

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005246.D
 Acq On : 10 Sep 2018 17:30
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW091018

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:41 AM

Quant Time: Sep 11 04:00:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	534890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	781088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	755420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	405205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	201457	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.89	113	204343	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.33	98	1038196	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.63	95	380245	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	213958	46.37	ug/l	100
3) Chloromethane	2.22	50	309879	50.23	ug/l	98
4) Vinyl Chloride	2.36	62	287672	50.80	ug/l	98
5) Bromomethane	2.76	94	194674	57.09	ug/l	100
6) Chloroethane	2.92	64	161108	51.64	ug/l	100
7) Trichlorofluoromethane	3.26	101	317161	49.51	ug/l	98
8) Diethyl Ether	3.69	74	116305	50.94	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	225206	49.22	ug/l	98
10) Methyl Iodide	4.28	142	278325	49.01	ug/l	99
11) Tert butyl alcohol	5.17	59	84234	257.46	ug/l	99
12) 1,1-Dichloroethene	4.04	96	209997	49.84	ug/l	99
13) Acrolein	3.90	56	80160	253.64	ug/l	99
14) Allyl chloride	4.68	41	341160	52.70	ug/l	99
15) Acrylonitrile	5.37	53	277620	269.52	ug/l	99
16) Acetone	4.13	43	194573	262.75	ug/l	99
17) Carbon Disulfide	4.38	76	777075	52.54	ug/l	99
18) Methyl Acetate	4.68	43	118868	53.77	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	536694	53.48	ug/l	98
20) Methylene Chloride	4.92	84	286177	52.14	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	246213	50.05	ug/l	98
22) Diisopropyl ether	6.32	45	732726	56.22	ug/l	95
23) Vinyl Acetate	6.27	43	2026448	278.99	ug/l	100
24) 1,1-Dichloroethane	6.23	63	416502	51.91	ug/l	100
25) 2-Butanone	7.18	43	316850	271.26	ug/l	96
26) 2,2-Dichloropropane	7.18	77	350892	50.44	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	270404	51.36	ug/l	99
28) Bromochloromethane	7.52	49	153485	51.86	ug/l	# 95
29) Tetrahydrofuran	7.54	42	213422	271.13	ug/l	99
30) Chloroform	7.68	83	410152	50.94	ug/l	100
31) Cyclohexane	7.96	56	450318	52.75	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	377435	51.89	ug/l	99
36) 1,1-Dichloropropene	8.09	75	372855	52.10	ug/l	99
37) Ethyl Acetate	7.26	43	142675	52.42	ug/l	100
38) Carbon Tetrachloride	8.07	117	337121	50.29	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	499333	52.55	ug/l	98
40) Benzene	8.34	78	1111172	52.71	ug/l	100
41) Methacrylonitrile	7.49	41	76686	54.91	ug/l	95
42) 1,2-Dichloroethane	8.41	62	250590	49.68	ug/l	100
43) Isopropyl Acetate	8.43	43	274827	54.37	ug/l	100
44) Trichloroethene	9.10	130	292279	50.53	ug/l	100
45) 1,2-Dichloropropane	9.38	63	267500	52.79	ug/l	98
46) Dibromomethane	9.46	93	120775	48.69	ug/l	99
47) Bromodichloromethane	9.65	83	310201	51.12	ug/l	96
48) Methyl methacrylate	9.44	41	137688	52.46	ug/l	94
49) 1,4-Dioxane	9.45	88	51354	1108.89	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	769897	270.67	ug/l	100
52) Toluene	10.40	92	778879	50.83	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	341392	52.06	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	408618	52.03	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	195506	49.43	ug/l	99
56) Ethyl methacrylate	10.65	69	271464	54.14	ug/l	99
57) 1,3-Dichloropropane	10.94	76	336851	51.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	601839	276.16	ug/l	99
59) 2-Hexanone	10.98	43	556753	271.50	ug/l	99
60) Dibromochloromethane	11.13	129	224800	51.22	ug/l	99
61) 1,2-Dibromoethane	11.24	107	184321	50.82	ug/l	100
64) Tetrachloroethene	10.87	164	285019	50.85	ug/l	98
65) Chlorobenzene	11.66	112	853798	51.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	251453	50.89	ug/l	99
67) Ethyl Benzene	11.74	91	1517107	52.64	ug/l	100
68) m/p-Xylenes	11.85	106	1211978	104.36	ug/l	98
69) o-Xylene	12.17	106	566155	52.40	ug/l	99
70) Styrene	12.19	104	935880	53.08	ug/l	99
71) Bromoform	12.35	173	139657	52.13	ug/l #	98
73) Isopropylbenzene	12.47	105	1536650	53.67	ug/l	100
74) N-amyl acetate	12.28	43	313121	57.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	235577	54.75	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	163964m	52.61	ug/l	
77) Bromobenzene	12.76	156	356365	52.84	ug/l	98
78) n-propylbenzene	12.81	91	1867383	54.31	ug/l	99
79) 2-Chlorotoluene	12.90	91	1054115	53.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1307050	53.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	73600	55.38	ug/l	98
82) 4-Chlorotoluene	13.00	91	1105479	53.34	ug/l	99
83) tert-Butylbenzene	13.21	119	1158012	54.31	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1325782	54.12	ug/l	99
85) sec-Butylbenzene	13.40	105	1651916	53.91	ug/l	99
86) p-Isopropyltoluene	13.51	119	1468294	54.13	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	742132	52.40	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	720640	51.81	ug/l	100
89) n-Butylbenzene	13.83	91	1374651	53.91	ug/l	98
90) Hexachloroethane	14.10	117	232352	53.46	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	655895	52.69	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40143	56.10	ug/l	97

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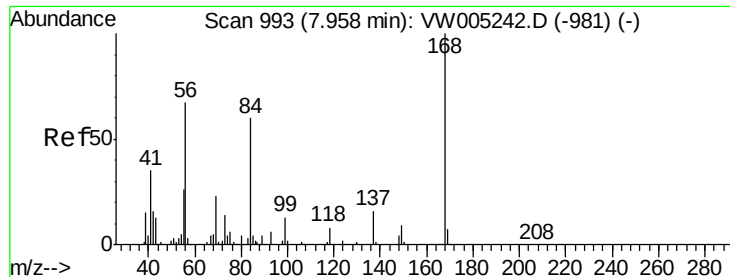
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	469217	53.29	ug/l	99
94) Hexachlorobutadiene	15.25	225	292062	51.80	ug/l	100
95) Naphthalene	15.38	128	807449	56.56	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	406678	53.67	ug/l	98

(#) = 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: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampled :

ICVW091018

Tot Ion:168 Resp: 534890

Ion Ratio Lower Upper

168 100

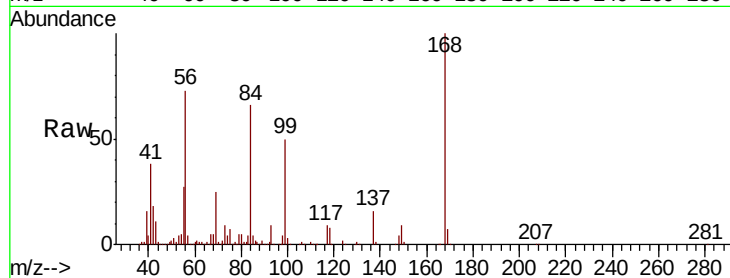
99 50.2 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

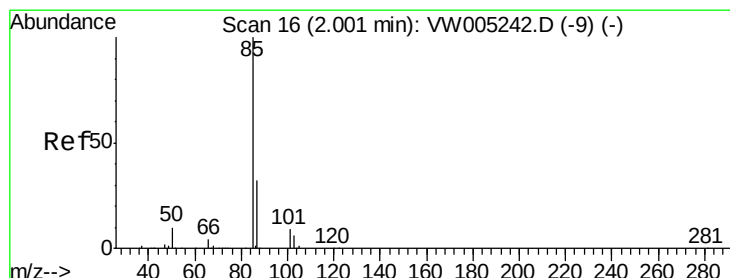
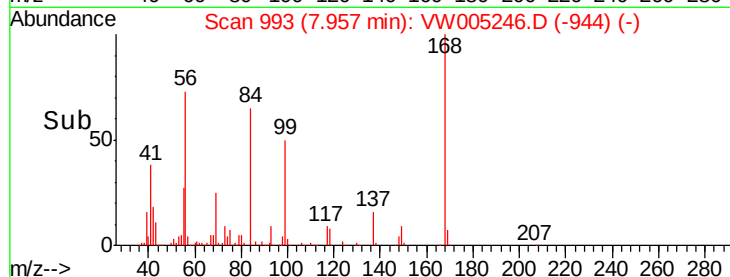
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.37 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005246.D

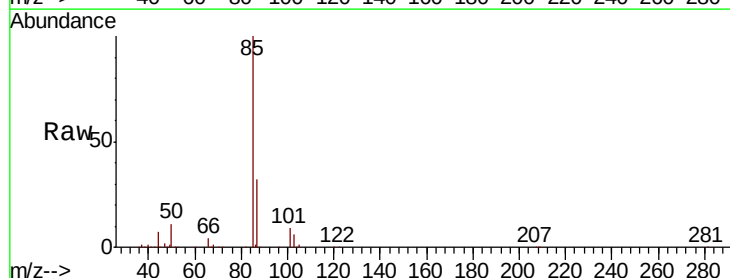
Acq: 10 Sep 2018 17:30

Tgt Ion: 85 Resp: 213958

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

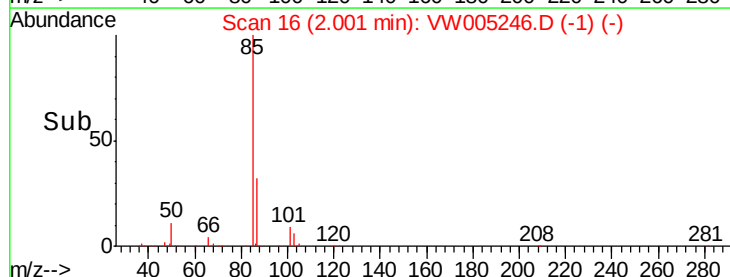
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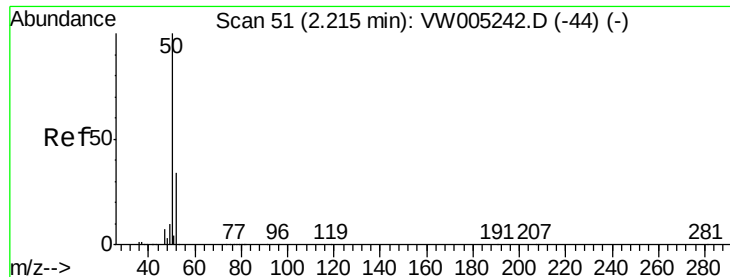
100000

50000

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Time-->





#3

Chloromethane

Concen: 50.23 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

Tot Ion: 50 Resp: 309879

Ion Ratio Lower Upper

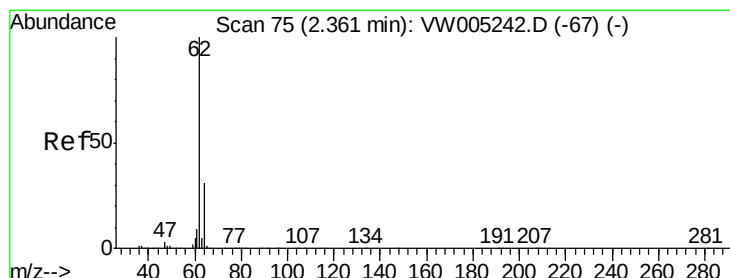
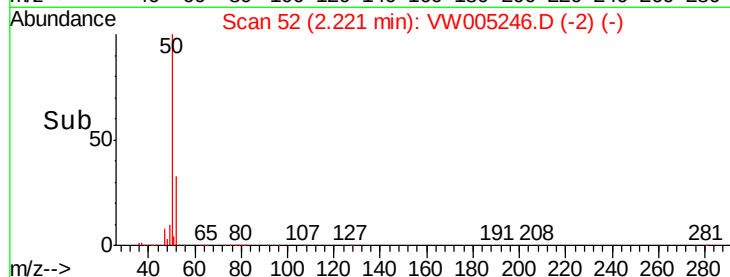
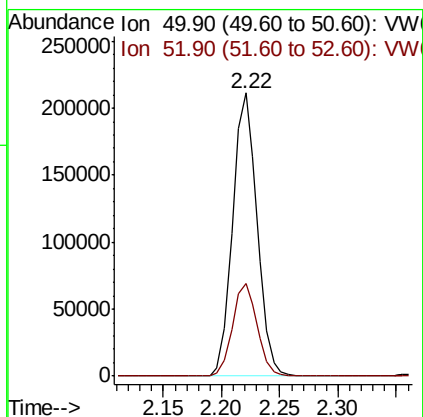
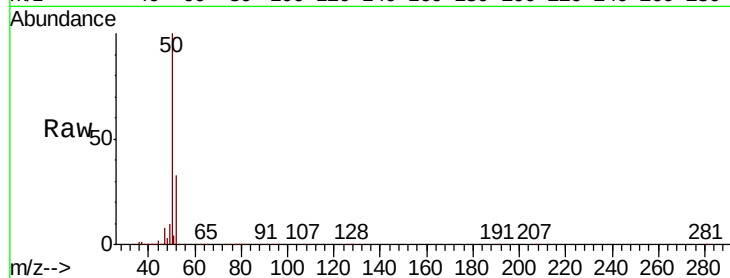
50 100

52 32.6 27.0 40.4

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#4

Vinyl Chloride

Concen: 50.80 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005246.D

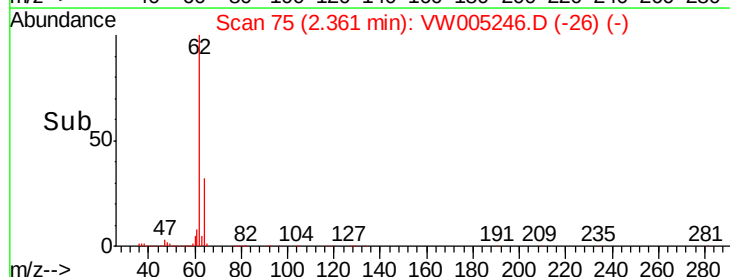
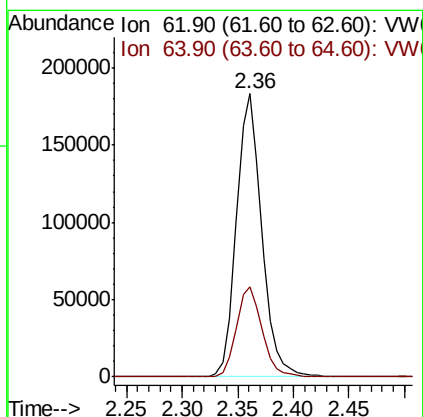
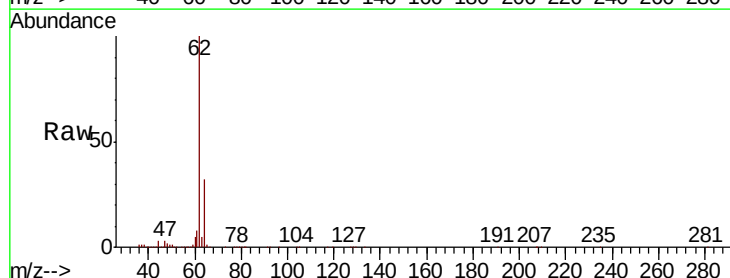
Acq: 10 Sep 2018 17:30

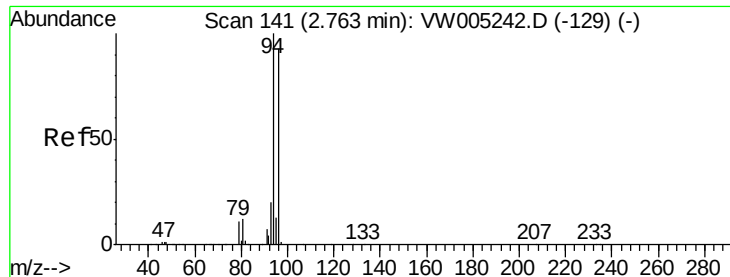
Tgt Ion: 62 Resp: 287672

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0





#5

Bromomethane

Concen: 57.09 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

Tot Ion: 94 Resp: 194674

Ion Ratio Lower Upper

94 100

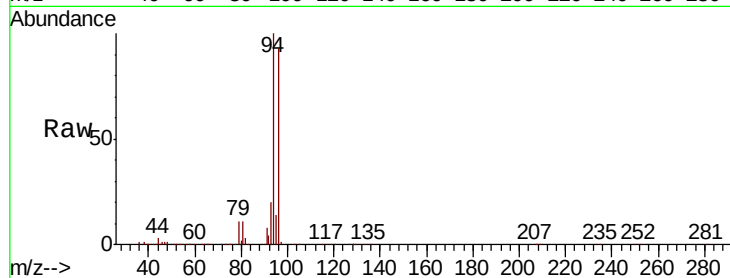
96 93.0 74.1 111.1

Manual Integrations

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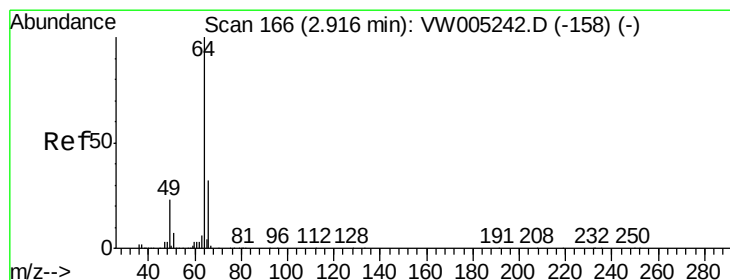
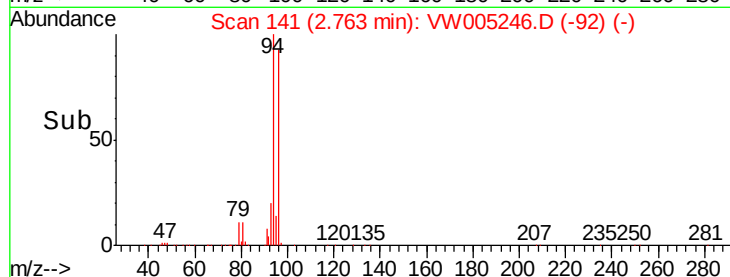
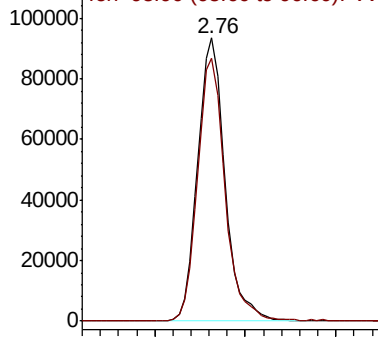
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.64 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005246.D

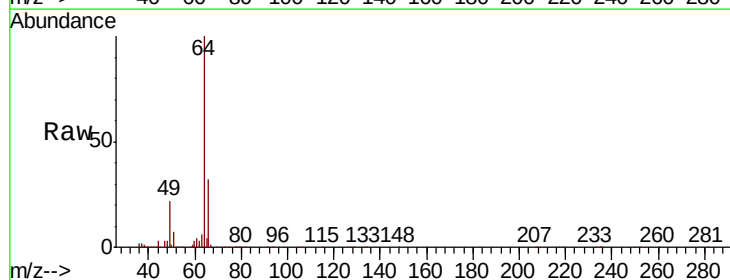
Acq: 10 Sep 2018 17:30

Tgt Ion: 64 Resp: 161108

Ion Ratio Lower Upper

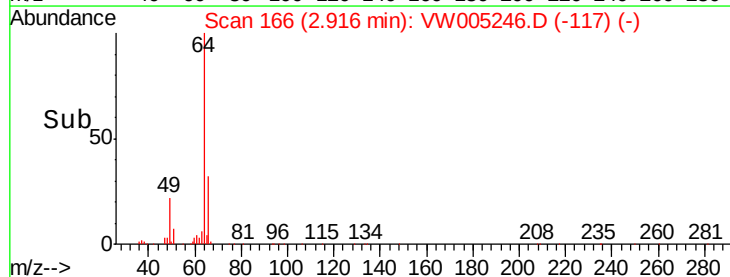
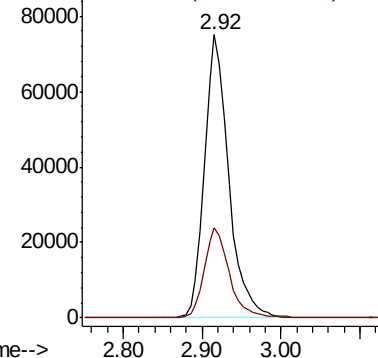
64 100

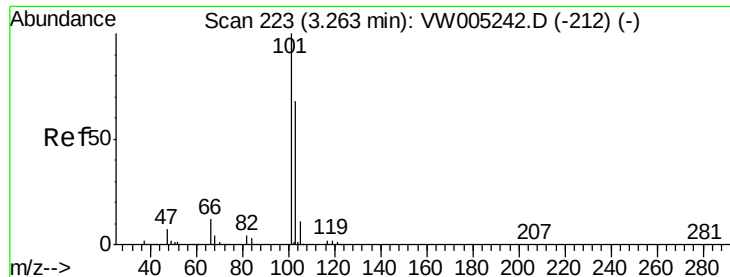
66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

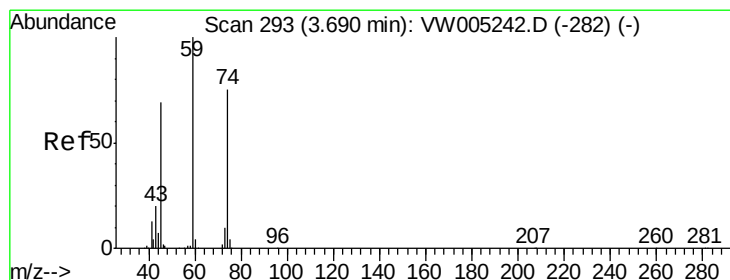
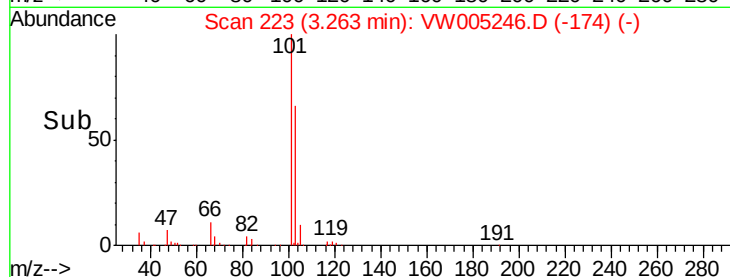
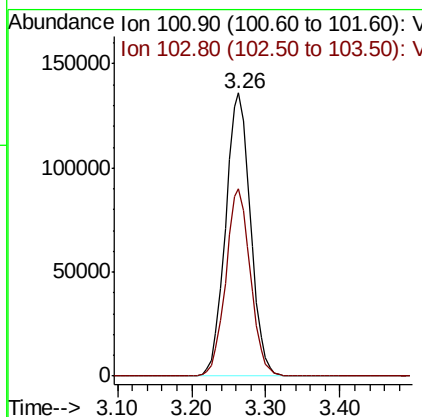
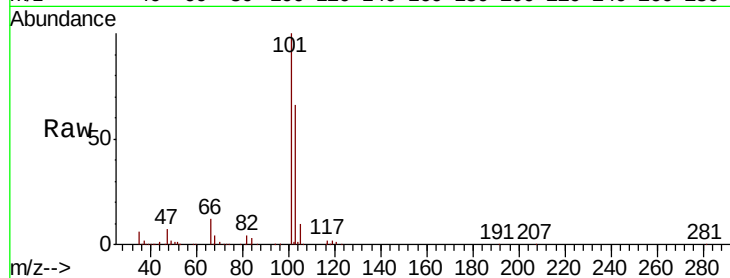
Trichlorofluoromethane
Concen: 49.51 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

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ICVVW091018

Tot Ion	Ratio	Resp	Lower	Upper
101	100	317161		
103	66.0	54.1	81.1	

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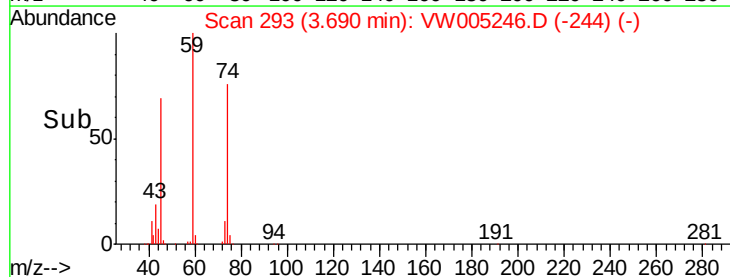
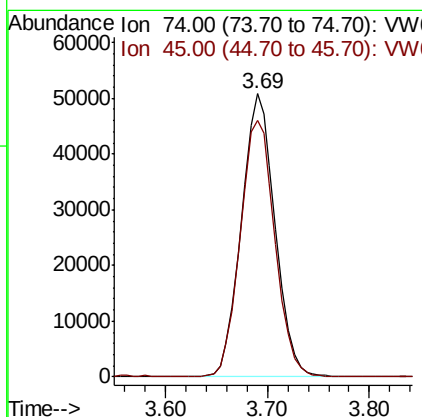
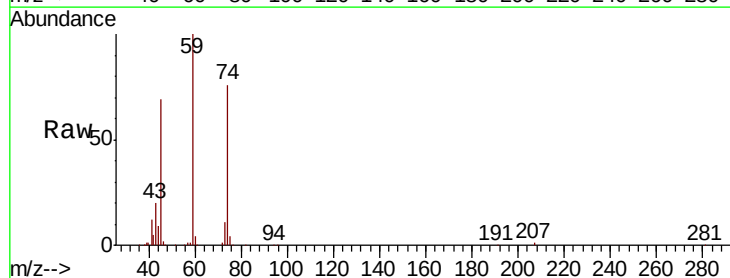
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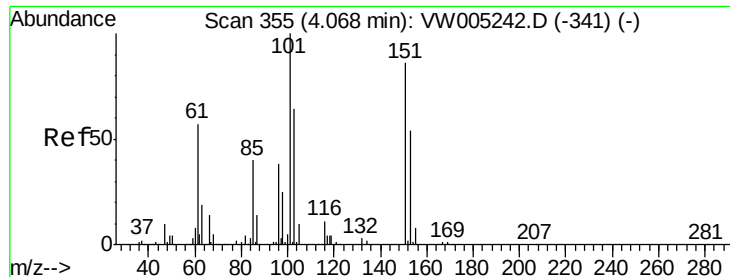


#8

Diethyl Ether
Concen: 50.94 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	116305		
45	93.5	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.22 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

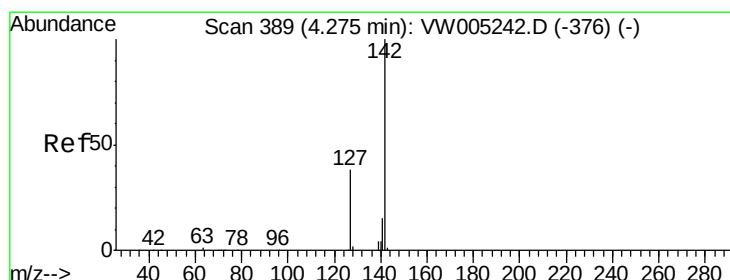
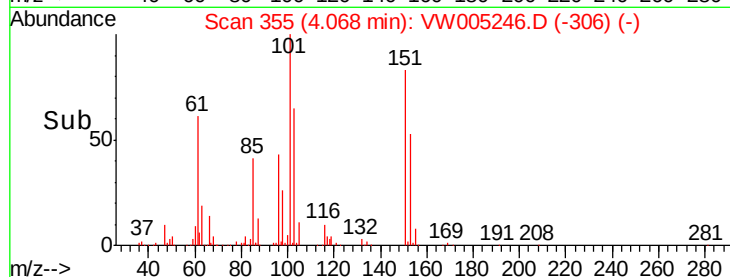
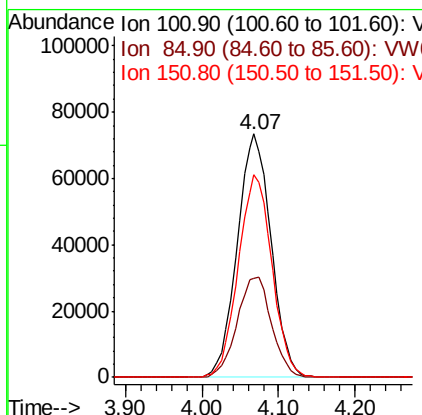
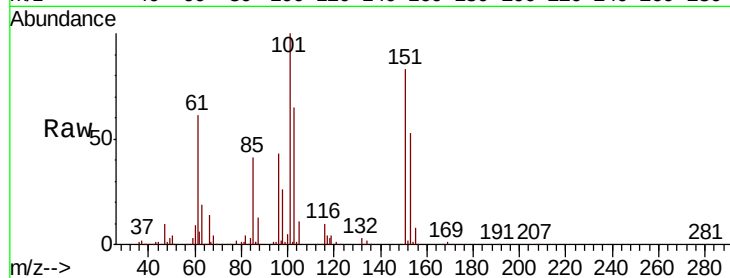
ClientSampleId :

ICVW091018

Tot Ion:	101	Resp:	225206
Ion Ratio	Lower	Upper	
101	100		
85	41.8	32.7	49.1
151	83.1	67.6	101.4

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#10

Methyl Iodide

Concen: 49.01 ug/l

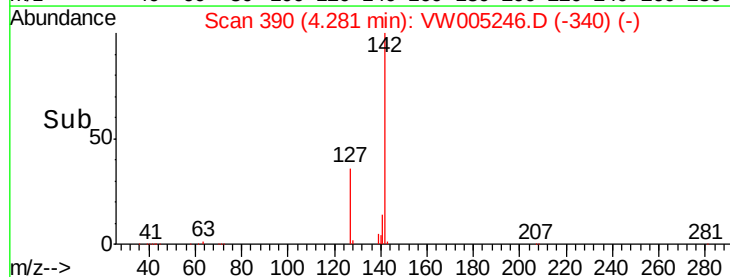
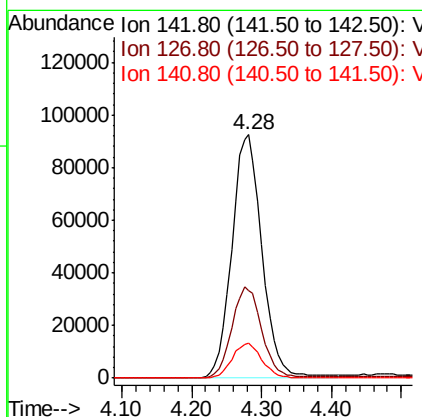
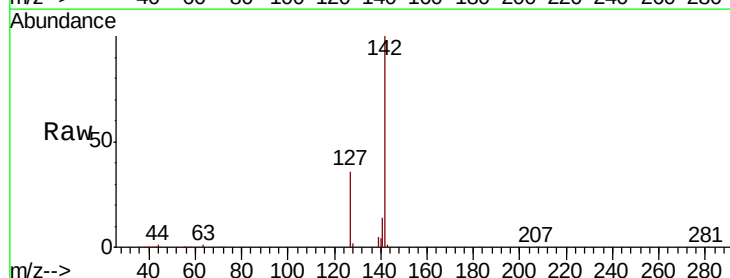
RT: 4.28 min Scan# 390

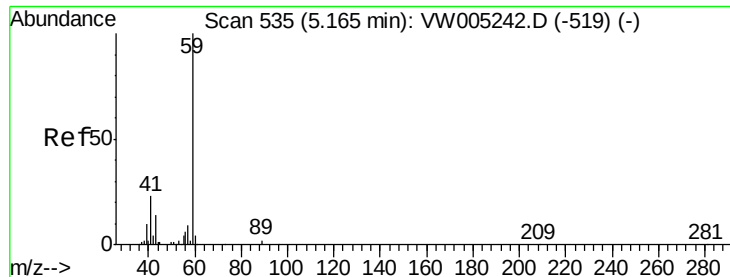
Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	142	Resp:	278325
Ion Ratio	Lower	Upper	
142	100		
127	37.1	30.3	45.5
141	14.1	11.4	17.0





