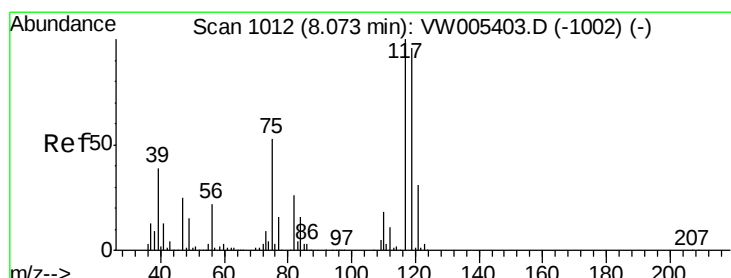
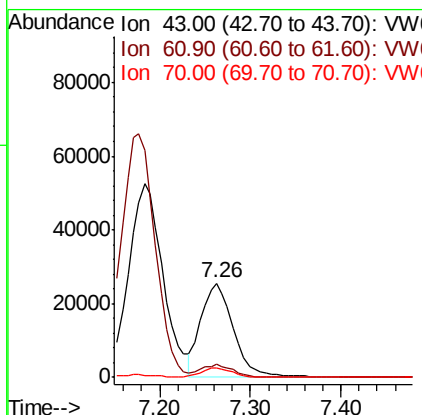
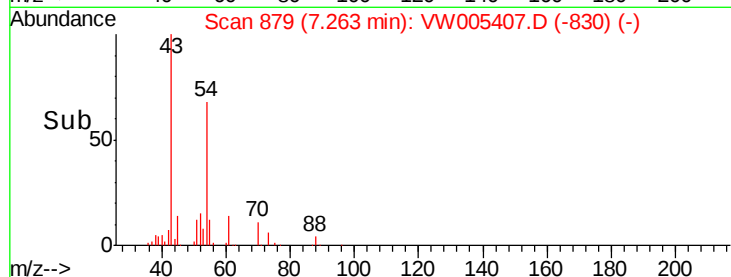
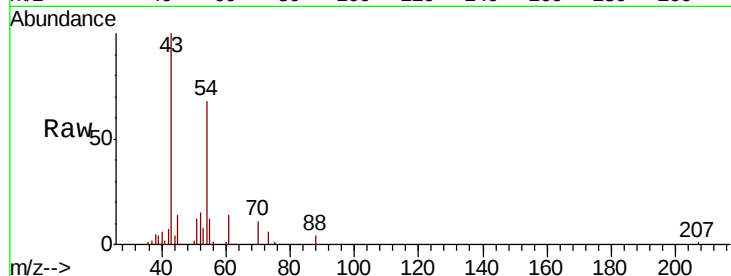
#37
Ethyl Acetate
Concen: 47.31 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	10.2	8.2	12.4

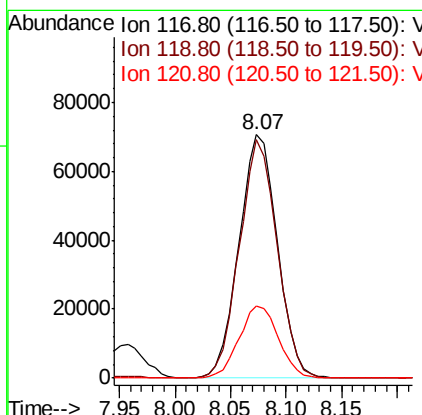
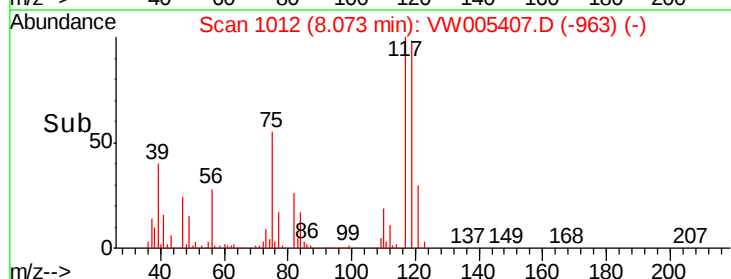
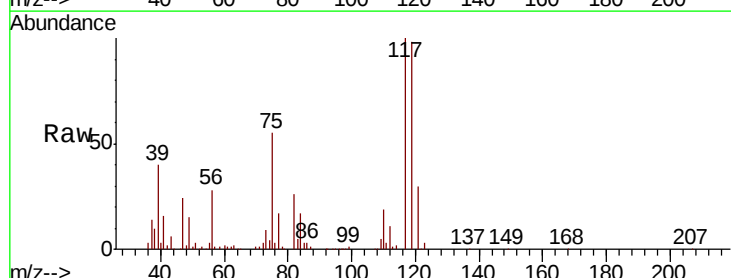
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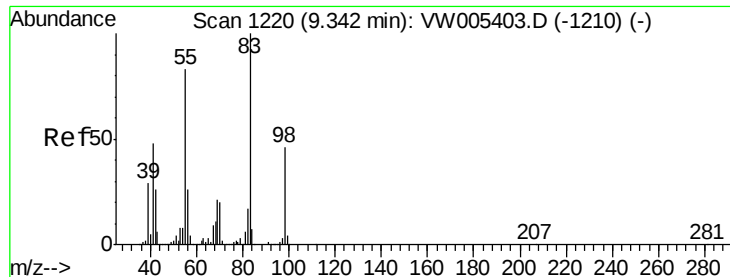
apatel
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#38
Carbon Tetrachloride
Concen: 49.32 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.8	115.2
121	29.7	24.7	37.1





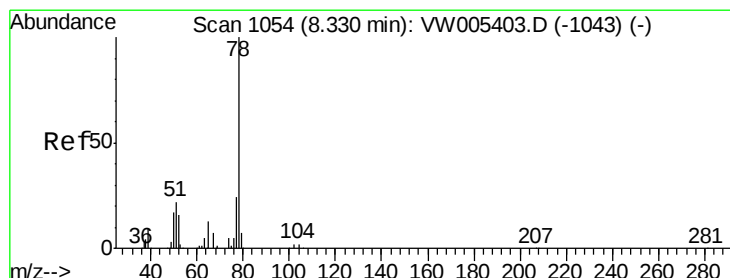
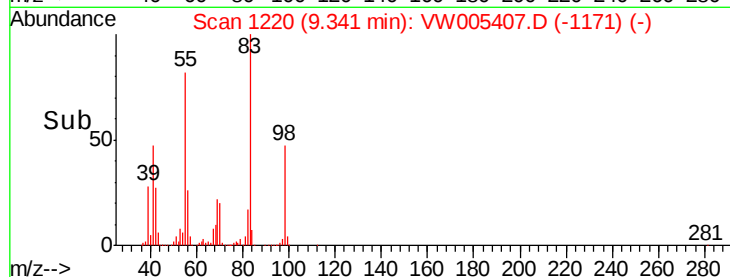
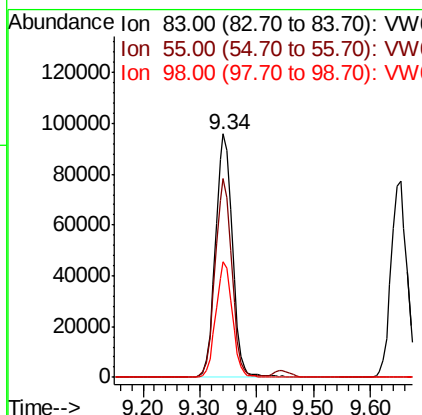
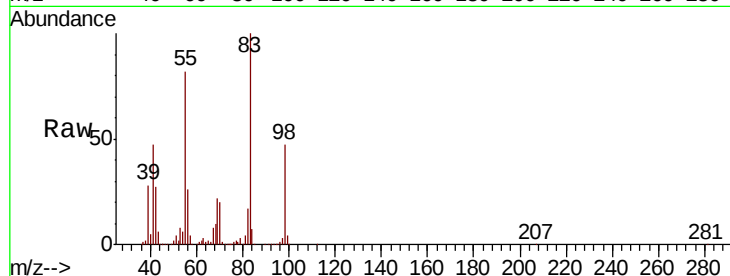
#39
Methylvlcyclohexane
Concen: 51.97 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	83	Resp	198580
Ion Ratio	Lower	Upper	
83	100		
55	81.6	66.1	99.1
98	47.3	36.7	55.1

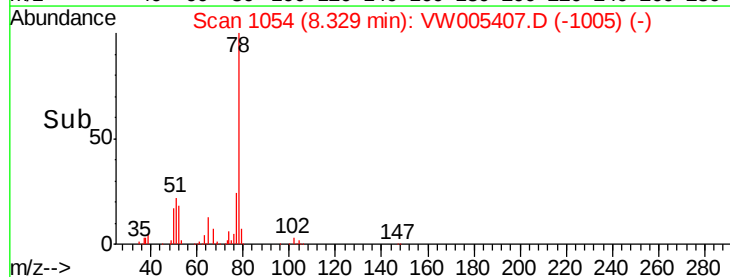
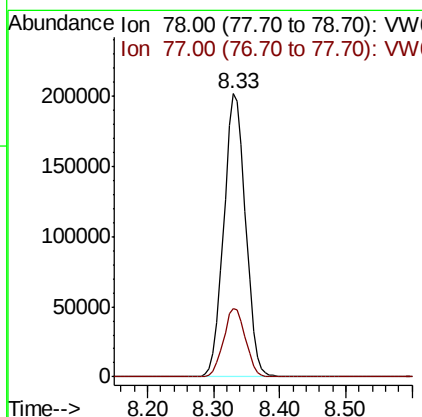
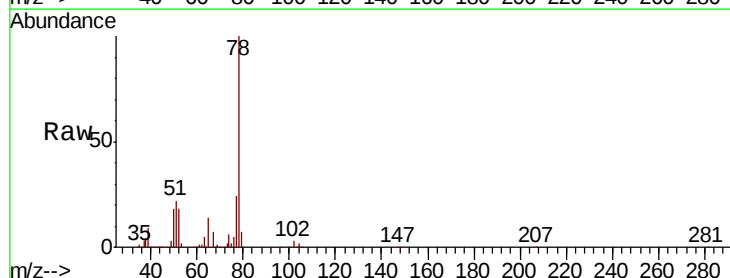
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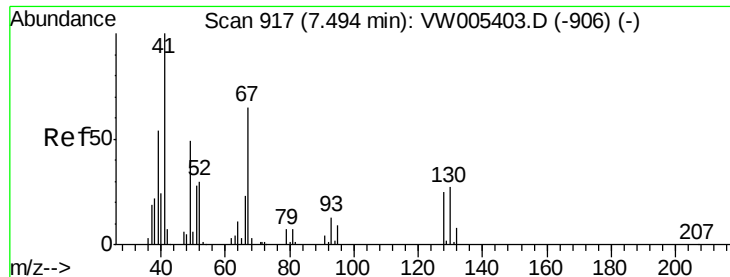
apatel
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#40
Benzene
Concen: 48.31 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	78	Resp	460175
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.3	28.9





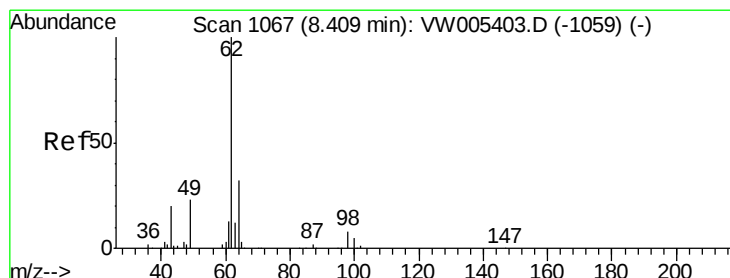
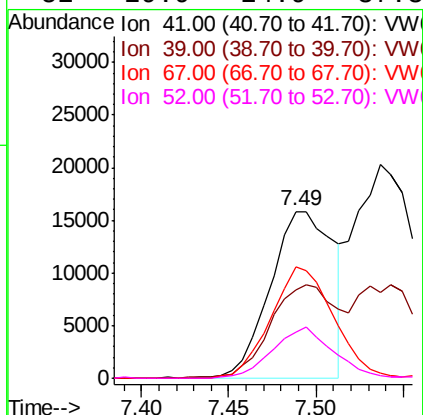
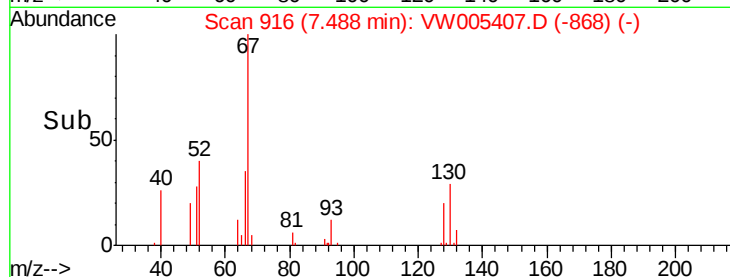
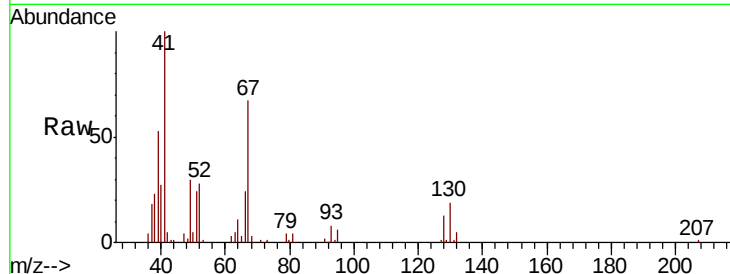
#41
Methacrylonitrile
Concen: 49.48 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		39920		
39	61.6	44.6	67.0		
67	66.8	53.6	80.4		
52	29.9	24.9	37.3		

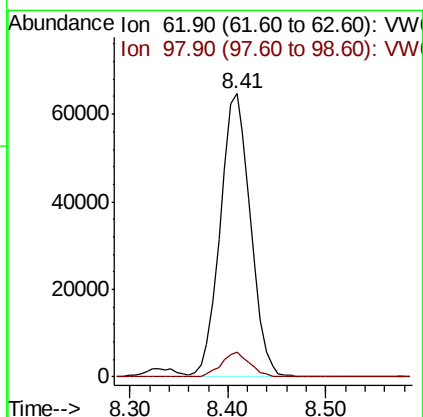
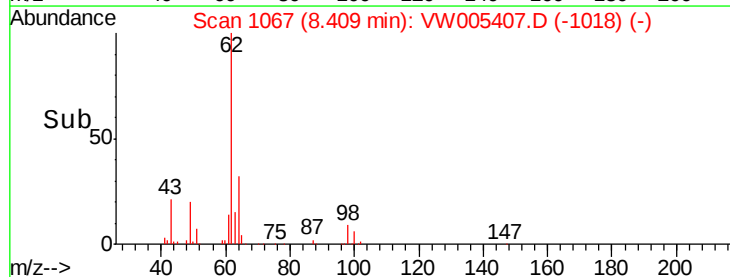
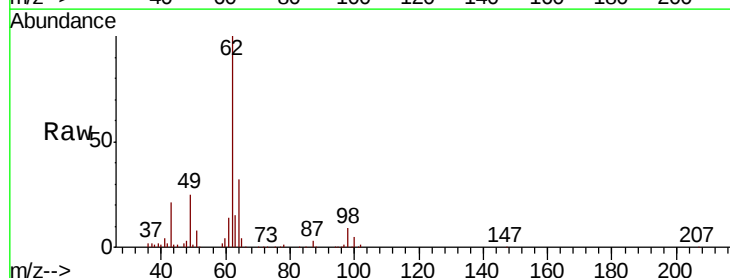
Manual Integrations
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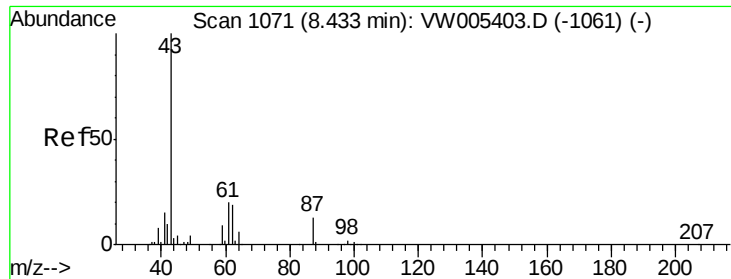
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#42
1,2-Dichloroethane
Concen: 46.40 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		138348		
98	8.3	0.0	15.6		





#43

Isopropyl Acetate

Concen: 49.60 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

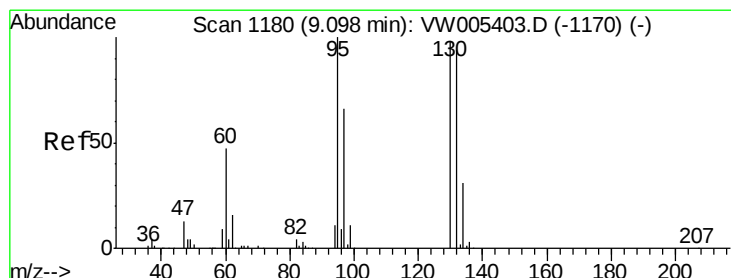
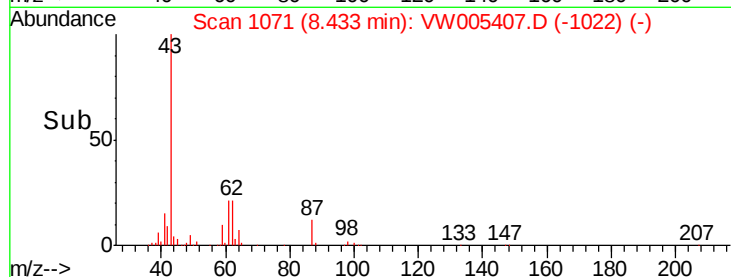
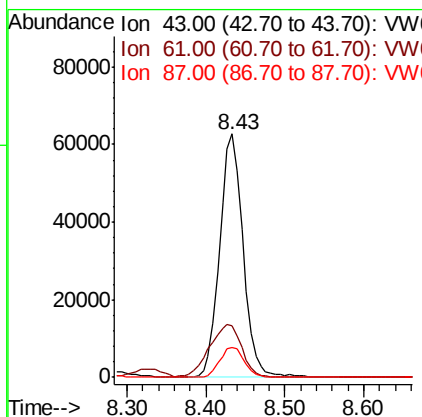
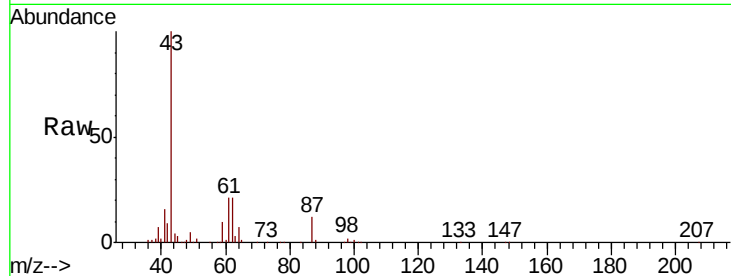
ClientSampleId :

ICVW091618

Tot Ion:	43	Resp:	129451
Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.8	35.6
87	12.8	10.1	15.1

