

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005890.D
 Acq On : 08 Oct 2018 12:14
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

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 10/9/2018 4:12:08 PM

Quant Time: Oct 09 02:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	347784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	510713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	466305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	253979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	243190	72.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.06%	
35) Dibromofluoromethane	7.88	113	236525	72.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.08%	
50) Toluene-d8	10.33	98	914973	72.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.86%	
62) 4-Bromofluorobenzene	12.62	95	349255	73.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	132854	77.95	ug/l	97
3) Chloromethane	2.21	50	138111	68.89	ug/l	98
4) Vinyl Chloride	2.37	62	240439	75.55	ug/l	97
5) Bromomethane	2.78	94	187672	74.72	ug/l	97
6) Chloroethane	2.93	64	150440	74.19	ug/l	99
7) Trichlorofluoromethane	3.26	101	177352	70.20	ug/l	97
8) Diethyl Ether	3.68	74	116069	74.65	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	228563	71.69	ug/l	99
10) Methyl Iodide	4.27	142	379506	72.79	ug/l	99
11) Tert butyl alcohol	5.21	59	84247	340.48	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	218365	71.32	ug/l	99
13) Acrolein	3.89	56	71622	324.82	ug/l	98
14) Allyl chloride	4.67	41	369517	70.78	ug/l	100
15) Acrylonitrile	5.37	53	246333	364.05	ug/l	99
16) Acetone	4.14	43	223667	331.67	ug/l	96
17) Carbon Disulfide	4.38	76	687135	74.24	ug/l	99
18) Methyl Acetate	4.68	43	128679	75.61	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	342759	71.96	ug/l	100
20) Methylene Chloride	4.92	84	223396	66.12	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	243986	73.12	ug/l	99
22) Diisopropyl ether	6.32	45	706615	72.40	ug/l	98
23) Vinyl Acetate	6.26	43	2185579	363.83	ug/l	100
24) 1,1-Dichloroethane	6.21	63	432653	72.44	ug/l	99
25) 2-Butanone	7.18	43	337522	351.89	ug/l	100
26) 2,2-Dichloropropane	7.17	77	285895	68.01	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	271347	71.91	ug/l	100
28) Bromochloromethane	7.51	49	147890	67.08	ug/l	99
29) Tetrahydrofuran	7.54	42	217361	358.48	ug/l	100
30) Chloroform	7.68	83	443759	72.33	ug/l	99
31) Cyclohexane	7.96	56	405609	68.62	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	390818	71.53	ug/l	99
36) 1,1-Dichloropropene	8.09	75	357487	73.05	ug/l	99
37) Ethyl Acetate	7.26	43	147183	71.02	ug/l	99
38) Carbon Tetrachloride	8.07	117	386271	73.47	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	477660	74.00	ug/l	99
40) Benzene	8.32	78	976629	72.92	ug/l	99
41) Methacrylonitrile	7.49	41	92071	70.97	ug/l	96
42) 1,2-Dichloroethane	8.40	62	295526	73.03	ug/l	100
43) Isopropyl Acetate	8.43	43	318713	73.62	ug/l	99
44) Trichloroethene	9.09	130	286415	73.70	ug/l	97
45) 1,2-Dichloropropane	9.37	63	244607	72.96	ug/l	97
46) Dibromomethane	9.46	93	134452	72.97	ug/l	100
47) Bromodichloromethane	9.65	83	338446	72.99	ug/l	97
48) Methyl methacrylate	9.44	41	151876	73.65	ug/l	98
49) 1,4-Dioxane	9.47	88	41697	1489.80	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	781046	370.51	ug/l	100
52) Toluene	10.39	92	637965	72.50	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	357186	73.71	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	395140	72.54	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	183548	71.92	ug/l	98
56) Ethyl methacrylate	10.65	69	251470	73.11	ug/l	100
57) 1,3-Dichloropropane	10.93	76	311205	72.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	484296	346.02	ug/l	99
59) 2-Hexanone	10.97	43	548948	363.19	ug/l	100
60) Dibromochloromethane	11.13	129	243170	73.84	ug/l	100
61) 1,2-Dibromoethane	11.24	107	186080	72.96	ug/l	99
64) Tetrachloroethene	10.87	164	252714	72.75	ug/l	100
65) Chlorobenzene	11.66	112	722484	72.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	270016	73.75	ug/l	99
67) Ethyl Benzene	11.74	91	1274250	72.23	ug/l	98
68) m/p-Xylenes	11.84	106	1000723	145.15	ug/l	100
69) o-Xylene	12.17	106	480072	72.73	ug/l	100
70) Styrene	12.18	104	798844	72.94	ug/l	100
71) Bromoform	12.35	173	162485	74.51	ug/l #	99
73) Isopropylbenzene	12.47	105	1336203	72.04	ug/l	100
74) N-amyl acetate	12.27	43	320391	72.73	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	218676	71.93	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	168294m	43.29	ug/l	
77) Bromobenzene	12.75	156	321919	73.25	ug/l	100
78) n-propylbenzene	12.81	91	1576352	72.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	889545	72.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1134380	72.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	78534	73.08	ug/l	99
82) 4-Chlorotoluene	12.99	91	948225	73.17	ug/l	100
83) tert-Butylbenzene	13.21	119	1010361	72.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1149176	72.75	ug/l	100
85) sec-Butylbenzene	13.39	105	1420422	72.65	ug/l	100
86) p-Isopropyltoluene	13.51	119	1275303	72.54	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	634816	72.71	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	626592	72.22	ug/l	100
89) n-Butylbenzene	13.83	91	1210026	73.01	ug/l	99
90) Hexachloroethane	14.10	117	241544	73.05	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	570033	73.54	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41132	72.60	ug/l	98