#11

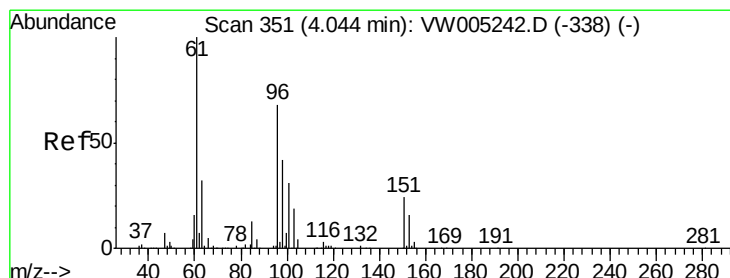
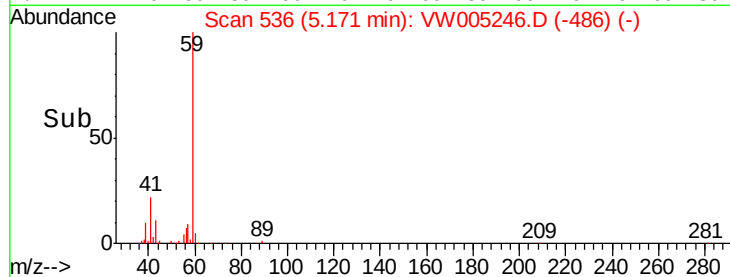
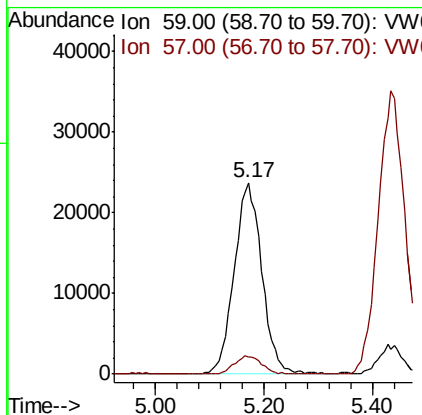
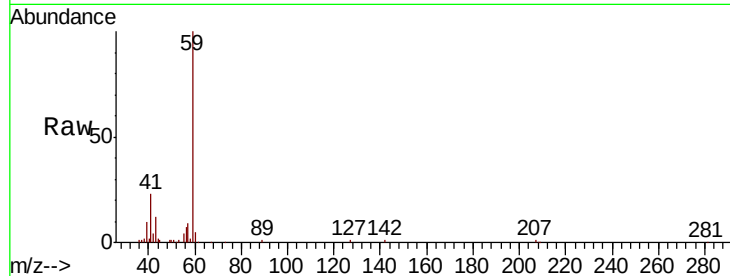
Tert butyl alcohol
Concen: 257.46 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	59	57	Ratio	100	9.7	Resp	84234	Lower	Upper
59	100								
57		9.7						8.1	12.1

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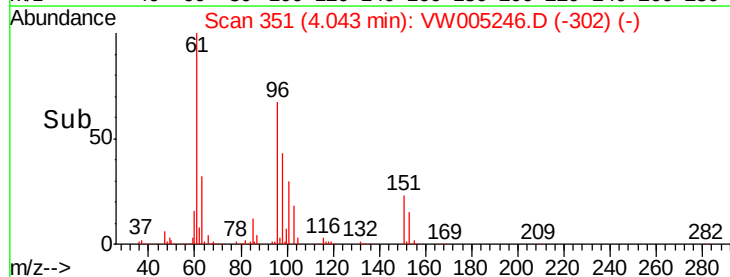
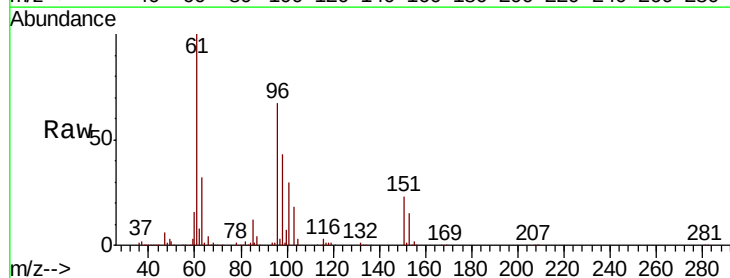
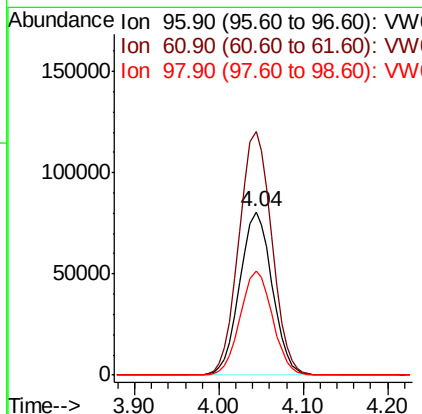
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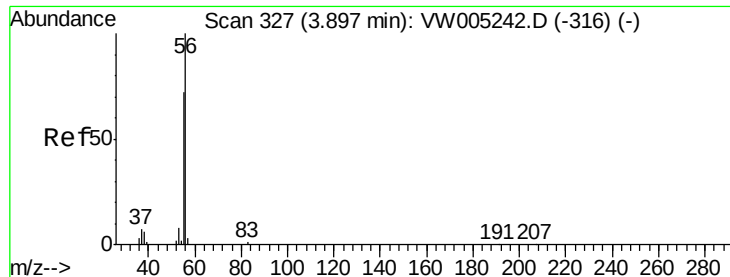


#12

1,1-Dichloroethene
Concen: 49.84 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	96	61	98	Ratio	100	149.2	63.8	Resp	209997	Lower	Upper
96	100										
61		149.2								118.2	177.2
98		63.8								49.9	74.9





#13

Acrolein

Concen: 253.64 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

Tot Ion: 56 Resp: 80160

Ion Ratio Lower Upper

56 100

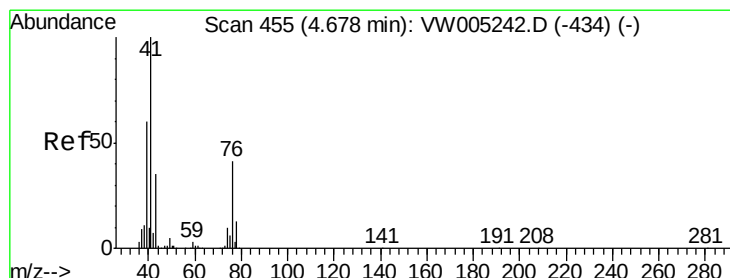
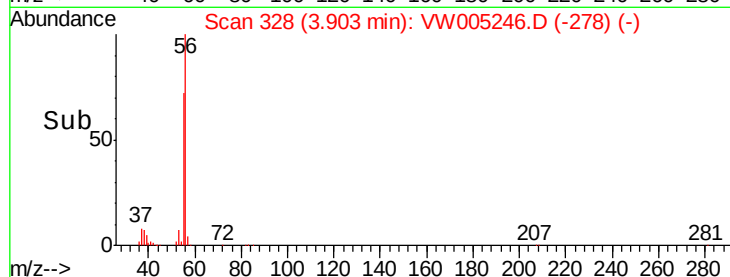
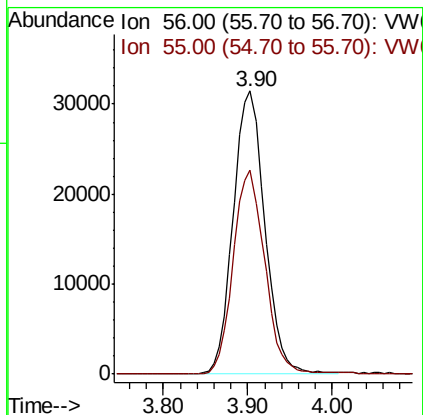
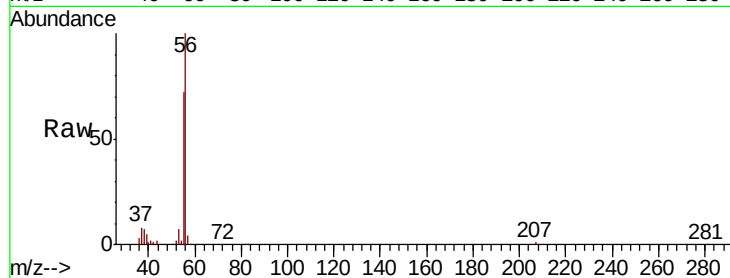
55 71.9 56.8 85.2

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#14

Allyl chloride

Concen: 52.70 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

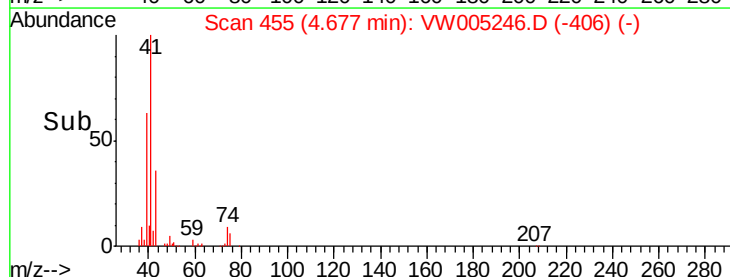
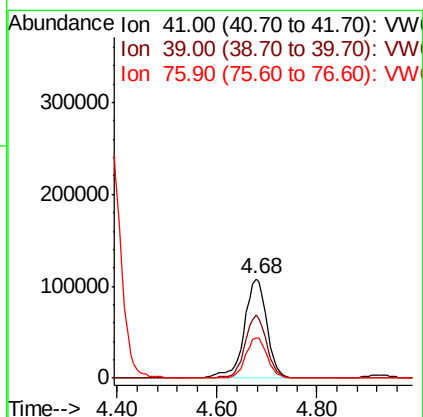
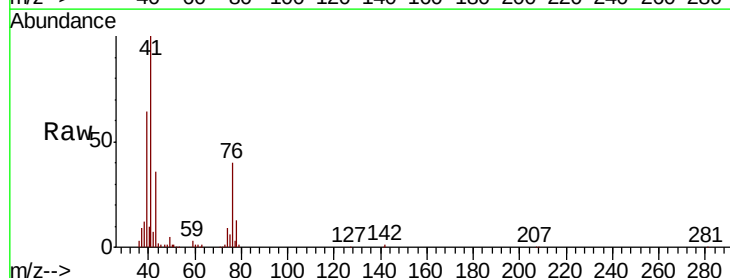
Tgt Ion: 41 Resp: 341160

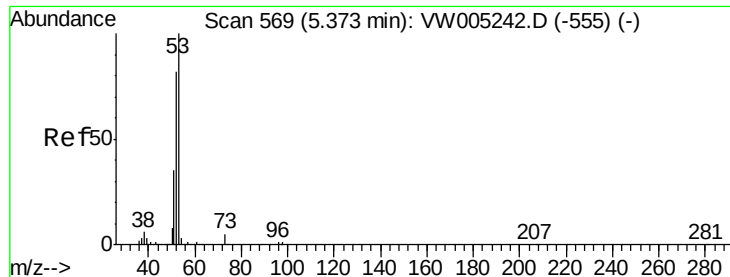
Ion Ratio Lower Upper

41 100

39 60.5 48.2 72.4

76 38.4 31.7 47.5





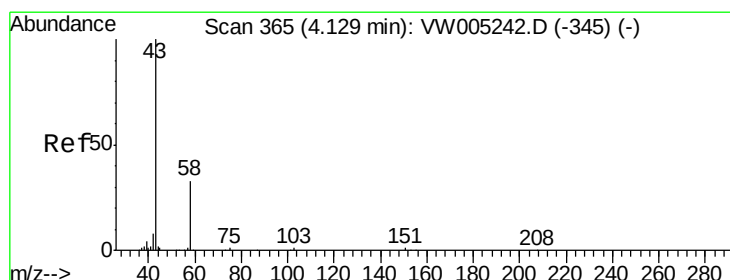
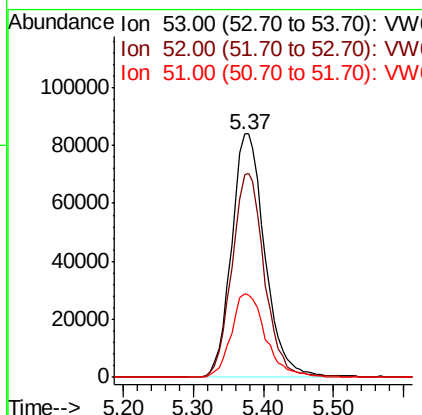
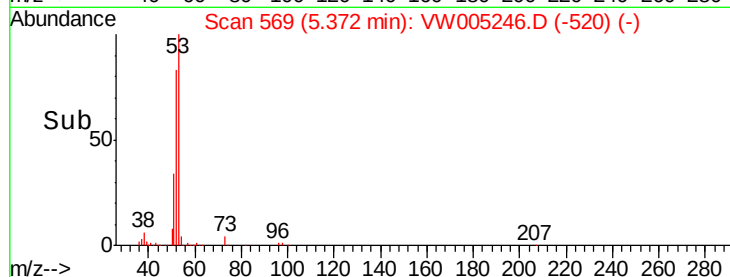
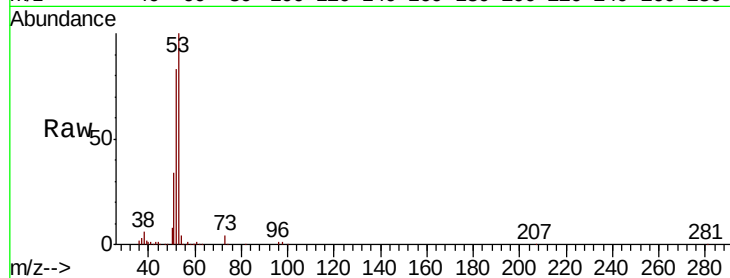
#15
 Acrylonitrile
 Concen: 269.52 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion:	53	Resp:	277620
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	35.4	28.6	43.0

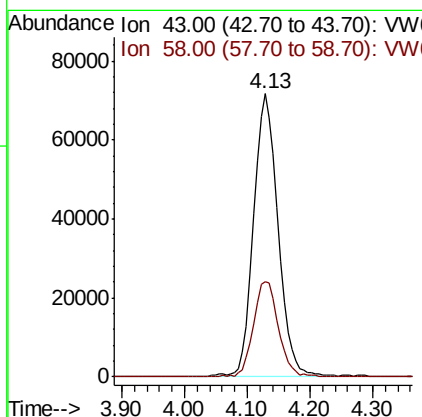
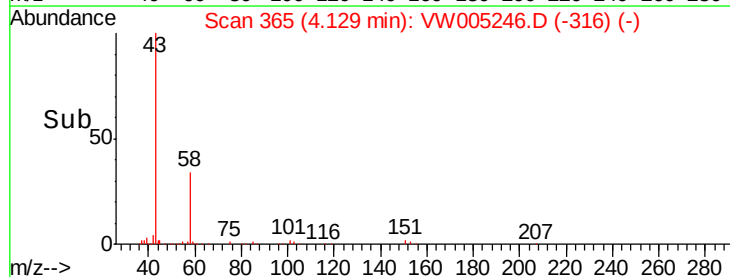
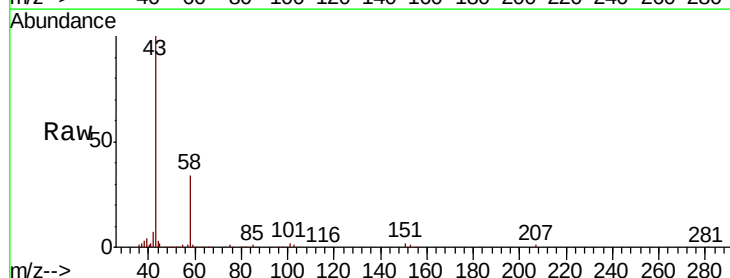
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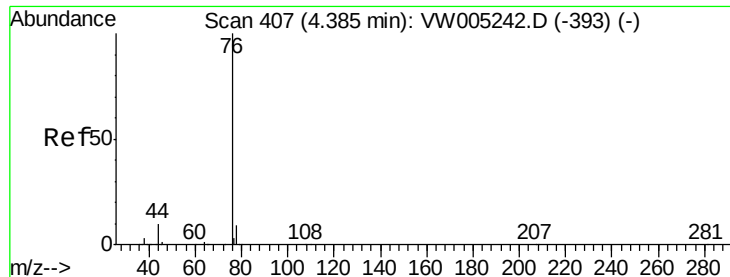
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#16
 Acetone
 Concen: 262.75 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion:	43	Resp:	194573
Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.7	40.1





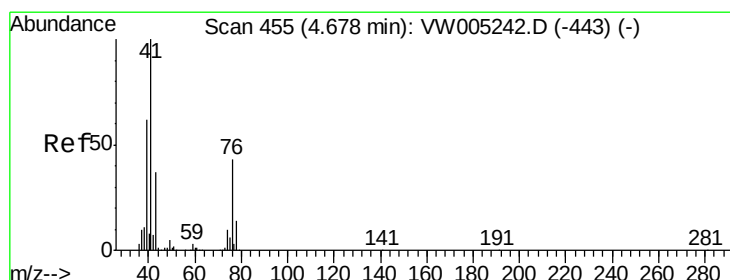
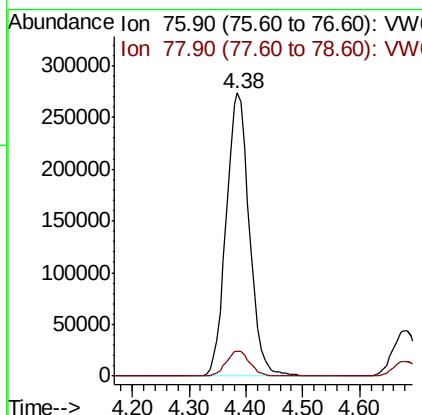
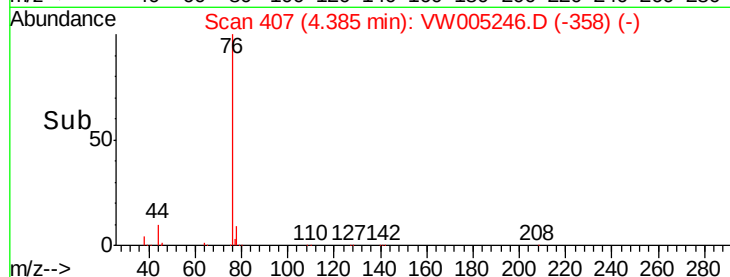
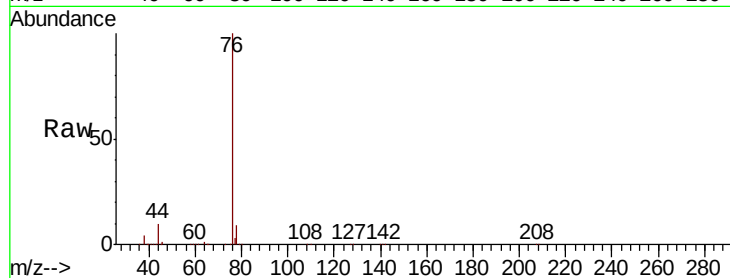
#17
Carbon Disulfide
Concen: 52.54 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

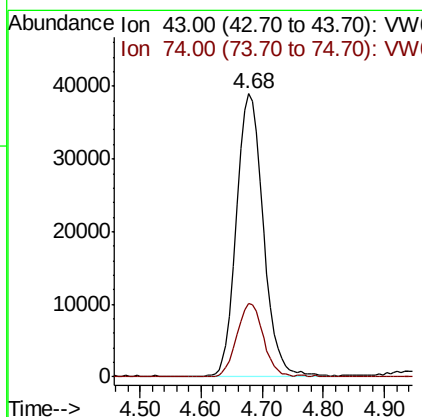
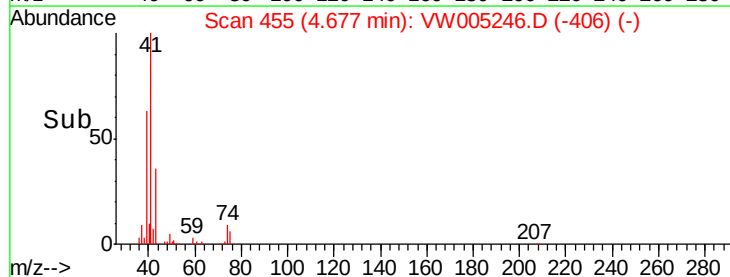
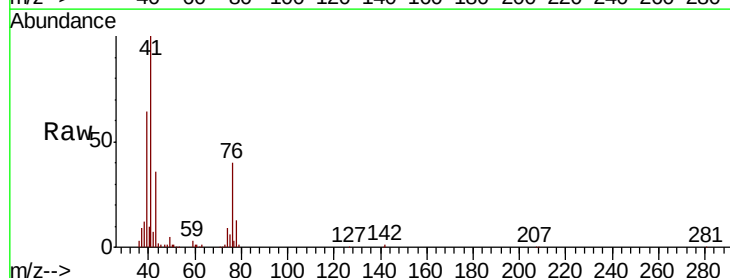
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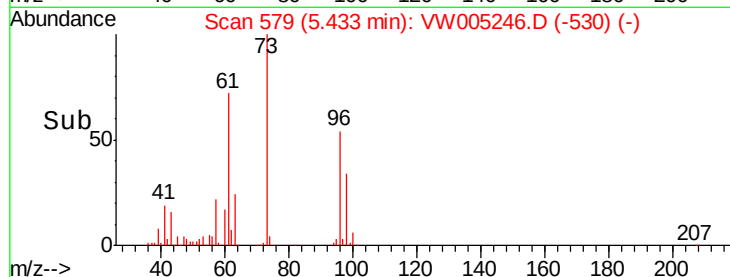
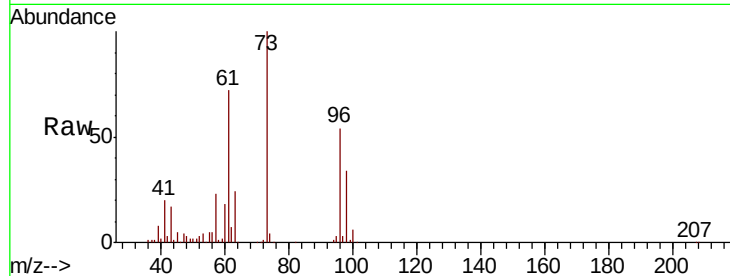
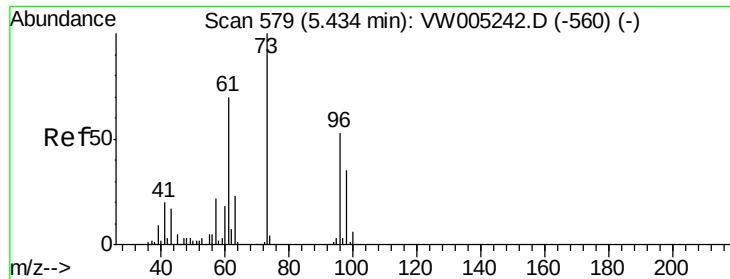
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#18
Methyl Acetate
Concen: 53.77 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	21.4	32.2





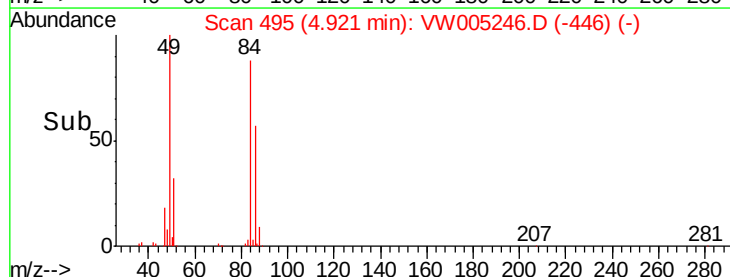
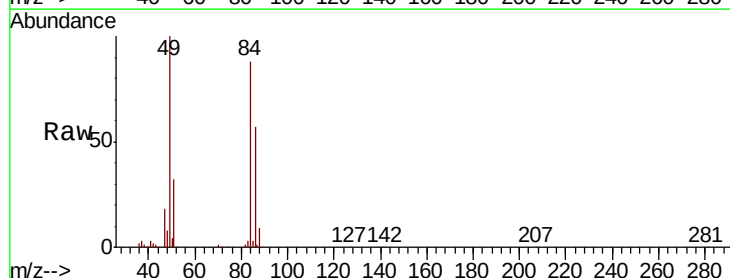
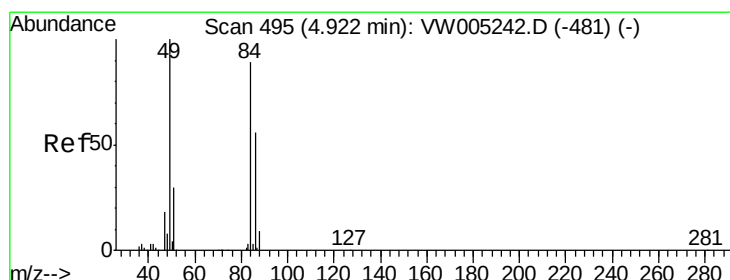
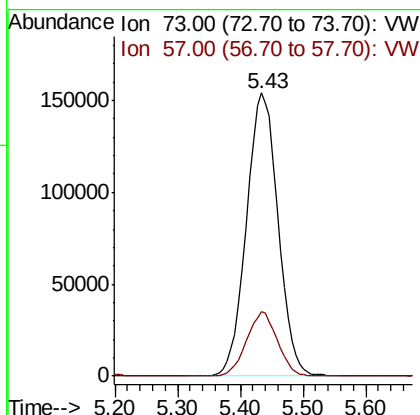
#19
Methyl tert-butyl Ether
Concen: 53.48 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tot Ion: 73 Resp: 536694
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

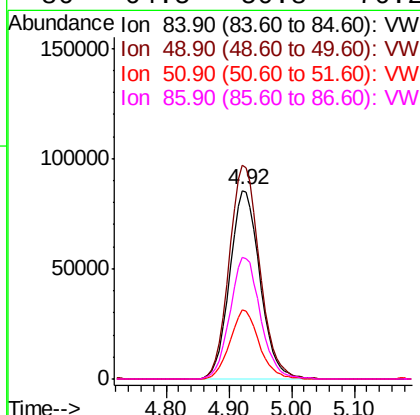
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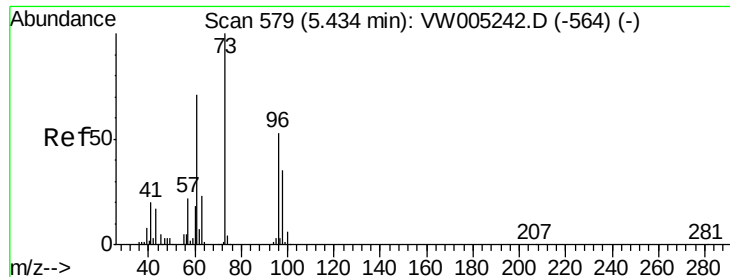
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#20
Methylene Chloride
Concen: 52.14 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 84 Resp: 286177
Ion Ratio Lower Upper
84 100
49 113.1 90.3 135.5
51 36.4 26.9 40.3
86 64.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 50.05 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

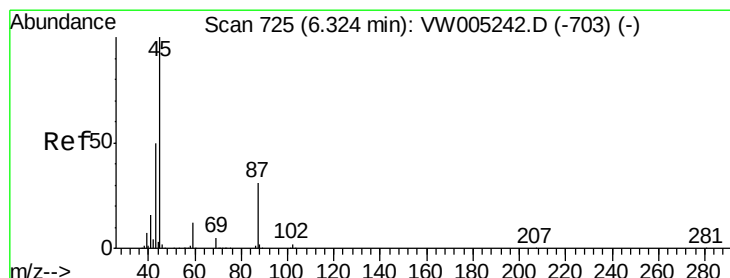
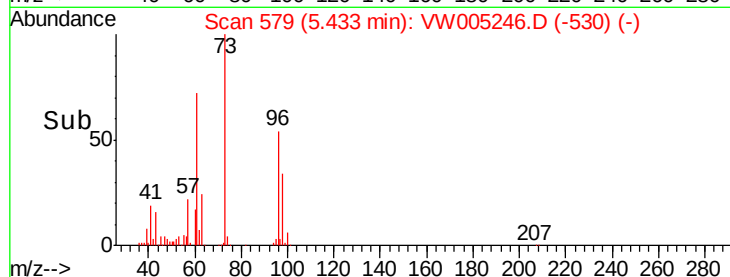
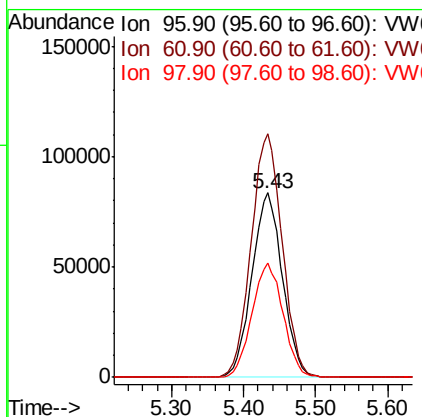
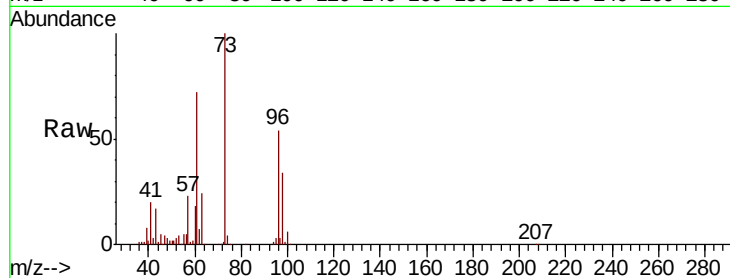
ClientSampleId :

ICVW091018

Tot Ion:	96	Resp:	246213
Ion Ratio	Lower	Upper	
96	100		
61	132.0	105.7	158.5
98	62.0	52.8	79.2

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#22

Diisopropyl ether

Concen: 56.22 ug/l

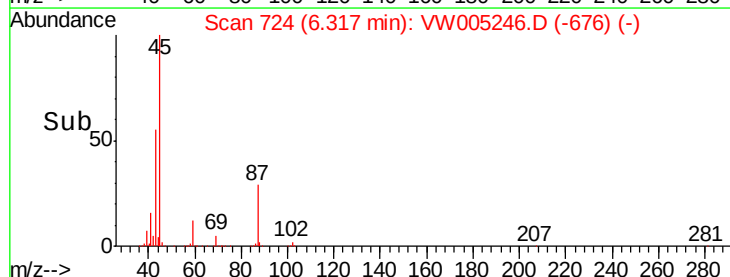
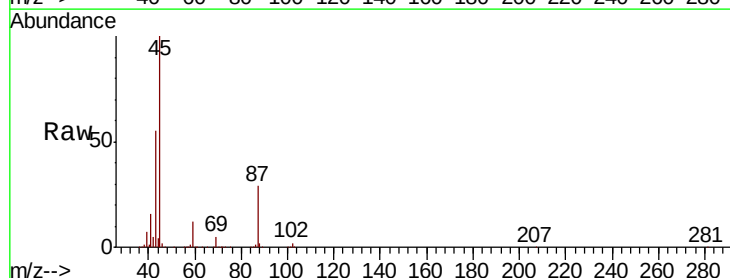
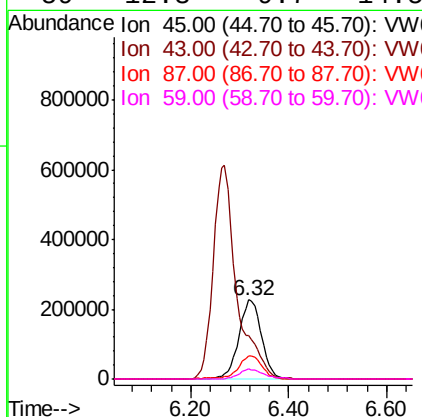
RT: 6.32 min Scan# 724

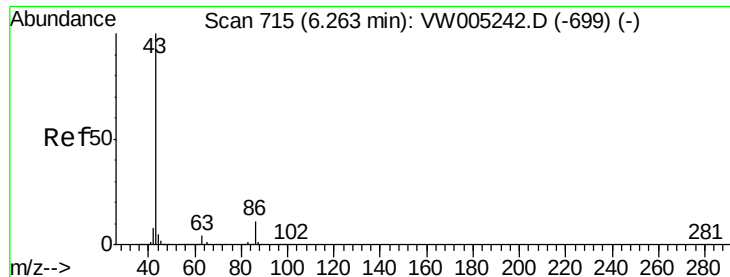
Delta R.T. -0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	45	Resp:	732726
Ion Ratio	Lower	Upper	
45	100		
43	54.8	39.6	59.4
87	28.8	24.7	37.1
59	12.3	9.7	14.5





#23

Vinyl Acetate

Concen: 278.99 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tot Ion: 43 Resp: 2026448

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3

Instrument :

MSVOA_W

ClientSampled :