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#44

Trichloroethene

Concen: 48.72 ug/l

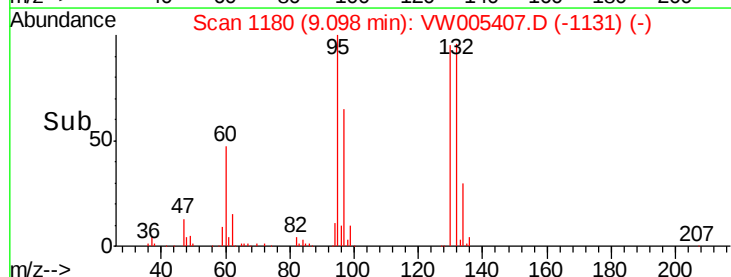
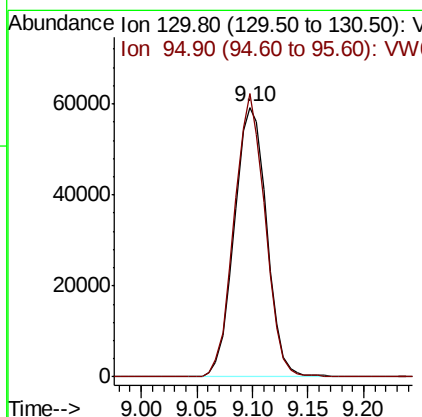
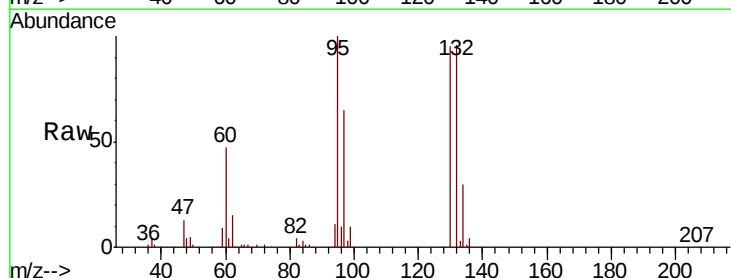
RT: 9.10 min Scan# 1180

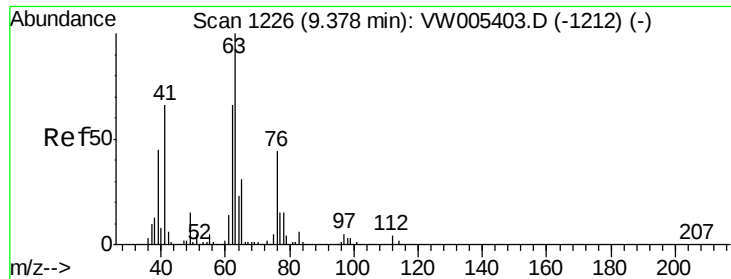
Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	130	Resp:	119447
Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	204.6





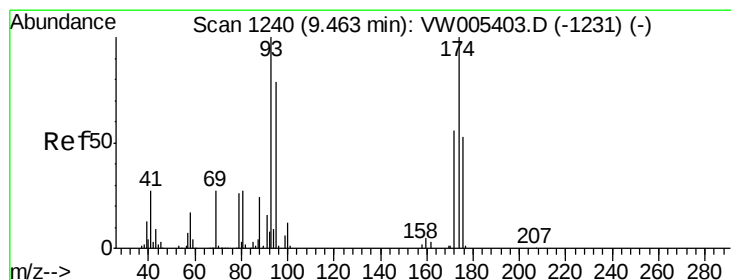
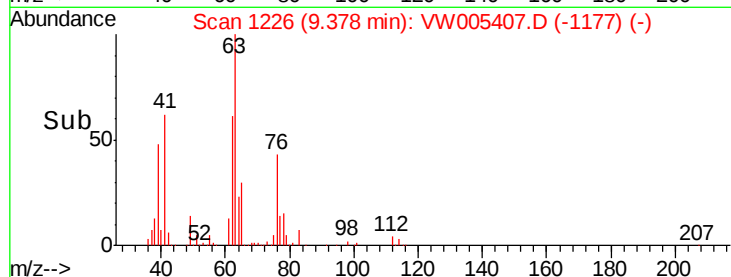
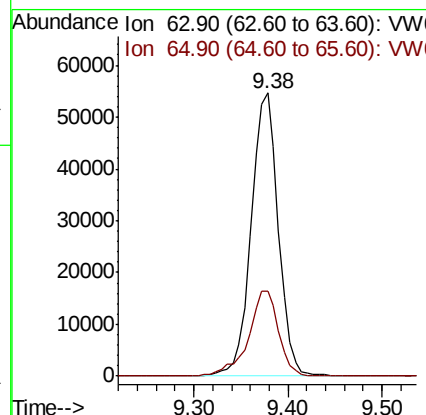
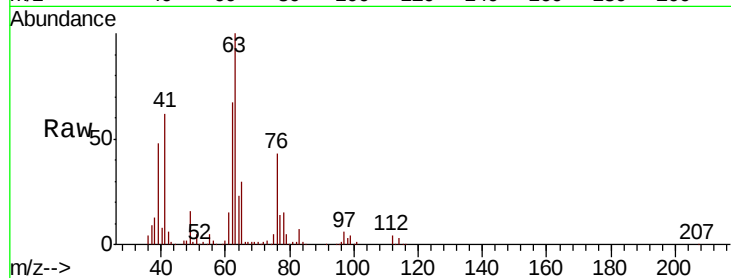
#45
 1,2-Dichloropropane
 Concen: 48.39 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.0	37.6

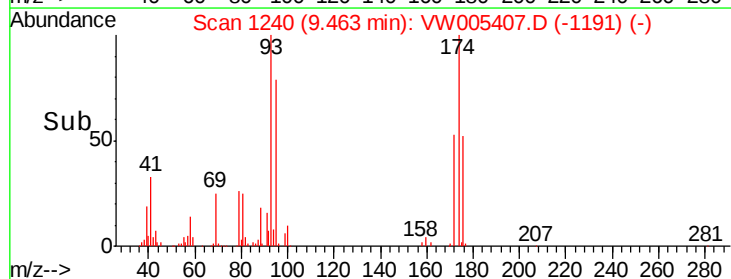
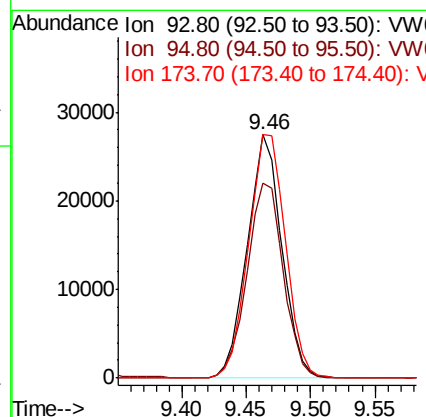
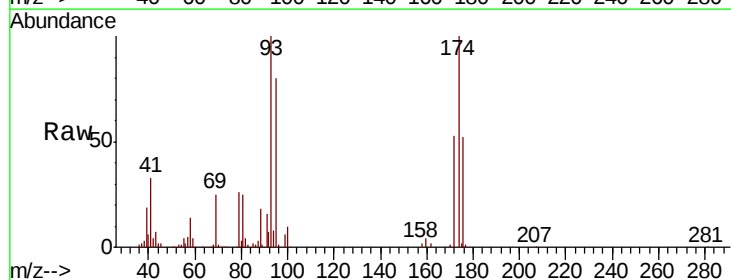
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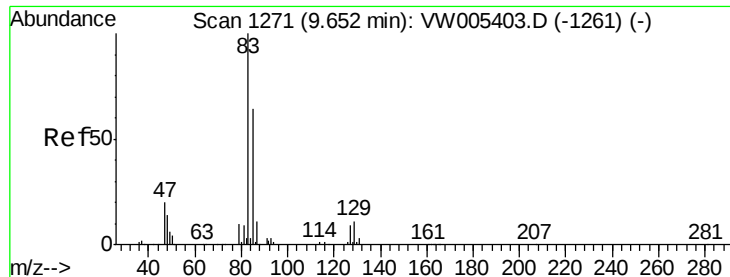
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#46
 Dibromomethane
 Concen: 45.30 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.4	98.0
174	106.8	83.4	125.2





#47

Bromodichloromethane

Concen: 48.72 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

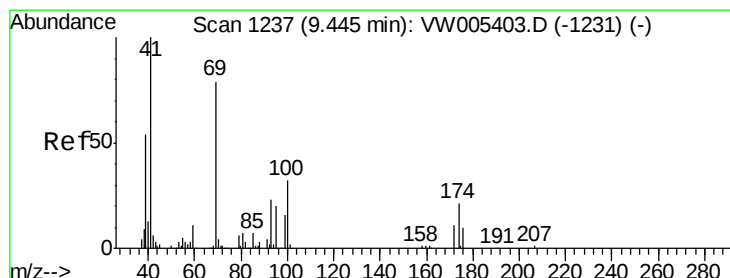
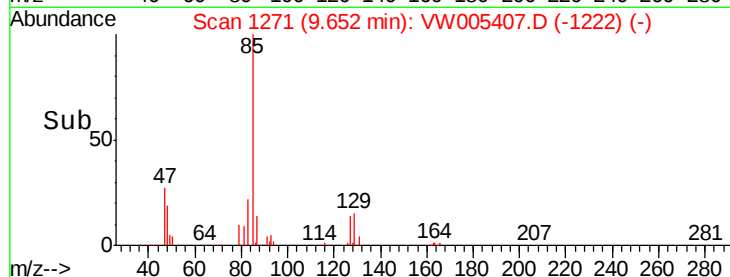
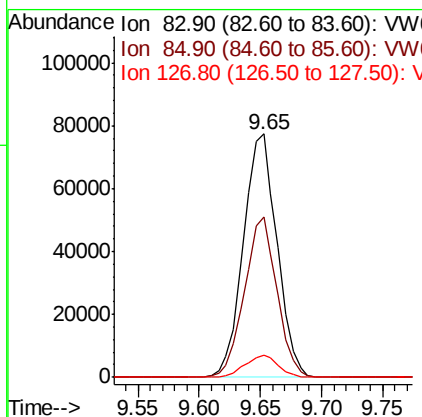
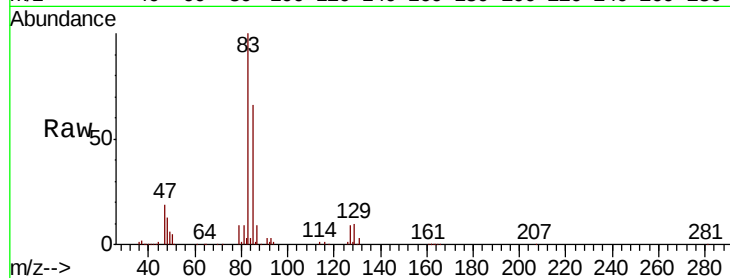
ClientSampleId :

ICVW091618

Tot Ion:	83	Resp:	147779
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.21 ug/l

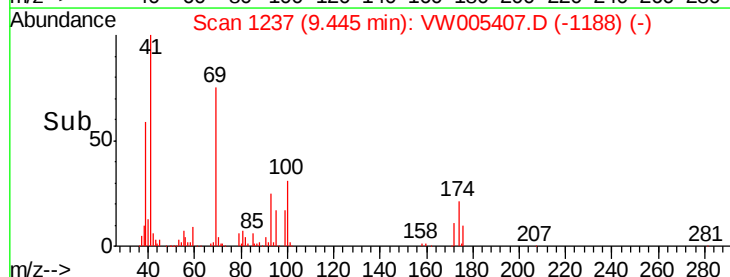
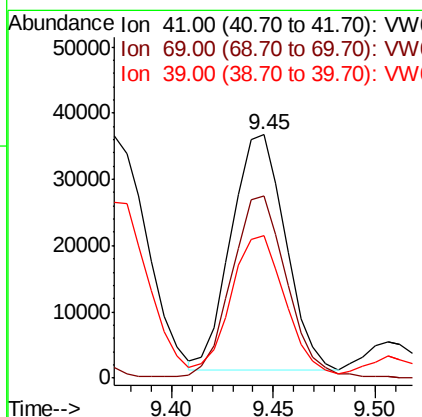
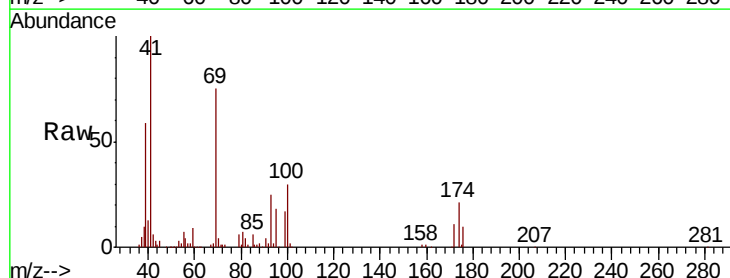
RT: 9.45 min Scan# 1237

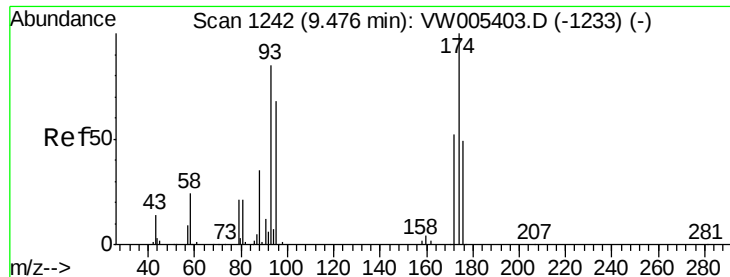
Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	41	Resp:	65398
Ion	Ratio	Lower	Upper
41	100		
69	80.0	67.5	101.3
39	57.5	45.5	68.3





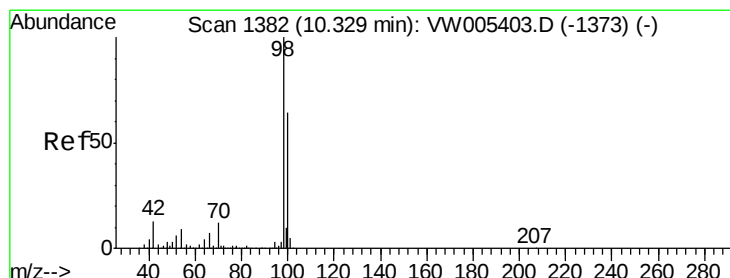
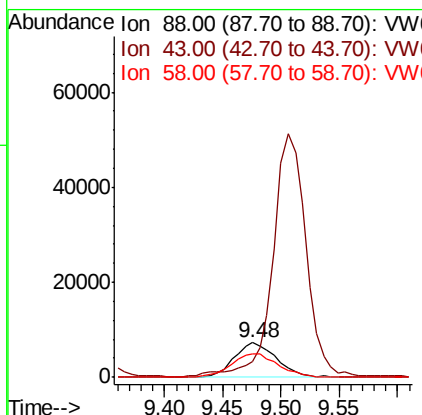
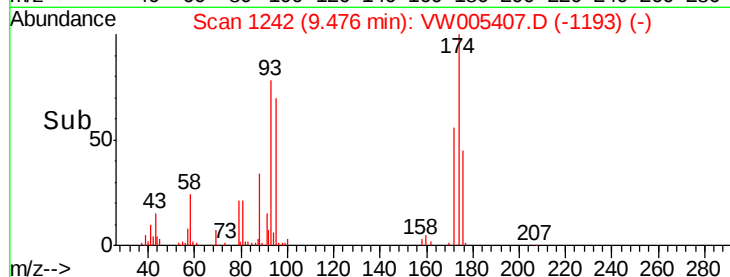
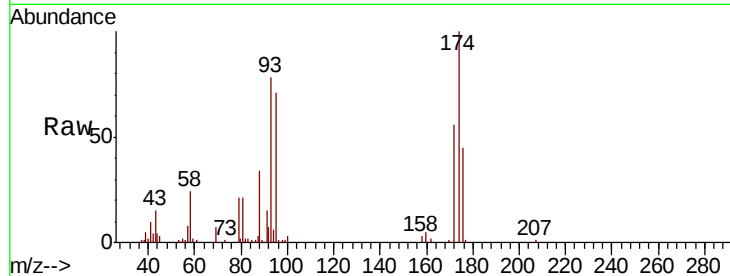
#49
1,4-Dioxane
Concen: 989.86 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	88	Resp	18471
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.9	62.4	93.6

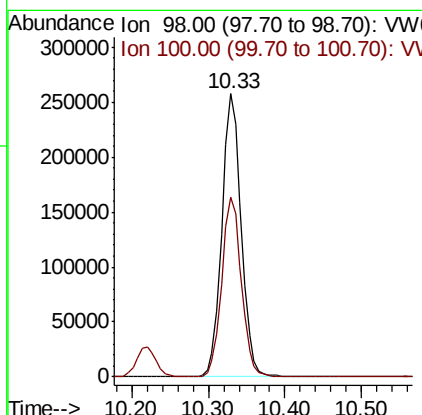
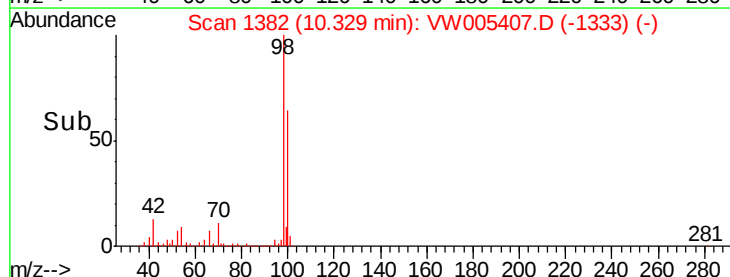
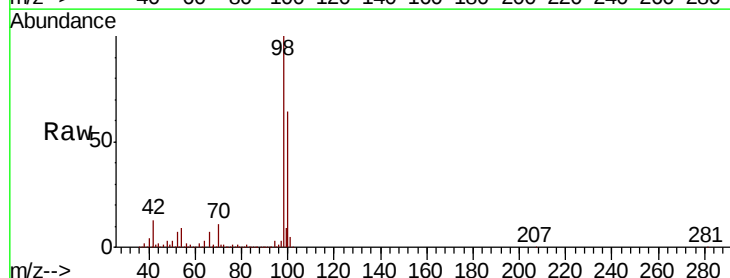
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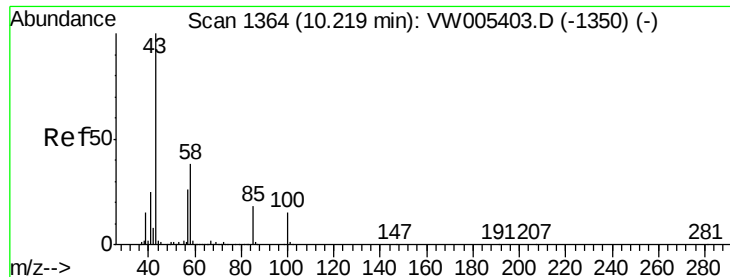
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#50
Toluene-d8
Concen: 50.32 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	98	Resp	448910
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 257.33 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampled :

ICVW091618

Tot Ion: 43 Resp: 345723

Ion Ratio Lower Upper

43 100

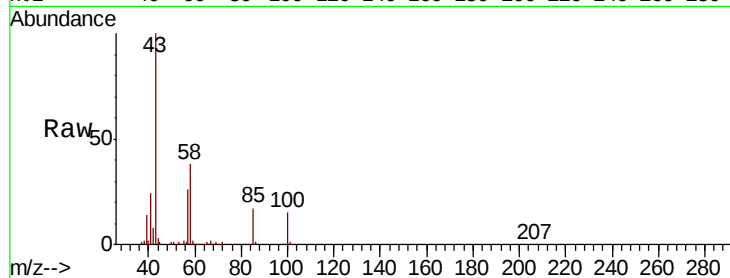
58 37.6 29.9 44.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