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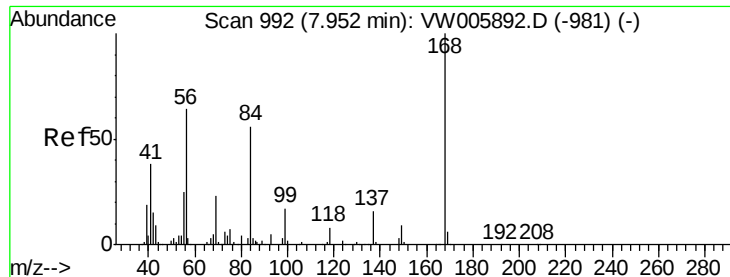
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	437318	72.76	ug/l	100
94) Hexachlorobutadiene	15.24	225	271875	72.47	ug/l	99
95) Naphthalene	15.38	128	766052	73.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	380524	73.12	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion:168 Resp: 347784

Ion Ratio Lower Upper

168 100

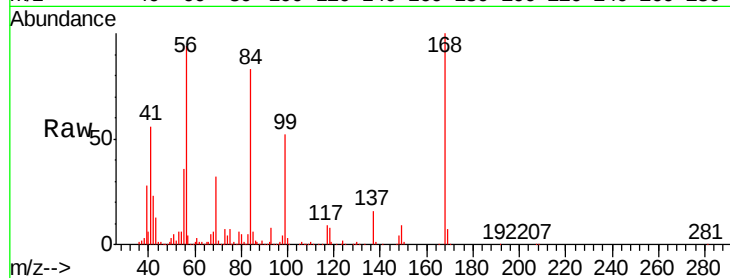
99 51.6 40.9 61.3

Manual Integrations

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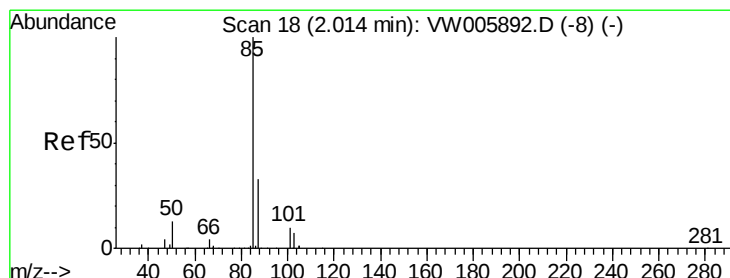
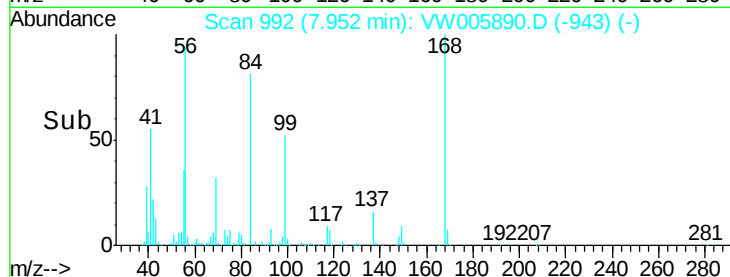
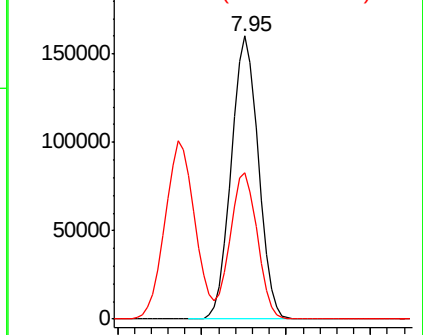
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 77.95 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005890.D