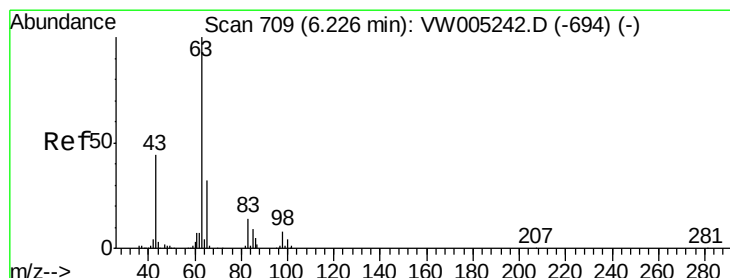
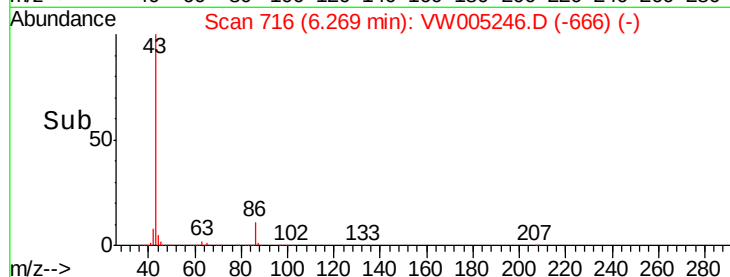
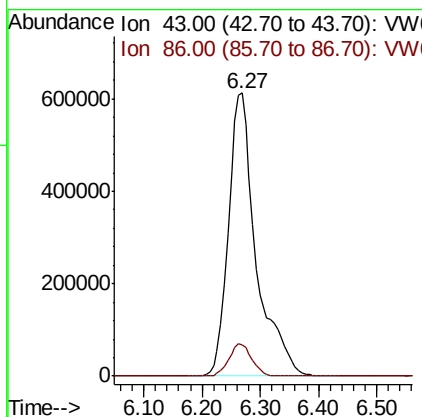
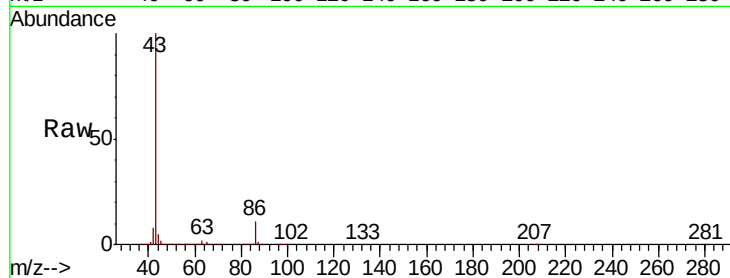
ICVW091018

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#24

1,1-Dichloroethane

Concen: 51.91 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

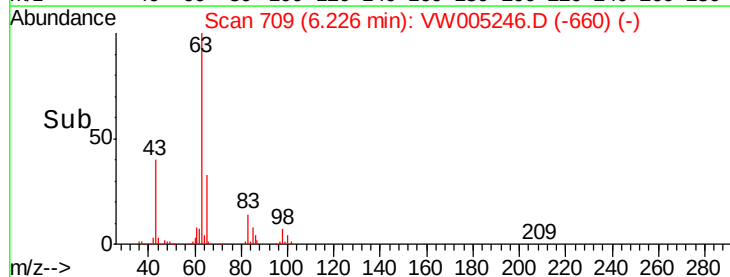
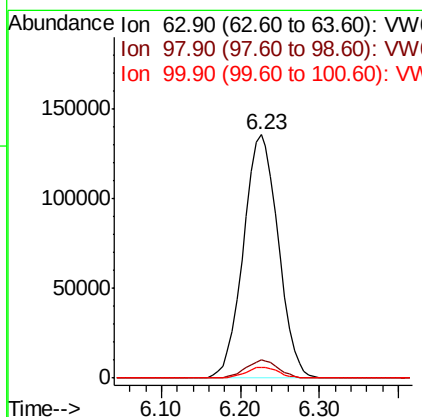
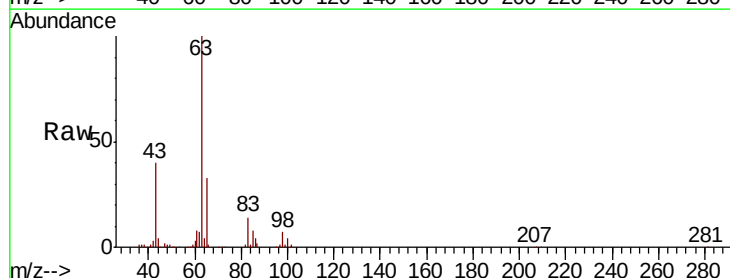
Tgt Ion: 63 Resp: 416502

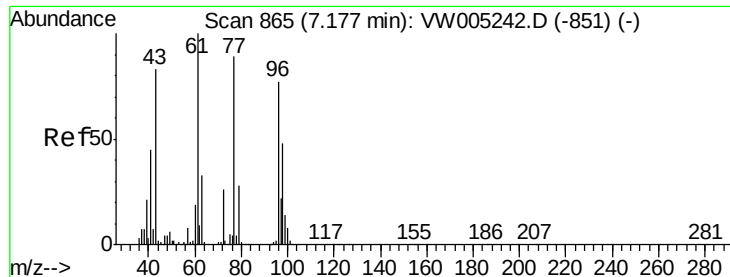
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 271.26 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampled :

ICVW091018

Tot Ion: 43 Resp: 316850

Ion Ratio Lower Upper

43 100

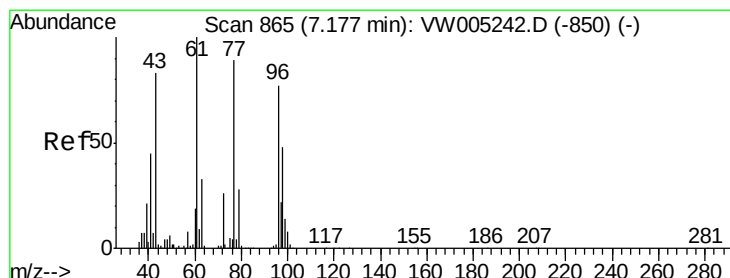
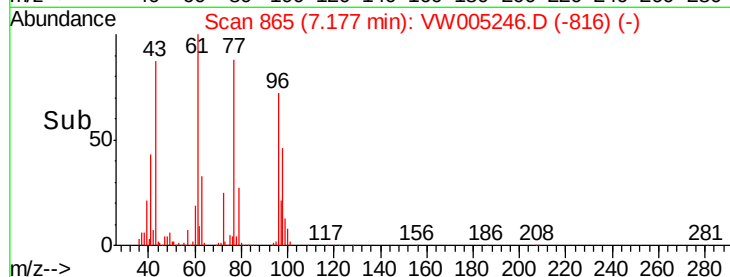
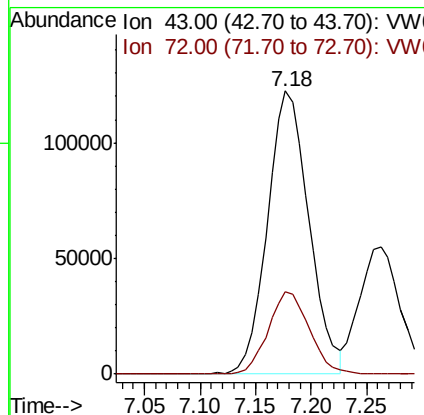
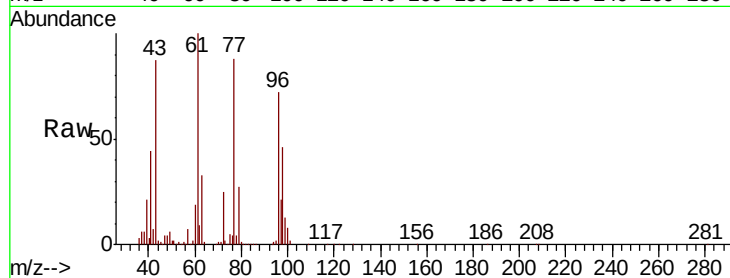
72 29.1 25.0 37.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.44 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005246.D

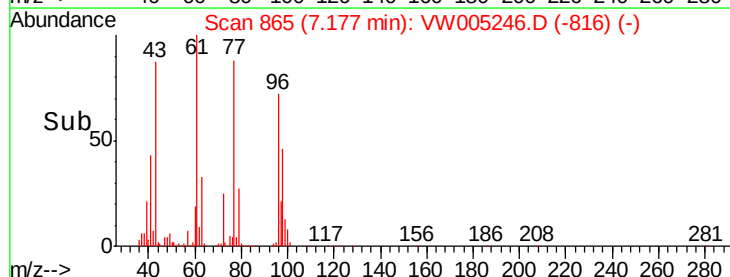
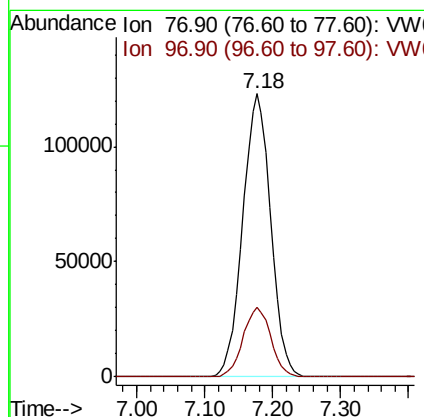
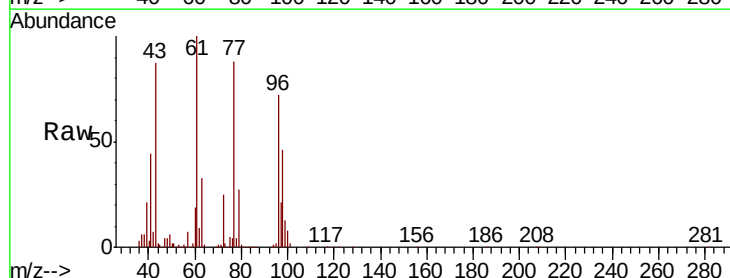
Acq: 10 Sep 2018 17:30

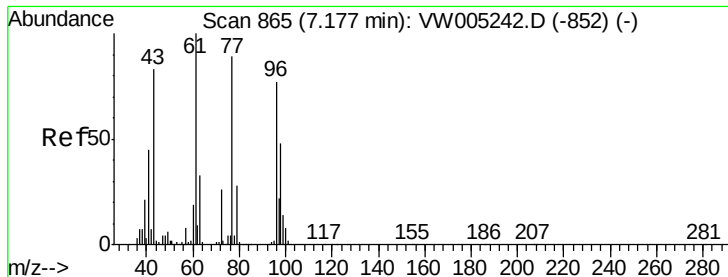
Tgt Ion: 77 Resp: 350892

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6





#27

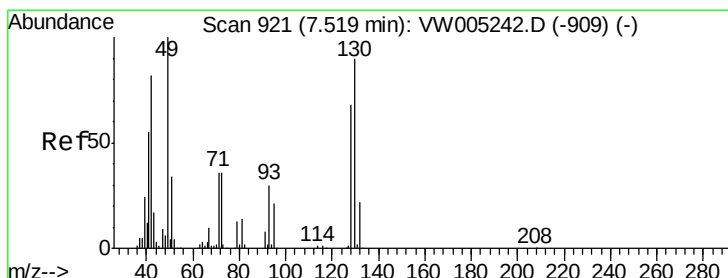
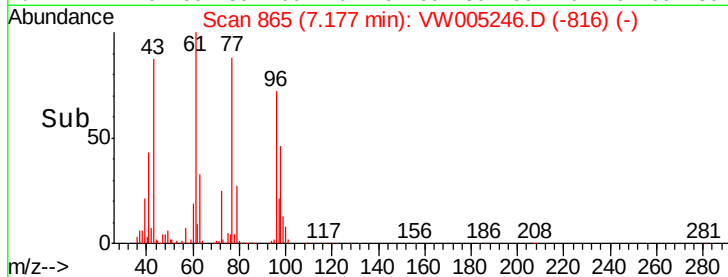
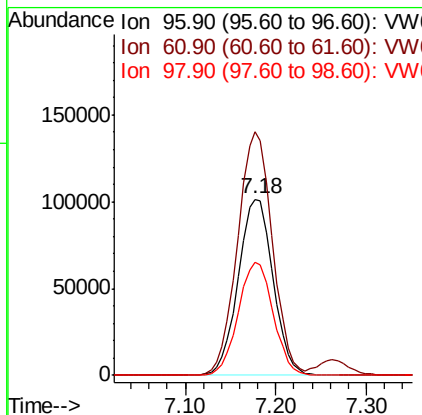
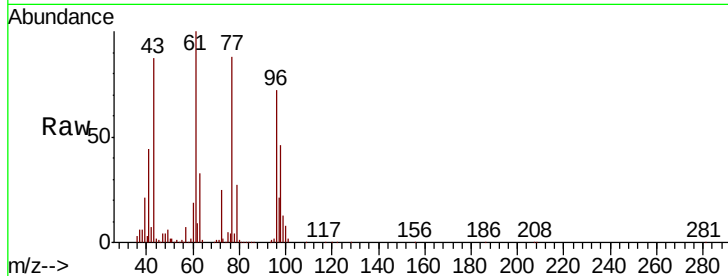
cis-1,2-Dichloroethene
 Concen: 51.36 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion	Ratio	Resp	Lower	Upper
96	100	270404		
61	138.2	0.0	273.4	
98	64.3	0.0	127.8	

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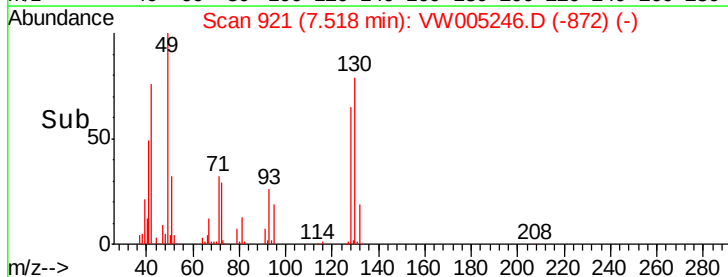
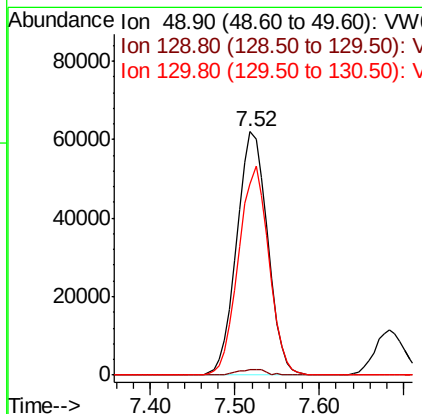
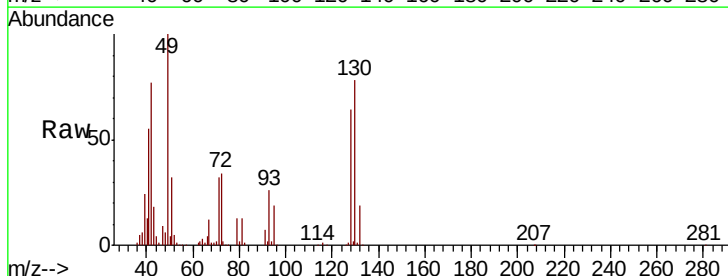
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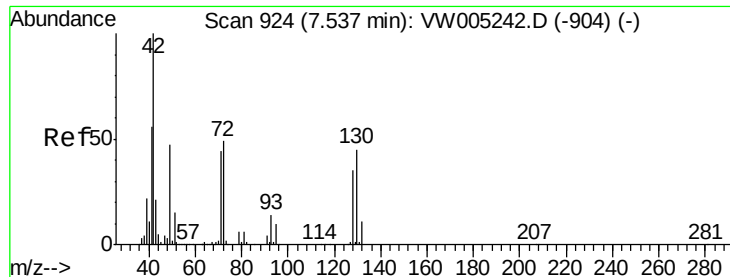


#28

Bromochloromethane
 Concen: 51.86 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153485		
129	2.2	0.0	2.0#	
130	84.5	71.2	106.8	





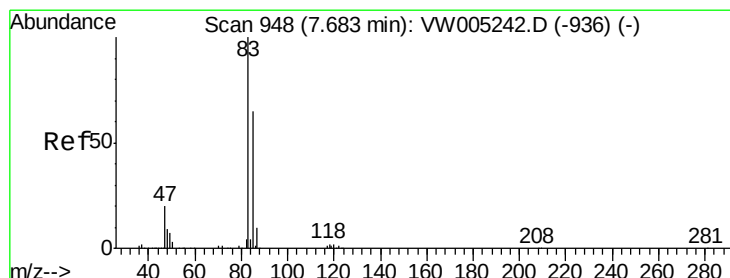
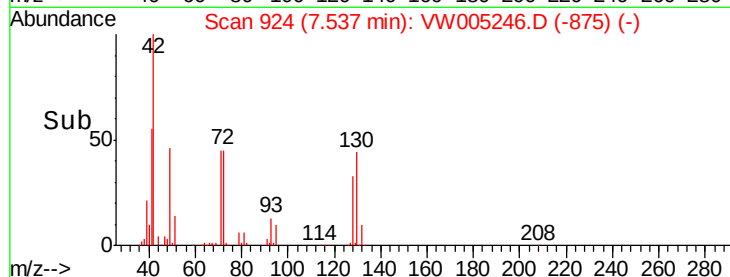
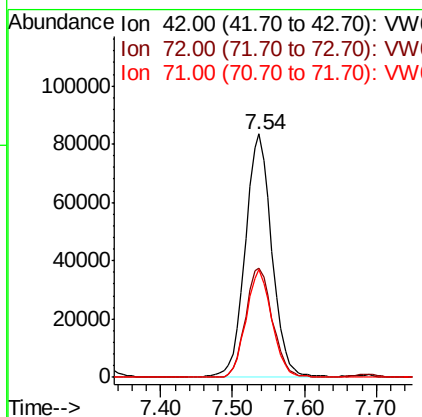
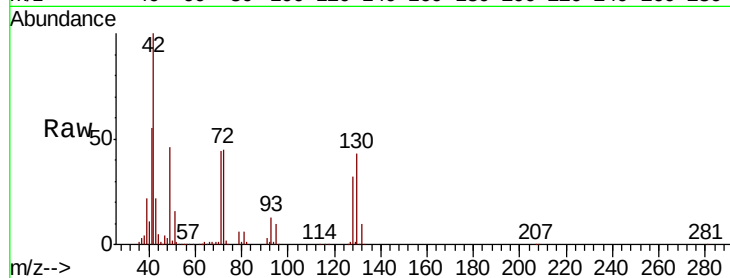
#29
Tetrahydrofuran
Concen: 271.13 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampled :
ICVW091018

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.5	56.3
71	43.0	34.8	52.2

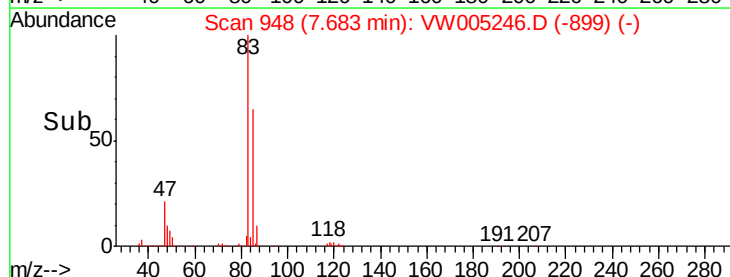
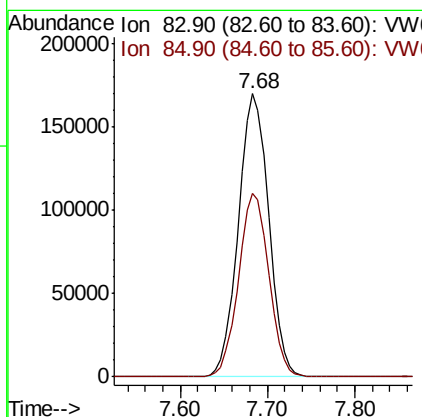
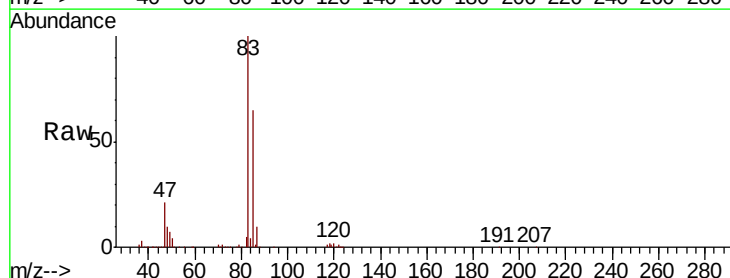
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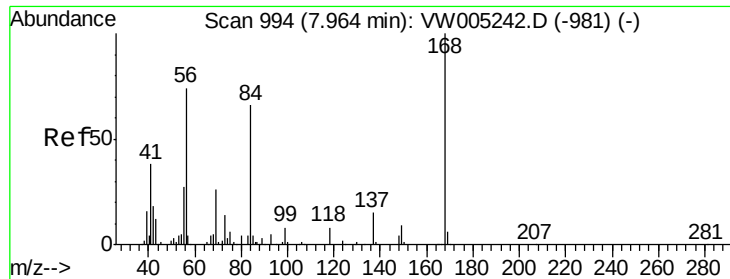
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#30
Chloroform
Concen: 50.94 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.7	77.5





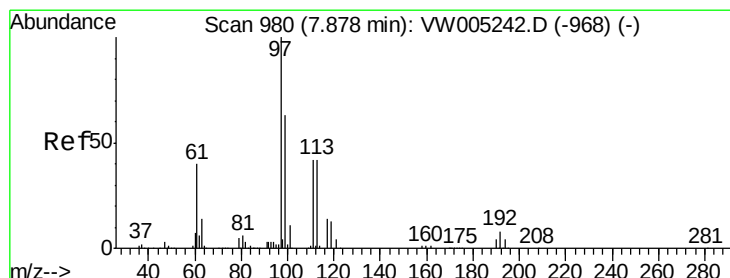
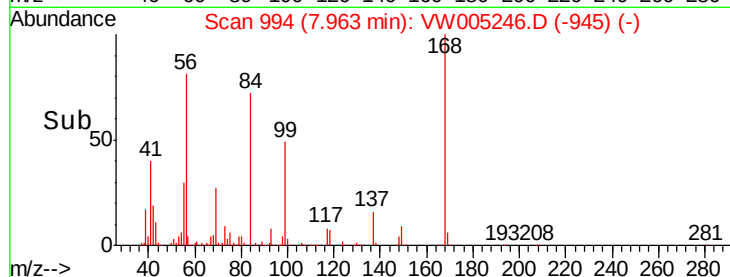
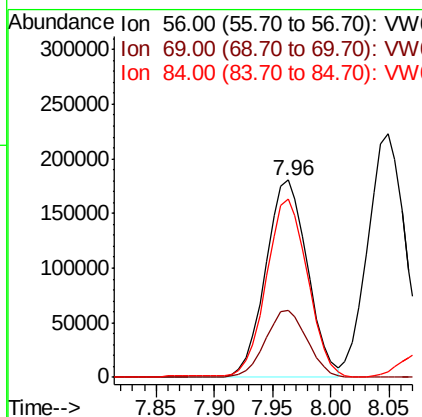
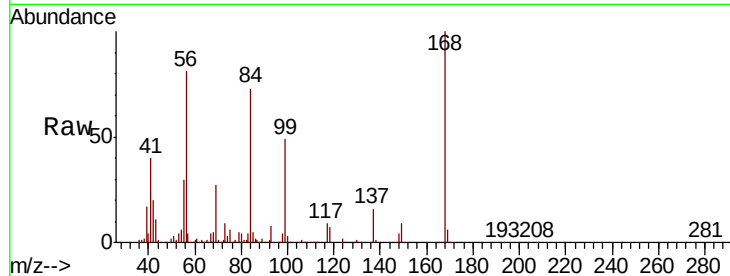
#31
Cyclohexane
Concen: 52.75 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampled :
ICVW091018

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.8	41.8
84	89.5	72.1	108.1

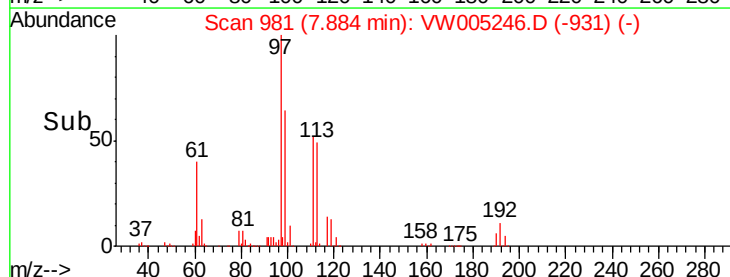
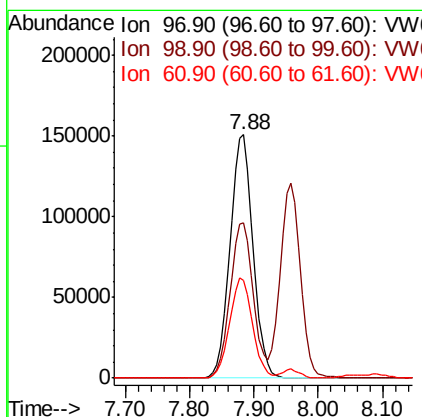
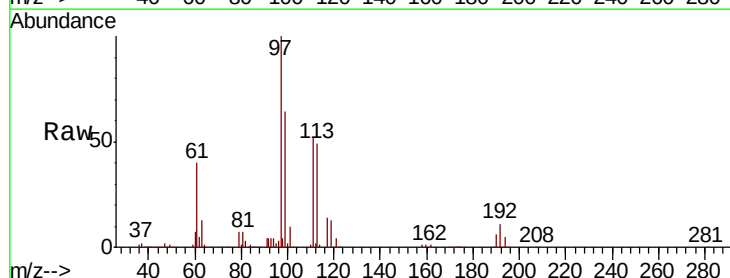
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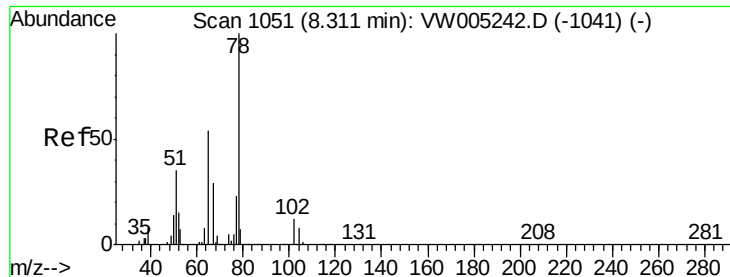
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#32
1,1,1-Trichloroethane
Concen: 51.89 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.5	77.3
61	41.1	32.5	48.7





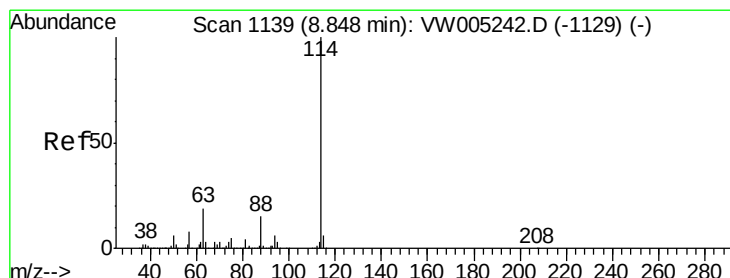
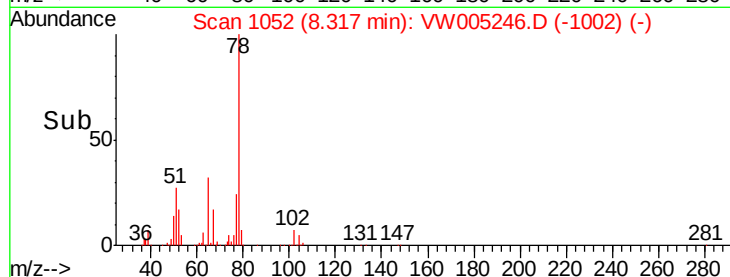
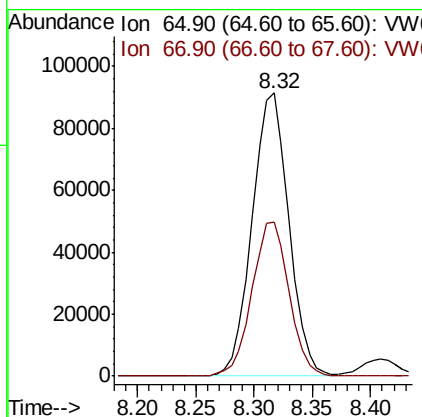
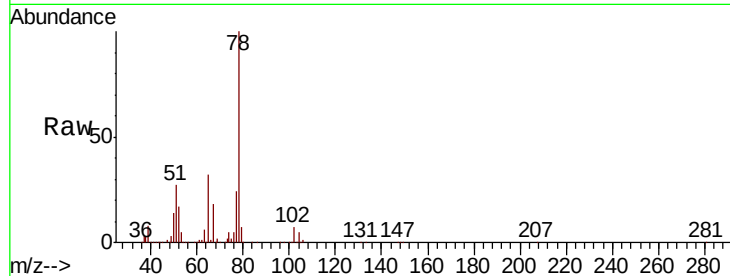
#33
 1,2-Dichloroethane-d4
 Concen: 50.50 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW091018

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201457		
67	54.9	0.0	112.2	

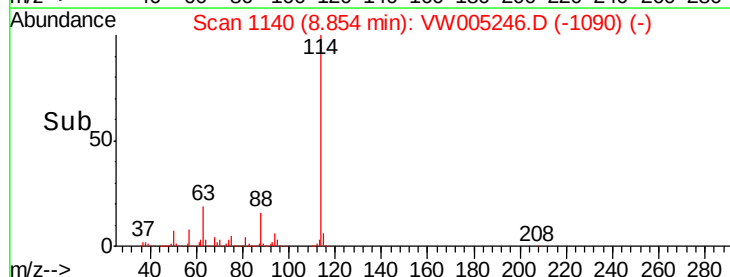
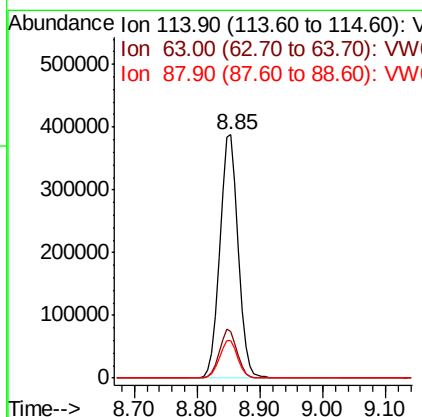
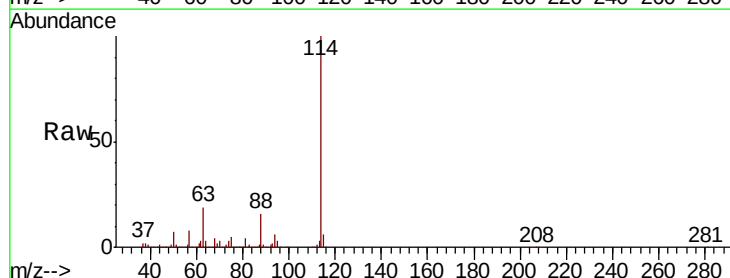
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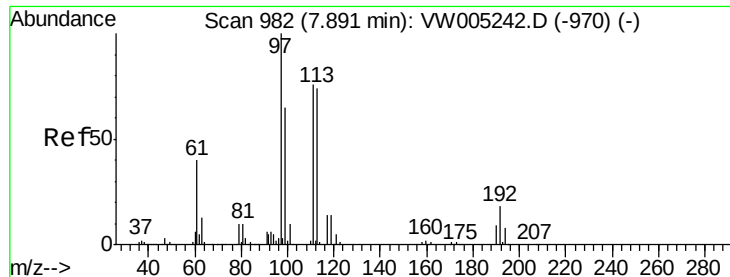
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	781088		
63	19.0	0.0	37.0	
88	15.6	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