200000

150000

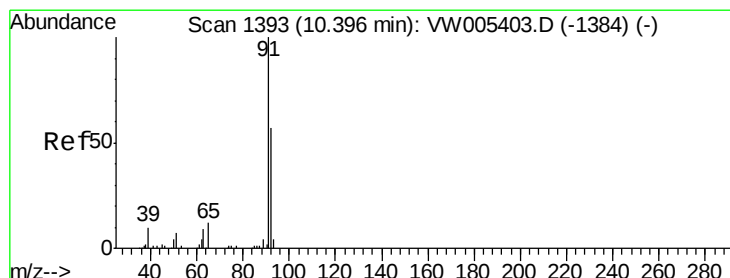
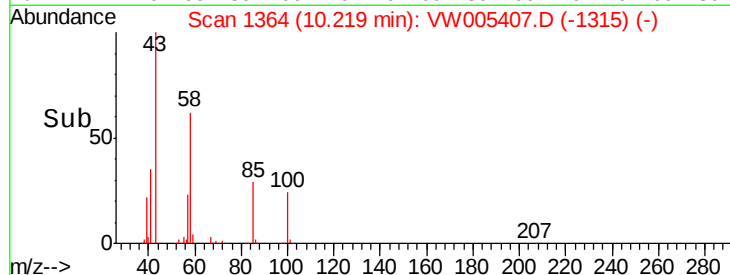
100000

50000

0

10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 50.75 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005407.D

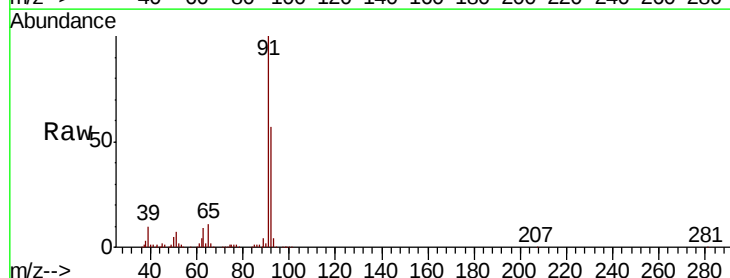
Acq: 15 Sep 2018 02:13

Tgt Ion: 92 Resp: 327420

Ion Ratio Lower Upper

92 100

91 172.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

300000

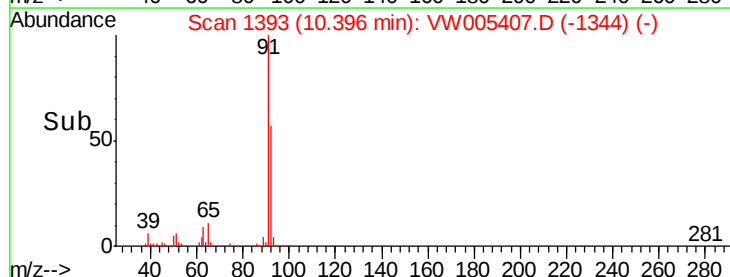
200000

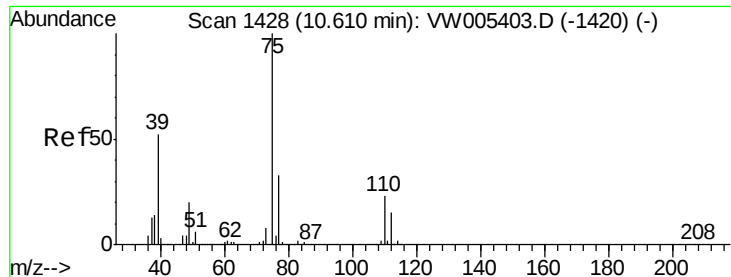
100000

0

10.30 10.40 10.50

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.44 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 75 Resp: 153110

Ion Ratio Lower Upper

75 100

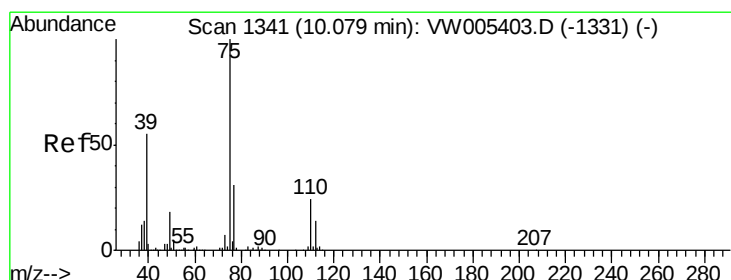
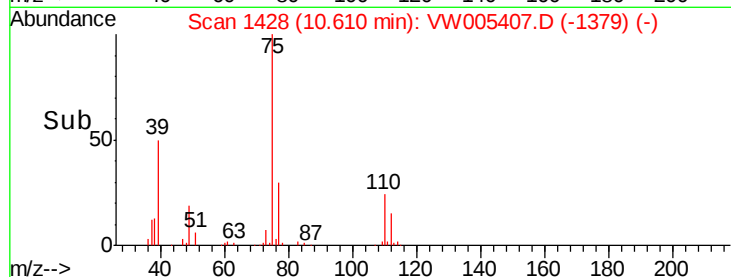
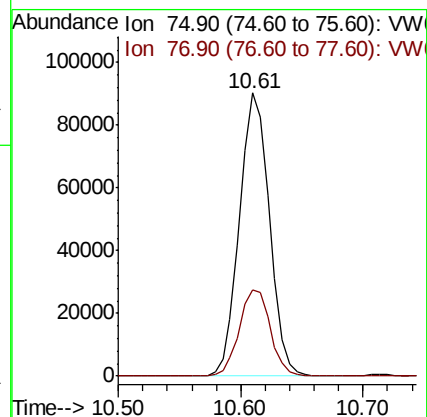
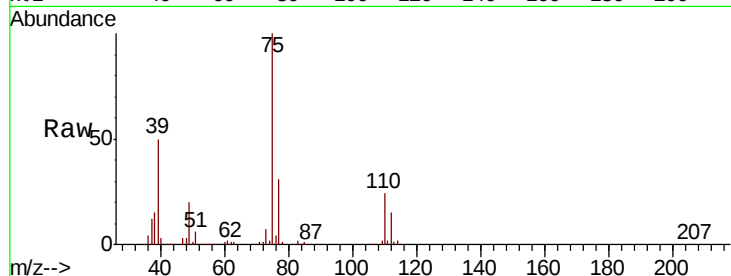
77 30.4 26.5 39.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.62 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

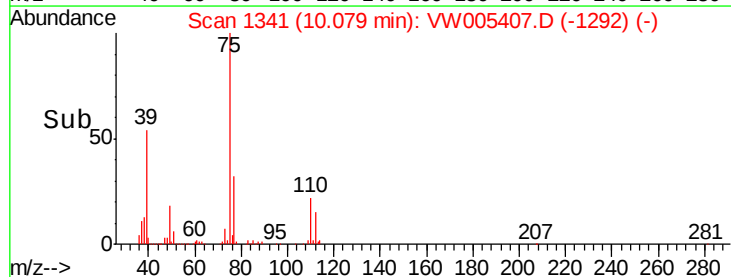
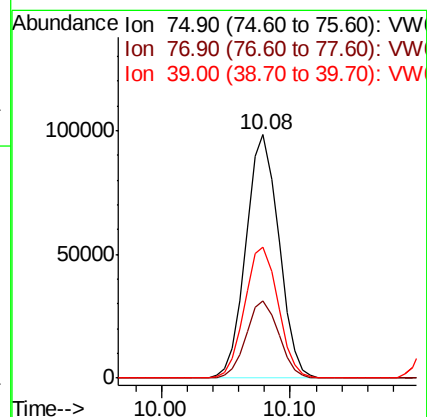
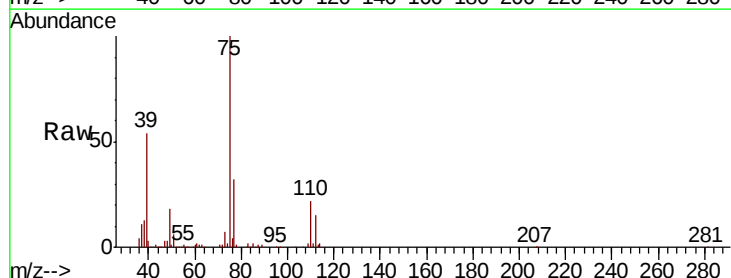
Tgt Ion: 75 Resp: 174008

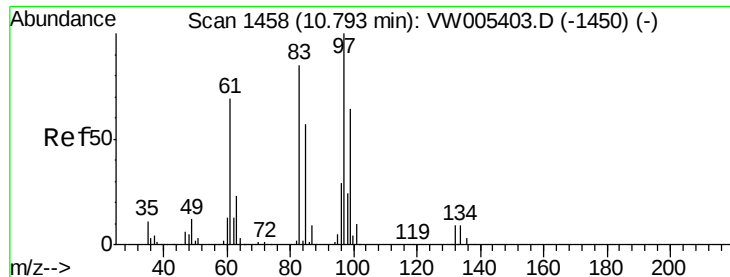
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 53.7 44.2 66.2





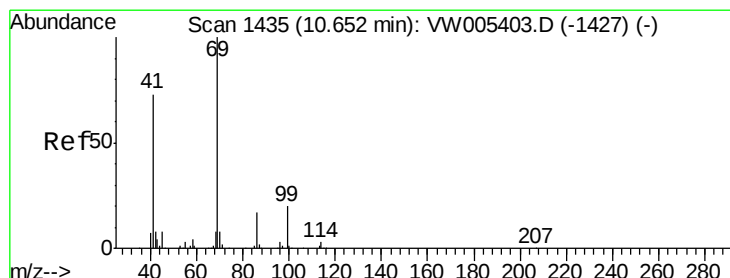
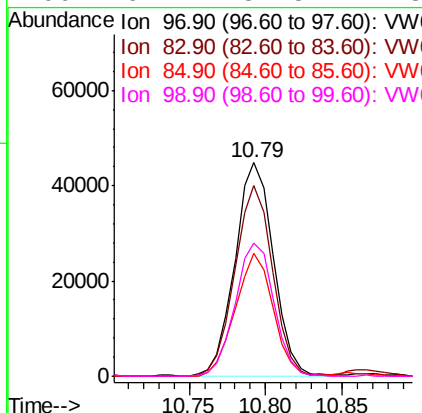
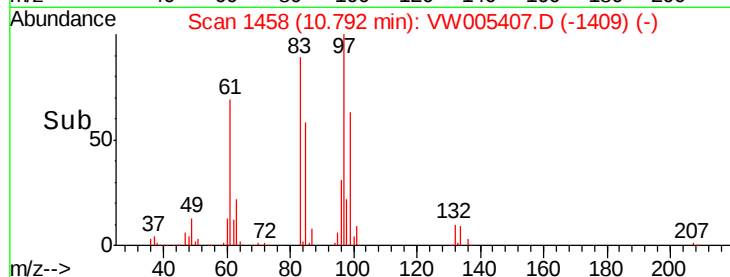
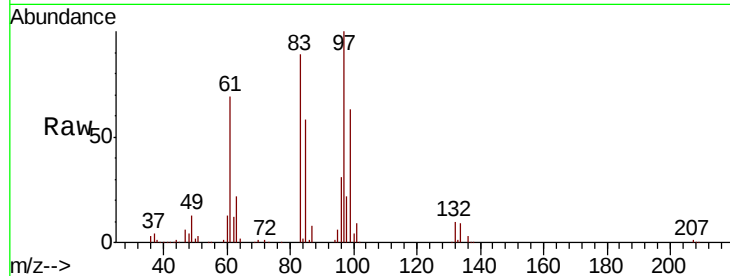
#55
 1,1,2-Trichloroethane
 Concen: 46.74 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.8	101.8
85	57.5	45.4	68.0
99	62.7	51.5	77.3

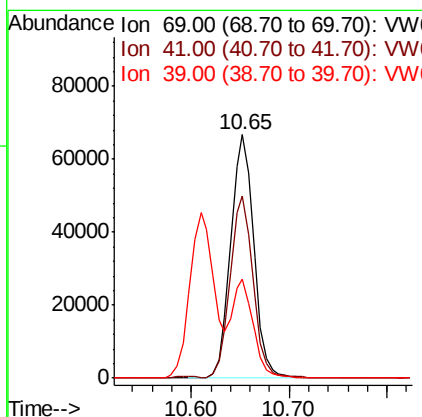
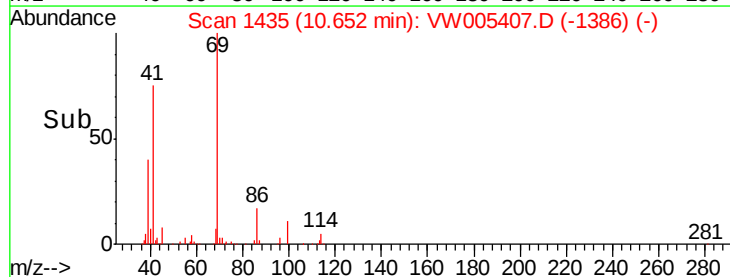
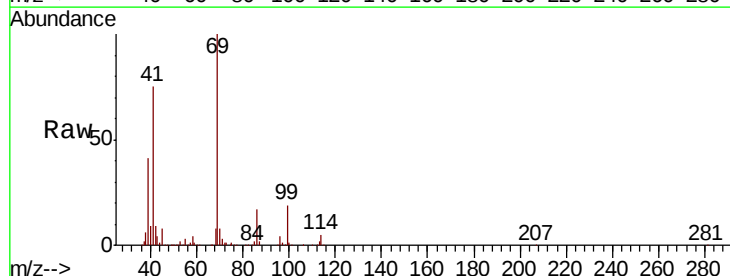
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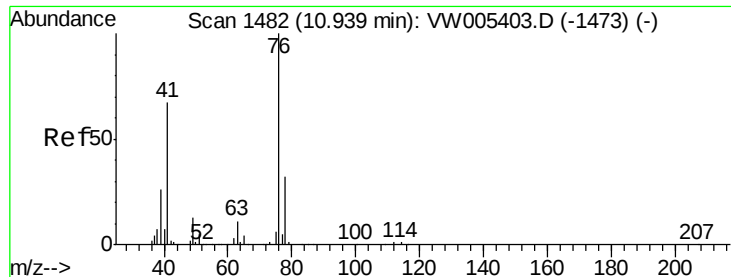
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#56
 Ethyl methacrylate
 Concen: 52.02 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	59.3	88.9
39	37.3	30.2	45.4





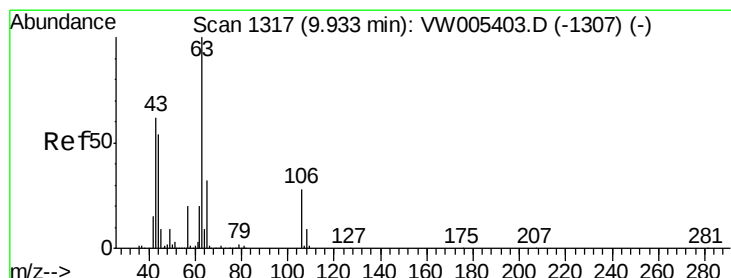
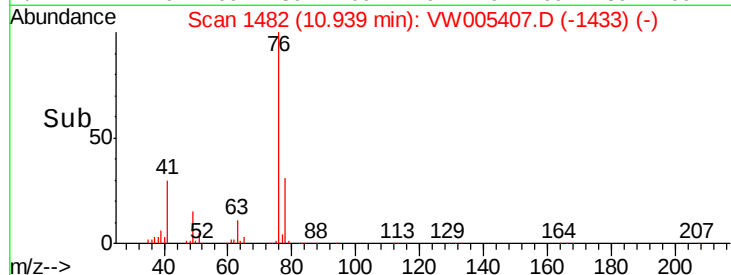
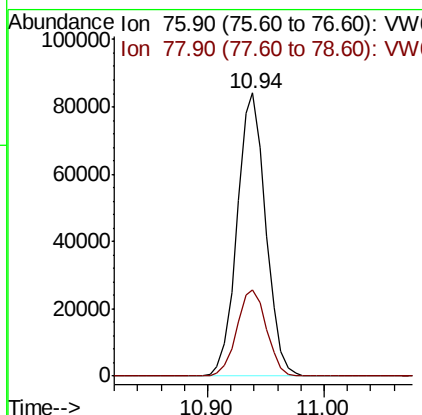
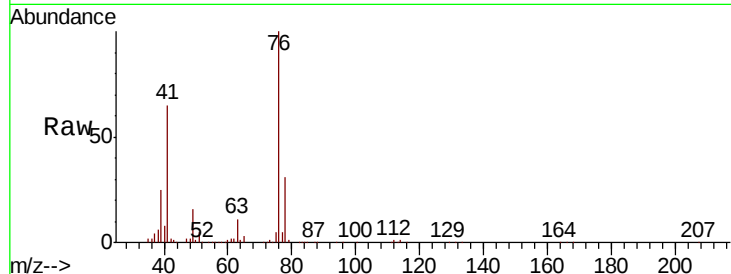
#57
 1,3-Dichloropropane
 Concen: 50.07 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.6	38.4

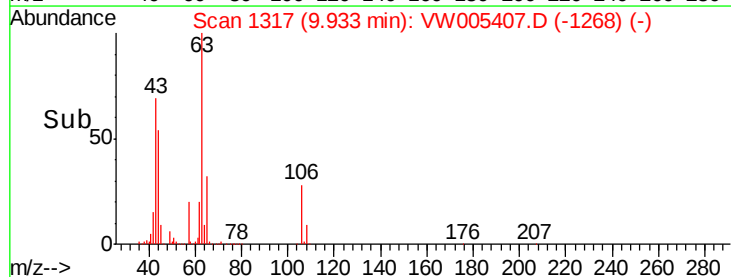
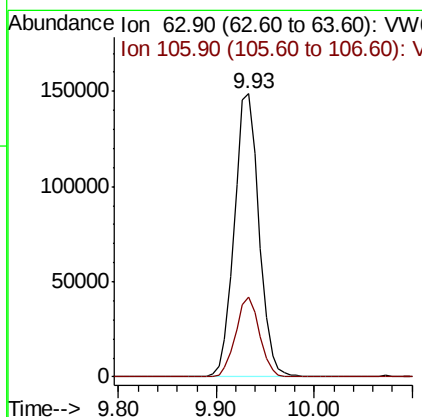
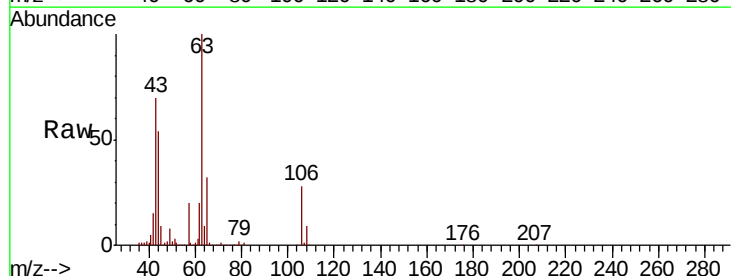
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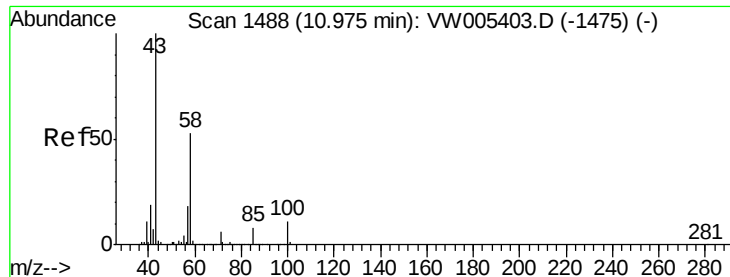
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#58
 2-Chloroethyl Vinyl ether
 Concen: 273.45 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.0	33.0





#59

2-Hexanone

Concen: 260.51 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 43 Resp: 238402