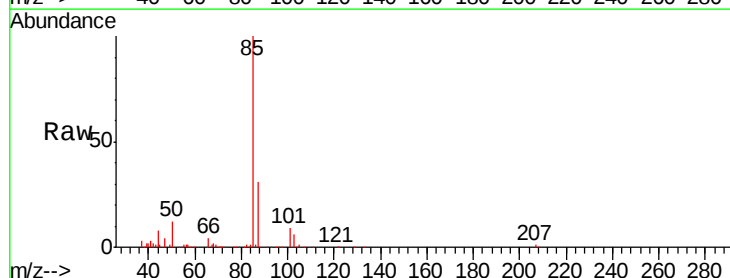
Acq: 08 Oct 2018 12:14

Tgt Ion: 85 Resp: 132854

Ion Ratio Lower Upper

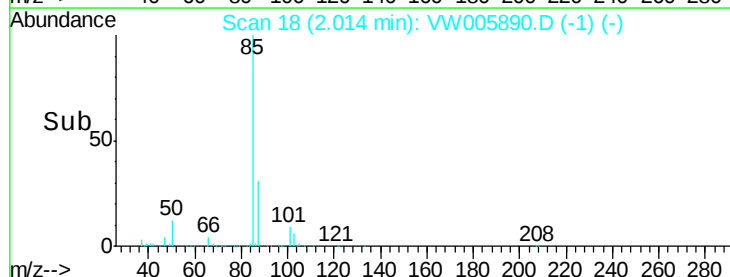
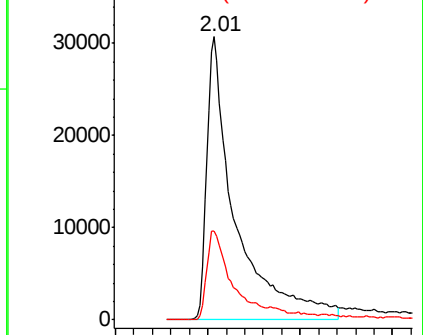
85 100

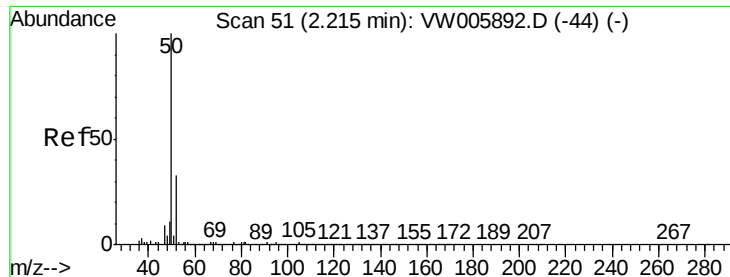
87 31.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 68.89 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 50 Resp: 138111