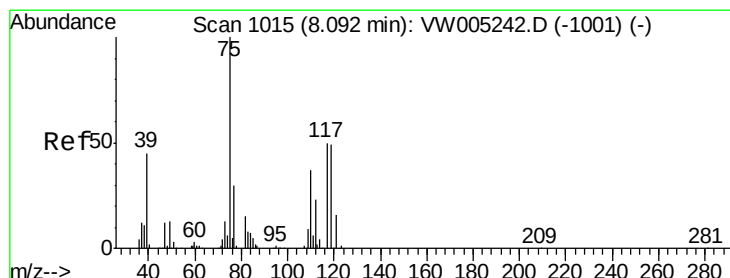
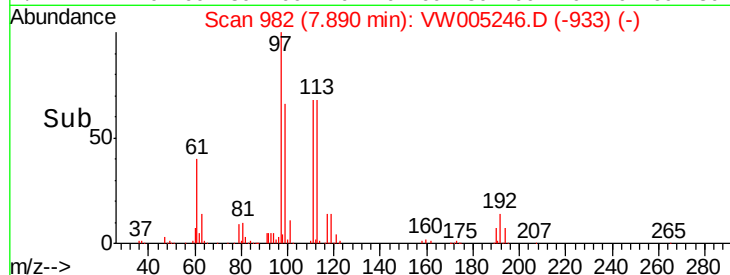
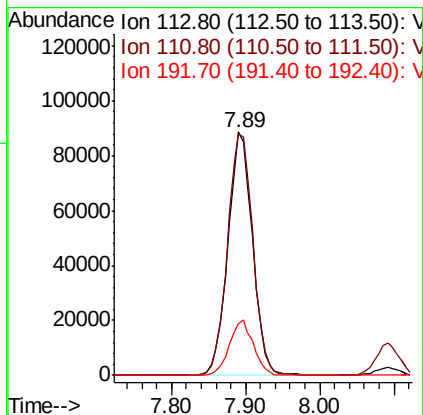
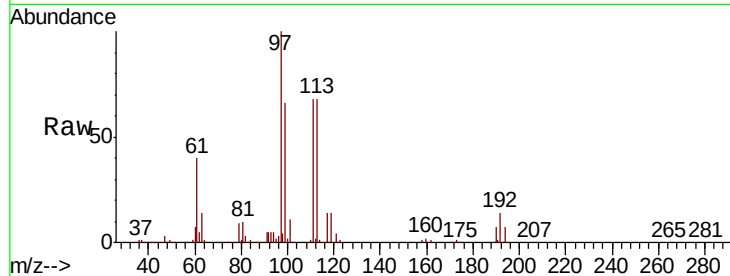
ClientSampleId :

ICVW091018

Tot Ion:	113	Resp:	204343
Ion Ratio	Lower	Upper	
113	100		
111	102.8	80.6	121.0
192	22.1	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 52.10 ug/l

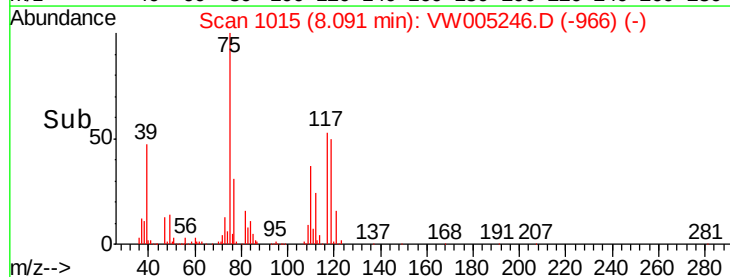
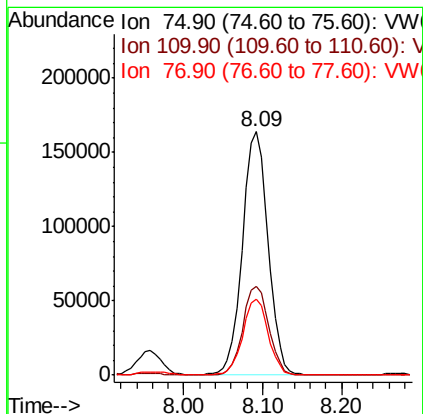
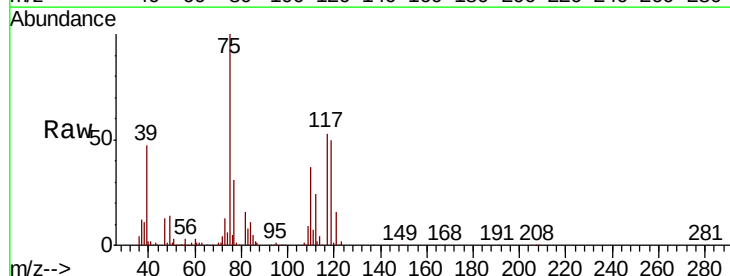
RT: 8.09 min Scan# 1015

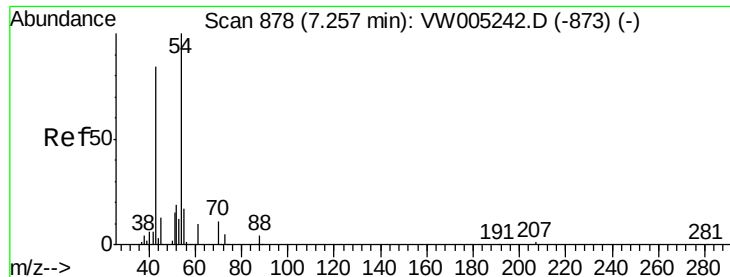
Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	75	Resp:	372855
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.8	56.4
77	31.3	24.9	37.3





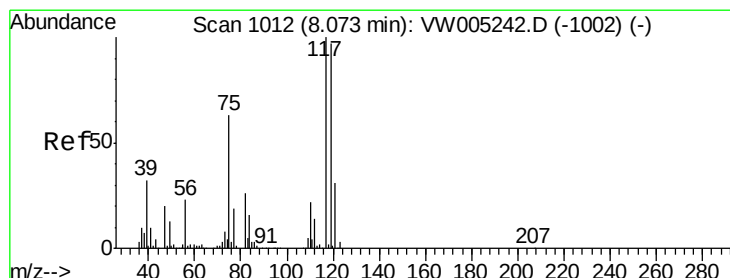
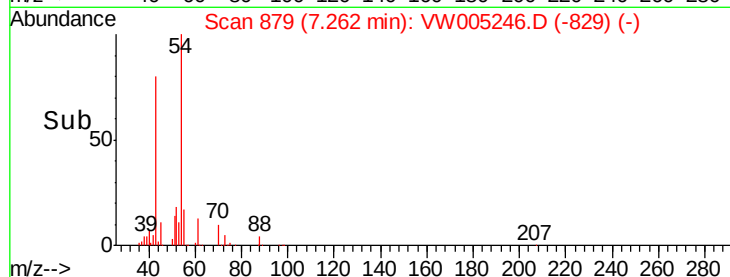
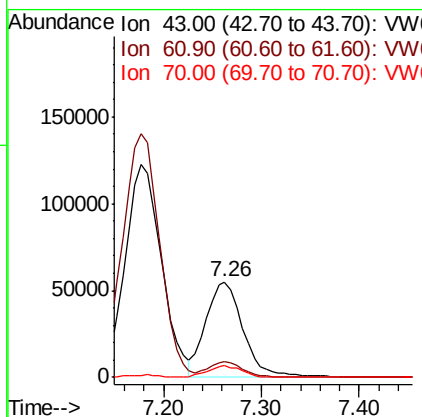
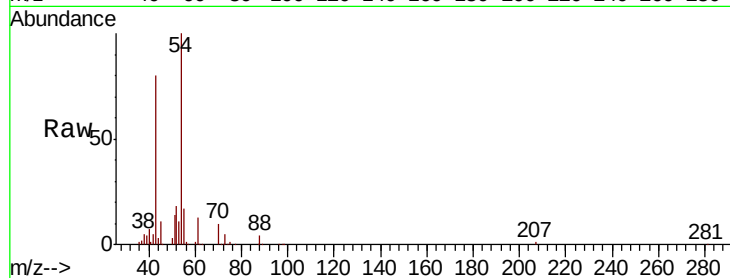
#37
Ethyl Acetate
Concen: 52.42 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampled :
ICVW091018

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.3	18.5
70	11.6	9.5	14.3

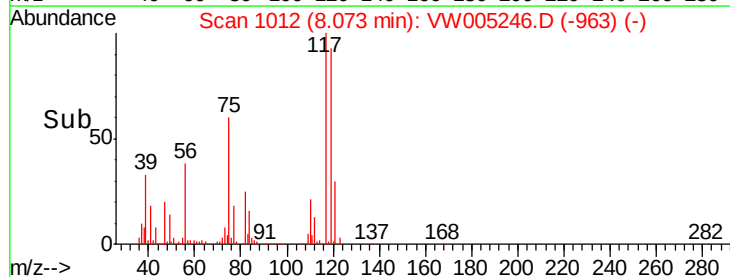
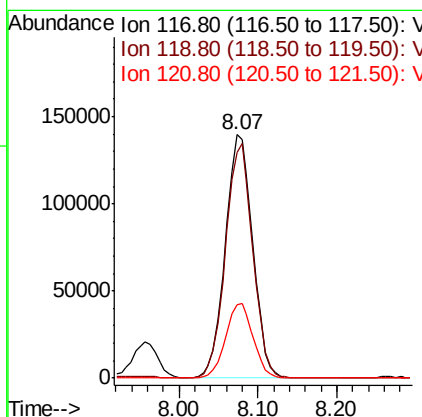
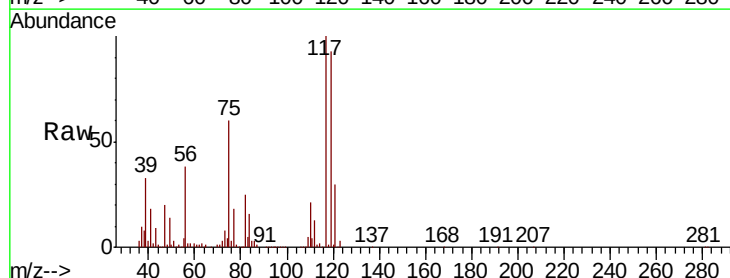
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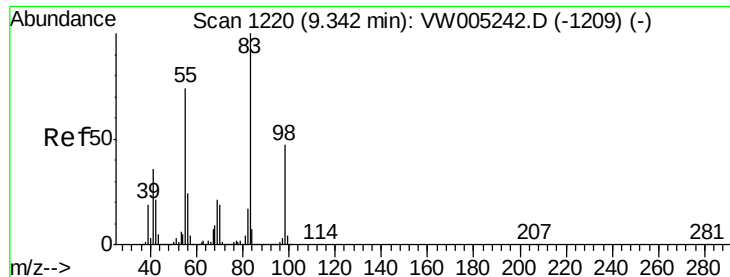
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#38
Carbon Tetrachloride
Concen: 50.29 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.5	116.3
121	29.9	24.7	37.1





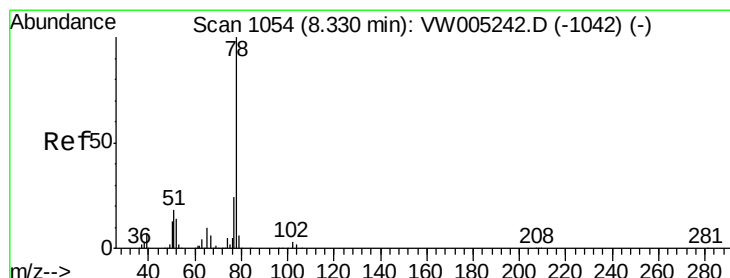
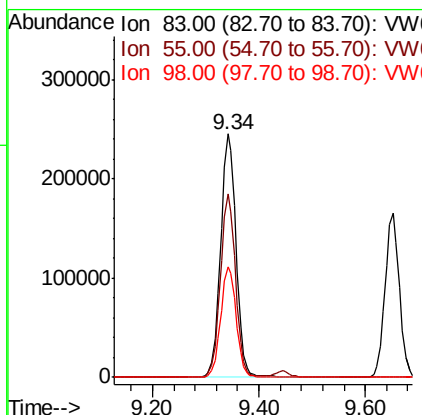
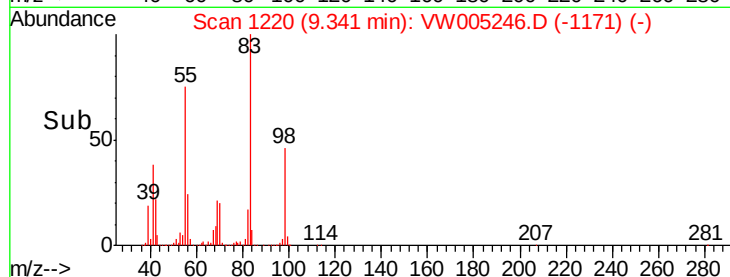
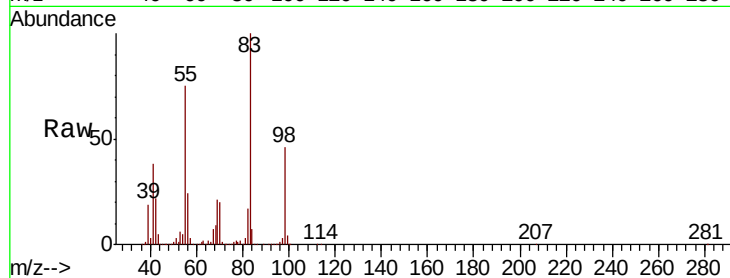
#39
Methylvlcyclohexane
Concen: 52.55 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	58.9	88.3
98	45.6	37.6	56.4

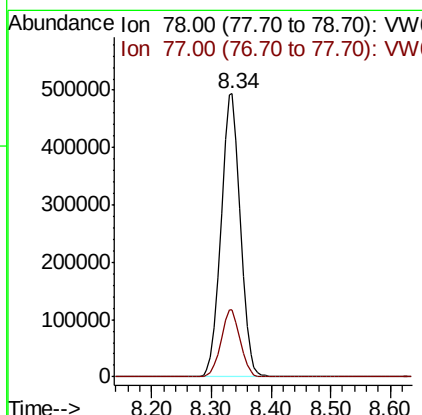
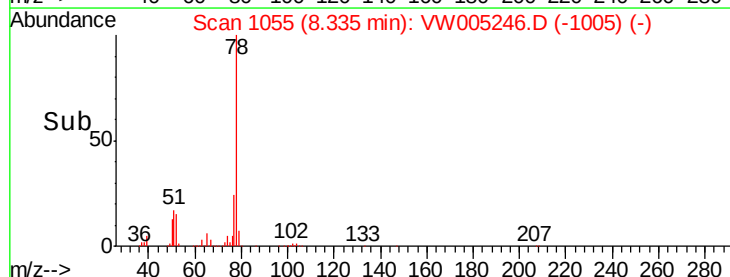
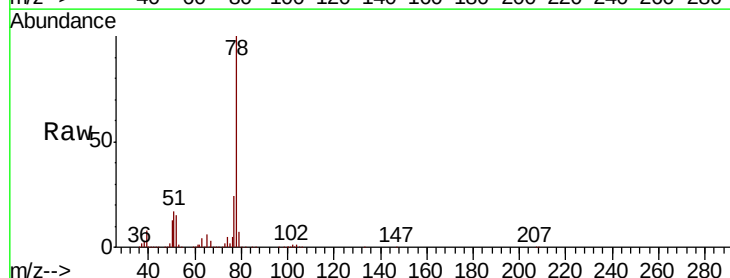
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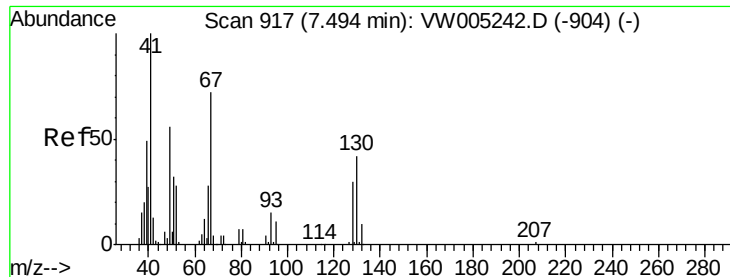
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#40
Benzene
Concen: 52.71 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





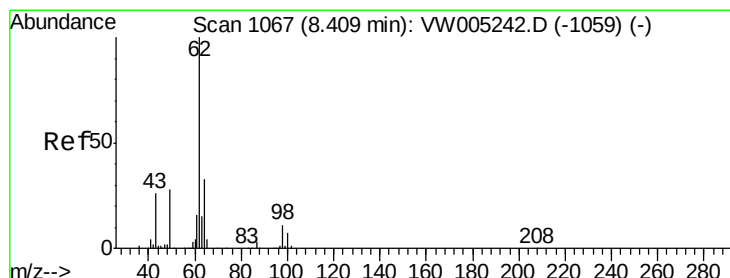
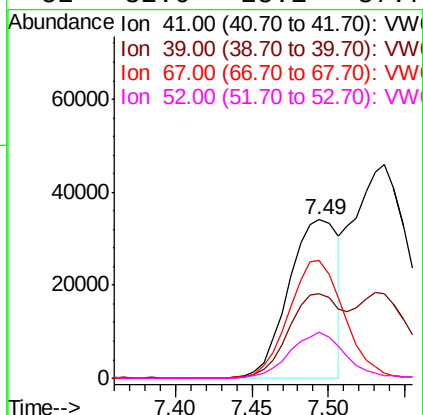
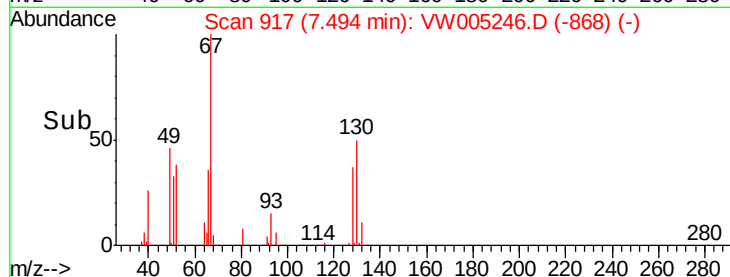
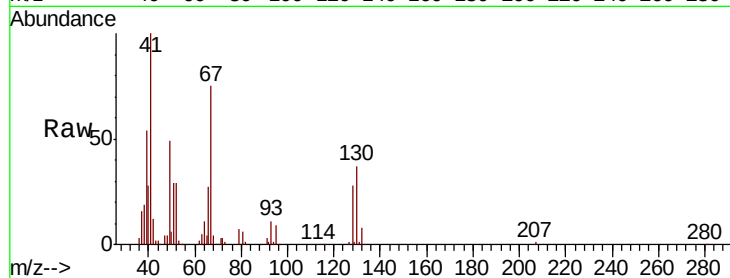
#41
Methacrylonitrile
Concen: 54.91 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.8	39.9	59.9
67	83.9	65.7	98.5
52	32.0	25.1	37.7

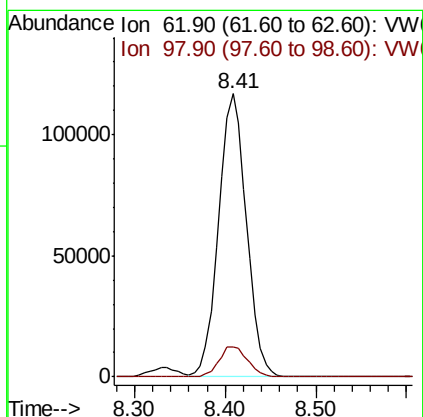
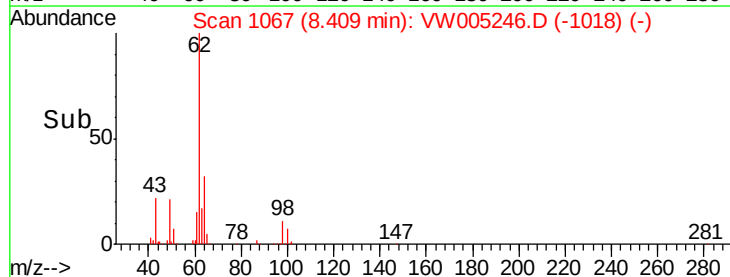
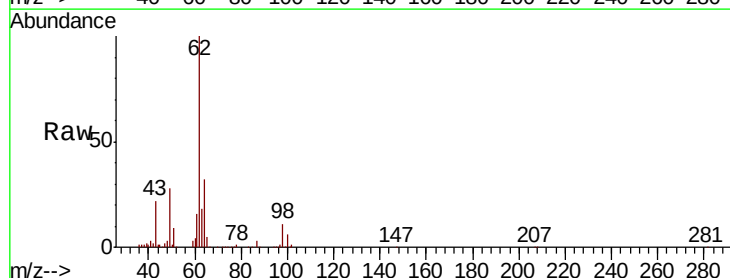
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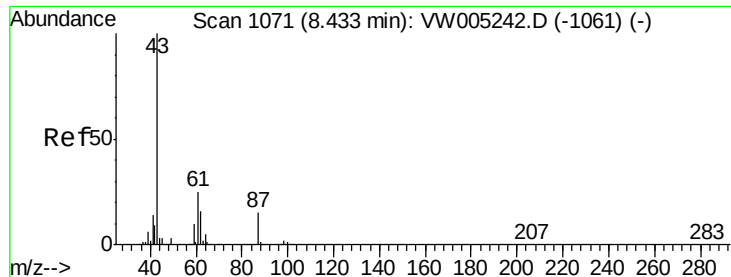
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#42
1,2-Dichloroethane
Concen: 49.68 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 54.37 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

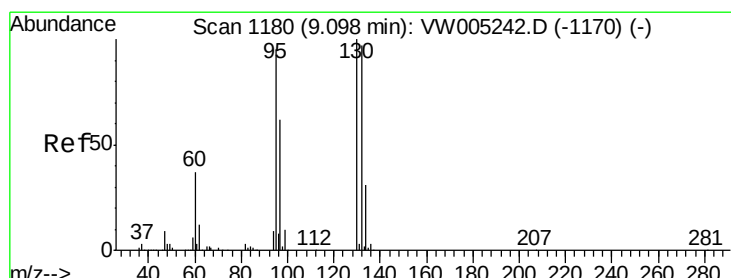
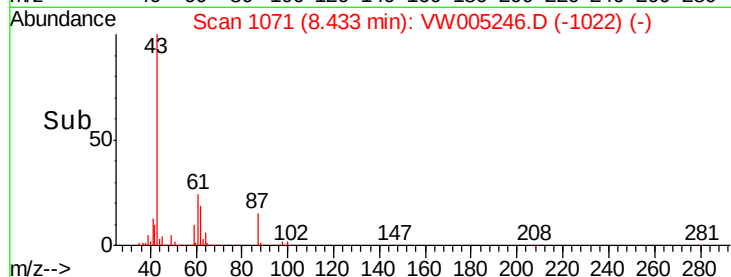
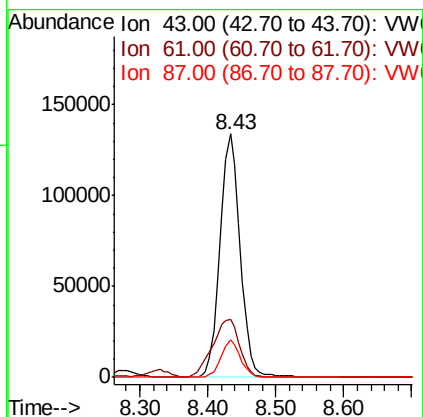
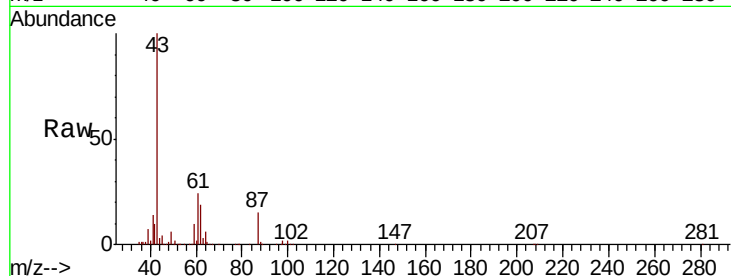
ClientSampleId :

ICVW091018

Tot Ion:	43	Resp:	274827
Ion	Ratio	Lower	Upper
43	100		
61	32.0	25.4	38.0
87	14.8	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 50.53 ug/l

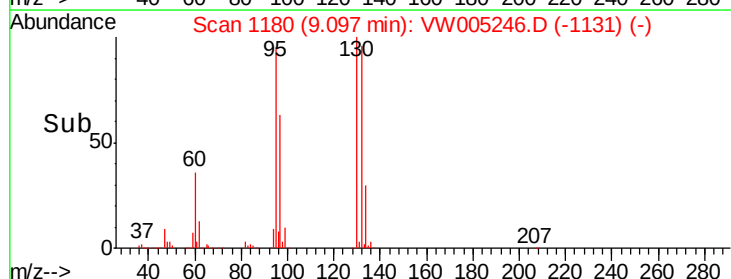
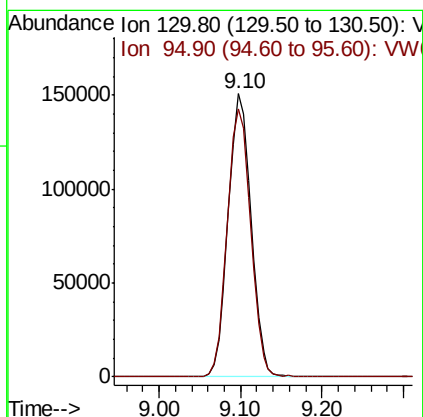
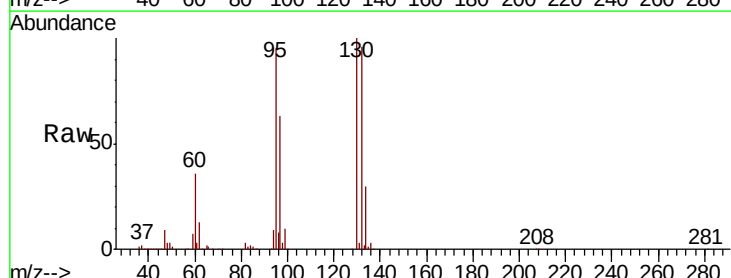
RT: 9.10 min Scan# 1180

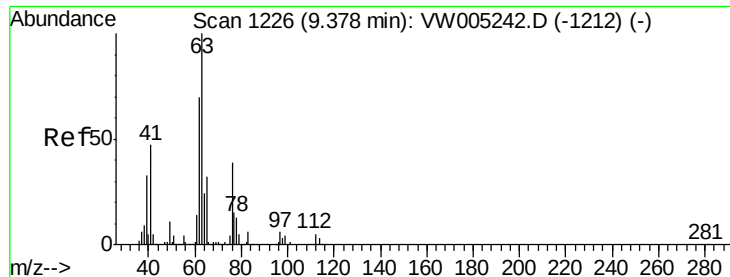
Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	130	Resp:	292279
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	189.6





#45

1,2-Dichloropropane

Concen: 52.79 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampled :

ICVW091018

Tot Ion: 63 Resp: 267500

Ion Ratio Lower Upper

63 100

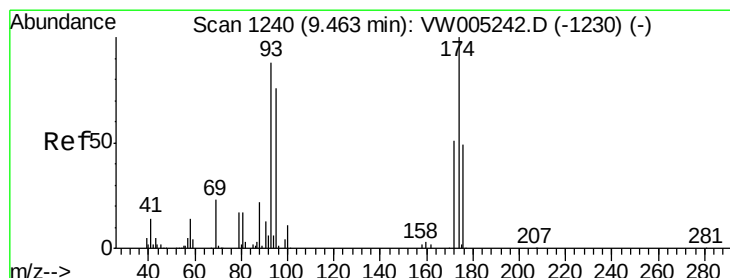
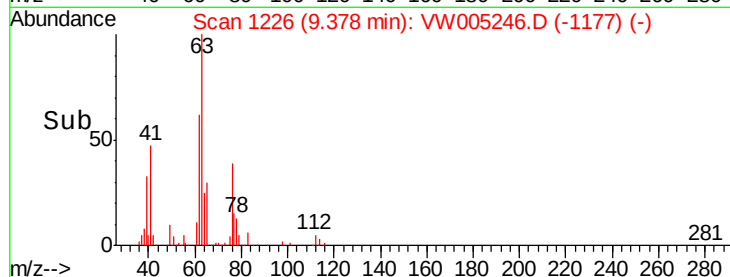
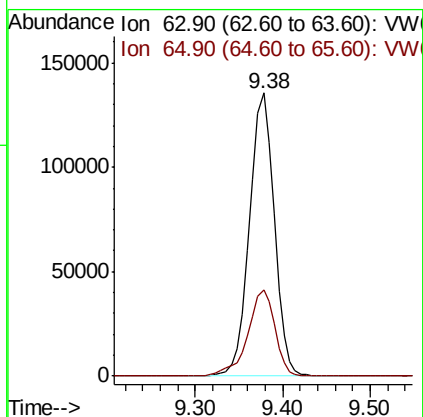
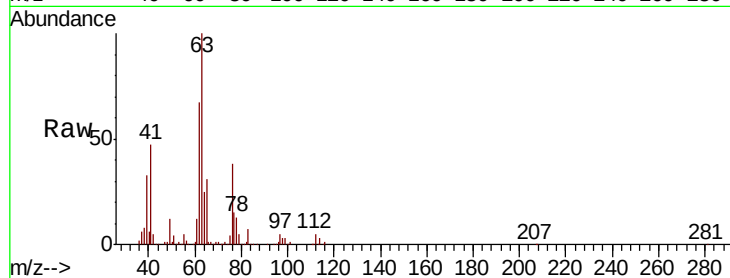
65 30.6 25.4 38.2

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#46

Dibromomethane

Concen: 48.69 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

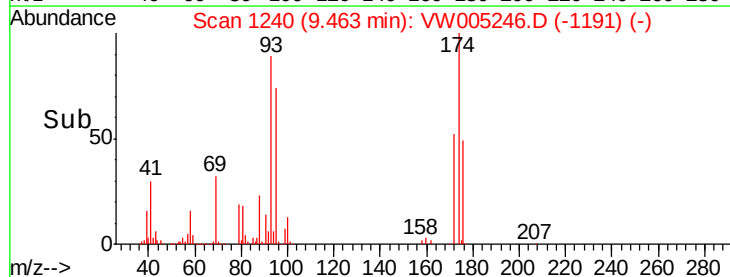
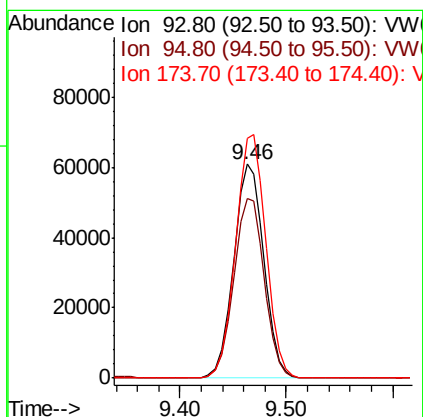
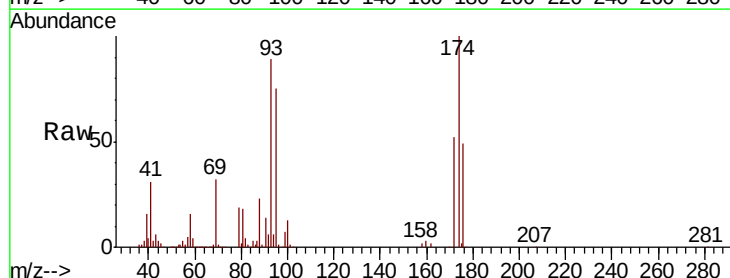
Tgt Ion: 93 Resp: 120775