Ion Ratio Lower Upper

43 100

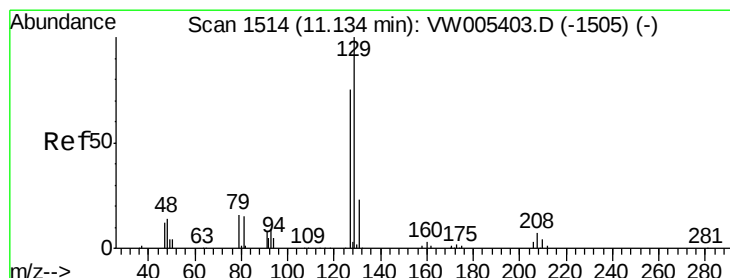
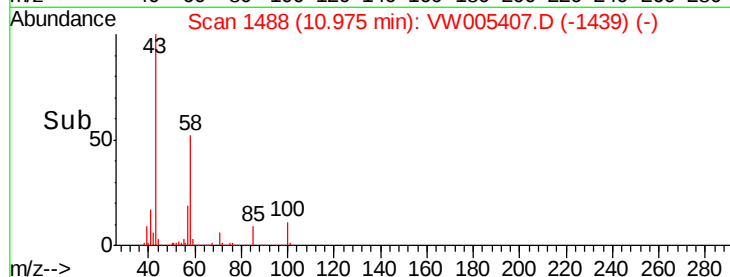
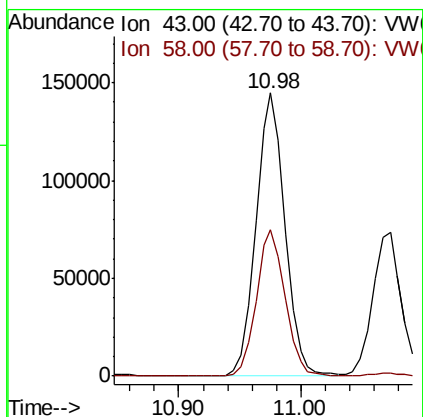
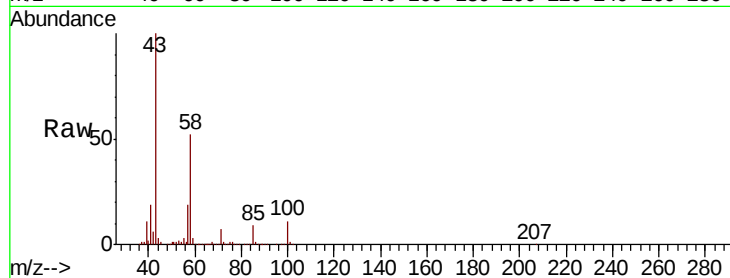
58 51.5 25.5 76.5

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#60

Dibromochloromethane

Concen: 48.80 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005407.D

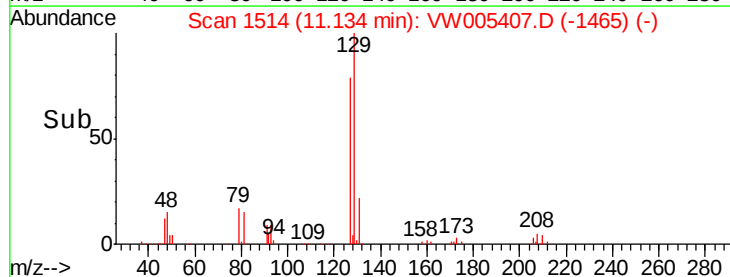
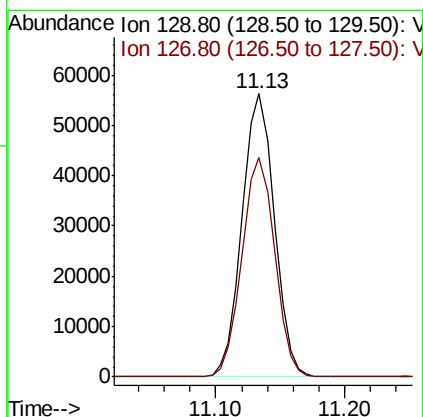
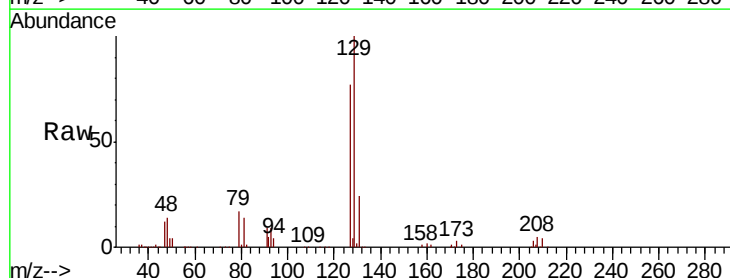
Acq: 15 Sep 2018 02:13

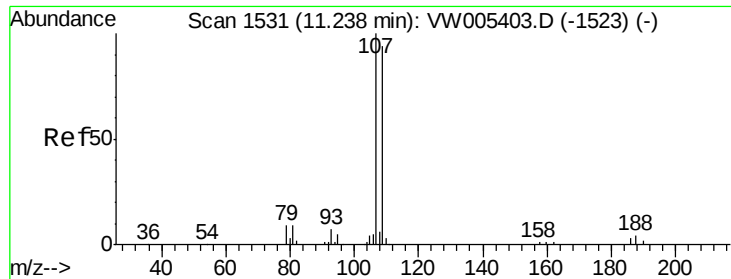
Tgt Ion: 129 Resp: 97707

Ion Ratio Lower Upper

129 100

127 78.6 38.5 115.3





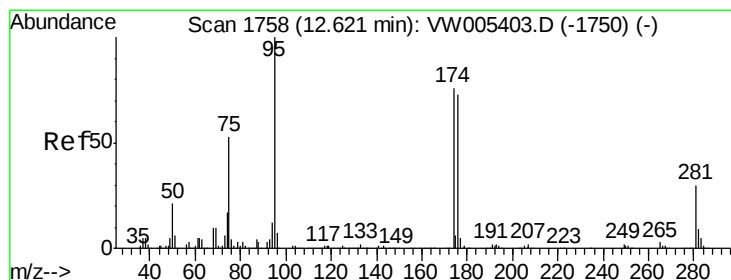
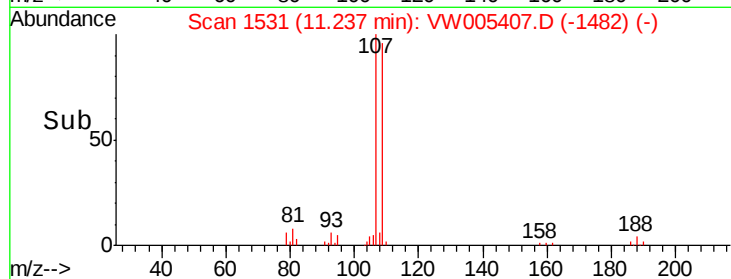
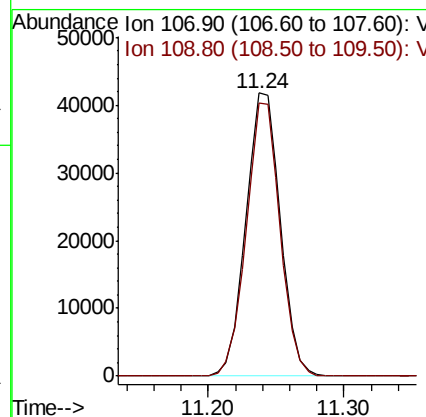
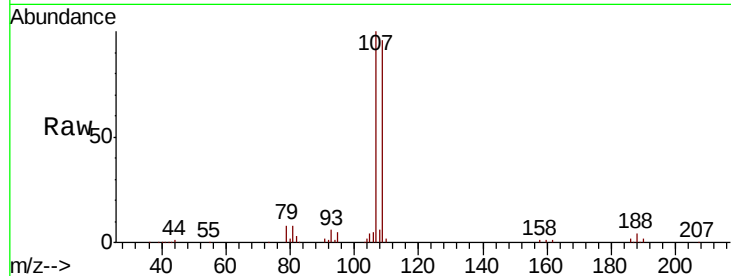
#61
 1,2-Dibromoethane
 Concen: 49.56 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.0	112.6

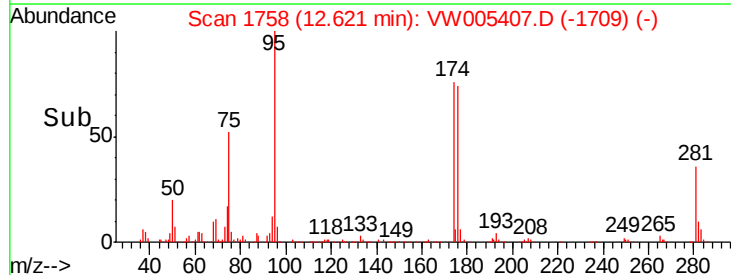
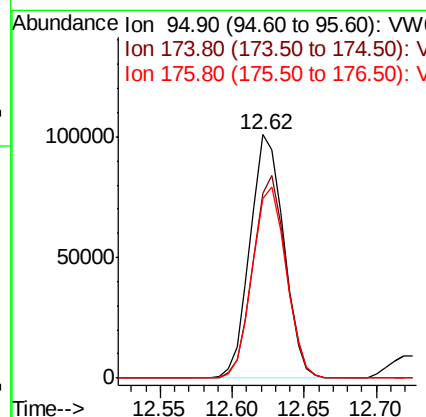
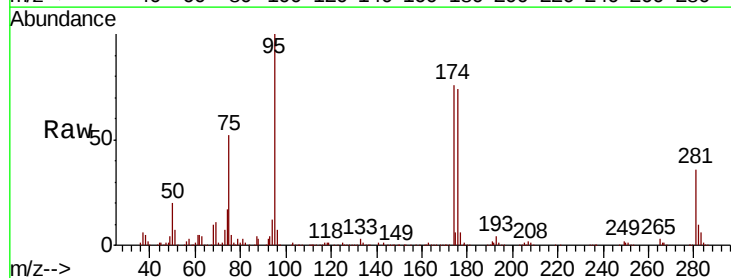
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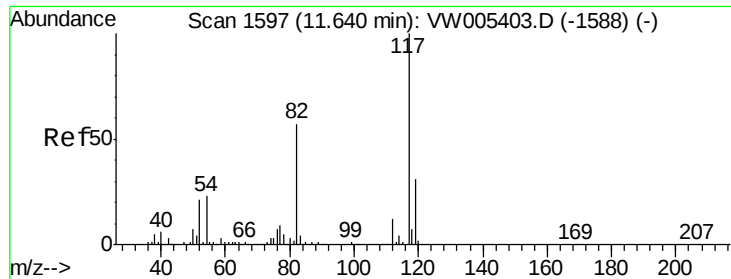
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.85 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	161.2
176	79.2	0.0	156.6





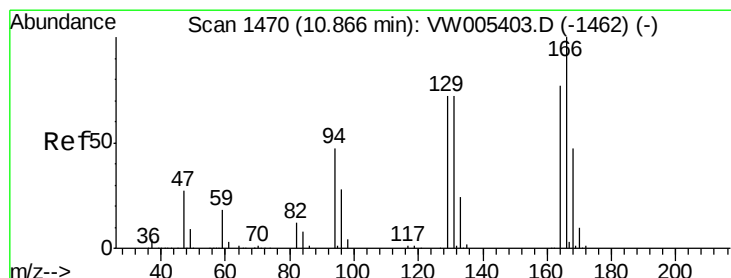
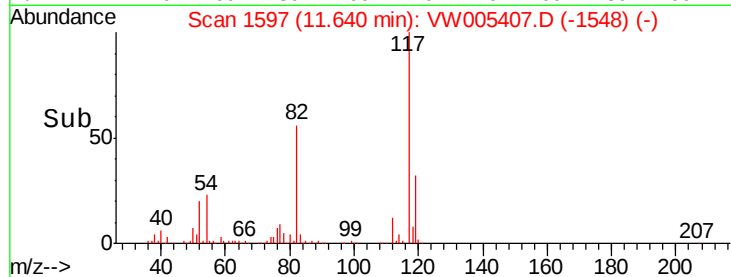
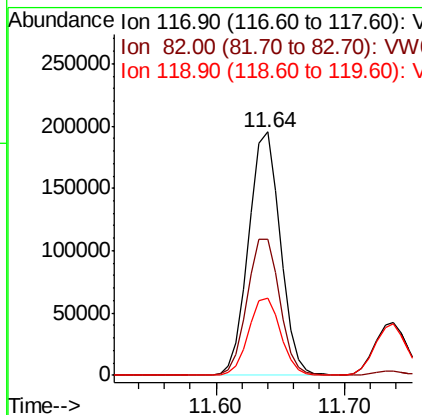
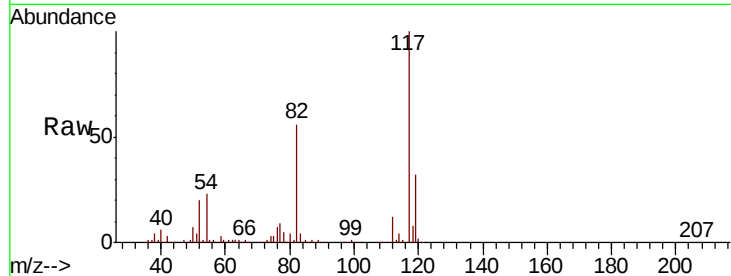
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampled :
ICVW091618

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	31.9	24.8	37.2

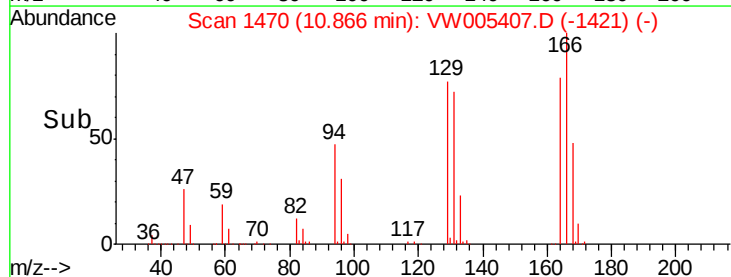
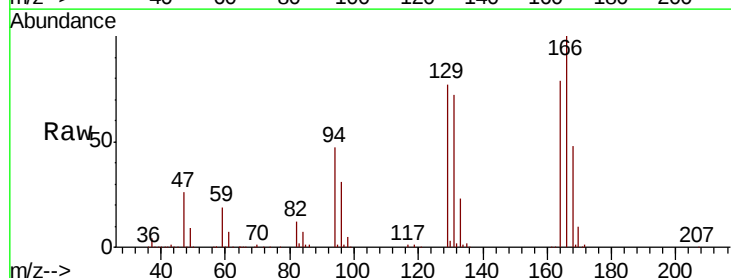
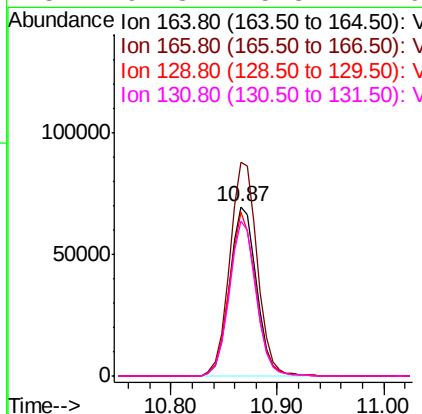
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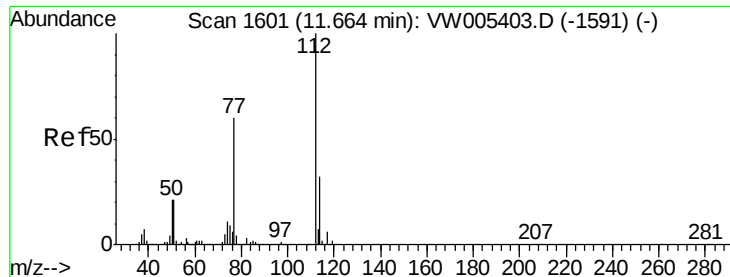
apatel
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#64
Tetrachloroethene
Concen: 50.52 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	104.0	156.0
129	97.0	74.9	112.3
131	91.3	75.3	112.9





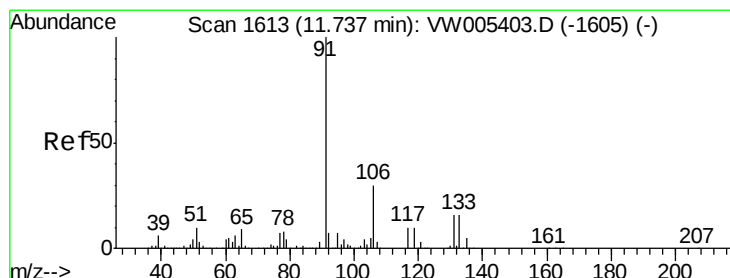
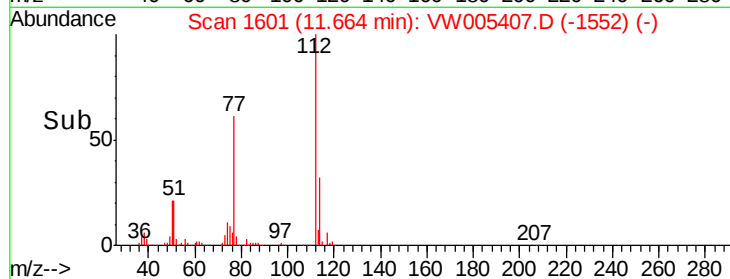
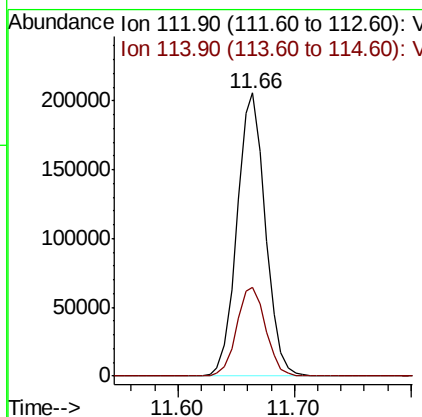
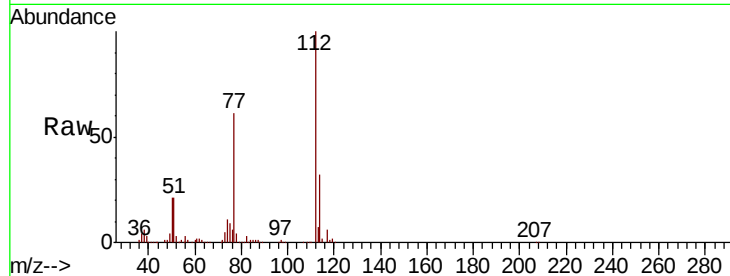
#65
Chlorobenzene
Concen: 49.44 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9