Ion Ratio Lower Upper

50 100

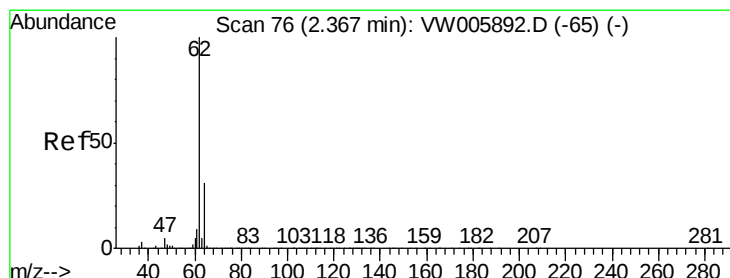
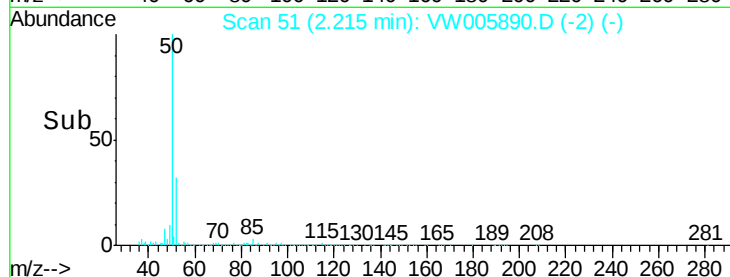
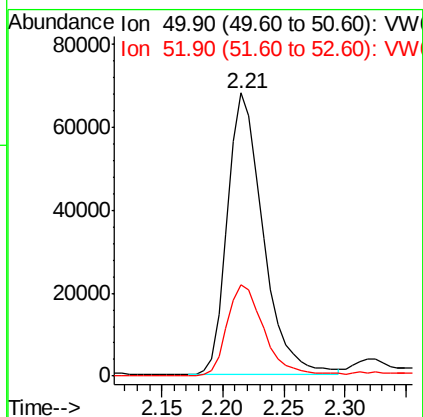
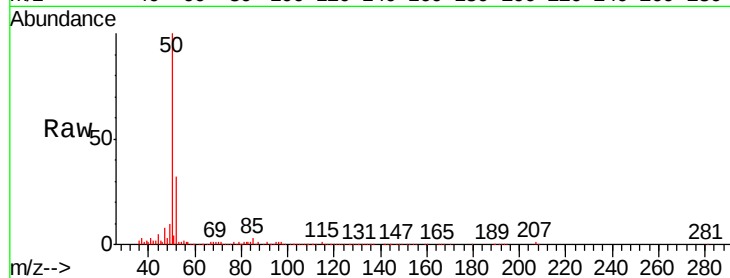
52 32.2 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 75.55 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005890.D

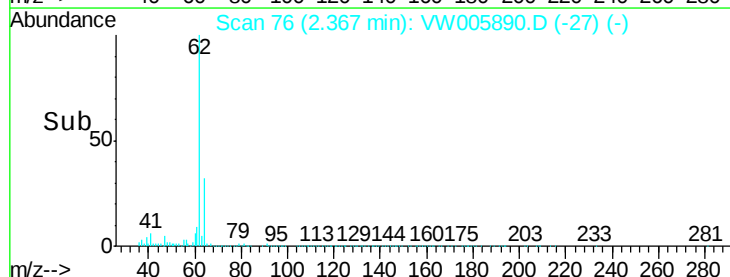
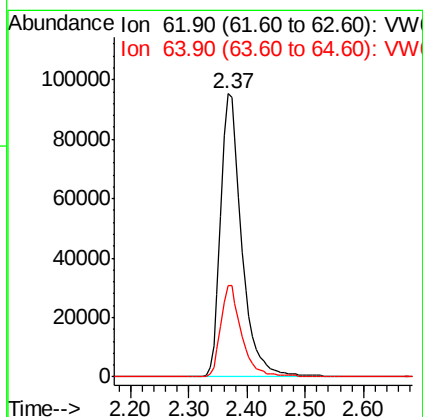
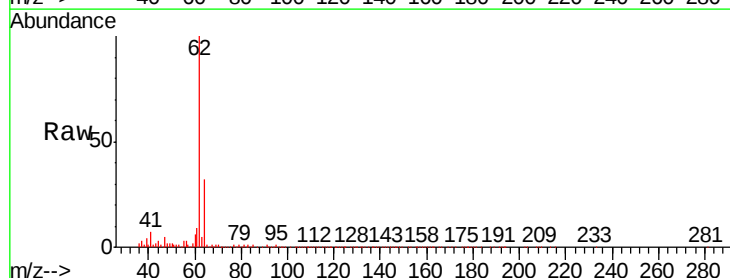
Acq: 08 Oct 2018 12:14