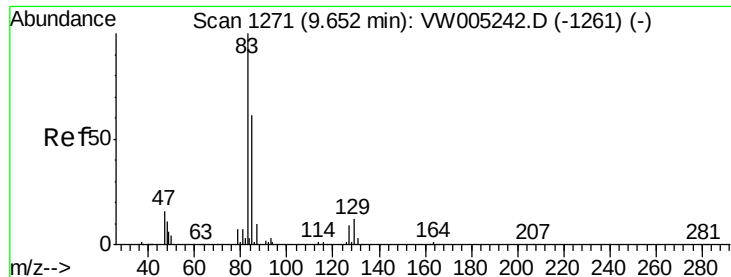
Ion Ratio Lower Upper

93 100

95 85.3 67.0 100.4

174 114.5 92.2 138.2





#47

Bromodichloromethane

Concen: 51.12 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

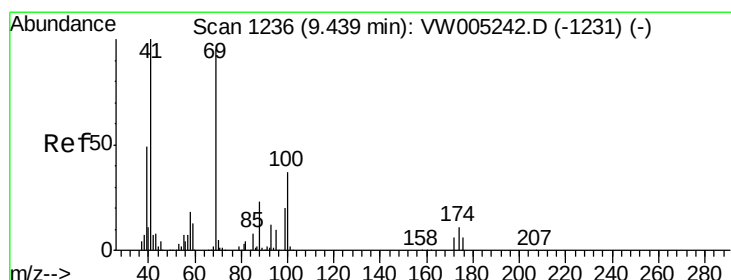
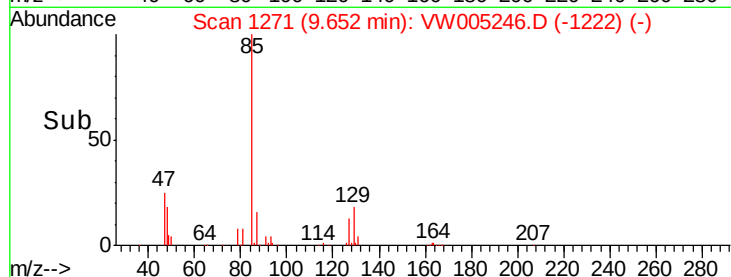
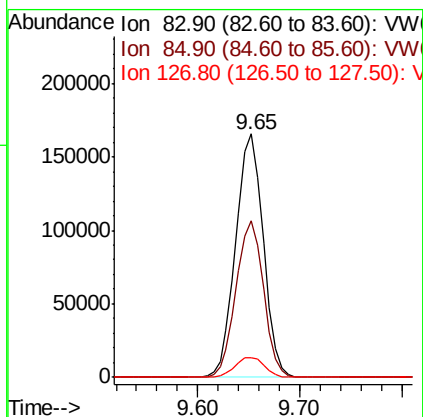
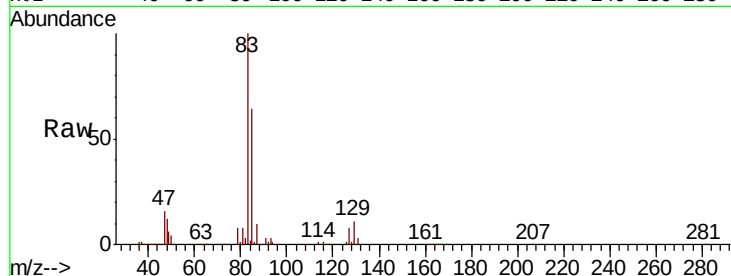
ClientSampleId :

ICVW091018

Tot Ion:	83	Resp:	310201
Ion Ratio	Lower	Upper	
83	100		
85	64.3	49.0	73.6
127	8.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.46 ug/l

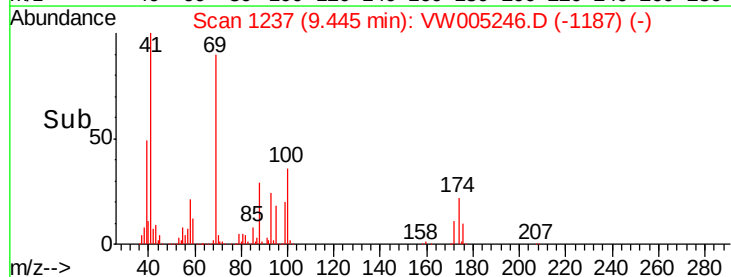
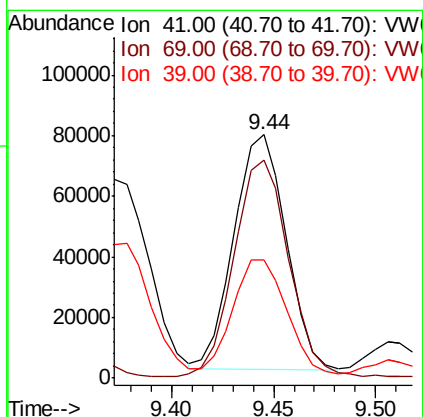
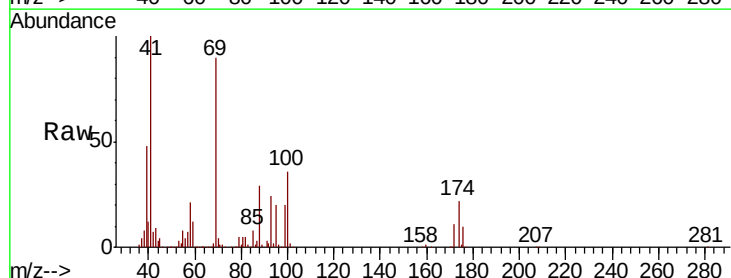
RT: 9.44 min Scan# 1237

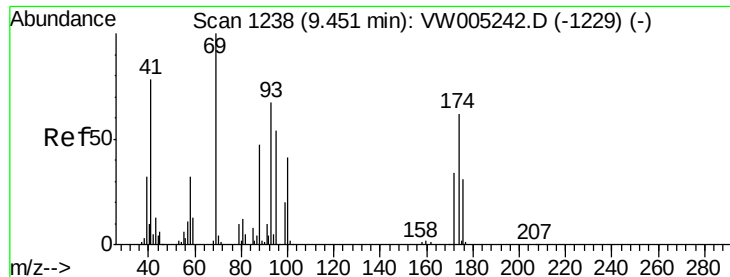
Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	41	Resp:	137688
Ion Ratio	Lower	Upper	
41	100		
69	99.0	74.6	112.0
39	50.0	36.7	55.1





#49

1,4-Dioxane

Concen: 1108.89 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

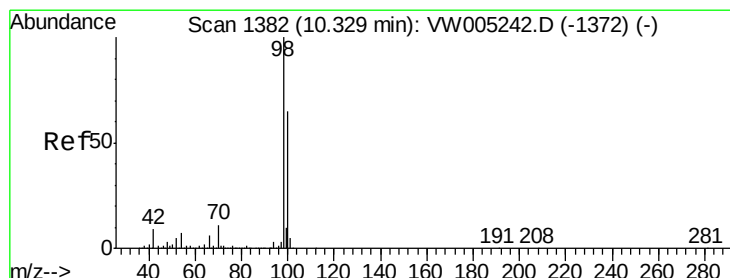
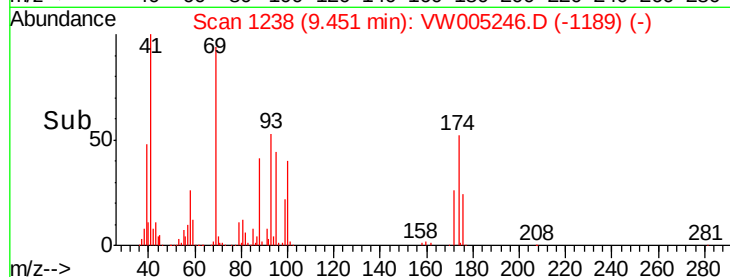
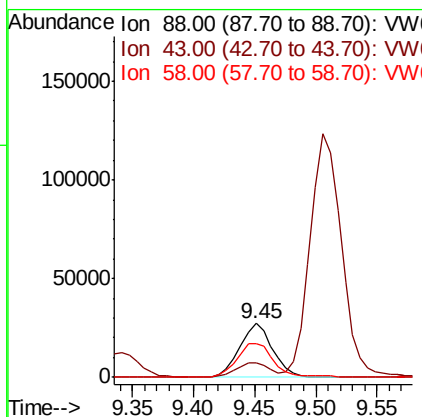
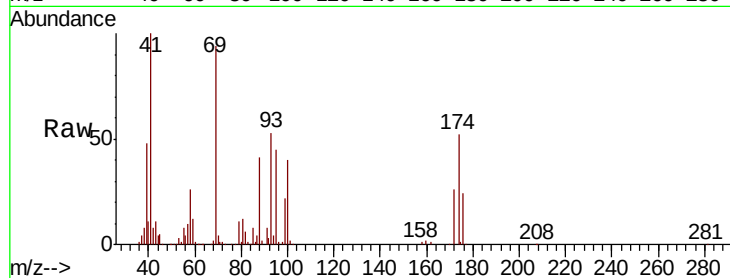
ClientSampled :

ICVW091018

Tot Ion:	88	Resp:	51354
Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.7	34.1
58	68.3	56.6	85.0

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#50

Toluene-d8

Concen: 50.21 ug/l

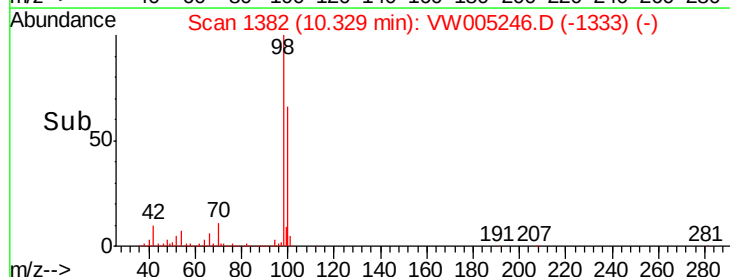
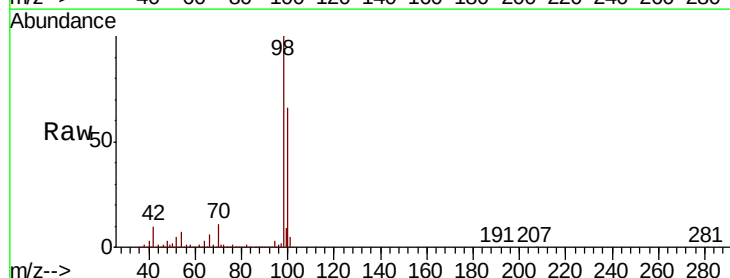
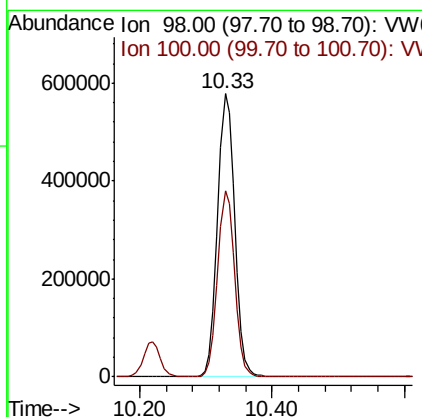
RT: 10.33 min Scan# 1382

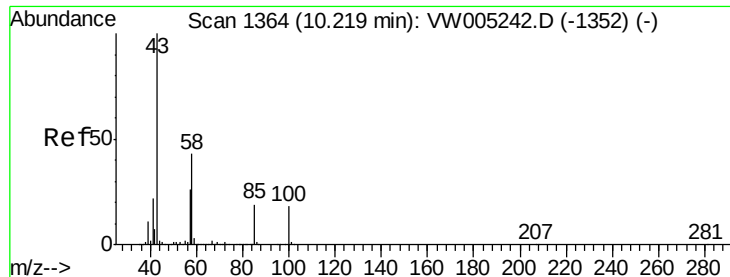
Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	98	Resp:	1038196
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0





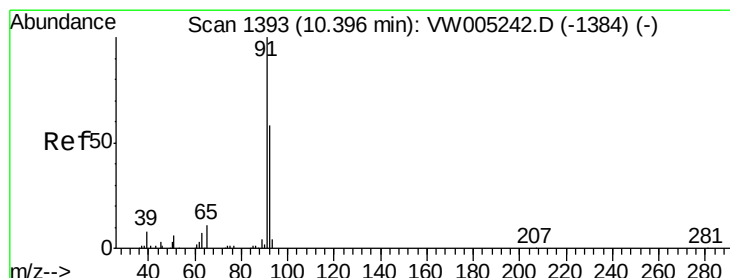
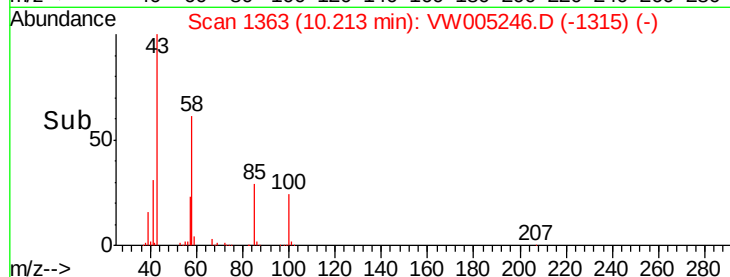
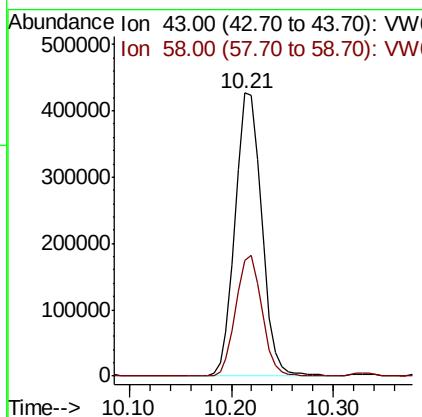
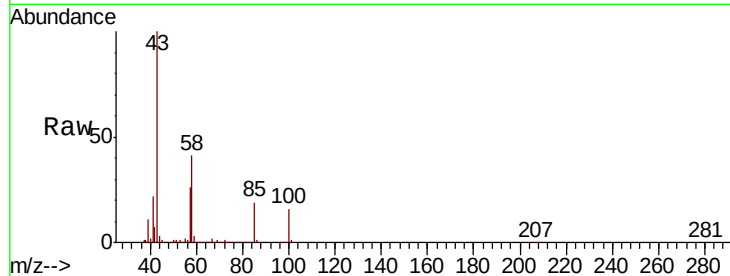
#51
4-Methyl-2-Pentanone
Concen: 270.67 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.0	33.8	50.6

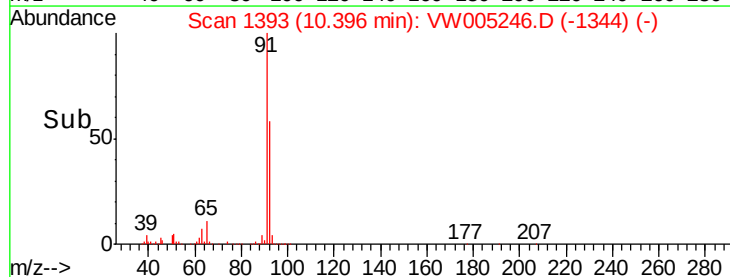
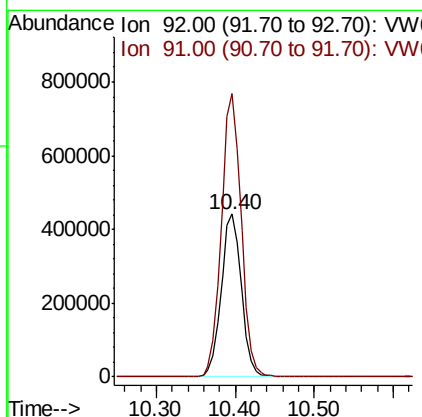
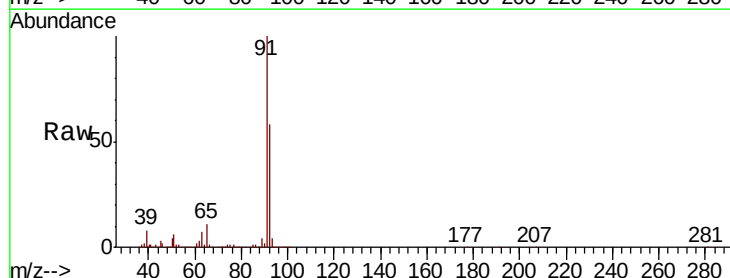
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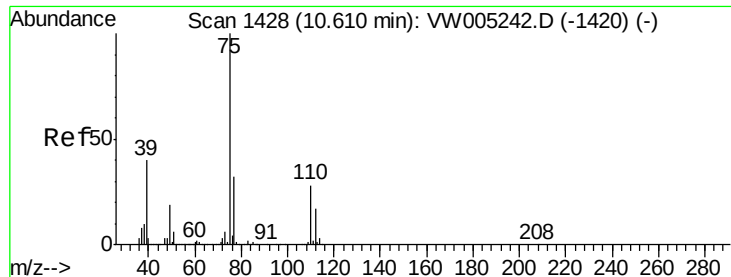
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#52
Toluene
Concen: 50.83 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.5	137.4	206.0





#53

t-1,3-Dichloropropene

Concen: 52.06 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampled :

ICVW091018

Tot Ion: 75 Resp: 341392

Ion Ratio Lower Upper

75 100

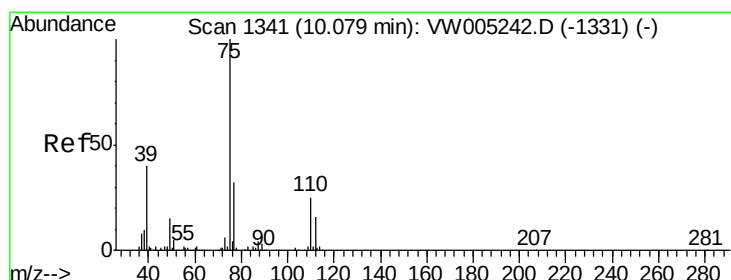
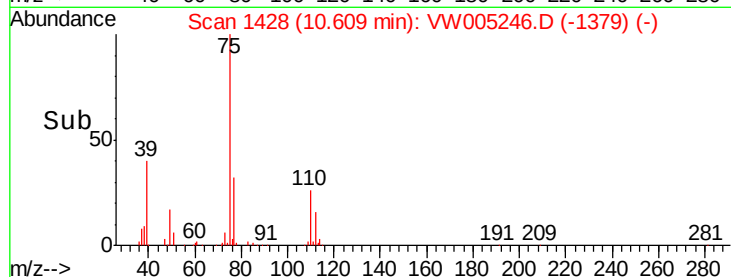
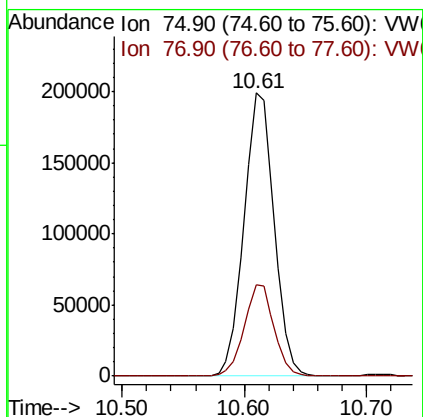
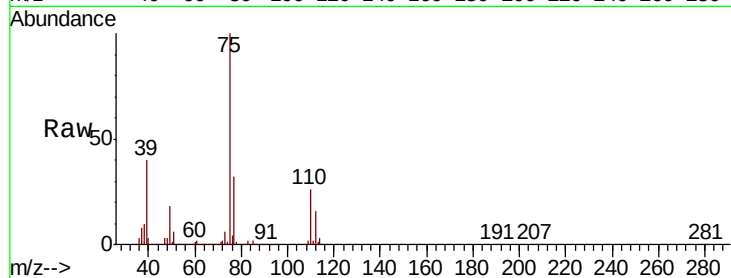
77 32.0 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 52.03 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

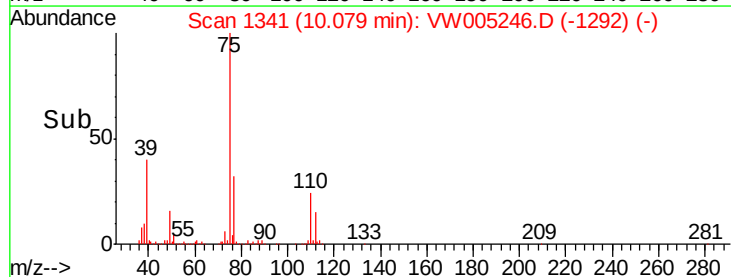
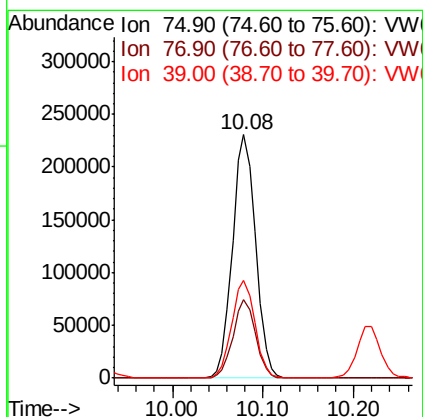
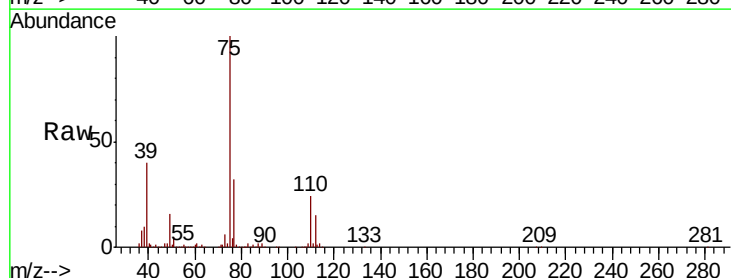
Tgt Ion: 75 Resp: 408618

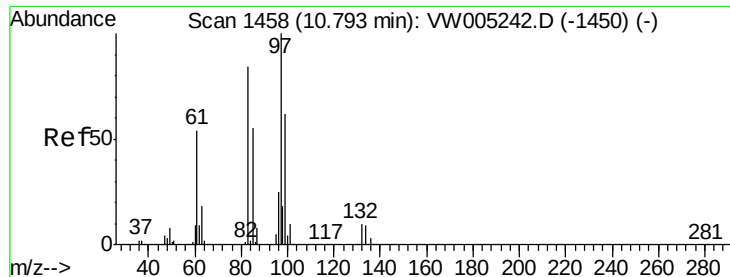
Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

39 40.1 31.8 47.6





#55

1,1,2-Trichloroethane

Concen: 49.43 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

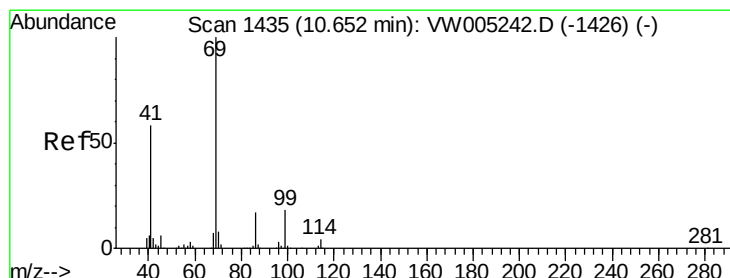
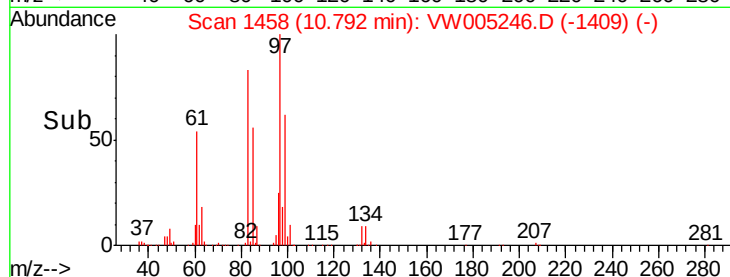
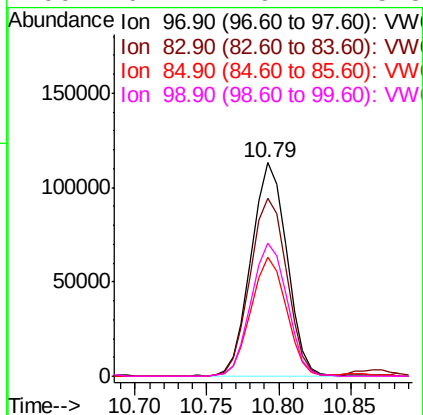
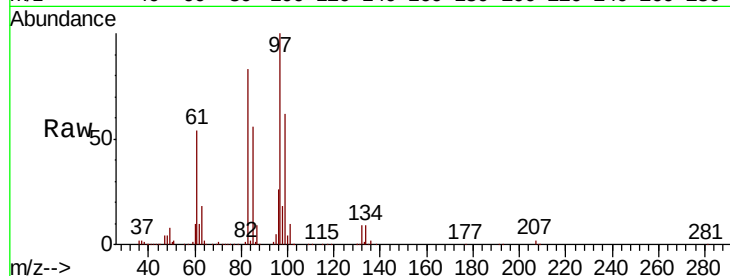
ClientSampleId :

ICVW091018

Tot Ion:	97	Resp:	195506
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.2	100.8
85	55.8	44.4	66.6
99	62.4	49.2	73.8

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#56

Ethyl methacrylate

Concen: 54.14 ug/l

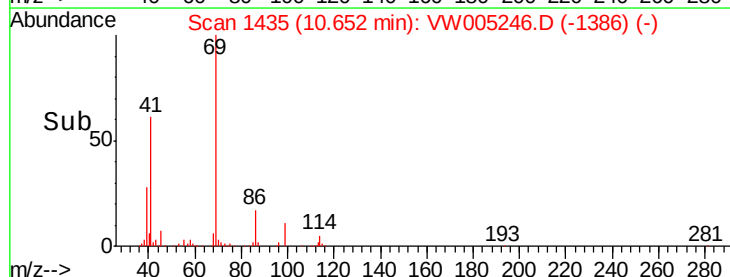
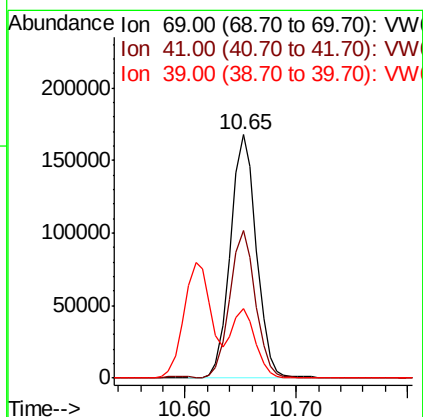
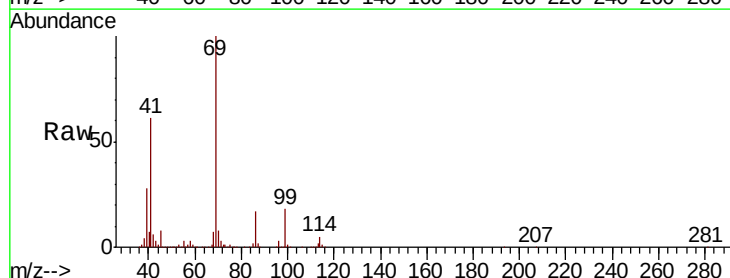
RT: 10.65 min Scan# 1435

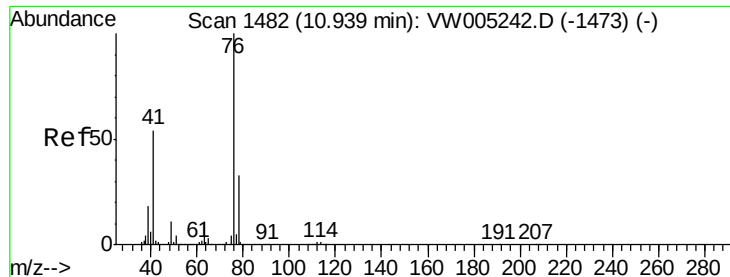
Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	69	Resp:	271464
Ion	Ratio	Lower	Upper
69	100		
41	59.9	48.7	73.1
39	26.8	20.9	31.3





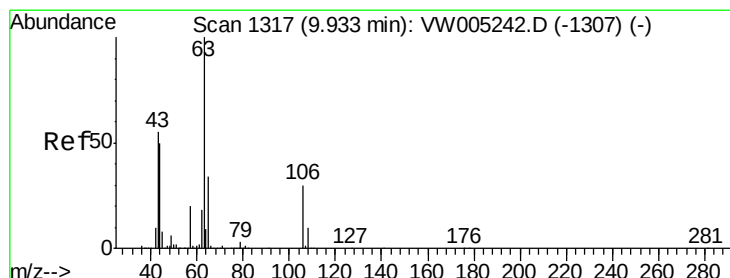
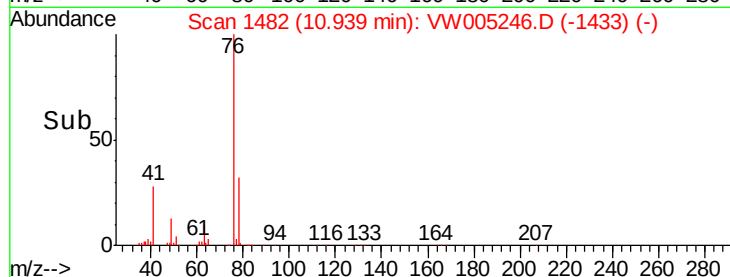
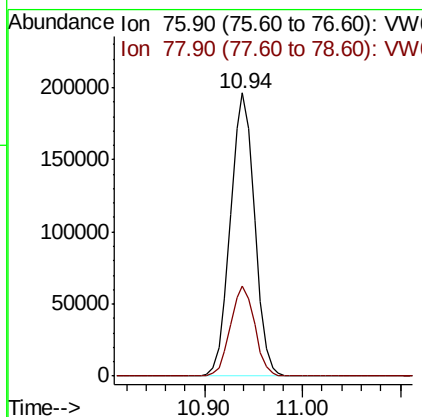
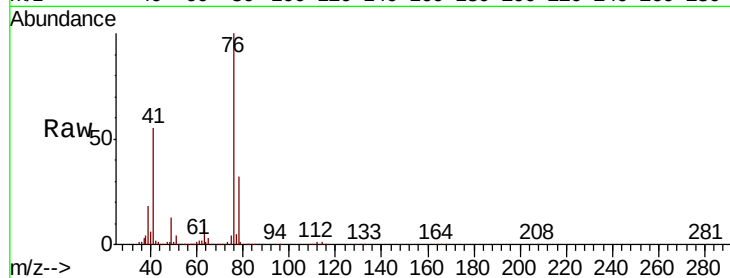
#57
 1,3-Dichloropropane
 Concen: 51.29 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.0	39.0

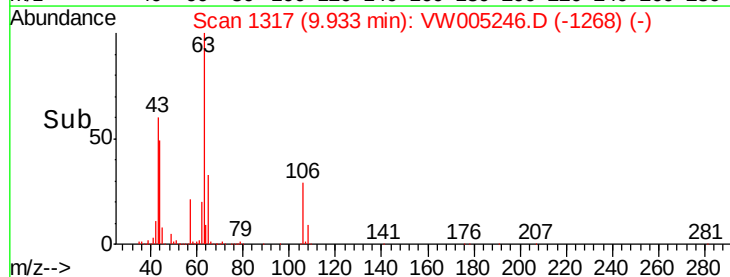
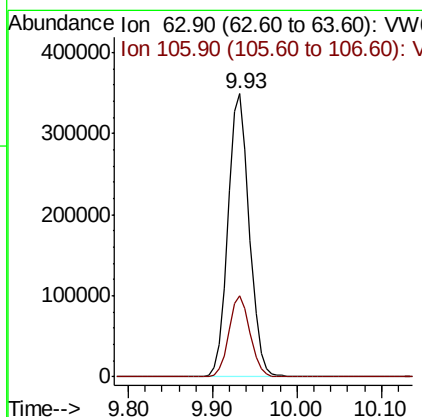
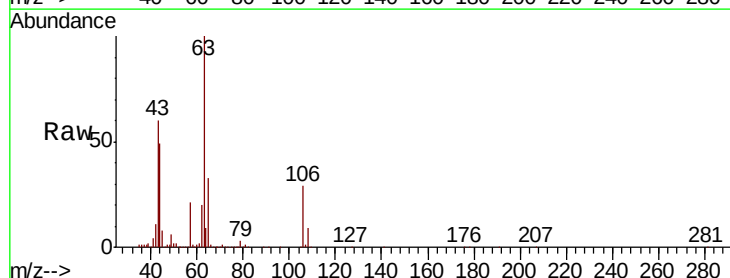
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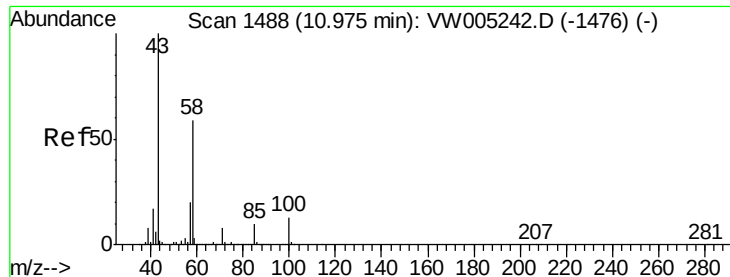
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#58
 2-Chloroethyl Vinyl ether
 Concen: 276.16 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.4	35.0