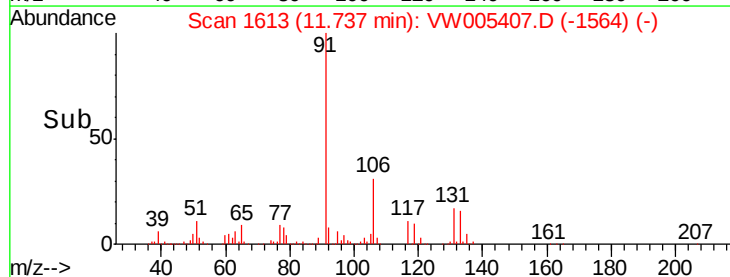
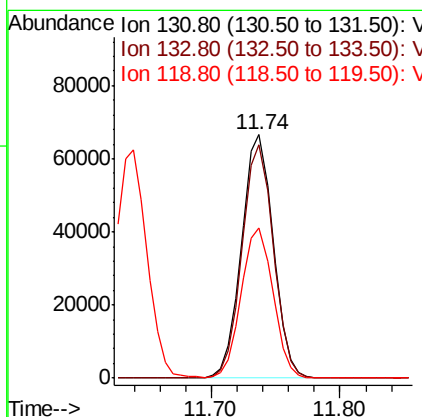
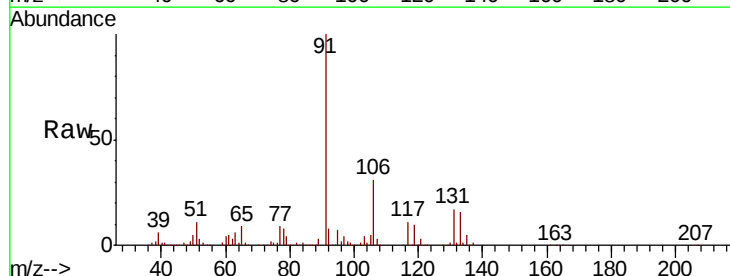
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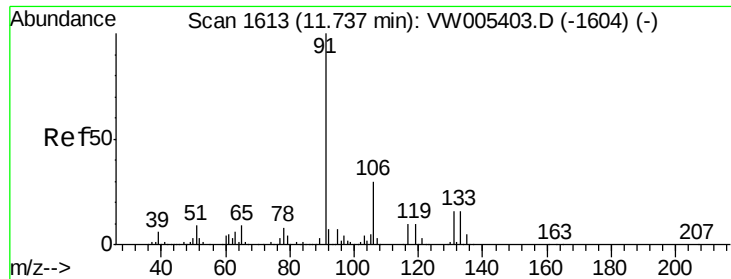
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.26 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.3	141.9
119	62.1	31.1	93.5





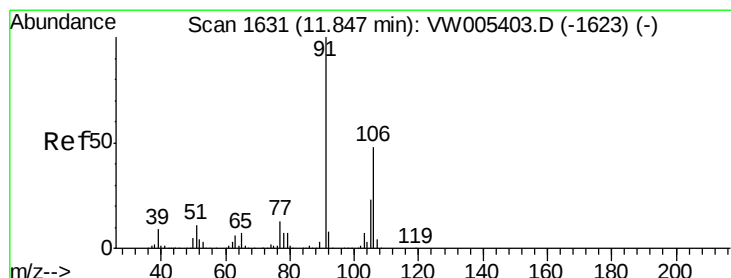
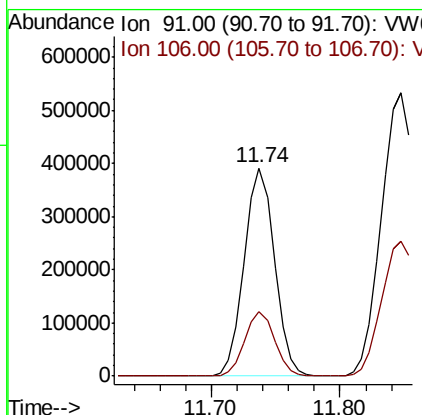
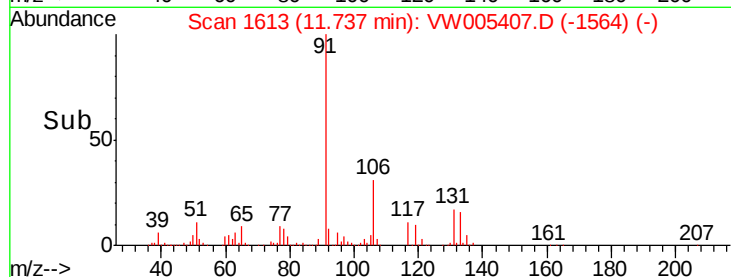
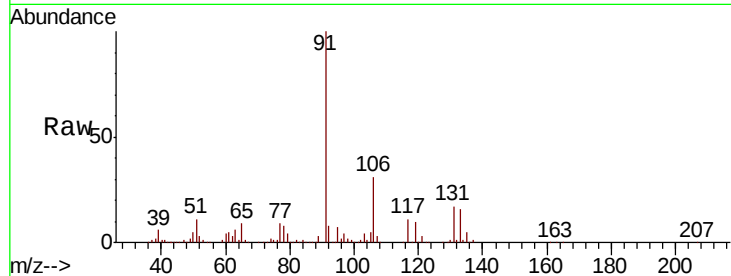
#67
Ethyl Benzene
Concen: 51.52 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion: 91 Resp: 638517
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

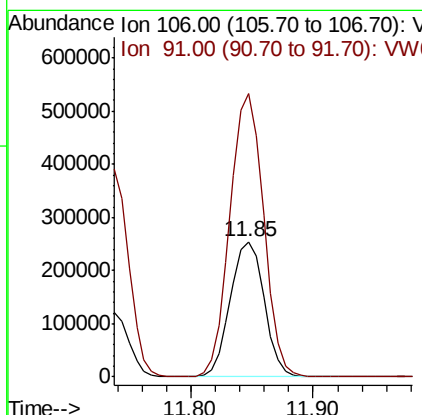
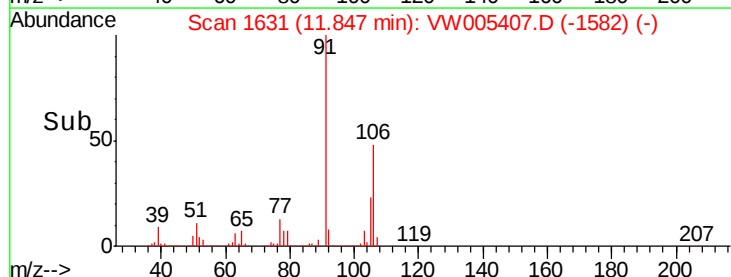
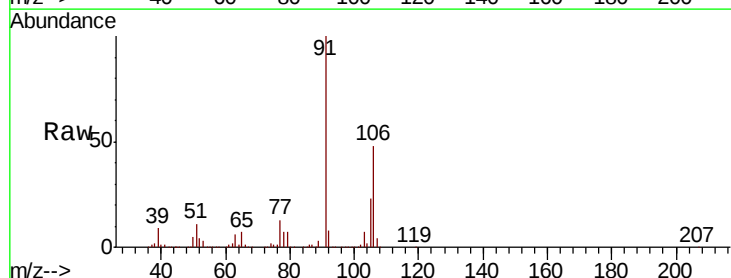
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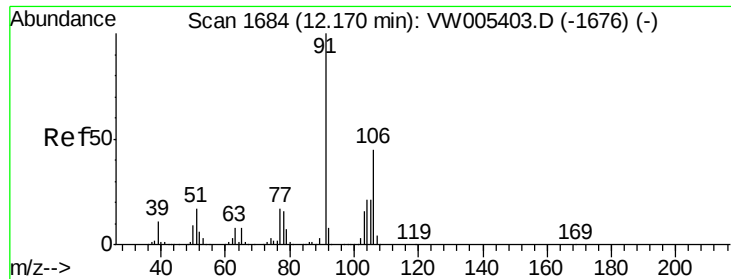
apatel
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#68
m/p-Xylenes
Concen: 102.53 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 106 Resp: 489074
Ion Ratio Lower Upper
106 100
91 208.1 167.9 251.9





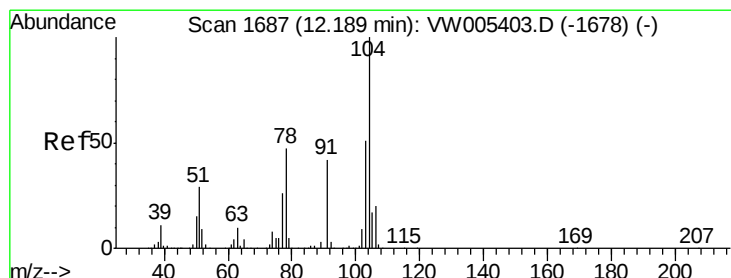
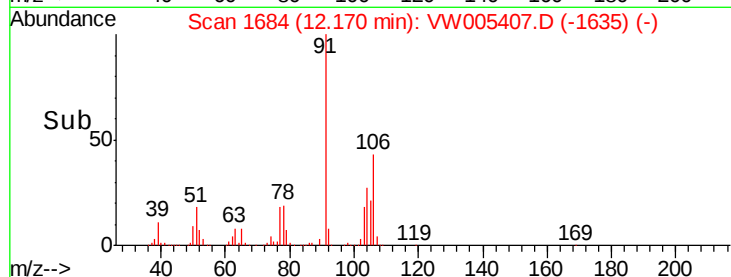
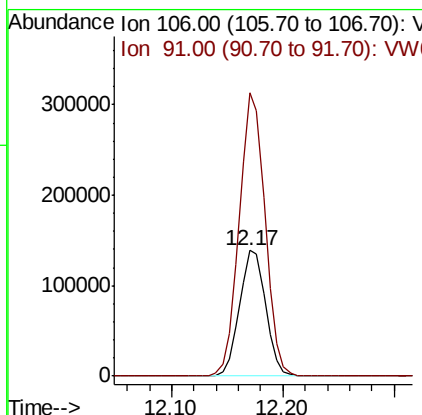
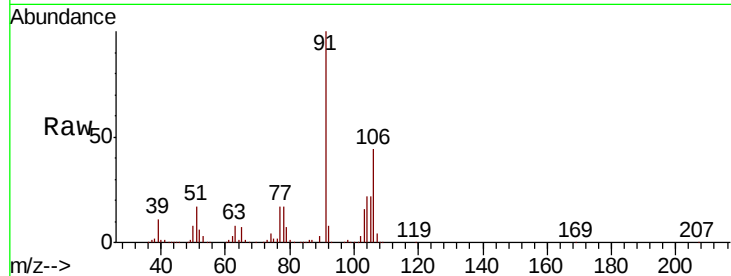
#69
o-Xylene
Concen: 51.09 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	221.9	110.6	331.6	

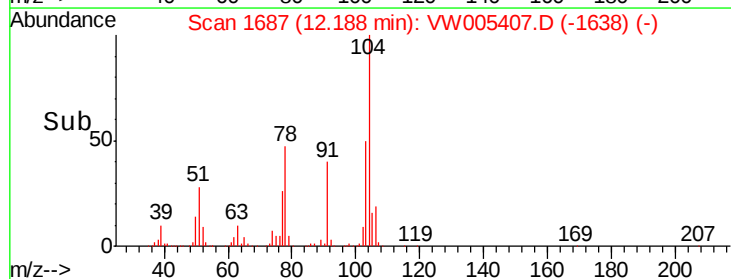
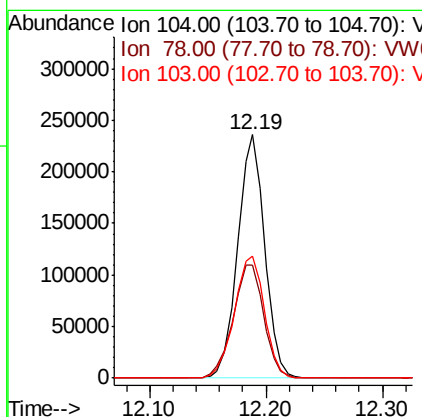
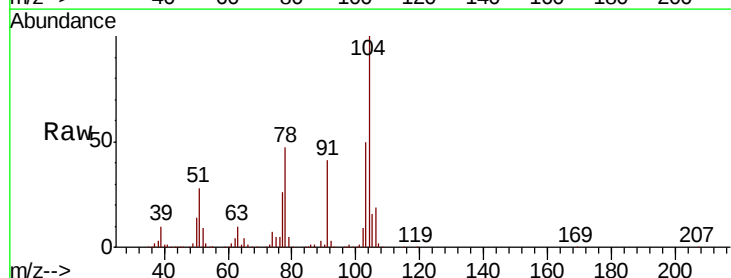
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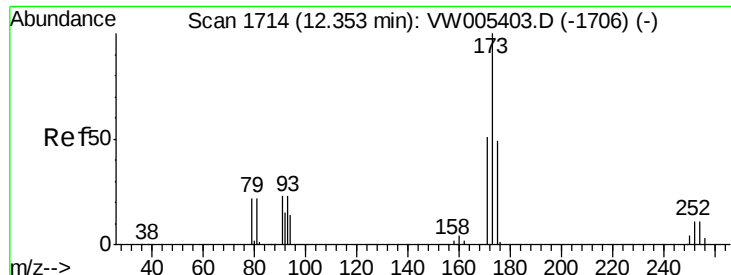
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#70
Styrene
Concen: 51.96 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	53.2	42.4	63.6	
103	55.9	44.8	67.2	





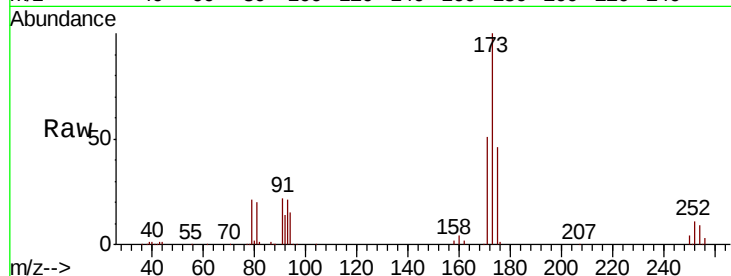
#71
Bromoform
Concen: 51.40 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

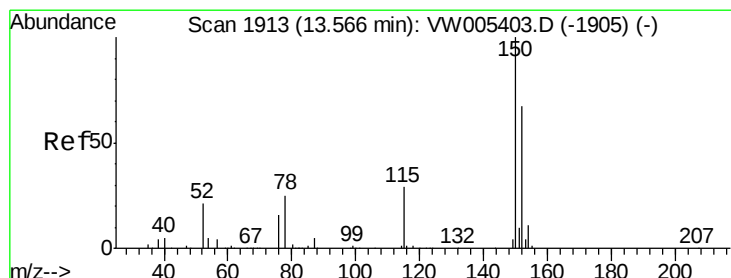
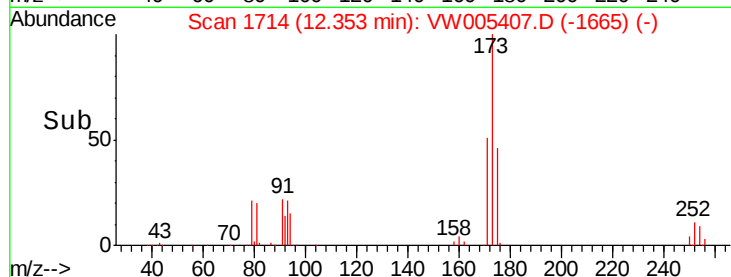
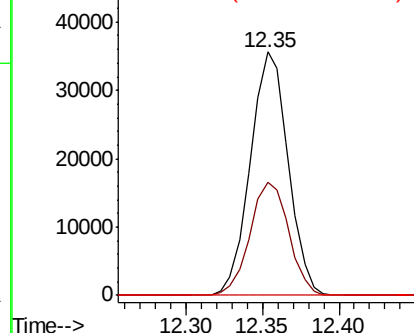
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.2	72.6
254	0.1	0.0	0.0

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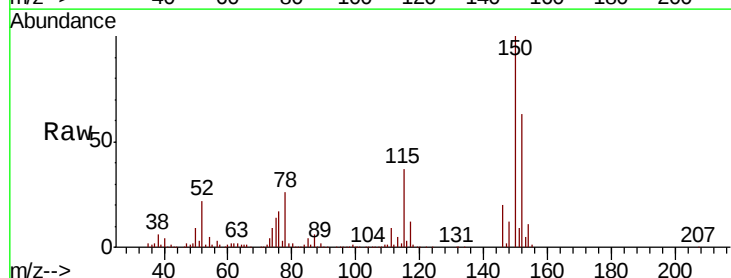


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

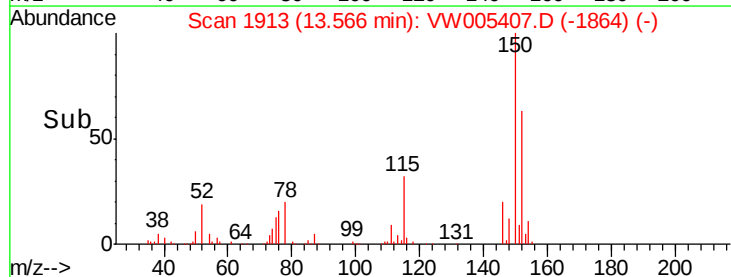
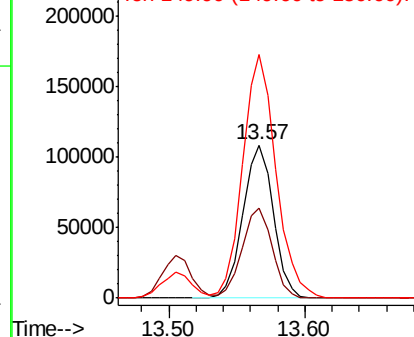


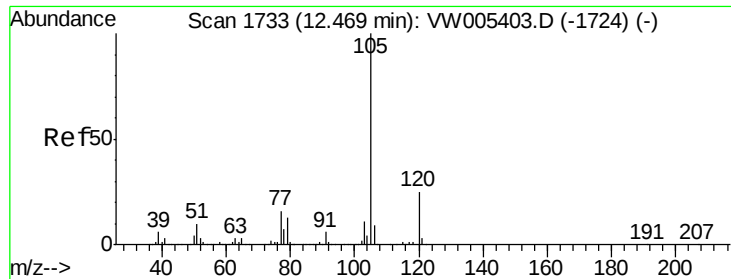
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.5	88.5
150	174.1	0.0	345.6



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: 53.79 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 105 Resp: 637914

Ion Ratio Lower Upper

105 100

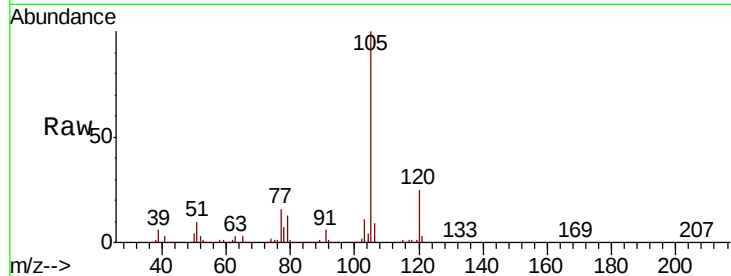
120 25.7 12.9 38.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

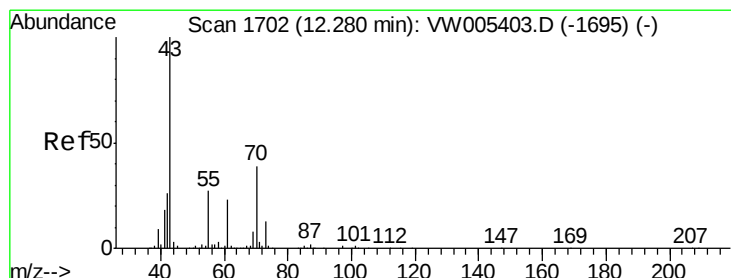
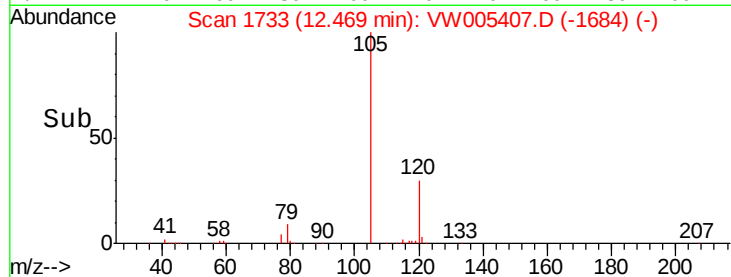
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 53.47 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion: 43 Resp: 133634