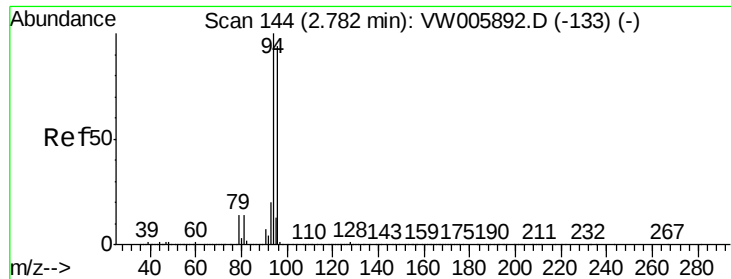
Tgt Ion: 62 Resp: 240439

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 74.72 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 94 Resp: 187672

Ion Ratio Lower Upper

94 100

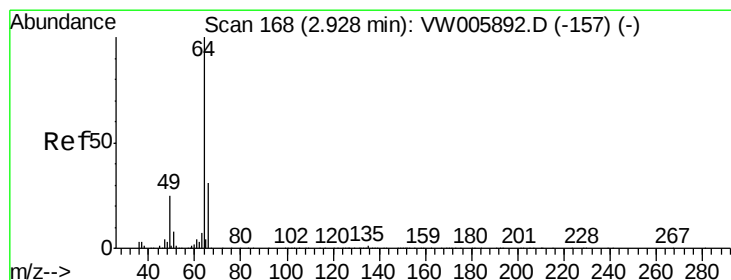
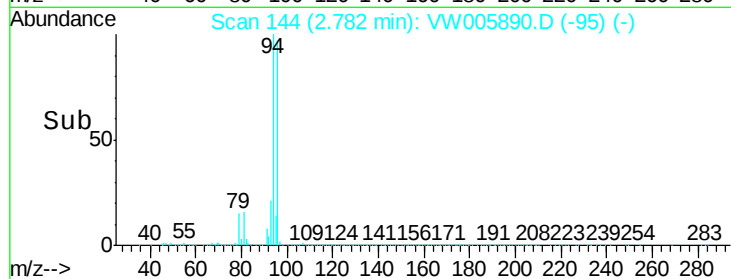
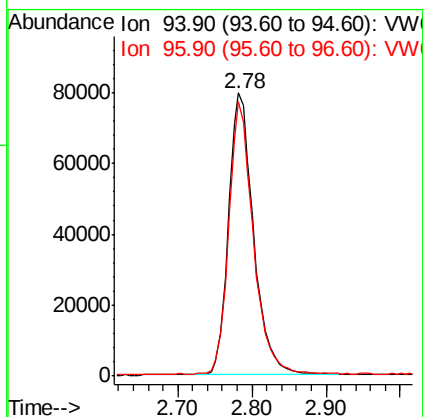
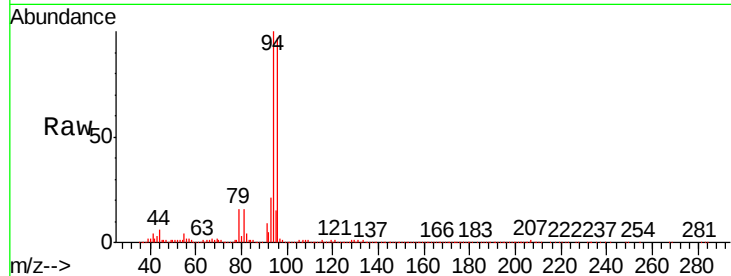
96 96.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 74.19 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005890.D