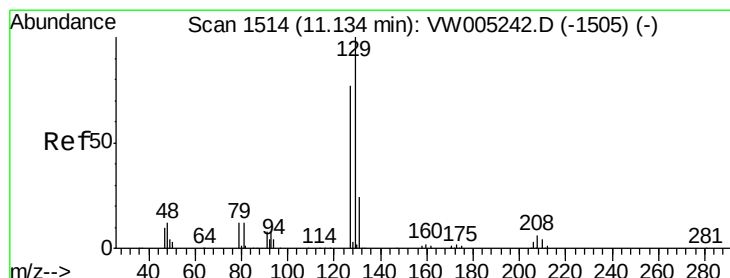
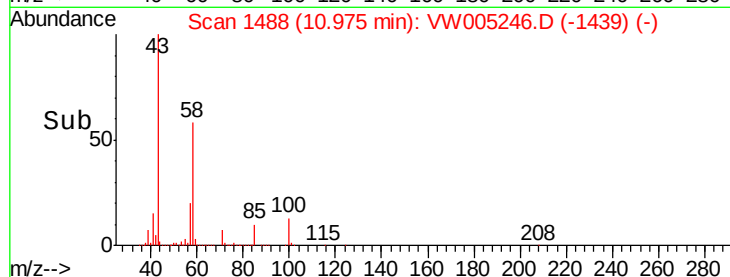
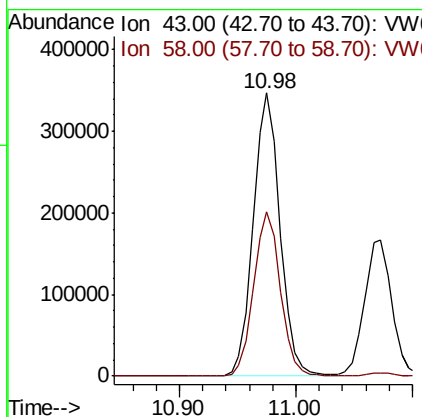
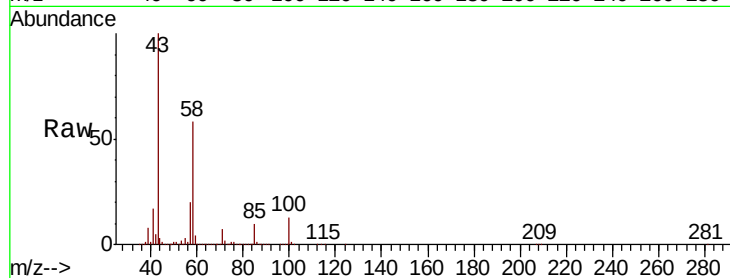
#59
2-Hexanone
Concen: 271.50 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.1	29.3	87.9

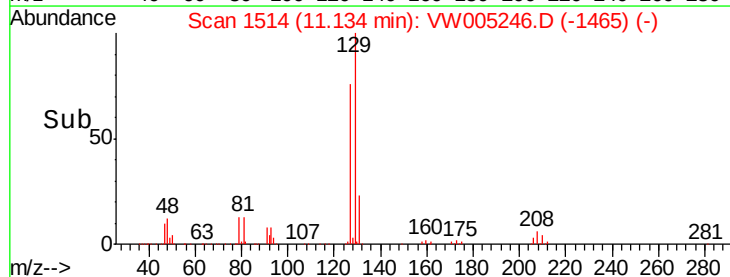
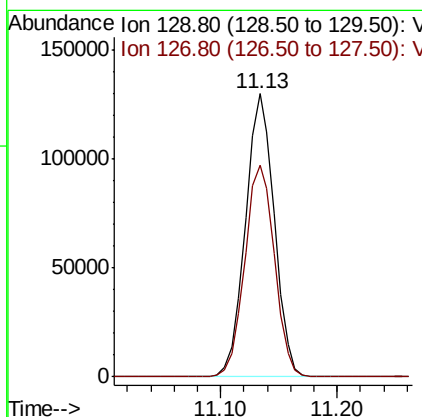
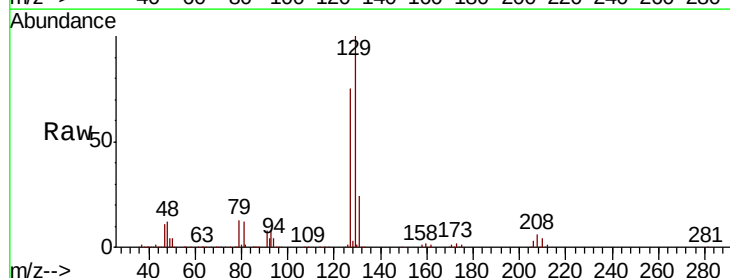
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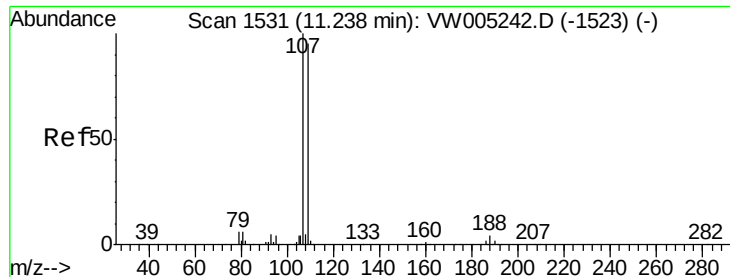
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#60
Dibromochloromethane
Concen: 51.22 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.0	117.0





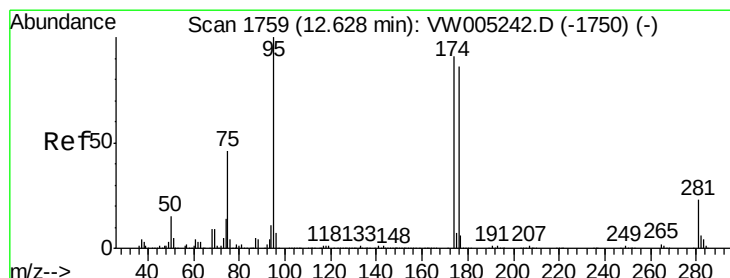
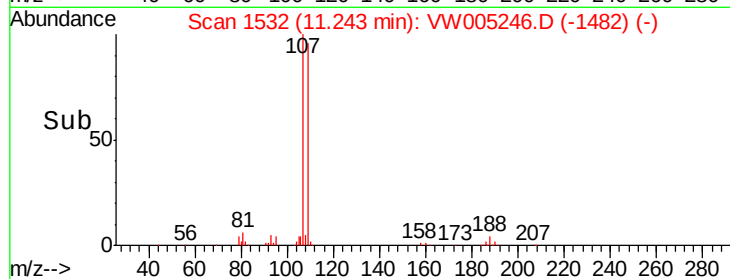
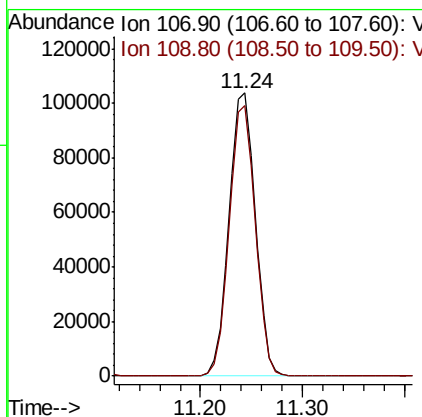
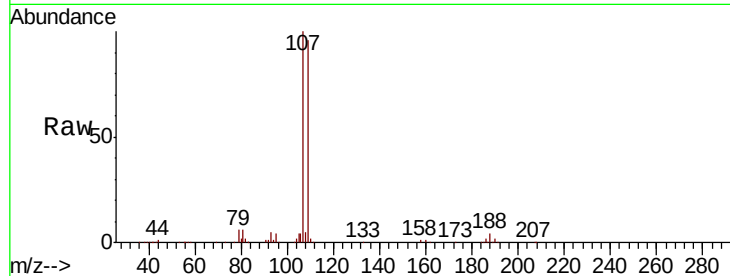
#61
 1,2-Dibromoethane
 Concen: 50.82 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW091018

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.7	113.5

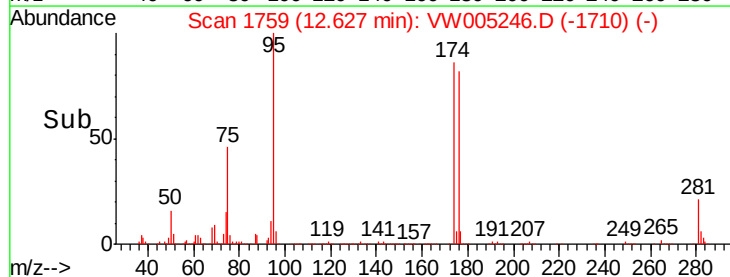
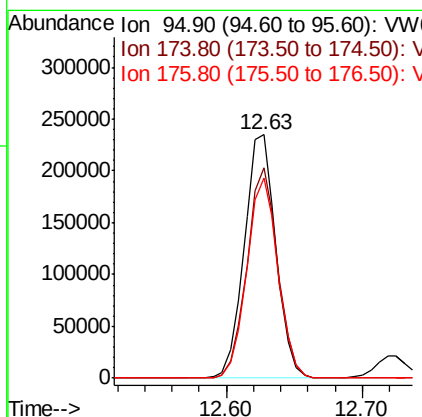
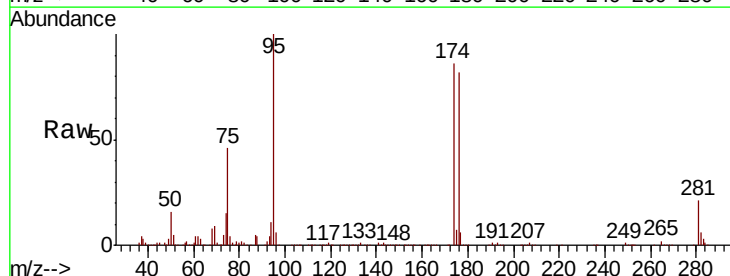
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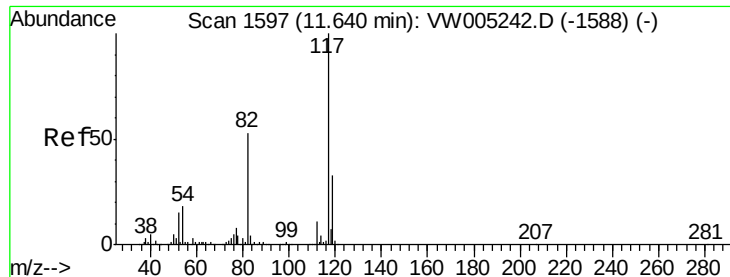
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.28 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	174.6
176	81.2	0.0	167.6





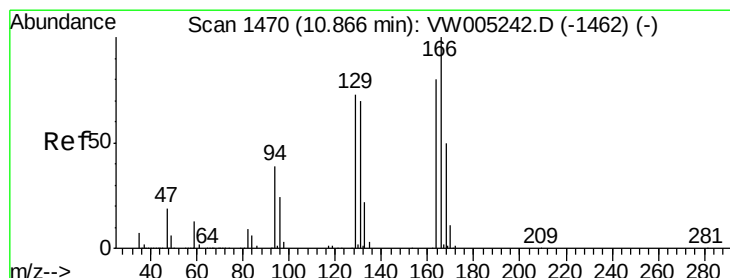
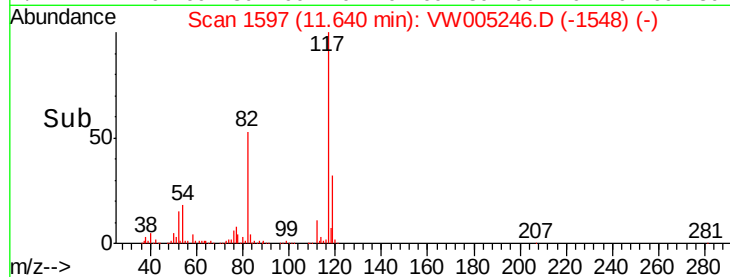
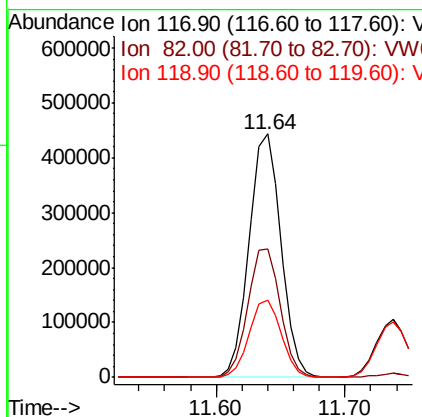
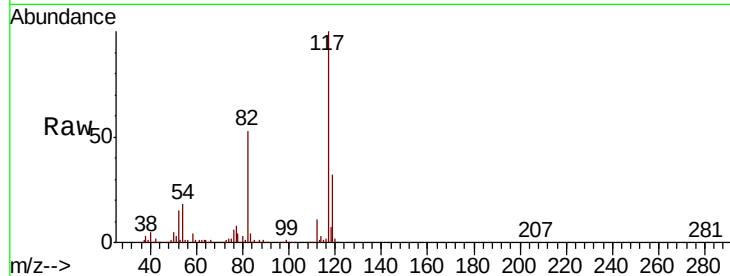
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Resp	Lower	Upper
117	100	755420		
82	53.0		42.6	63.8
119	31.7		26.2	39.4

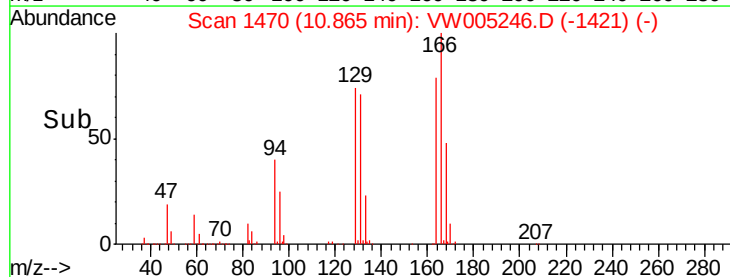
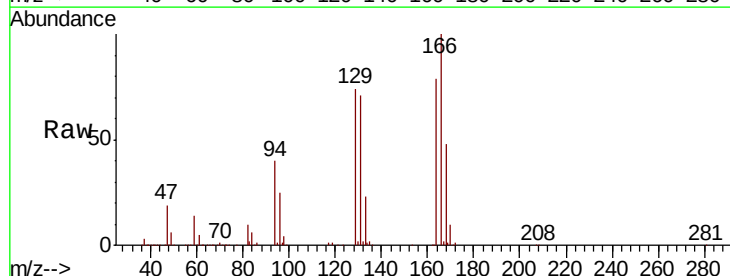
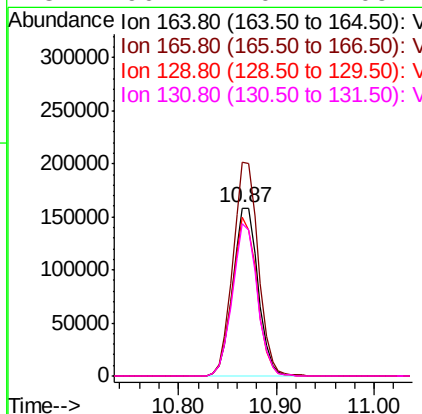
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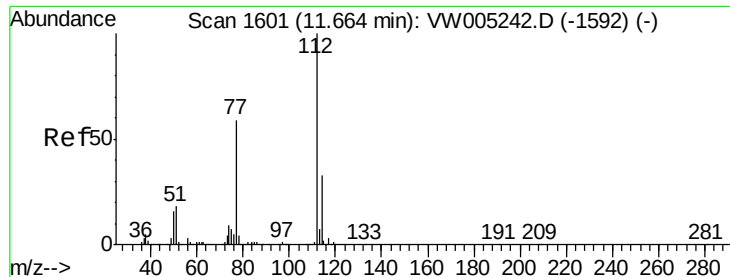
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#64
Tetrachloroethene
Concen: 50.85 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	285019		
166	126.9		100.2	150.2
129	93.9		73.2	109.8
131	90.2		70.2	105.4





#65

Chlorobenzene

Concen: 51.59 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

Tot Ion:112 Resp: 853798

Ion Ratio Lower Upper

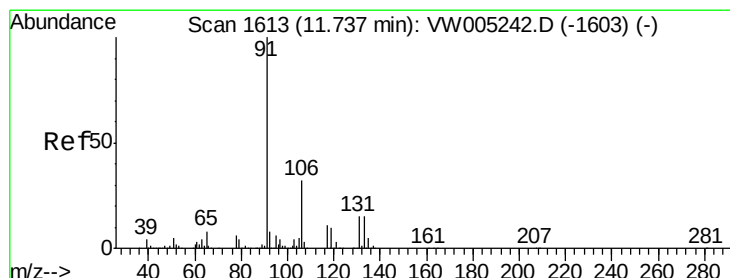
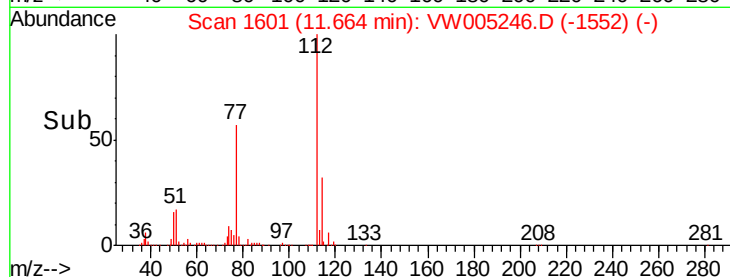
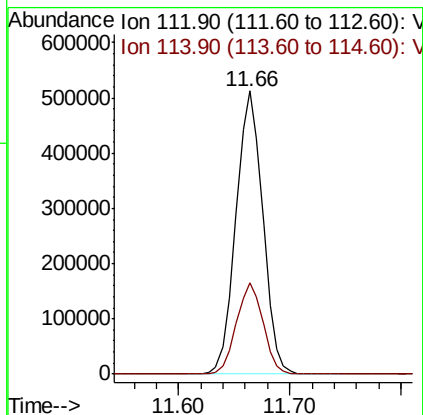
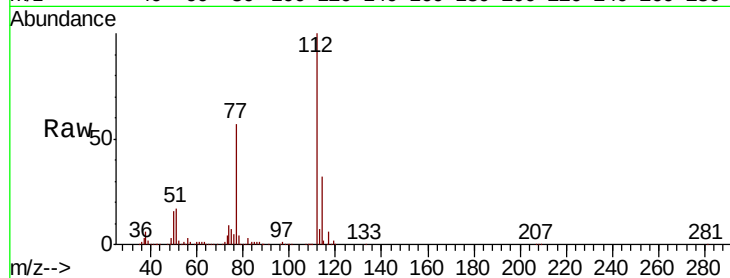
112 100

114 32.4 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.89 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

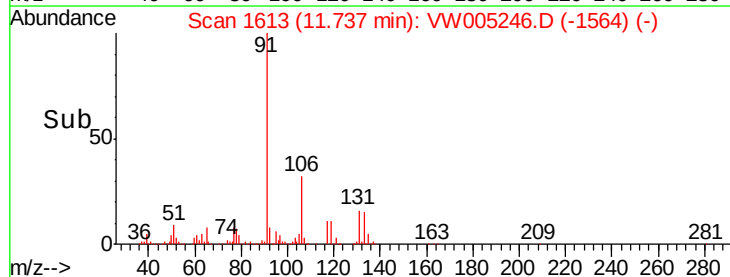
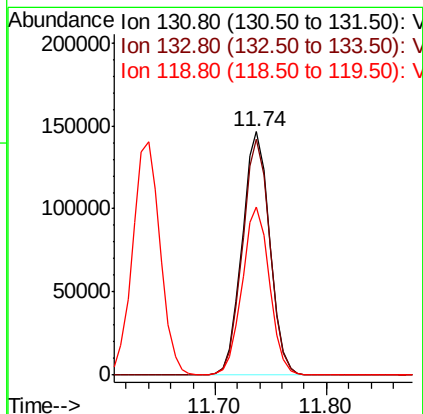
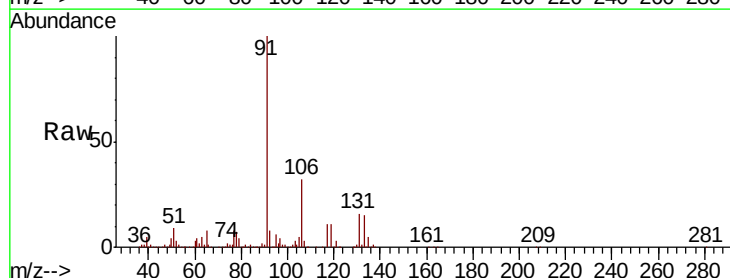
Tgt Ion:131 Resp: 251453

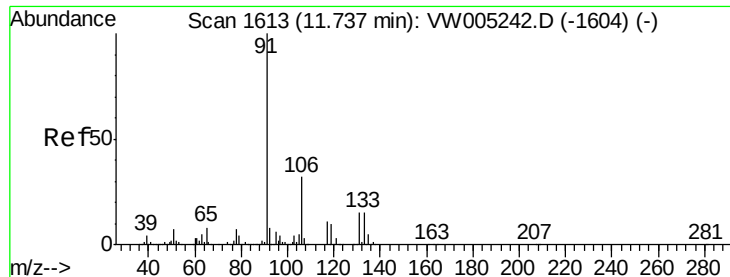
Ion Ratio Lower Upper

131 100

133 96.5 48.1 144.3

119 68.3 33.4 100.1





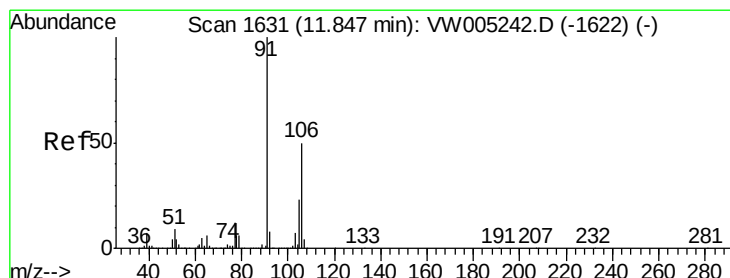
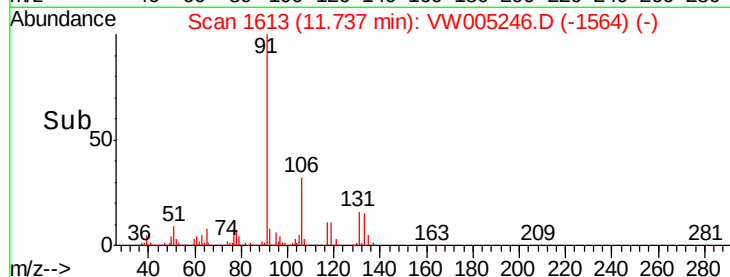
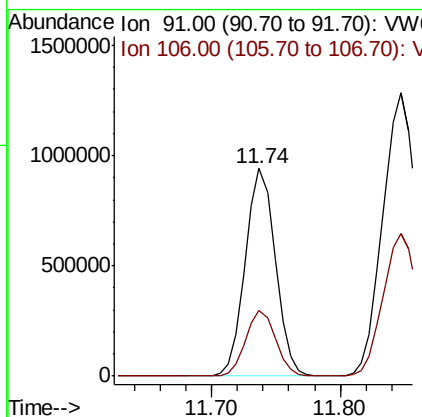
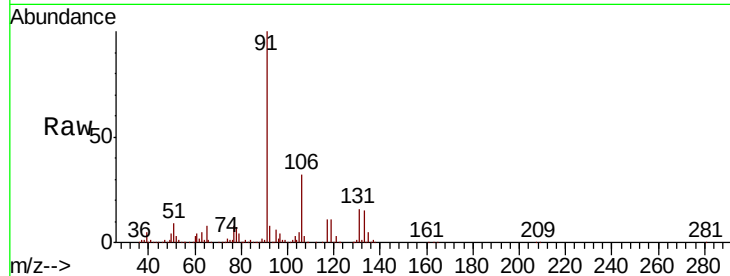
#67
Ethyl Benzene
Concen: 52.64 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampled :
ICVW091018

Tot Ion: 91 Resp: 1517107
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

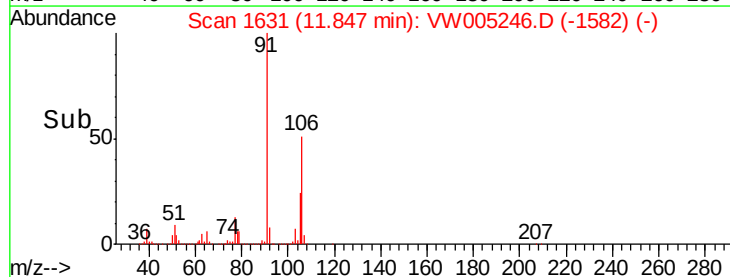
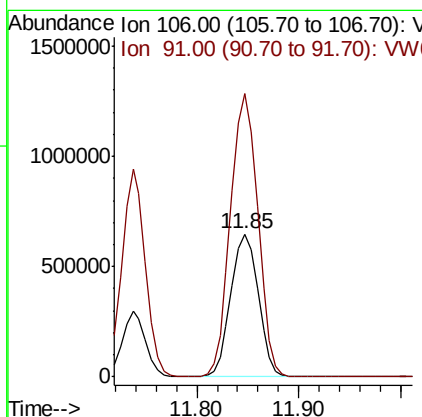
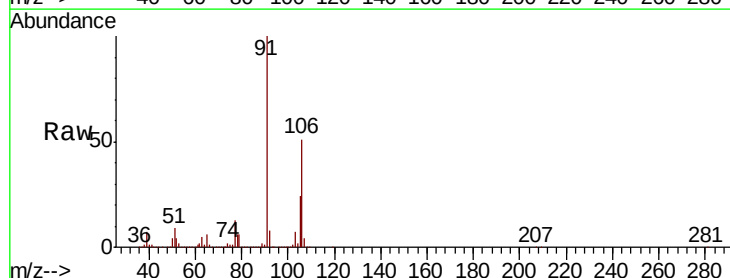
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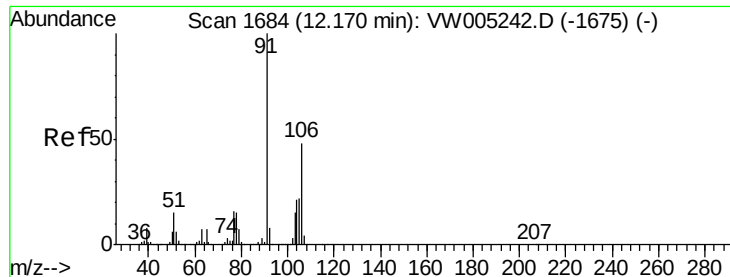
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#68
m/p-Xylenes
Concen: 104.36 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 106 Resp: 1211978
Ion Ratio Lower Upper
106 100
91 197.5 160.2 240.2





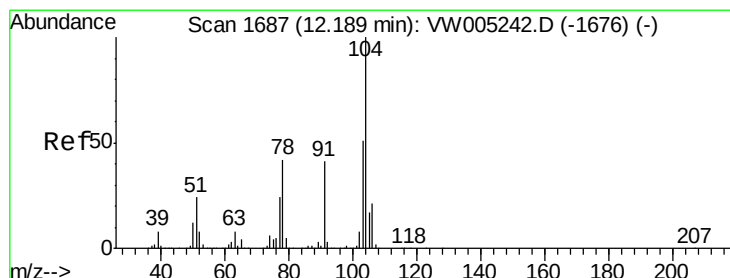
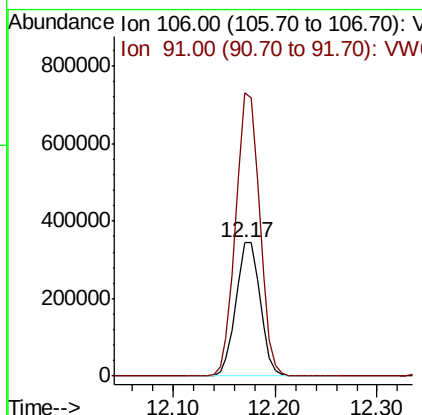
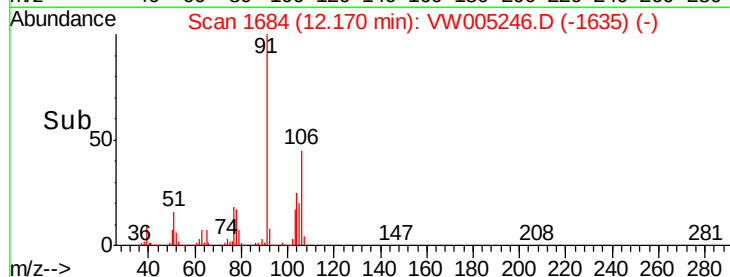
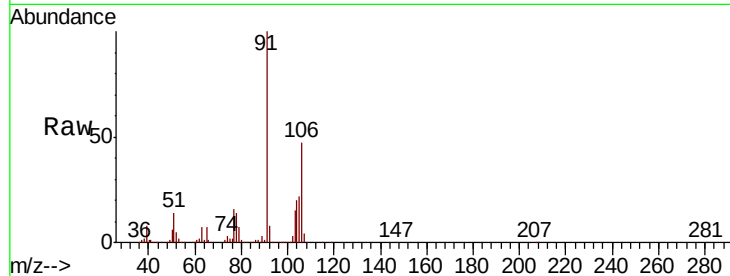
#69
o-Xylene
Concen: 52.40 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampled :
ICVW091018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	566155		
91	91	209.2		104.1	312.3

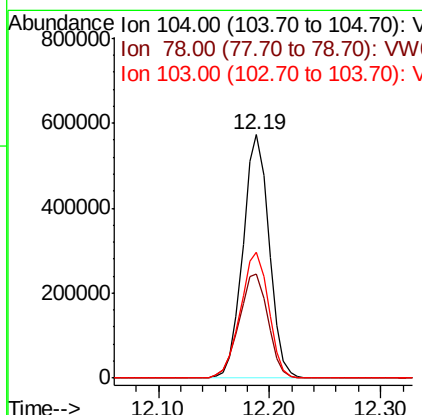
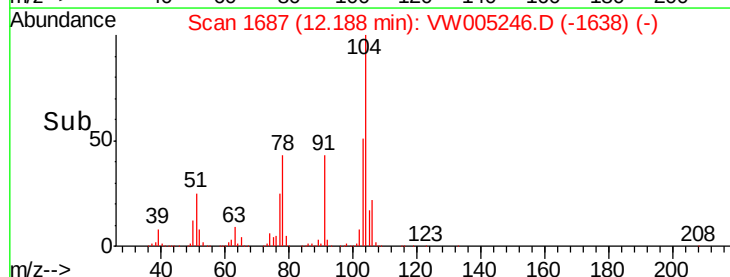
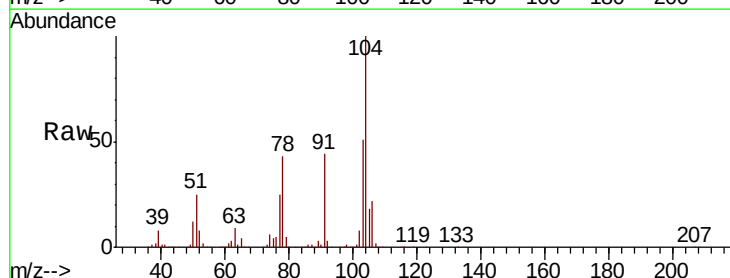
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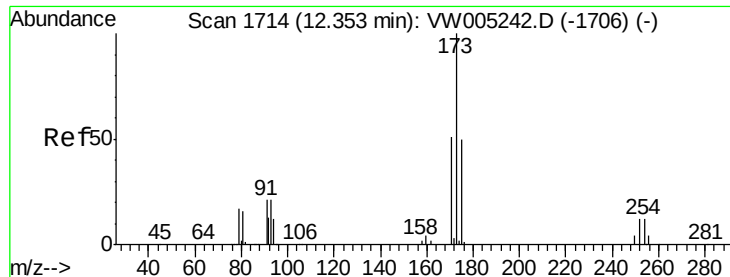
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#70
Styrene
Concen: 53.08 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	935880		
78	78	47.5		37.4	56.2
103	103	55.6		44.1	66.1





#71

Bromoform

Concen: 52.13 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

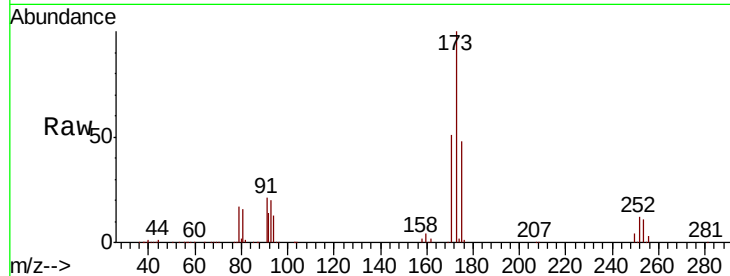
ClientSampleId :