Ion Ratio Lower Upper

43 100

70 39.9 31.9 47.9

55 25.5 21.4 32.0

61 22.7 18.3 27.5

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

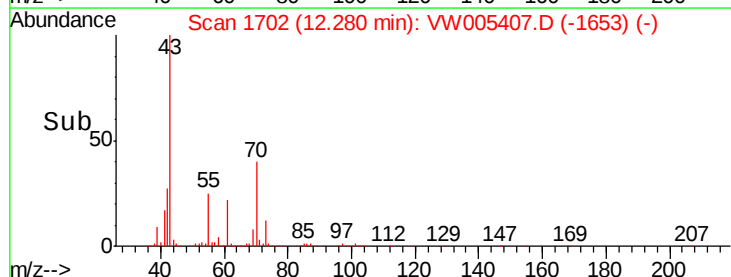
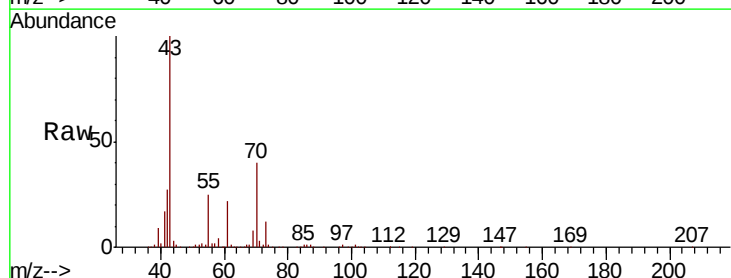
12.28

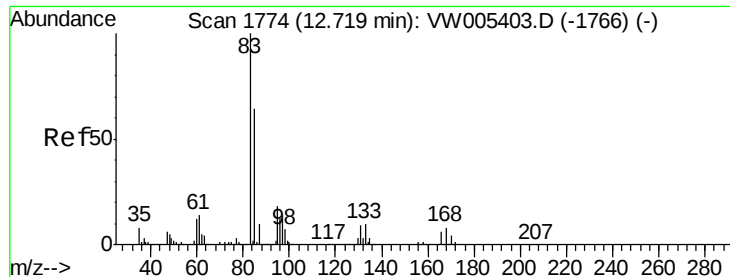
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.51 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

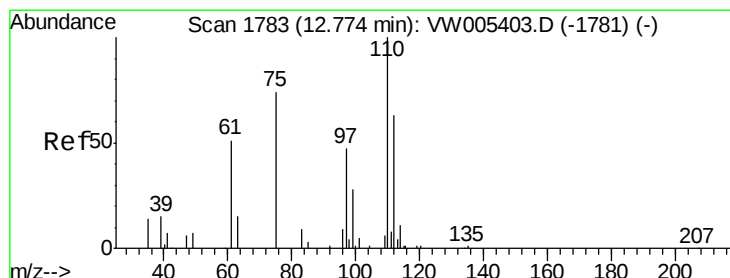
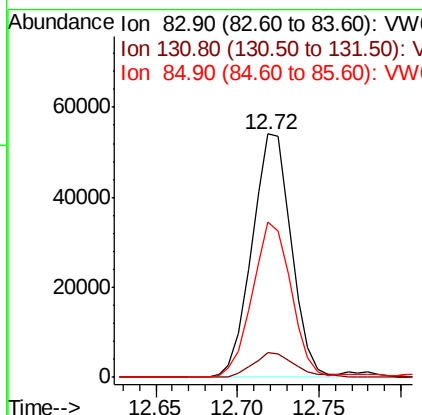
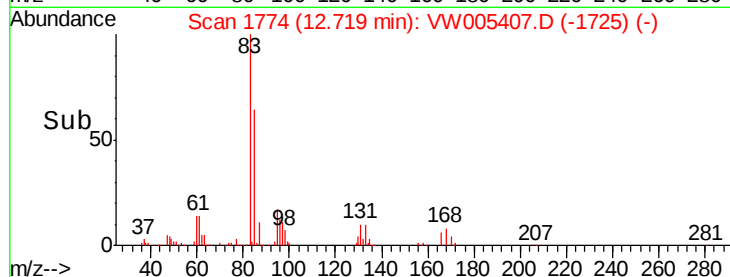
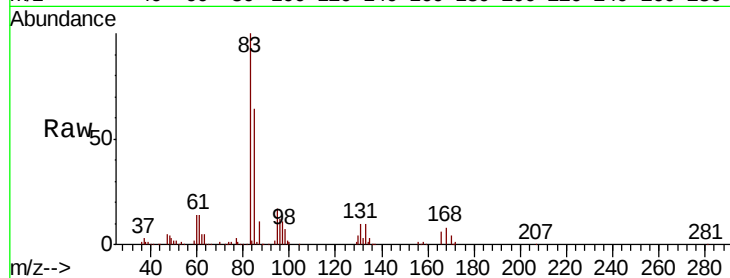
ICVW091618

Tot Ion:	83	Resp:	90843
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	63.2	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.86 ug/l m

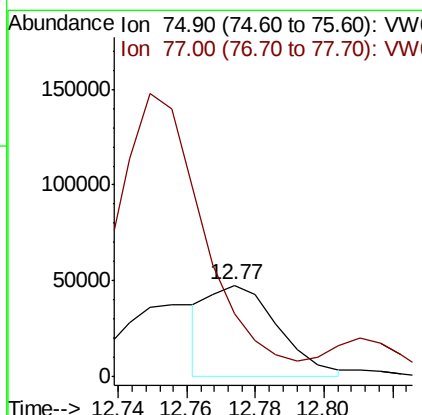
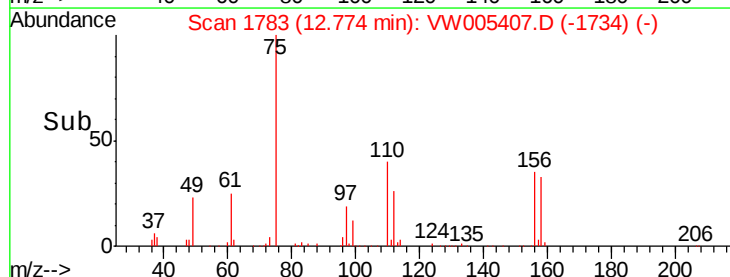
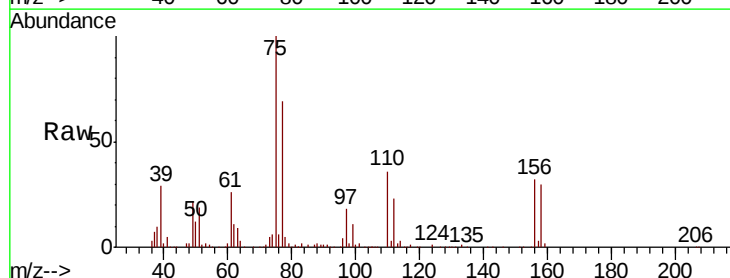
RT: 12.77 min Scan# 1783

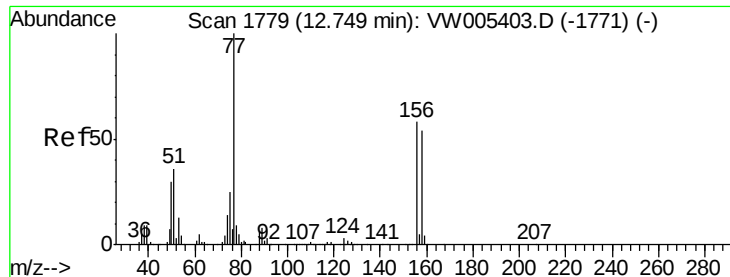
Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	75	Resp:	67930
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.83 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

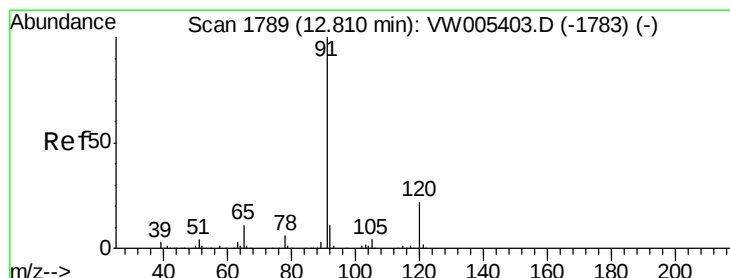
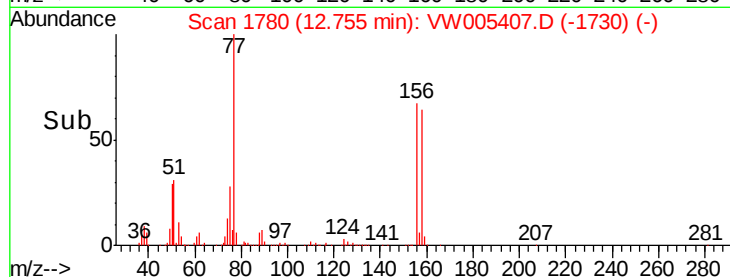
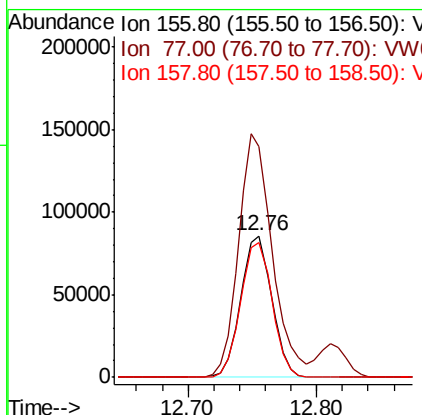
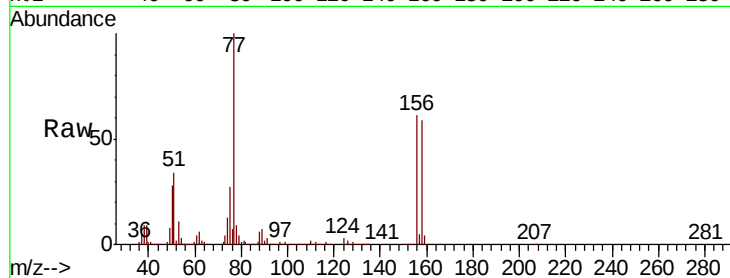
ClientSampleId :

ICVW091618

Tot Ion:	156	Resp:	142525
Ion Ratio	Lower	Upper	
156	100		
77	186.8	92.8	278.3
158	96.8	48.2	144.6

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#78

n-propylbenzene

Concen: 53.29 ug/l

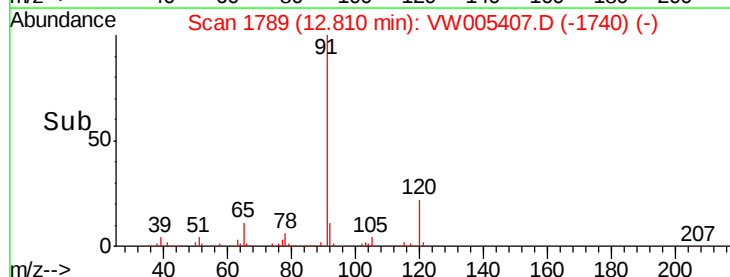
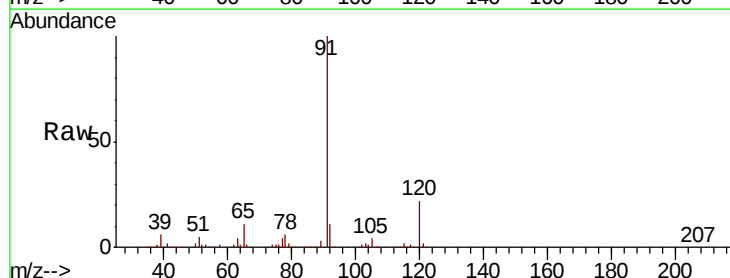
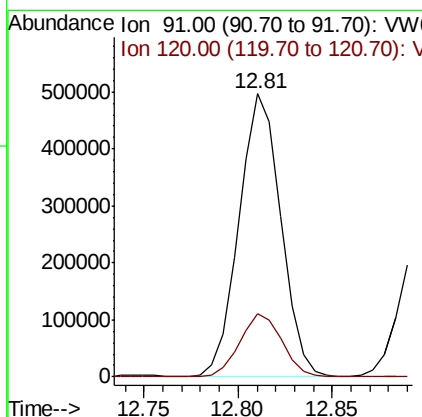
RT: 12.81 min Scan# 1789

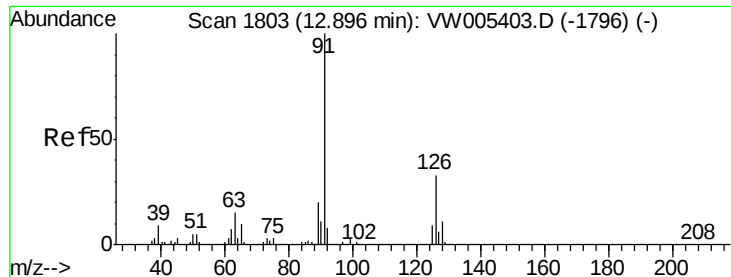
Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	91	Resp:	762727
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 52.24 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

Tot Ion: 91 Resp: 441111

Ion Ratio Lower Upper

91 100

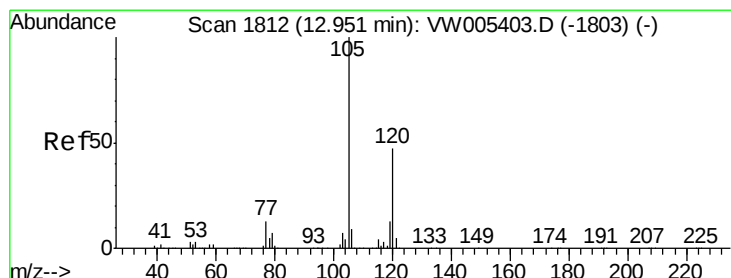
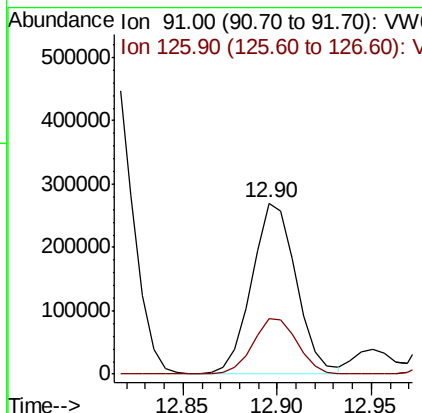
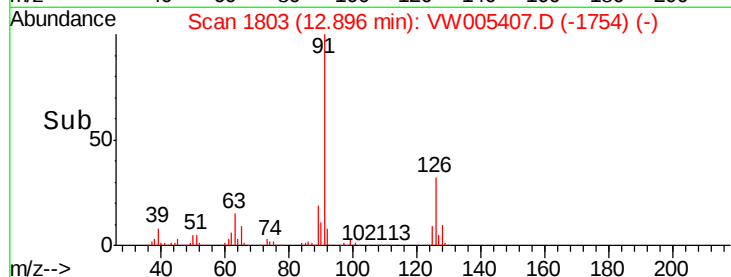
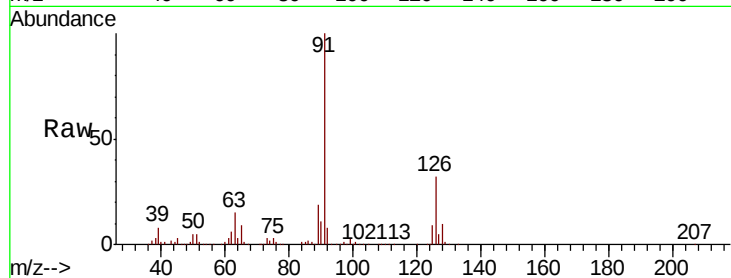
126 32.6 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 52.97 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005407.D

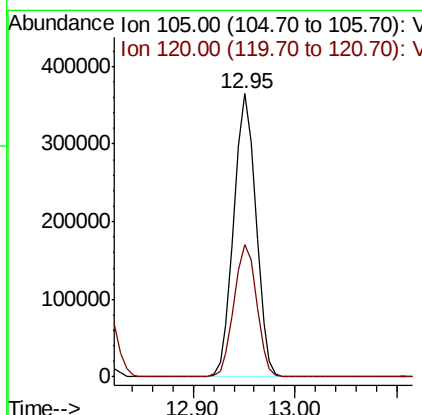
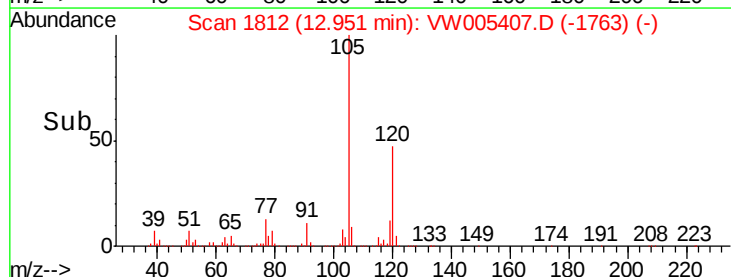
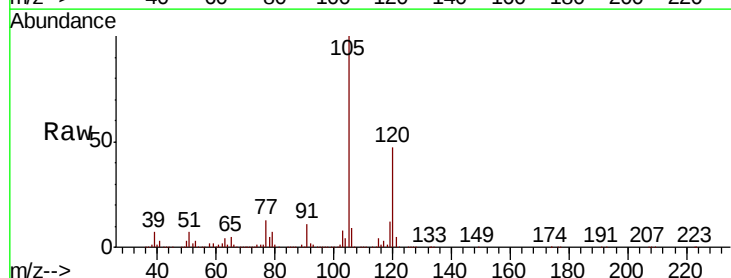
Acq: 15 Sep 2018 02:13

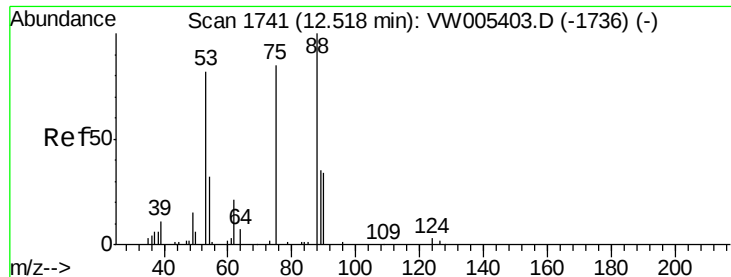
Tgt Ion:105 Resp: 548093

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 51.57 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