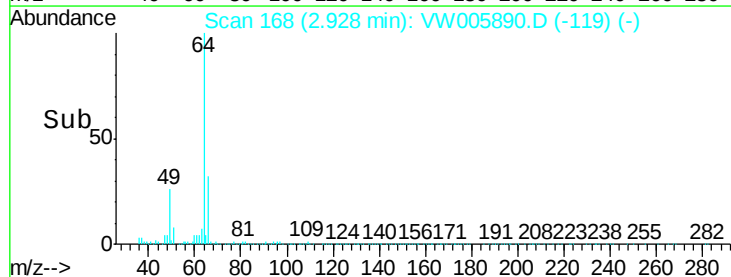
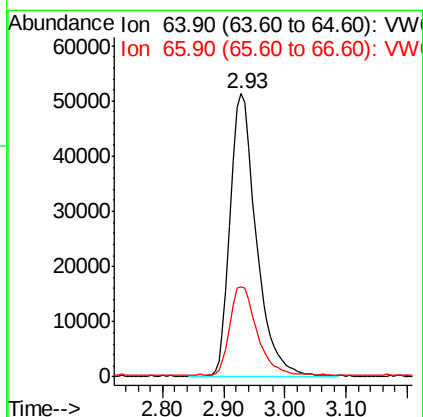
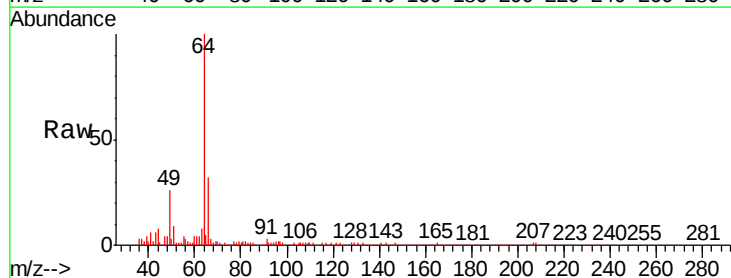
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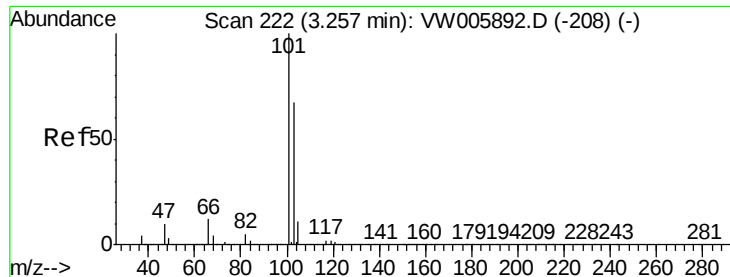
Tgt Ion: 64 Resp: 150440

Ion Ratio Lower Upper

64 100

66 31.5 25.0 37.4





#7

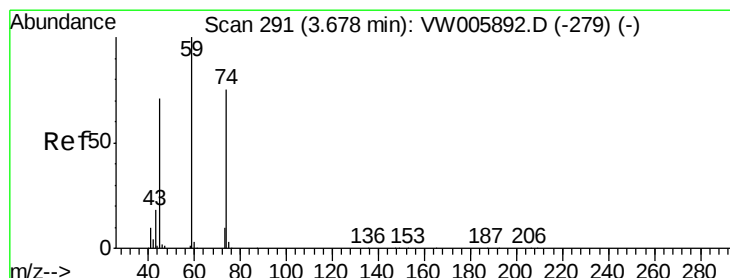
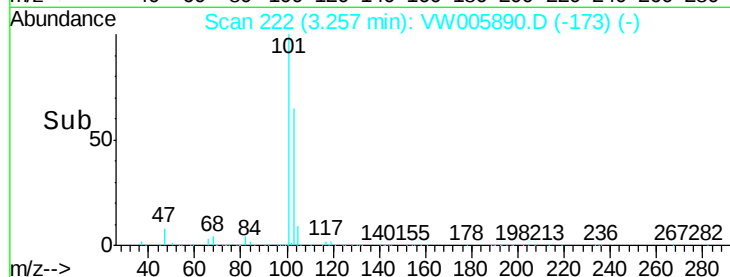
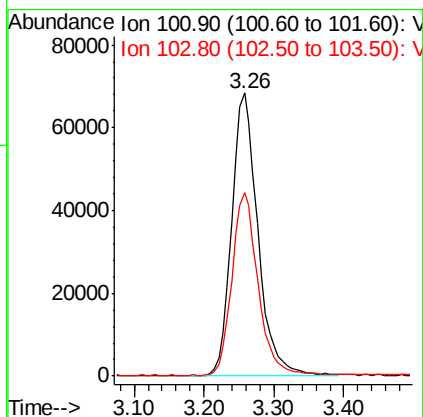
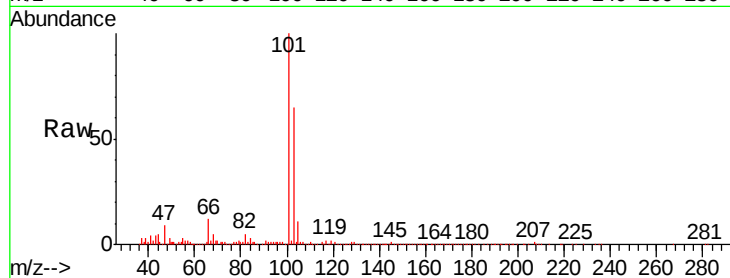
Trichlorofluoromethane
Concen: 70.20 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW005890.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	177352		
103	64.7	53.5	80.3	