ICVW091018

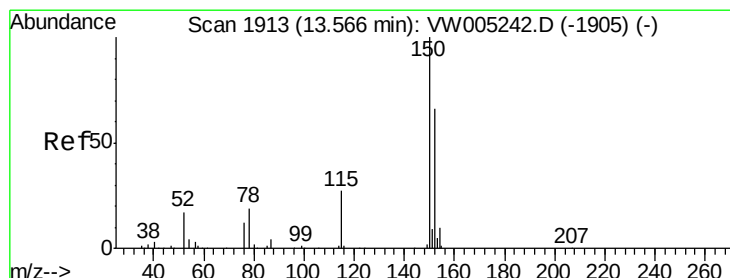
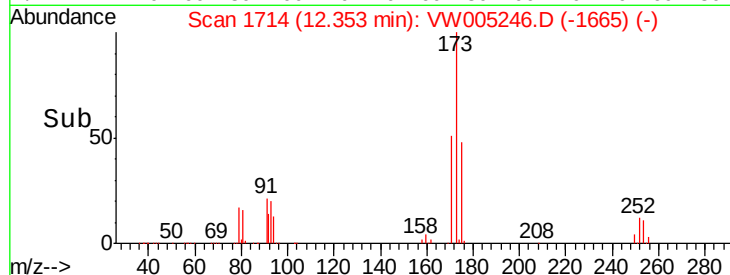
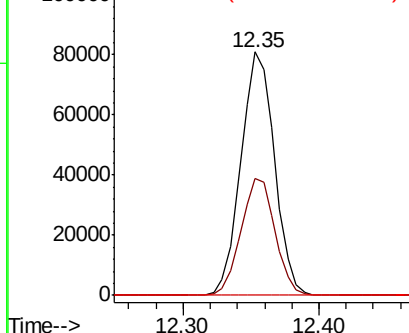
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

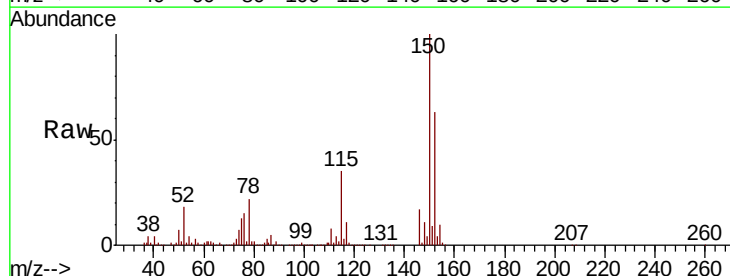
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

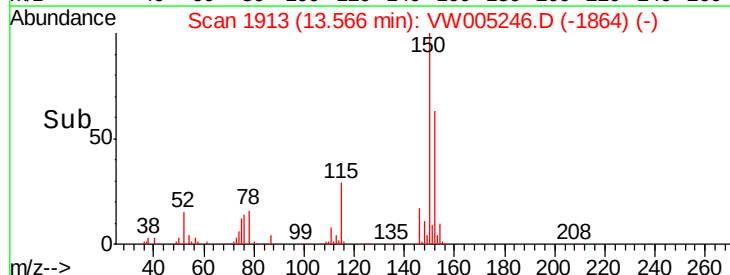
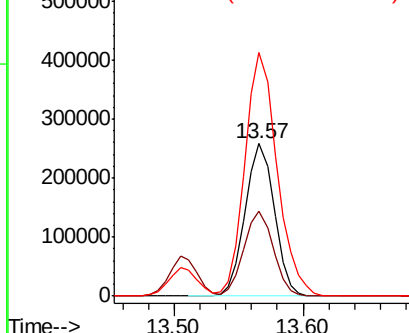
Lab File: VW005246.D

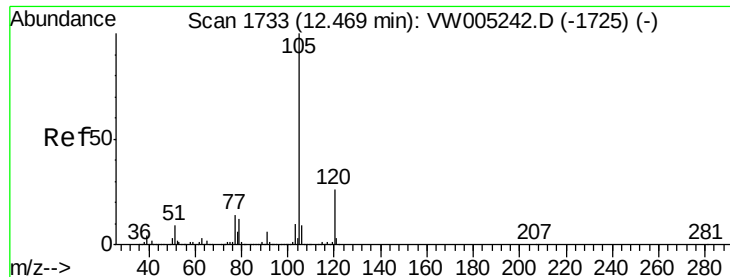
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.4
150	175.5	0.0	347.4



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





#73

Isopropylbenzene

Concen: 53.67 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampled :

ICVW091018

Tot Ion: 105 Resp: 1536650

Ion Ratio Lower Upper

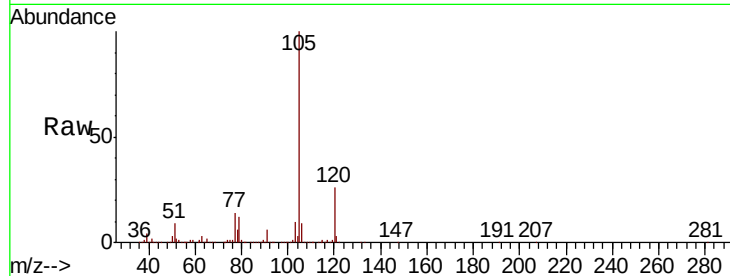
105 100

120 26.7 13.4 40.1

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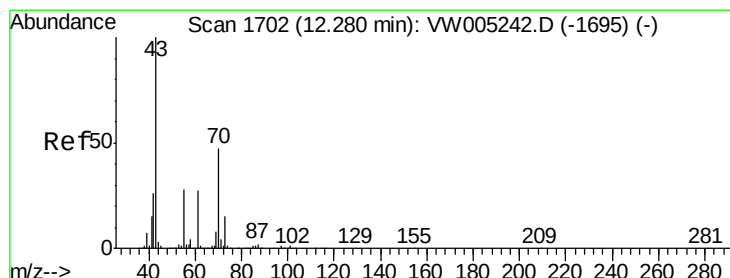
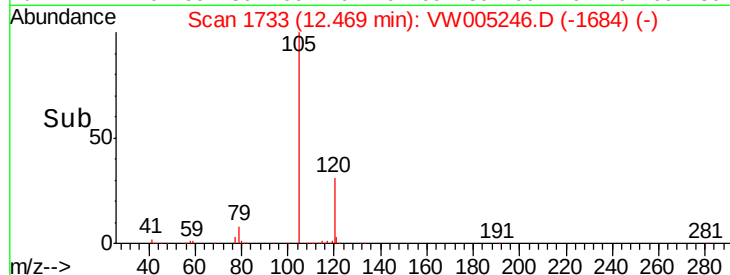
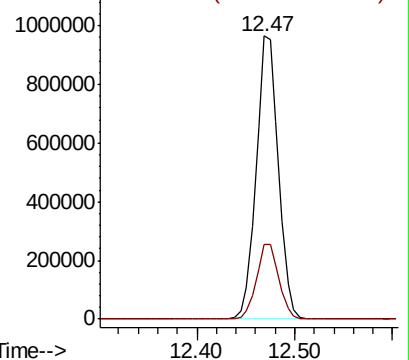
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.48 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion: 43 Resp: 313121

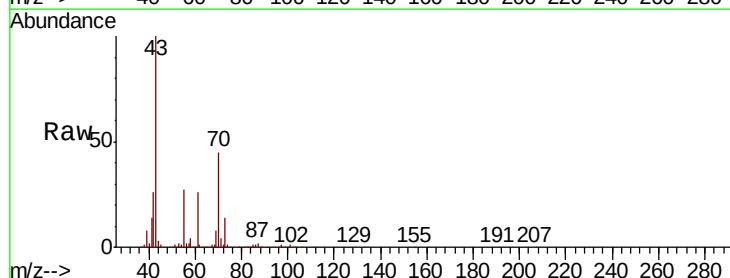
Ion Ratio Lower Upper

43 100

70 46.2 37.9 56.9

55 27.4 22.6 33.8

61 26.2 20.9 31.3

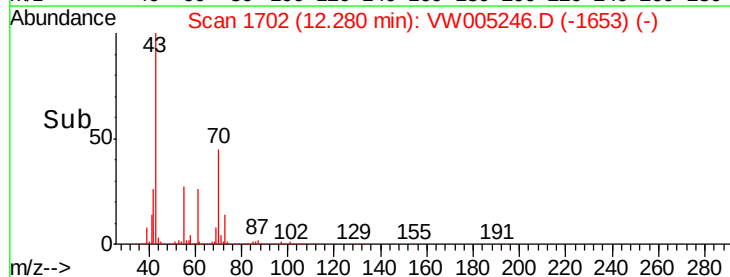
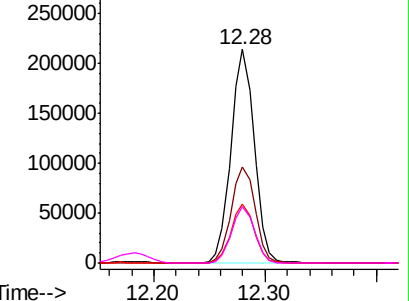


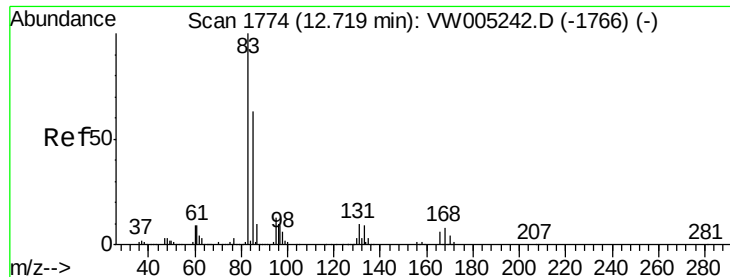
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.75 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

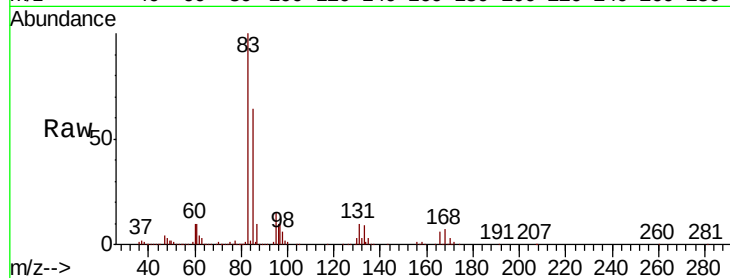
ClientSampleId :

ICVW091018

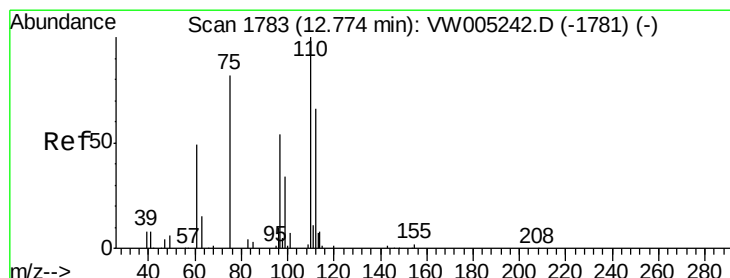
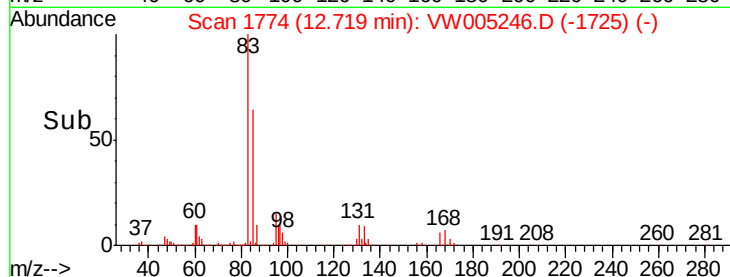
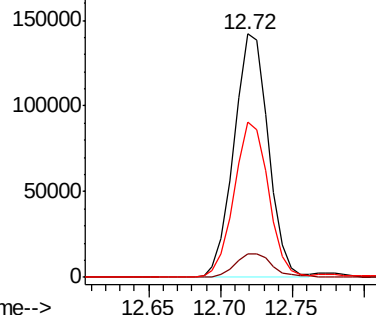
Tot Ion:	83	Resp:	235577
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	63.6	31.6	95.0

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 52.61 ug/l m

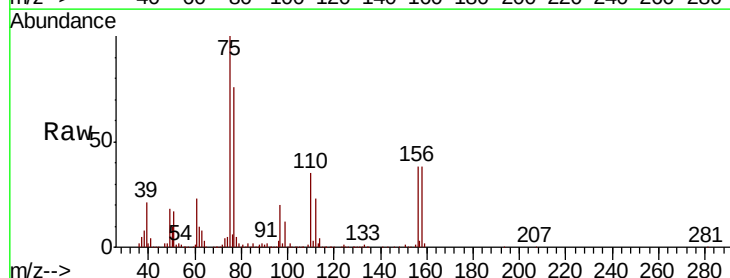
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

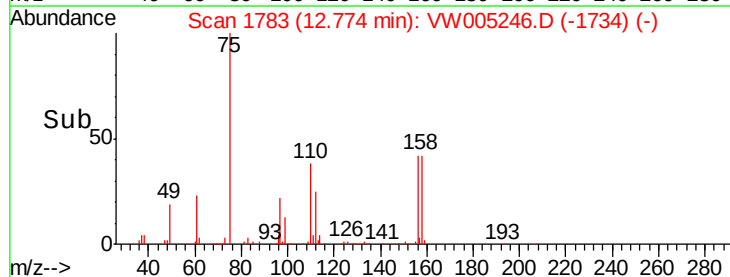
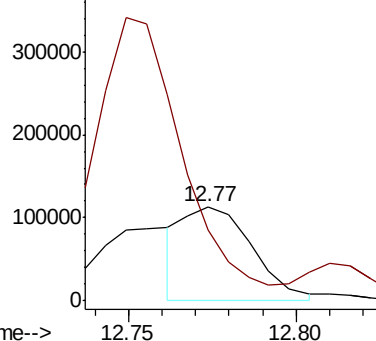
Lab File: VW005246.D

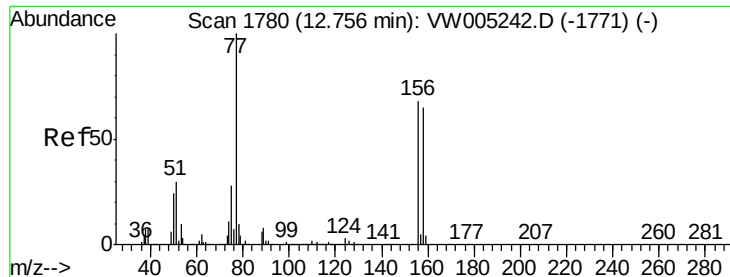
Acq: 10 Sep 2018 17:30

Tgt Ion:	75	Resp:	163964
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.84 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

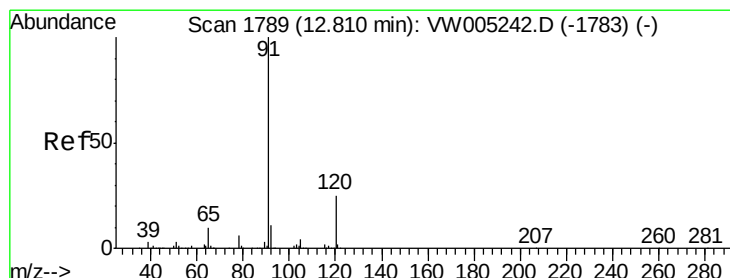
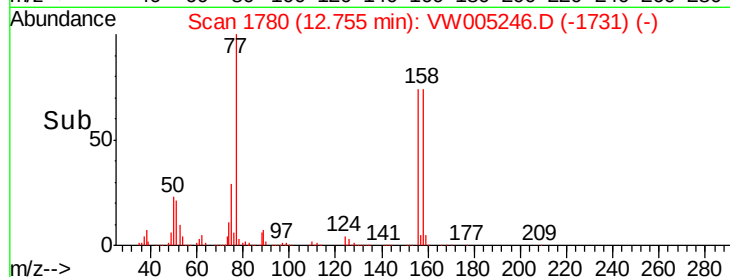
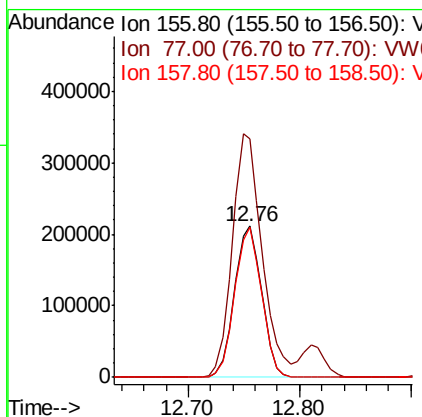
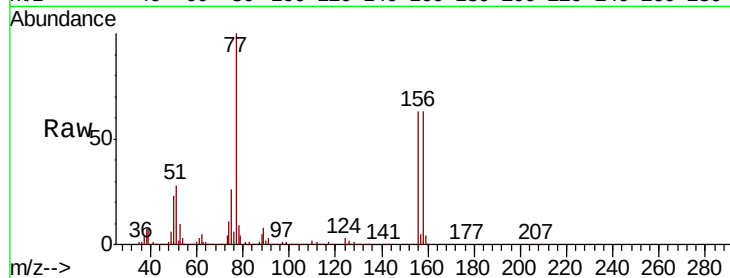
ClientSampleId :

ICVW091018

Tot Ion:	156	Resp:	356365
Ion Ratio	Lower	Upper	
156	100		
77	176.2	86.3	258.8
158	97.8	48.6	145.8

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#78

n-propylbenzene

Concen: 54.31 ug/l

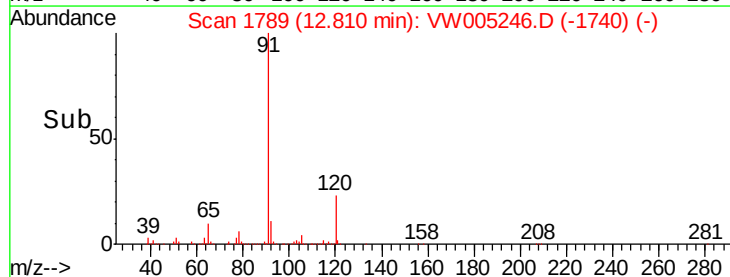
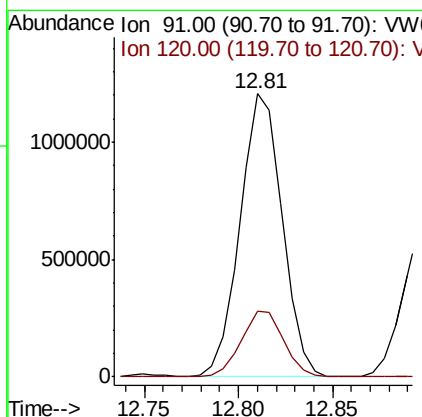
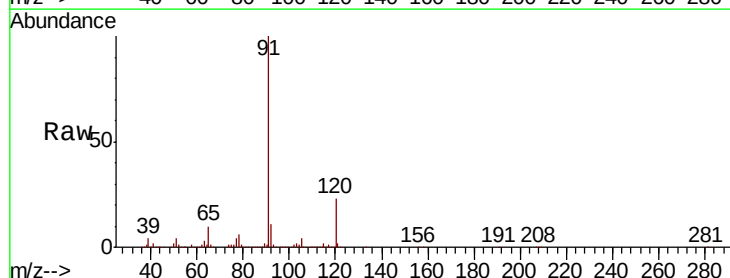
RT: 12.81 min Scan# 1789

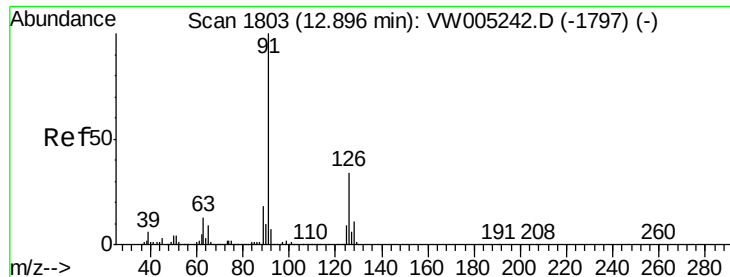
Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion:	91	Resp:	1867383
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.0	36.0





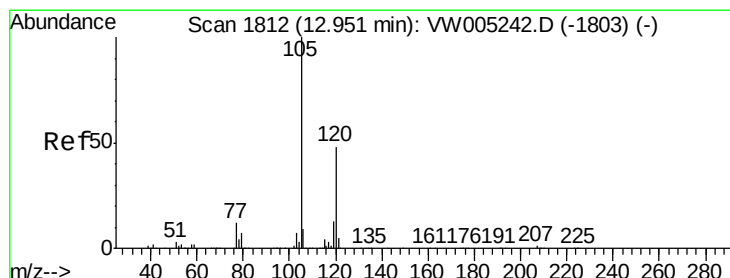
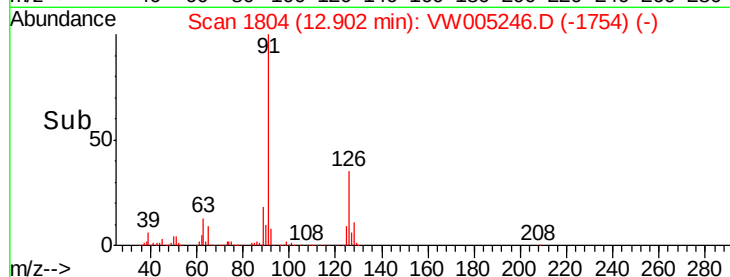
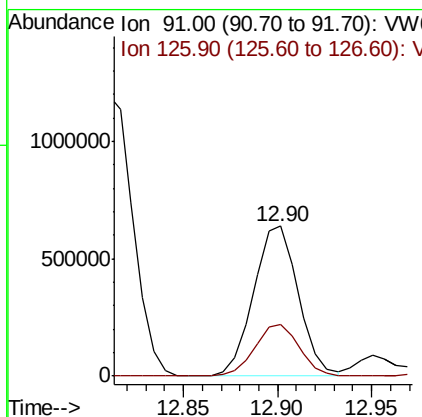
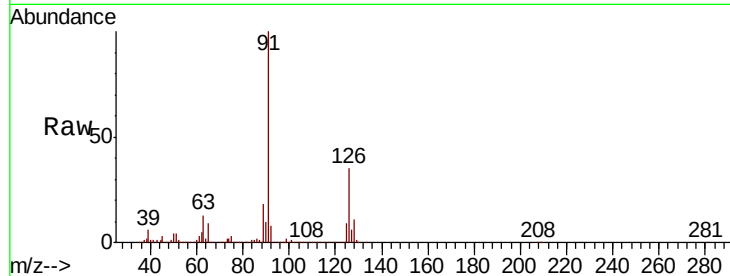
#79
 2-Chlorotoluene
 Concen: 53.46 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion: 91 Resp: 1054115
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.2 51.5

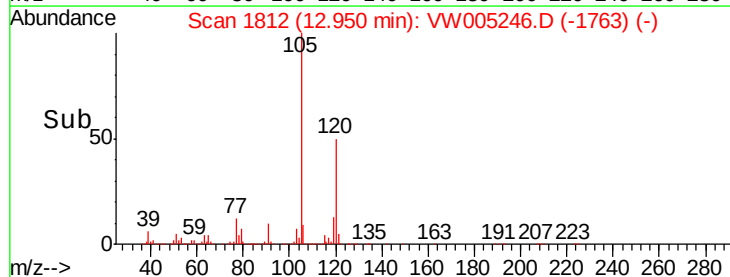
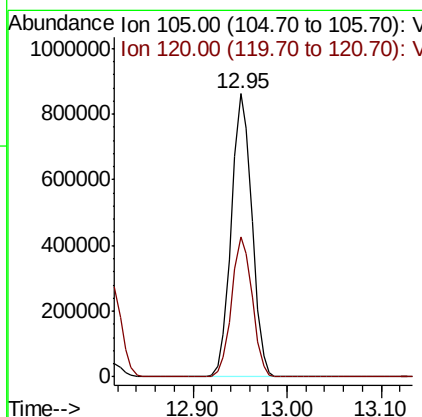
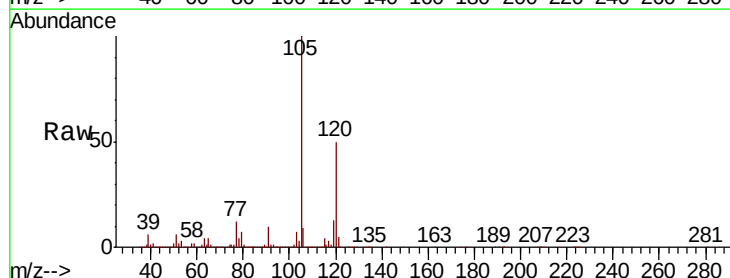
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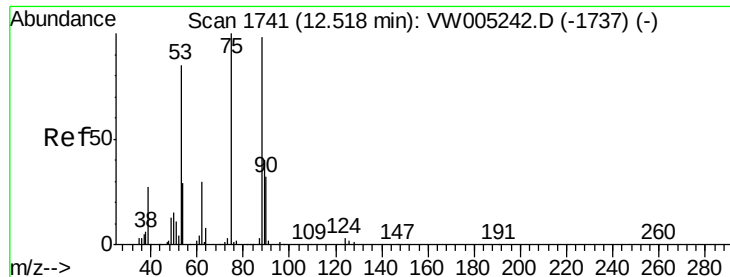
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.61 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion:105 Resp: 1307050
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4





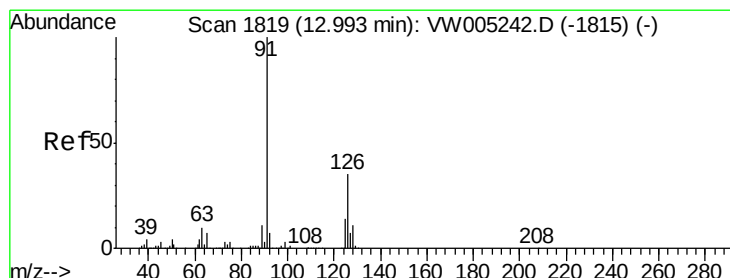
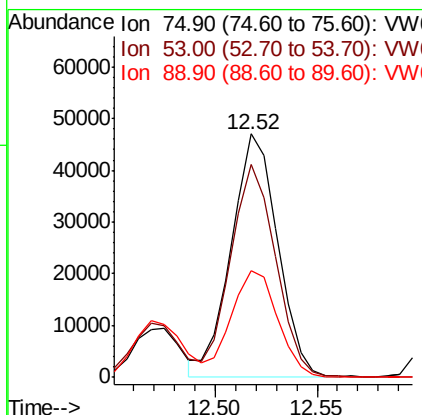
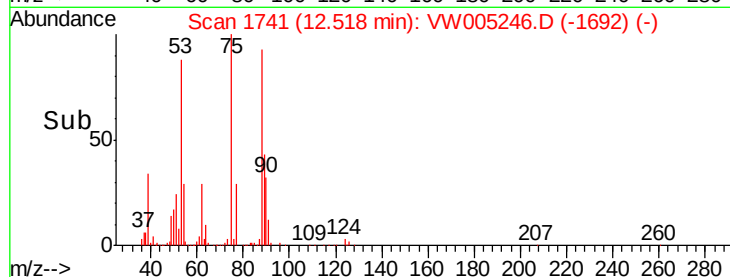
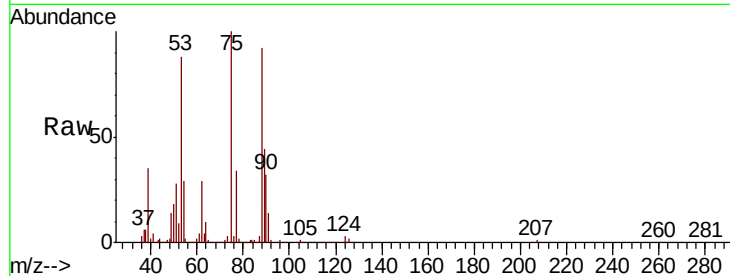
#81
trans-1,4-Dichloro-2-butene
Concen: 55.38 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.8	67.0	100.6
89	44.6	37.0	55.4

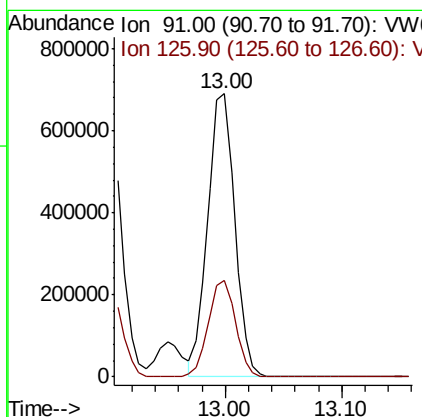
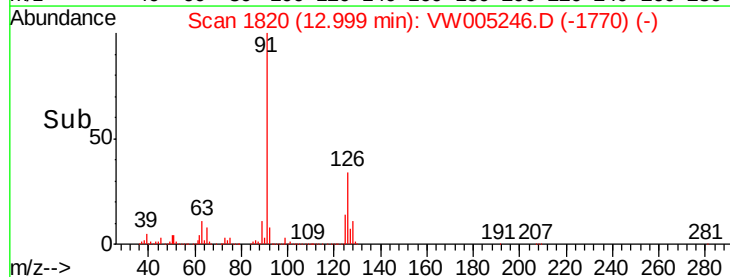
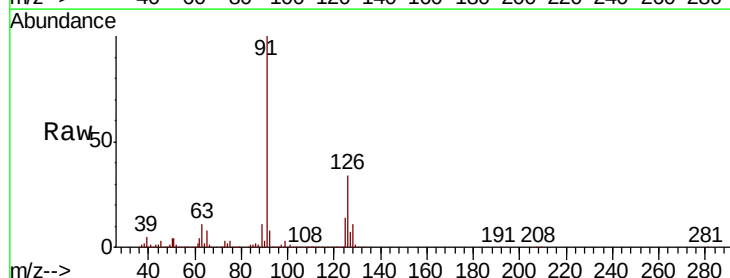
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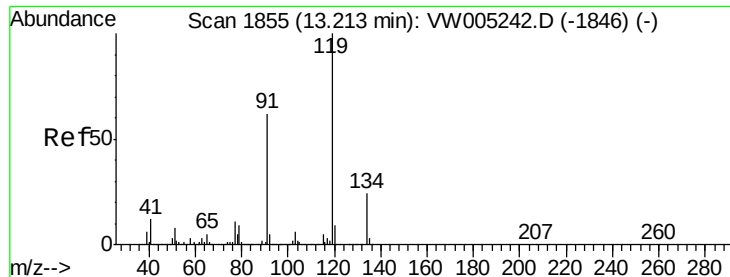
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#82
4-Chlorotoluene
Concen: 53.34 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.5	52.5





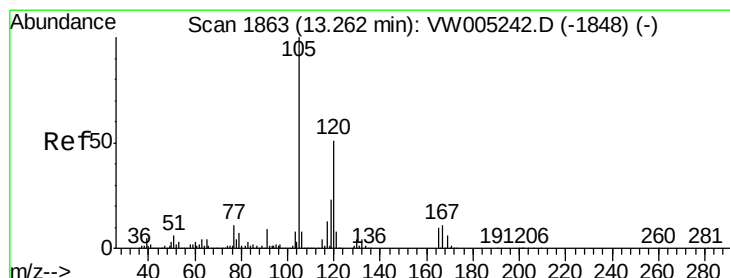
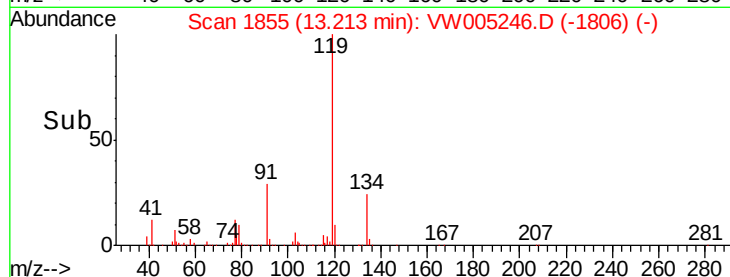
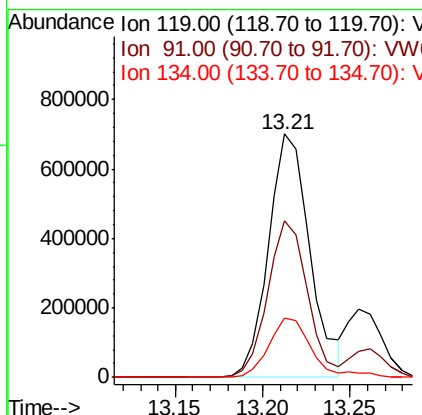
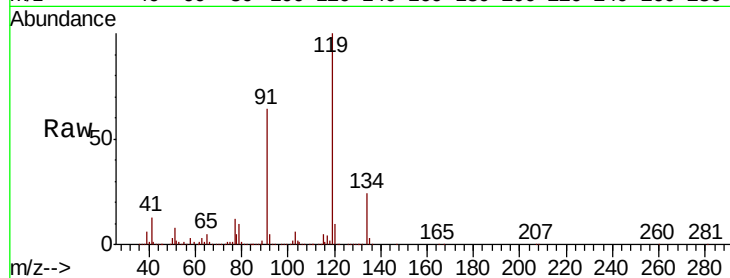
#83
 tert-Butylbenzene
 Concen: 54.31 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	31.7	95.1
134	25.3	13.0	38.9