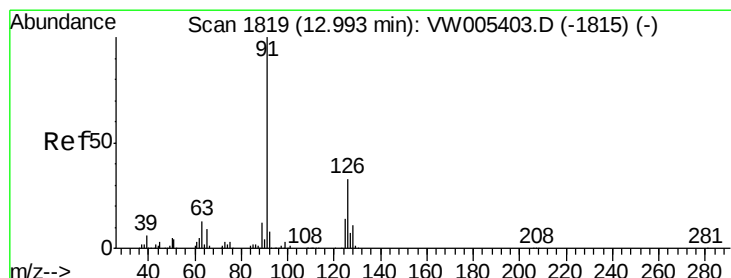
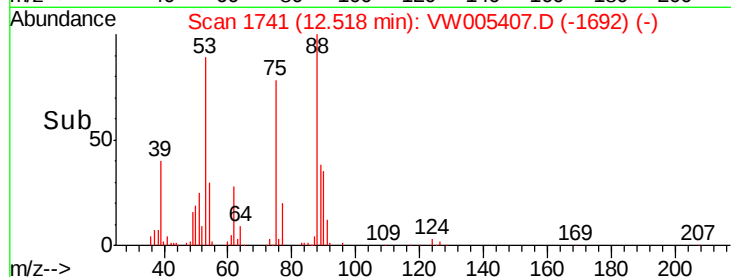
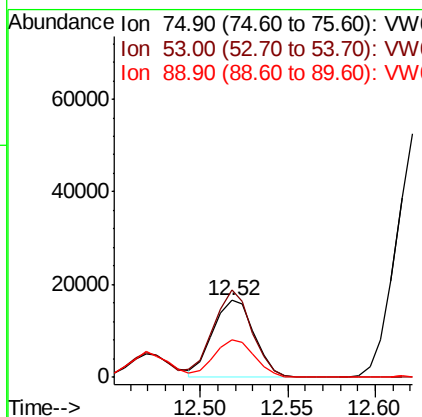
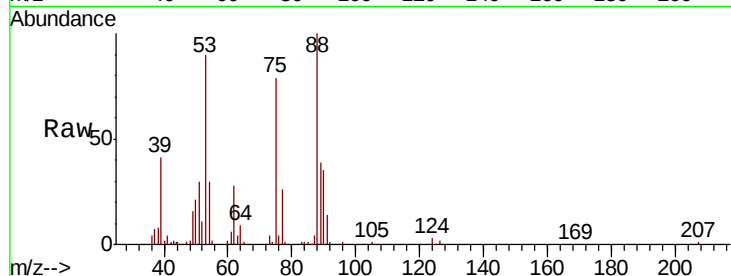
ICVW091618

Tot Ion:	75	Resp:	27641
Ion	Ratio	Lower	Upper
75	100		
53	107.7	83.2	124.8
89	47.5	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.40 ug/l

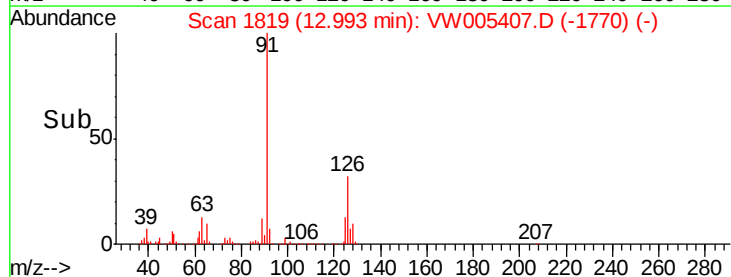
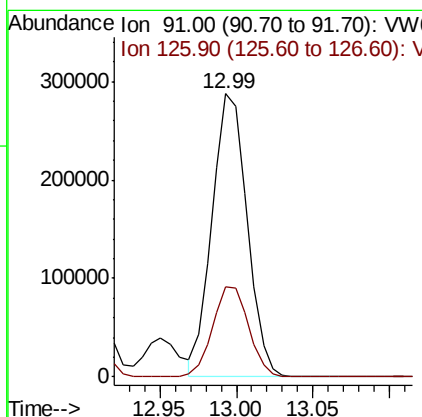
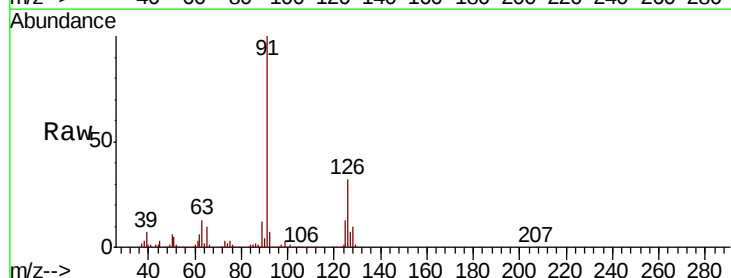
RT: 12.99 min Scan# 1819

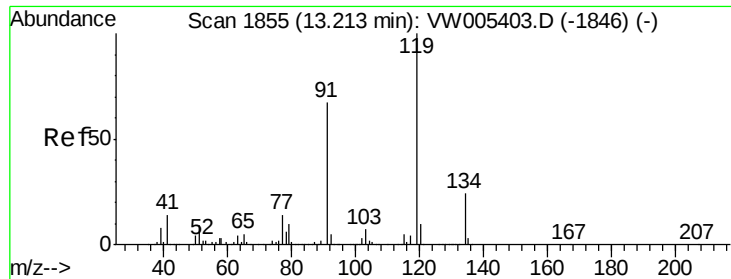
Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	91	Resp:	458227
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1





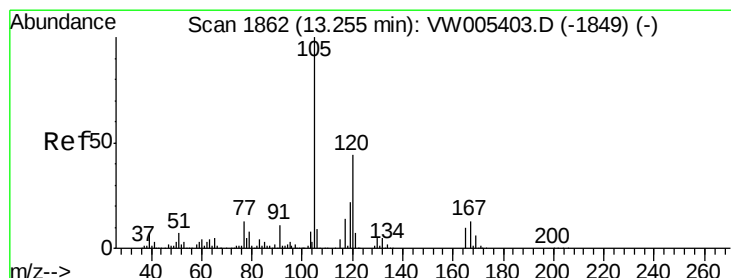
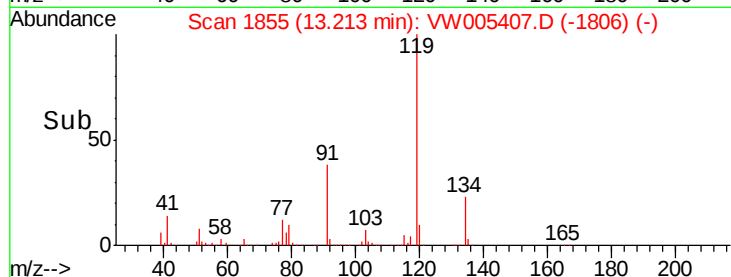
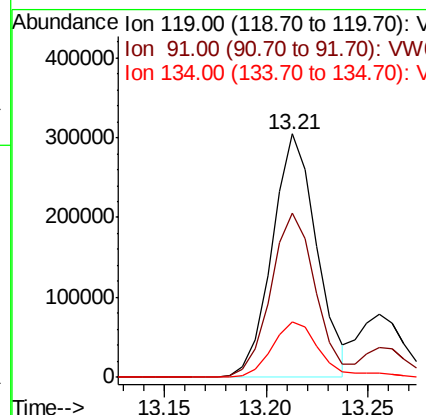
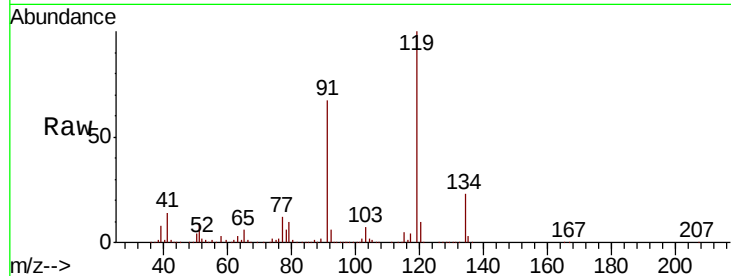
#83
 tert-Butylbenzene
 Concen: 54.03 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.6	34.4	103.2
134	25.1	12.7	38.0

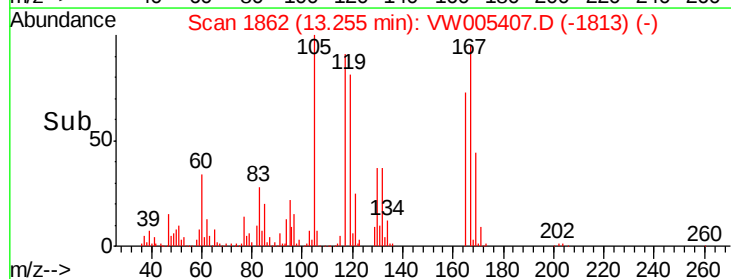
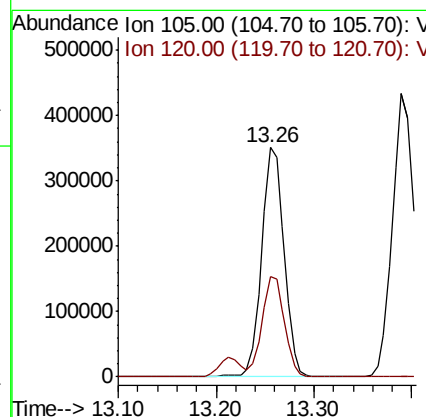
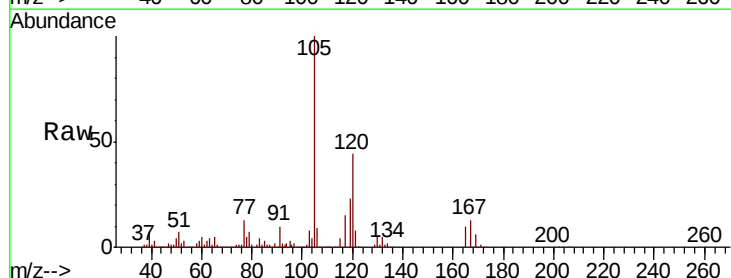
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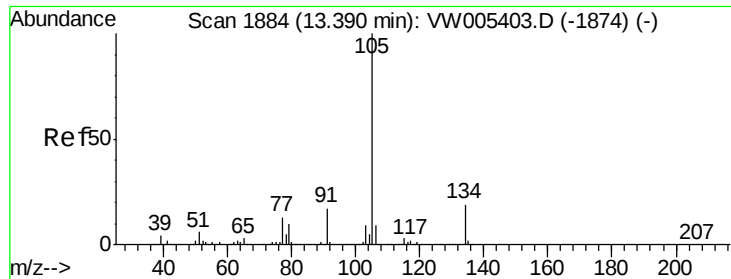
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.04 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.8	65.3





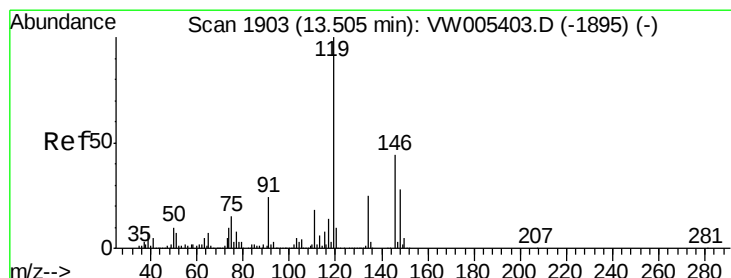
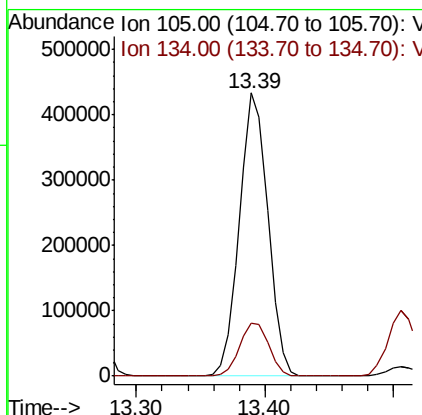
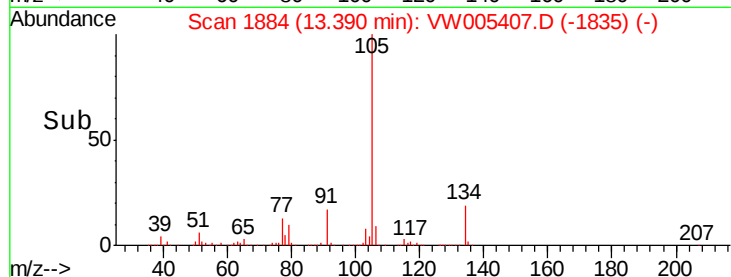
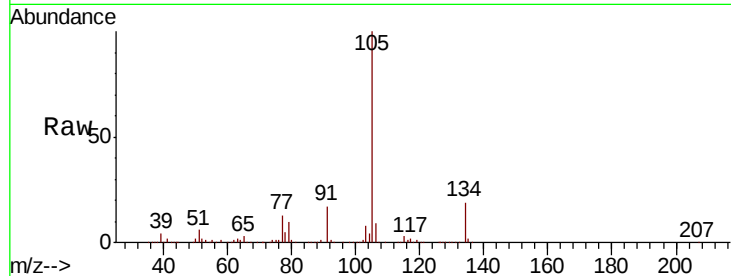
#85
 sec-Butylbenzene
 Concen: 53.46 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

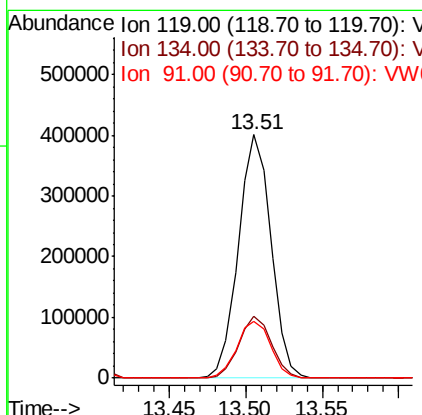
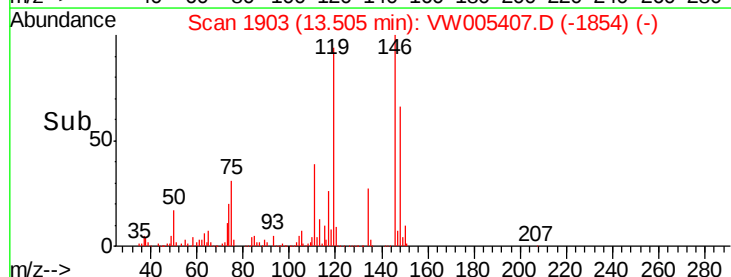
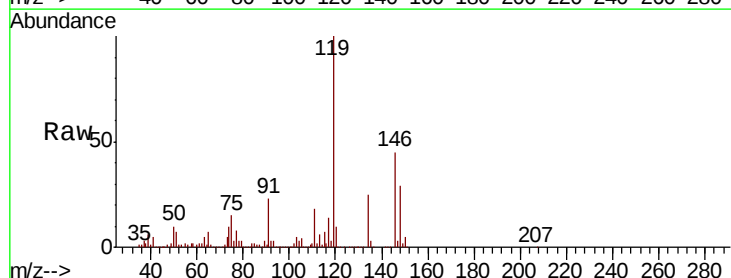
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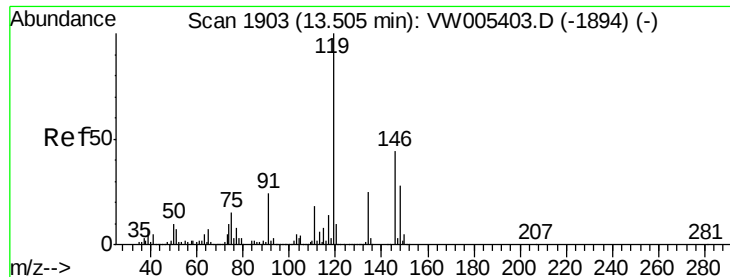
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#86
 p-Isopropyltoluene
 Concen: 53.34 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	24.1	12.0	36.0





#87

1,3-Dichlorobenzene

Concen: 50.34 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

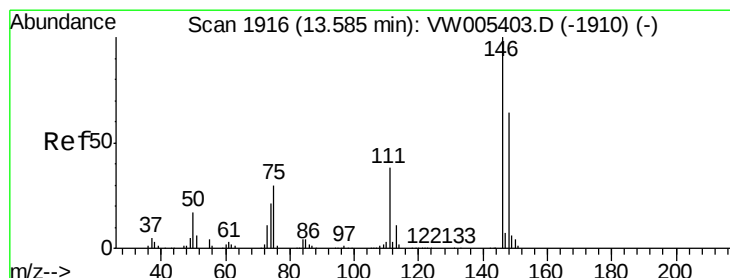
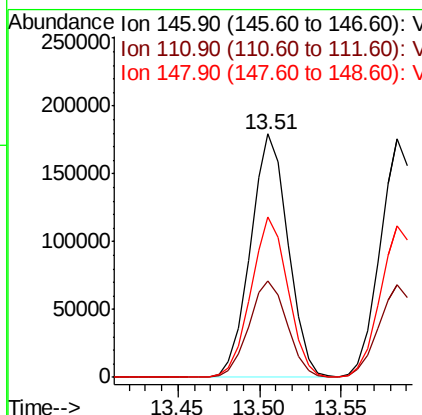
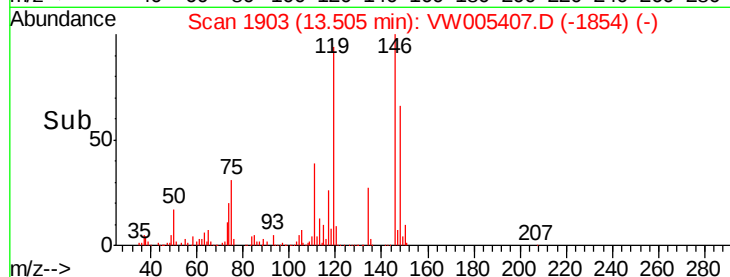
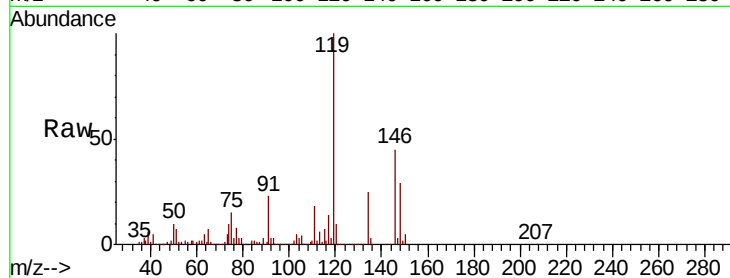
ICVW091618

Tot Ion:	146	Resp:	286235
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.4	61.2
148	64.9	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 49.90 ug/l

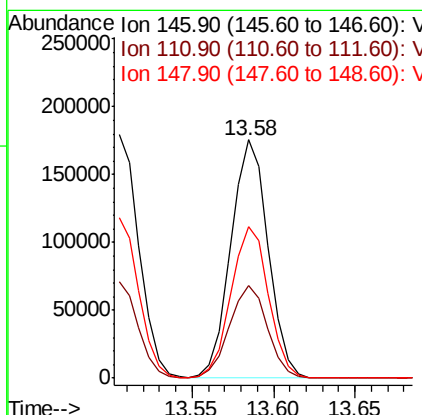
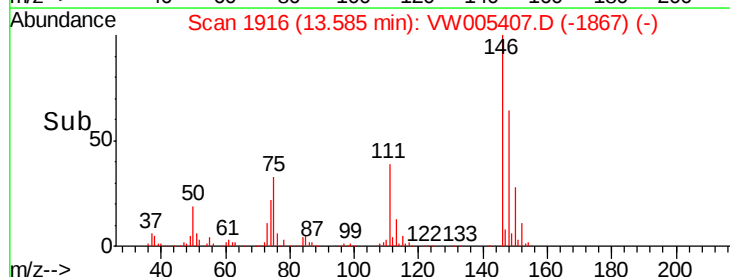
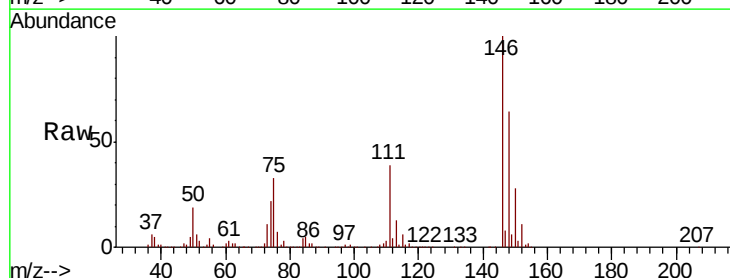
RT: 13.58 min Scan# 1916