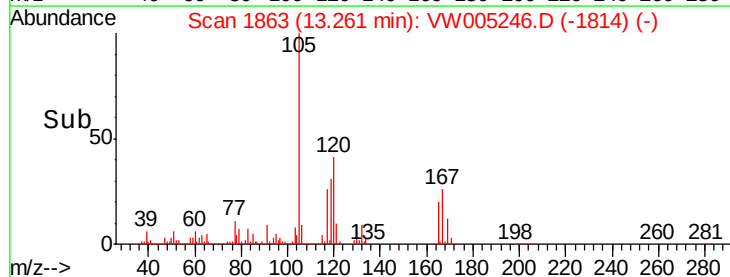
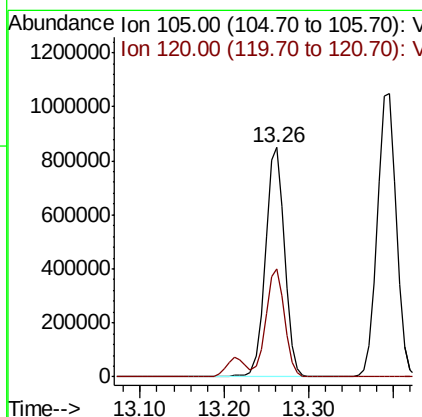
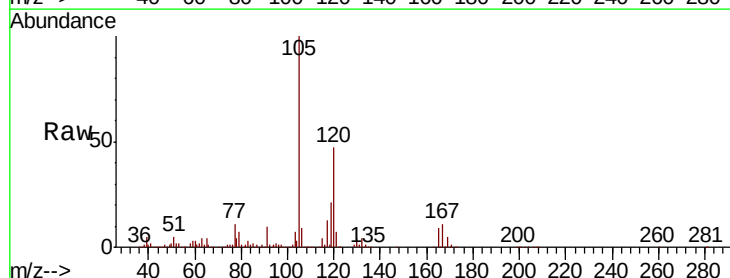
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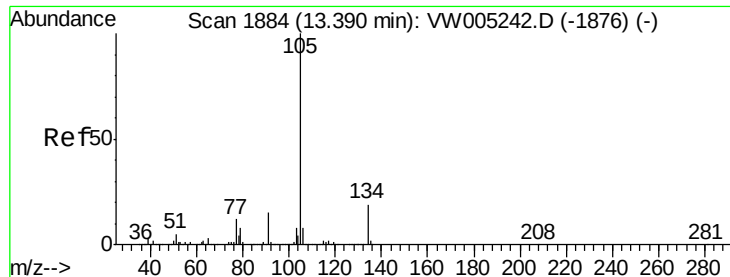
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.12 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.3





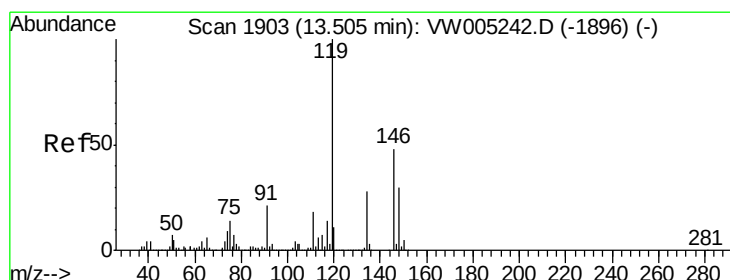
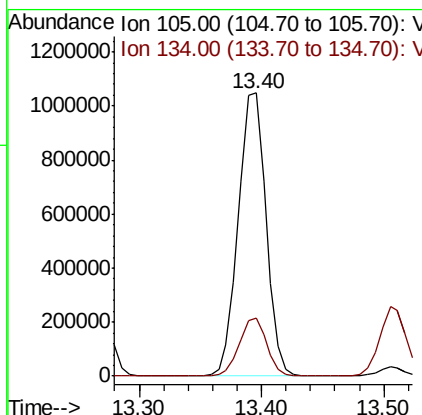
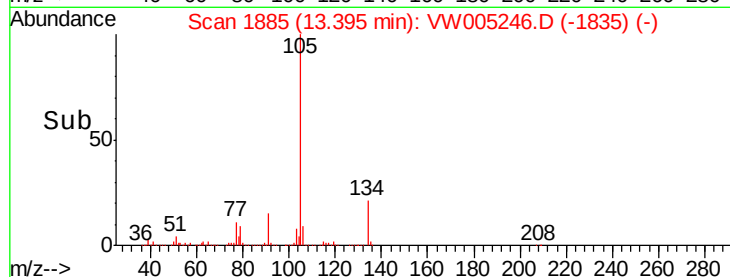
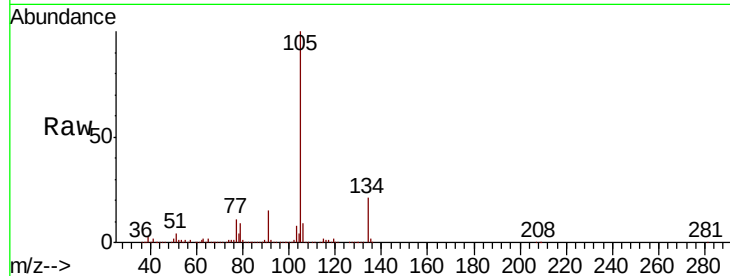
#85
 sec-Butylbenzene
 Concen: 53.91 ug/l
 RT: 13.40 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW091018

Tot Ion:105 Resp: 1651916
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

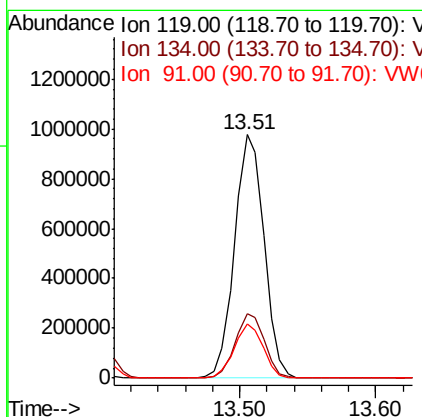
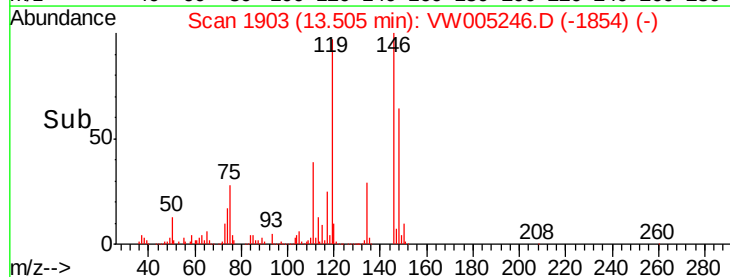
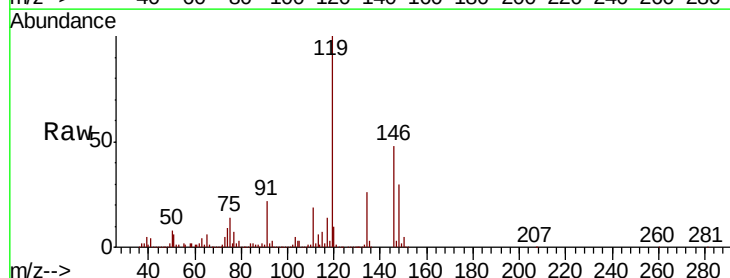
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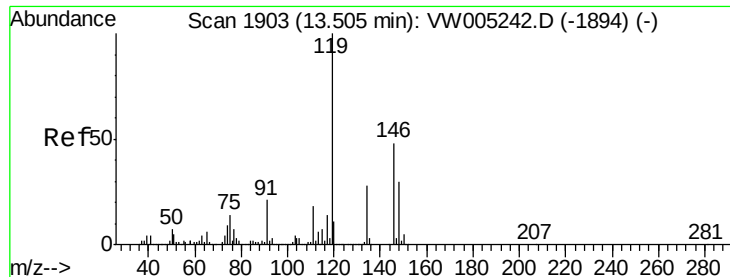
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#86
 p-Isopropyltoluene
 Concen: 54.13 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion:119 Resp: 1468294
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 21.7 10.7 32.1





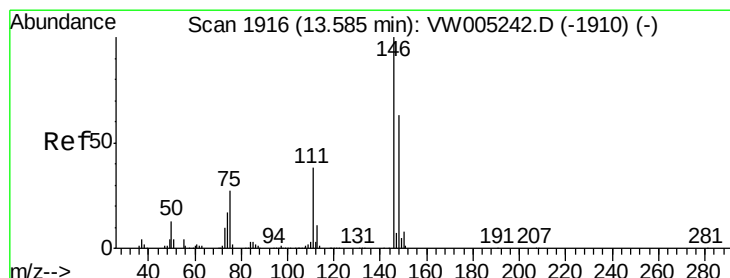
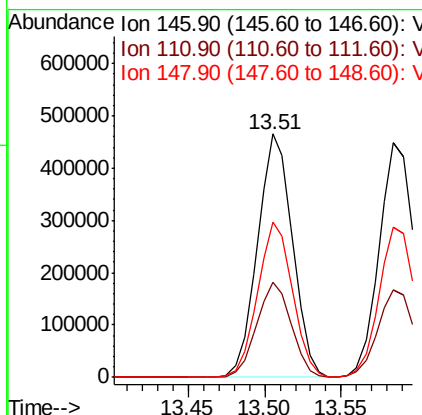
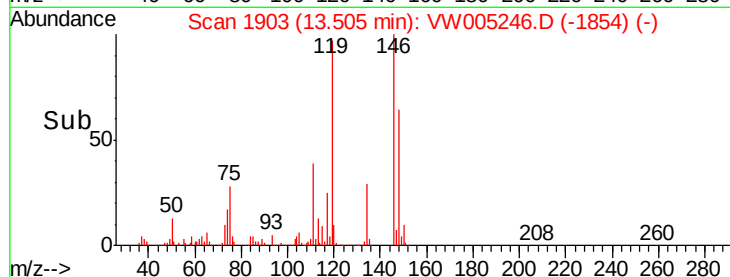
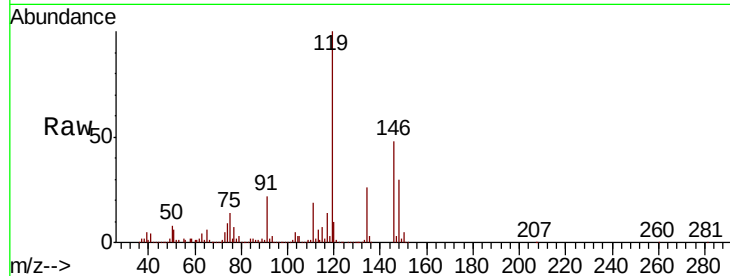
#87
 1,3-Dichlorobenzene
 Concen: 52.40 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion	Ratio	Resp	Lower	Upper
146	100	742132		
111	38.6	18.8	56.3	
148	63.5	31.6	94.8	

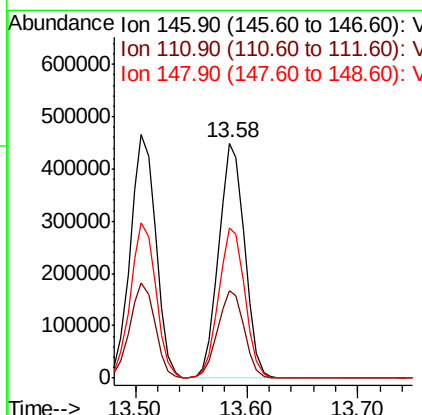
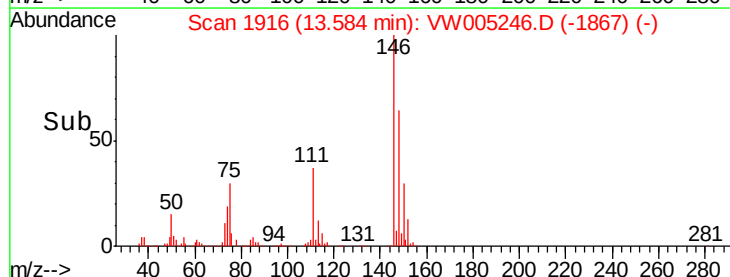
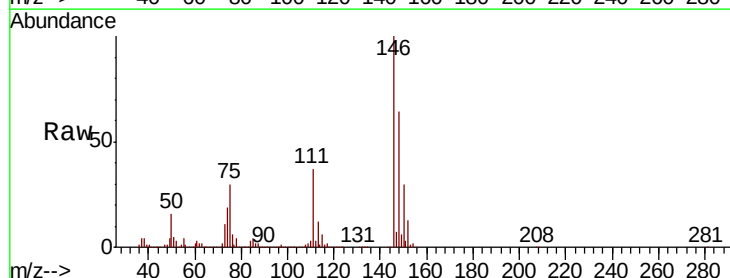
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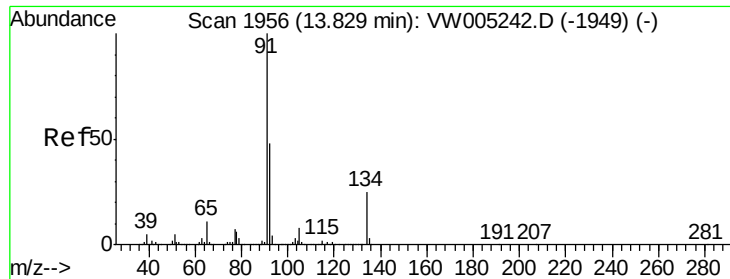
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#88
 1,4-Dichlorobenzene
 Concen: 51.81 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	720640		
111	38.0	19.1	57.3	
148	64.7	32.3	96.9	





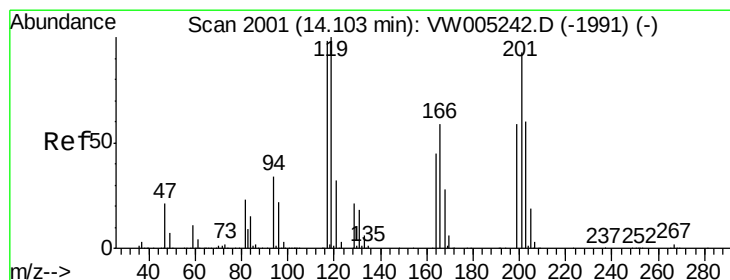
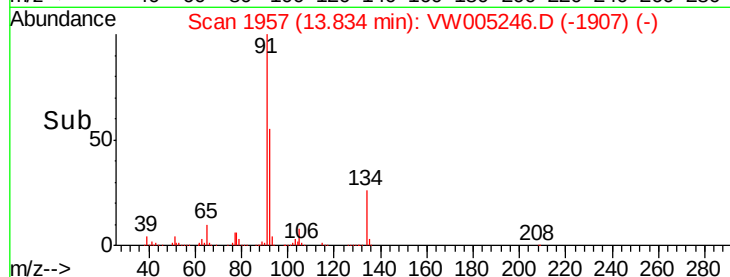
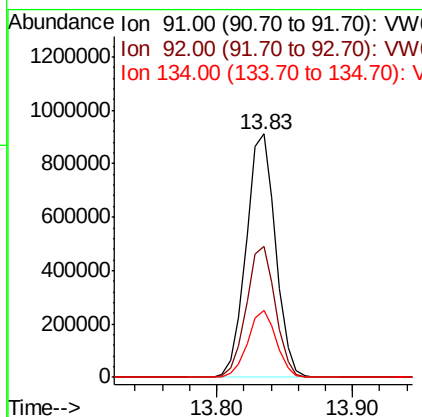
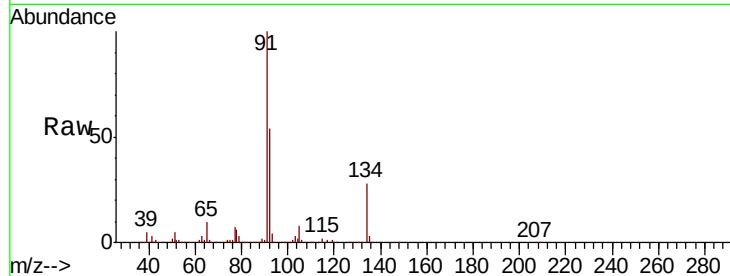
#89
n-Butylbenzene
Concen: 53.91 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	25.8	77.3
134	26.9	13.6	40.8

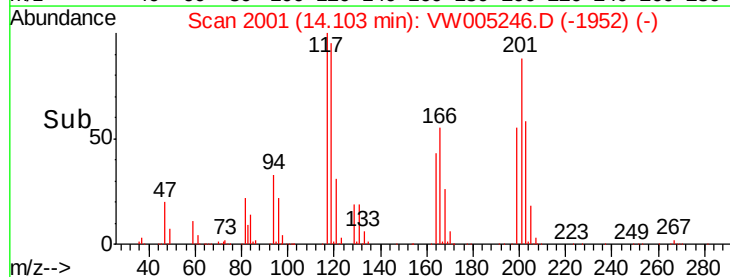
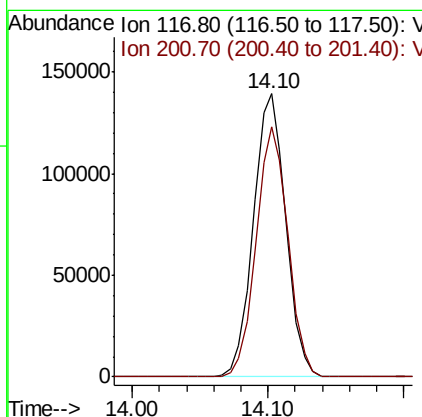
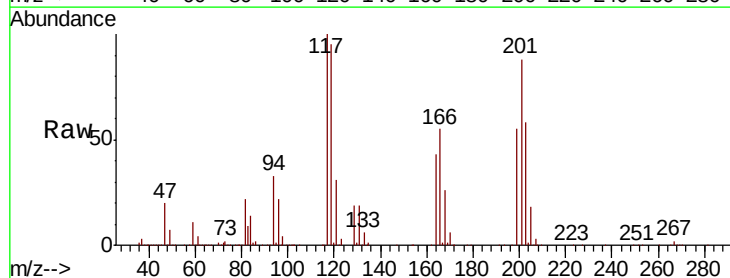
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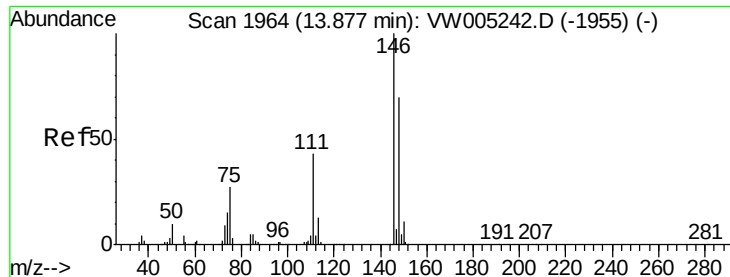
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#90
Hexachloroethane
Concen: 53.46 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	44.0	132.1





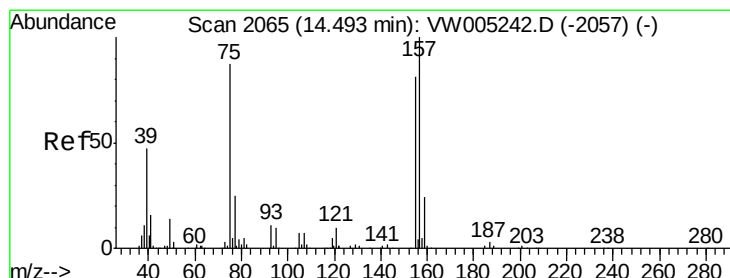
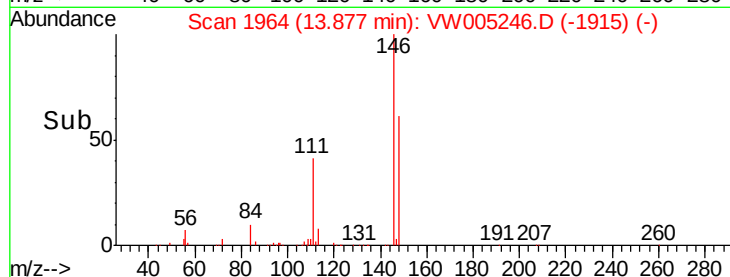
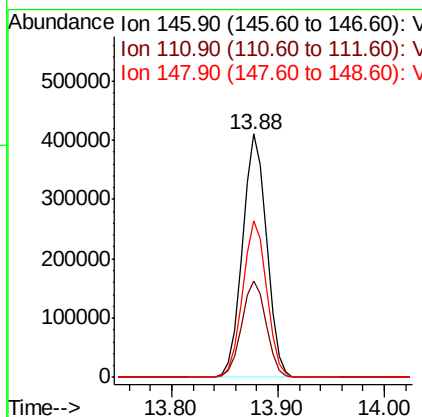
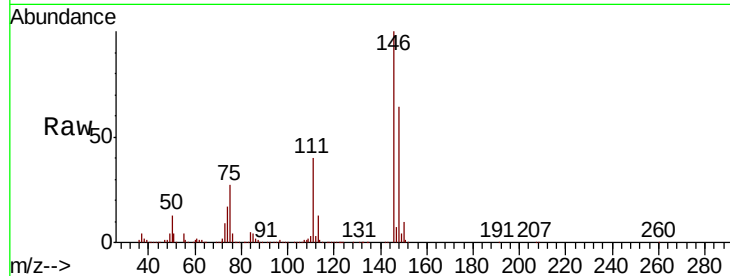
#91
 1,2-Dichlorobenzene
 Concen: 52.69 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.0	32.7	98.1

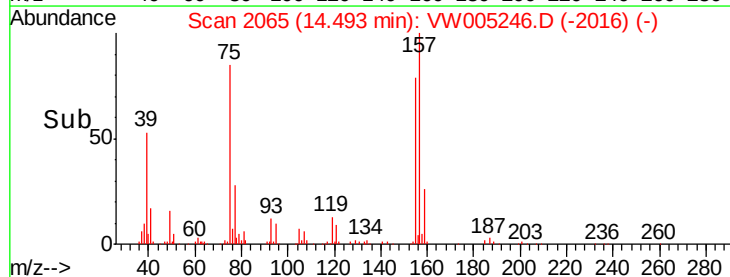
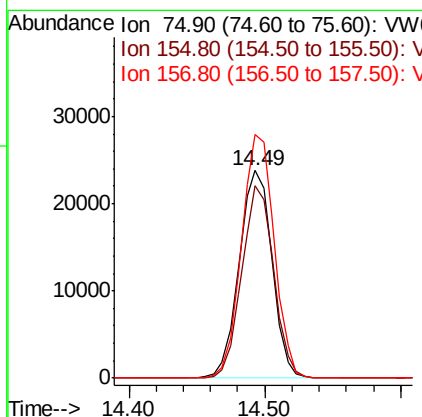
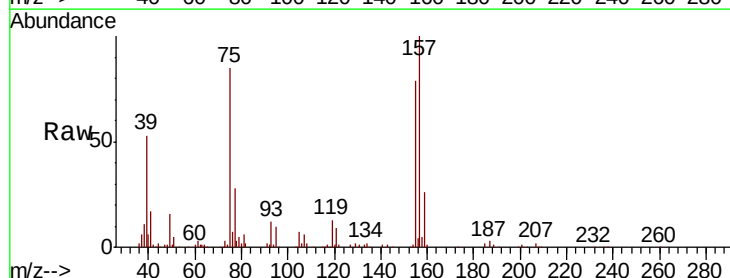
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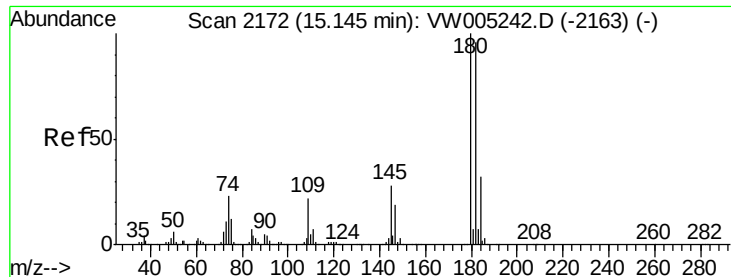
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.10 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	47.4	142.2
157	116.7	59.4	178.2





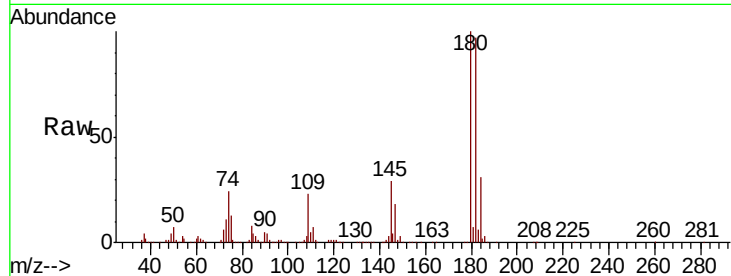
#93
 1,2,4-Trichlorobenzene
 Concen: 53.29 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Tot Ion	Ratio	Resp	Lower	Upper
180	100	469217		
182	95.7	48.1	144.4	
145	28.9	14.5	43.6	

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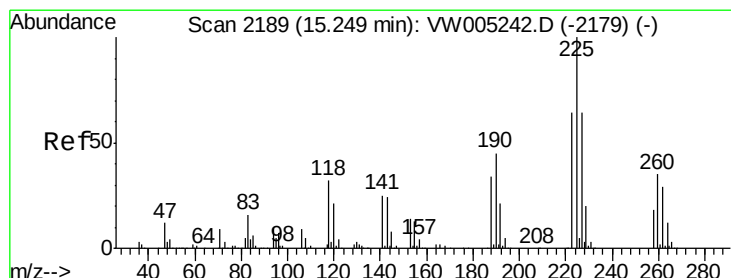
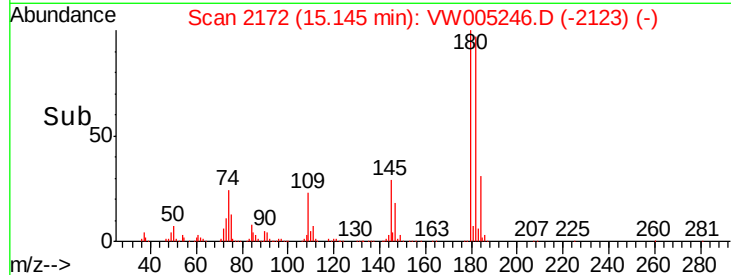
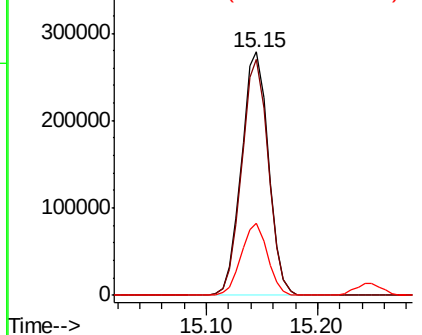


Abundance

Ion 179.80 (179.50 to 180.50): V

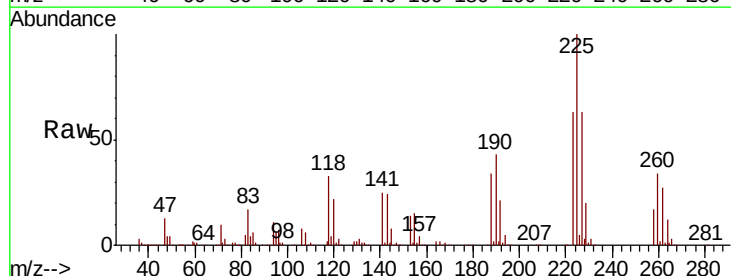
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.80 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	292062		
223	62.9	31.4	94.2	
227	64.1	32.0	96.0	

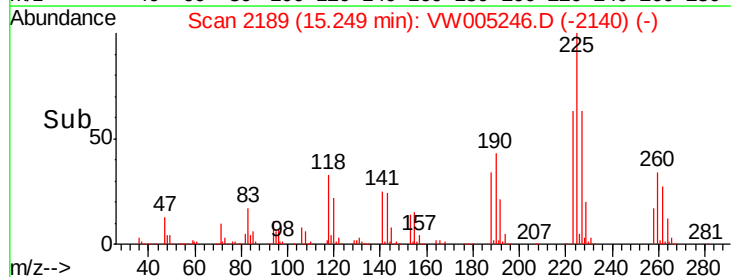
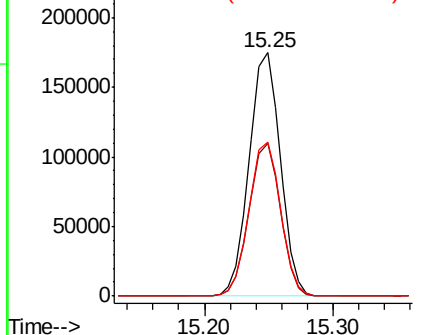


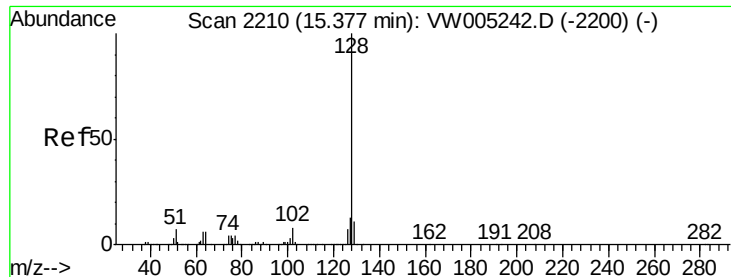
Abundance

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





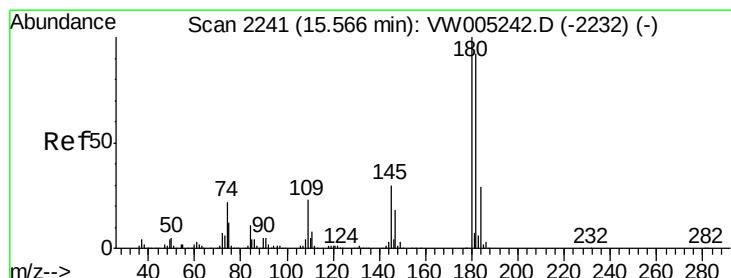
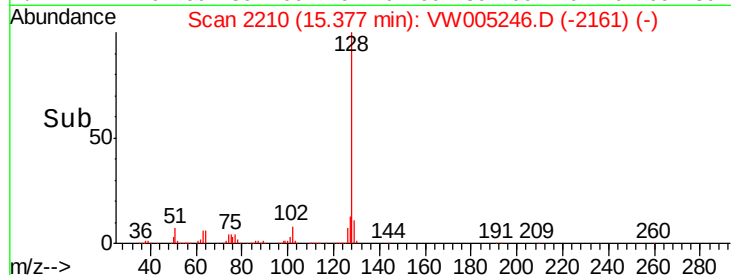
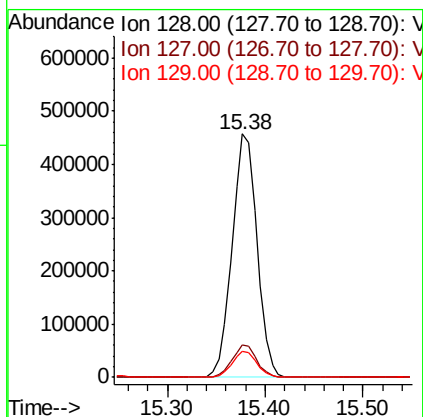
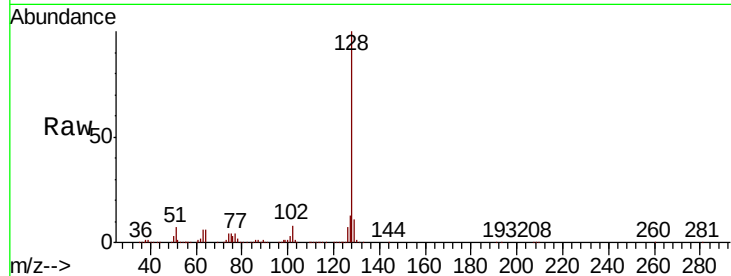
#95
Naphthalene
Concen: 56.56 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tot Ion	Ratio	Resp	Lower	Upper
128	100	807449		
127	13.0		10.3	15.5
129	10.8		8.8	13.2

Manual Integrations
APPROVED

apatel
9/11/2018 11:09:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.67 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	406678		
182	96.1		47.2	141.6
145	31.1		15.2	45.6