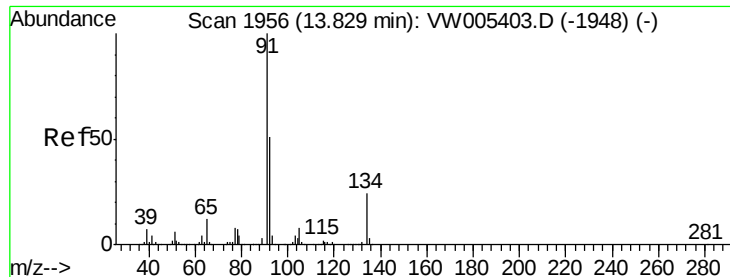
Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	146	Resp:	279438
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.6	58.8
148	63.9	31.8	95.4





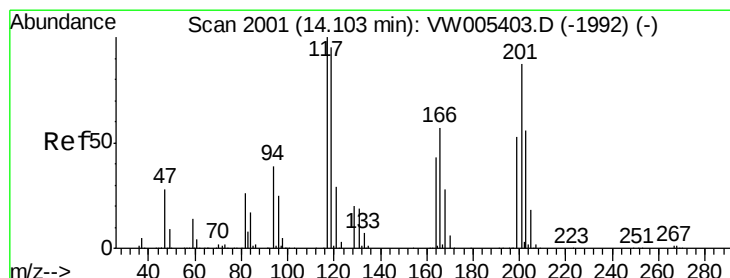
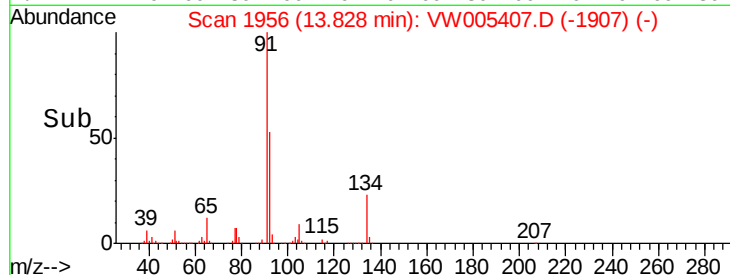
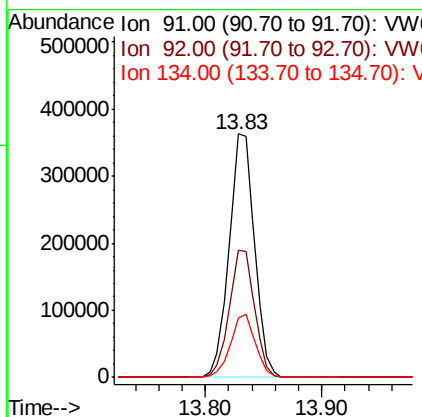
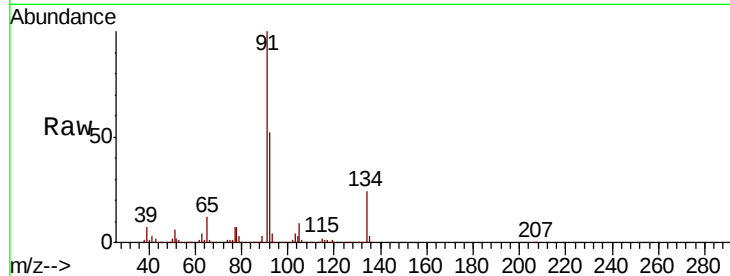
#89
n-Butylbenzene
Concen: 53.28 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.6
134	25.1	12.7	38.1

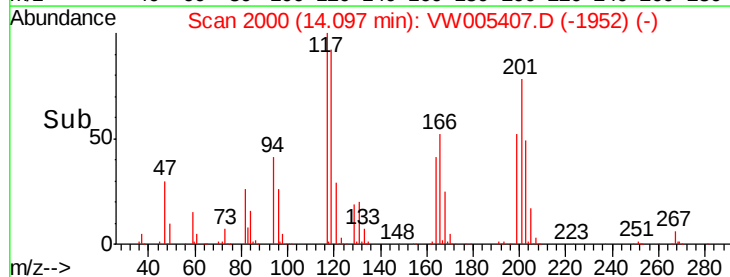
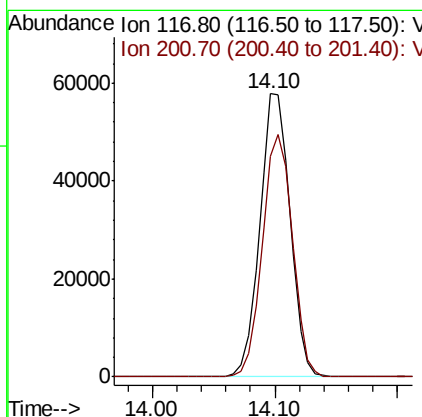
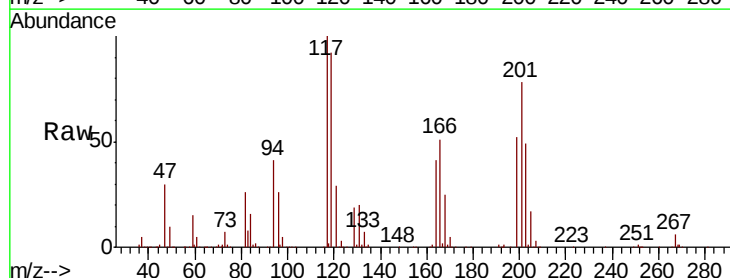
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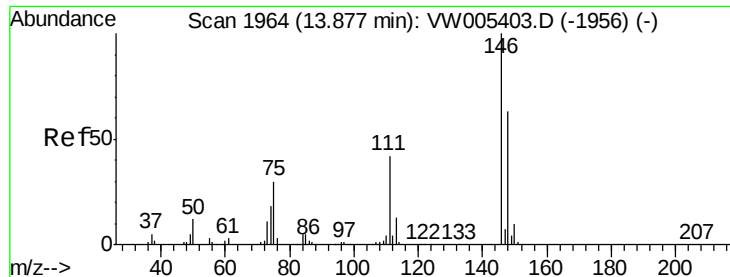
apatel
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#90
Hexachloroethane
Concen: 52.46 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	42.5	127.5





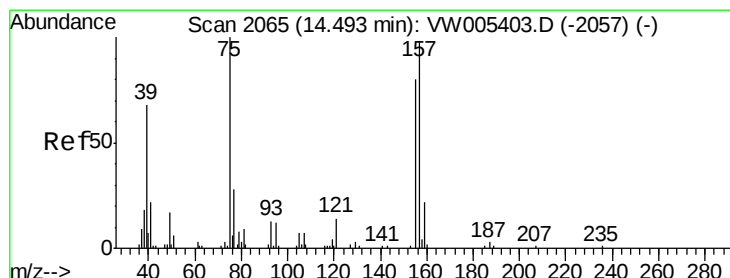
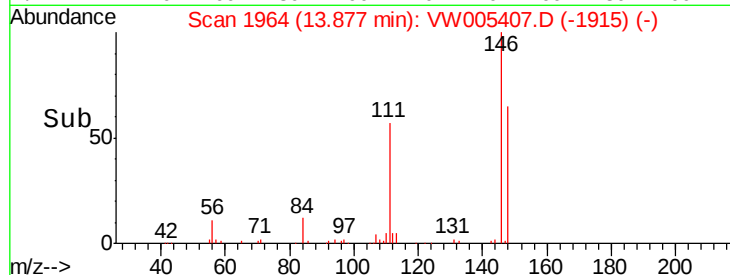
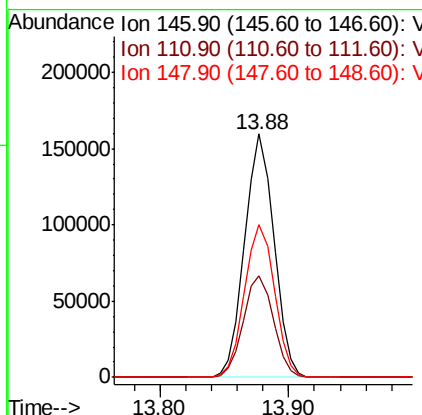
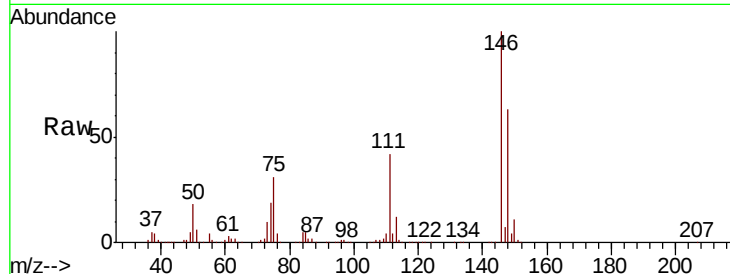
#91
 1,2-Dichlorobenzene
 Concen: 50.62 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.0	63.0
148	64.2	31.9	95.9

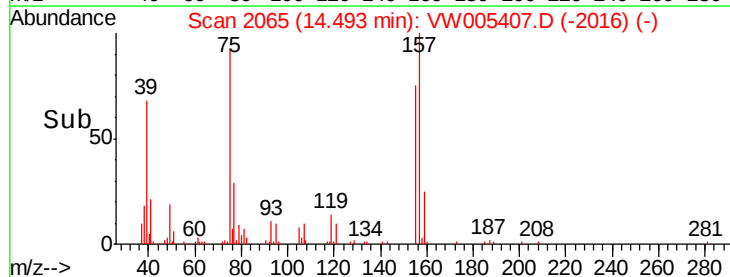
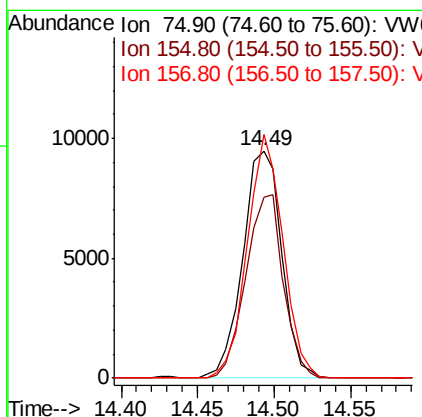
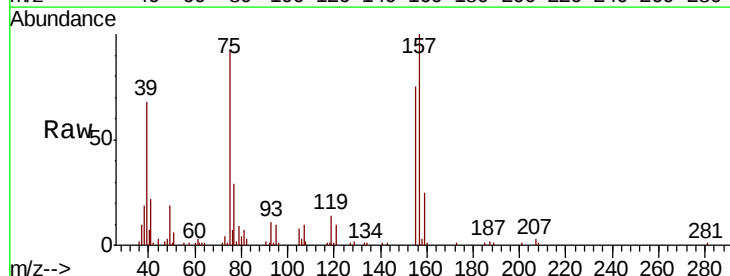
Manual Integrations
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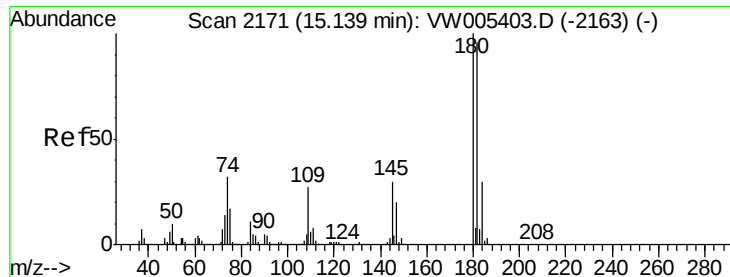
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.43 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	39.0	117.0
157	98.1	49.9	149.6





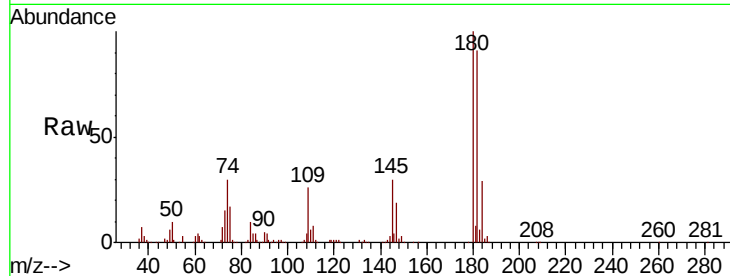
#93
 1,2,4-Trichlorobenzene
 Concen: 52.19 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	47.3	141.9	
145	30.8	14.8	44.3	

Manual Integrations
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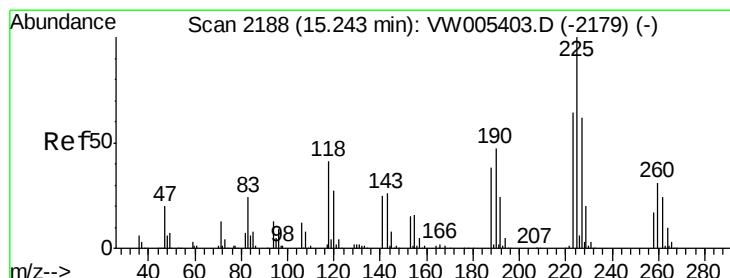
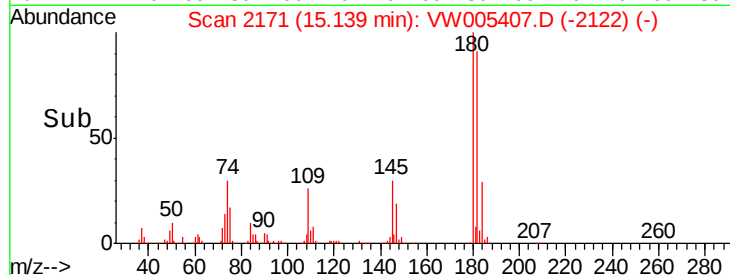
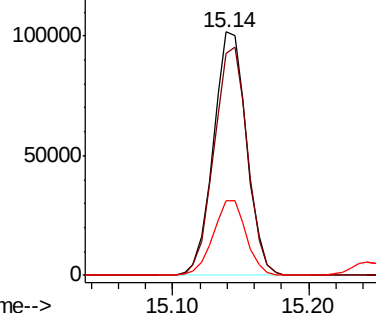


Abundance

Ion 179.80 (179.50 to 180.50): V

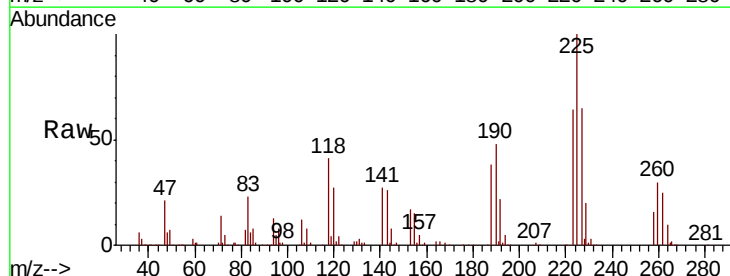
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.29 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.2	93.6	
227	64.1	31.6	95.0	

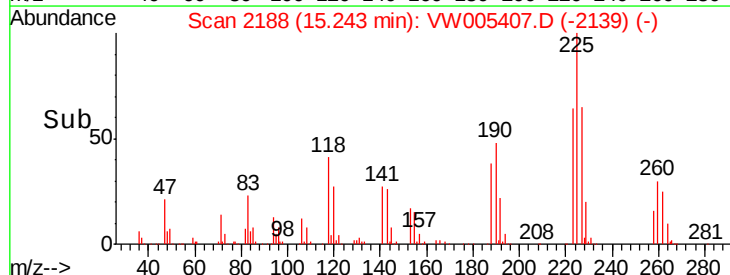
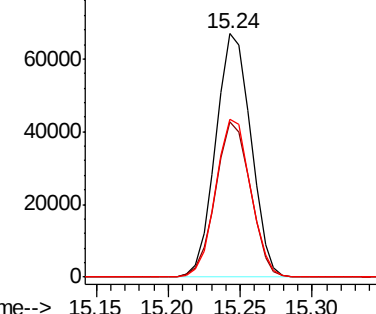


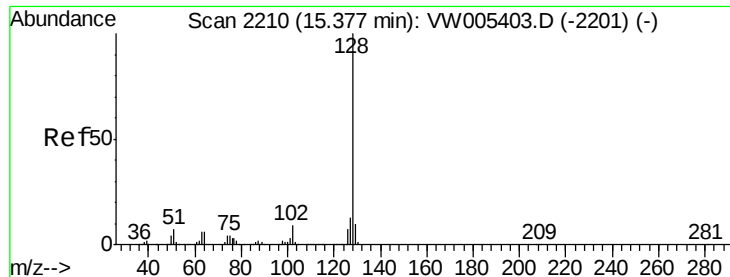
Abundance

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: 53.97 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

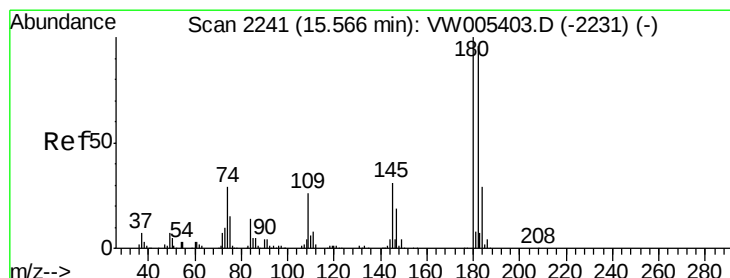
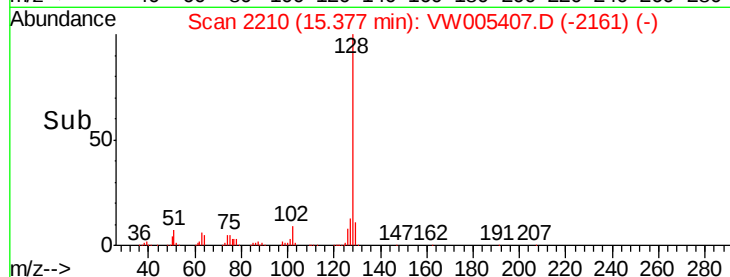
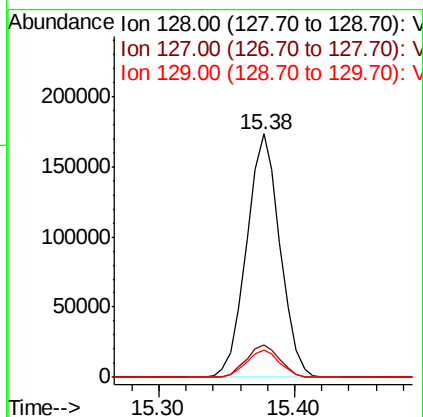
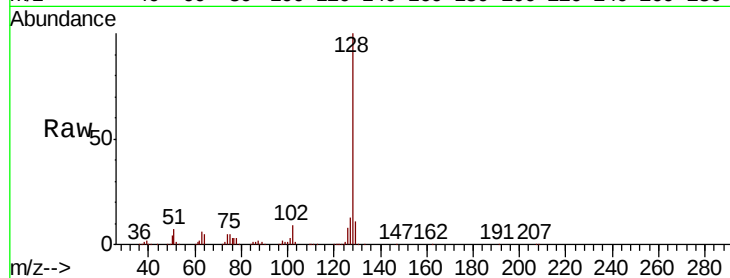
ClientSampleId :

ICVW091618

Tot Ion:	128	Resp:	298207
Ion Ratio		Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.1	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 51.27 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion:	180	Resp:	148372
Ion Ratio		Lower	Upper
180	100		
182	95.9	48.1	144.4
145	32.1	15.9	47.7