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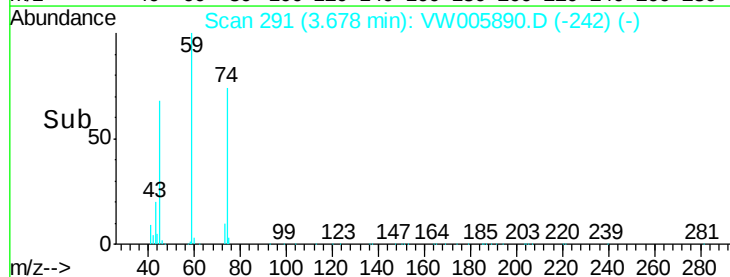
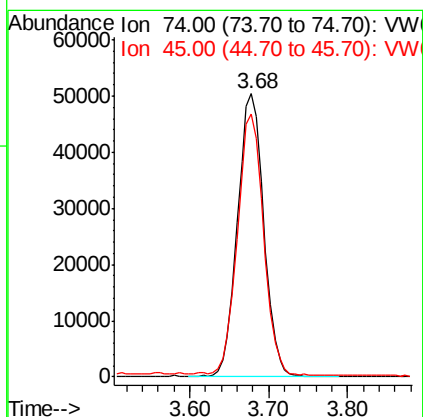
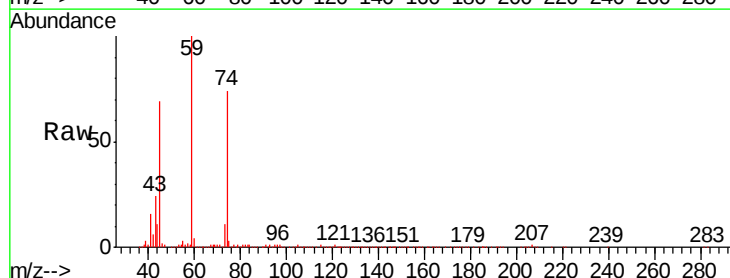
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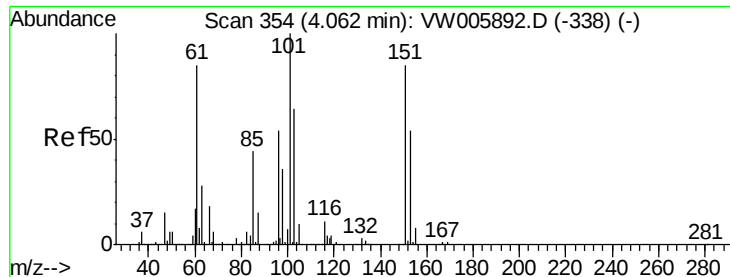


#8

Diethyl Ether
Concen: 74.65 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	116069		
45	92.8	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 71.69 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

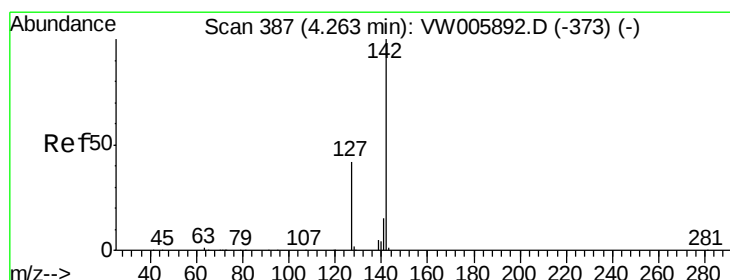
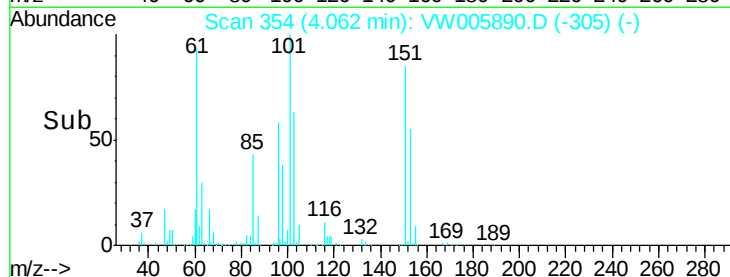
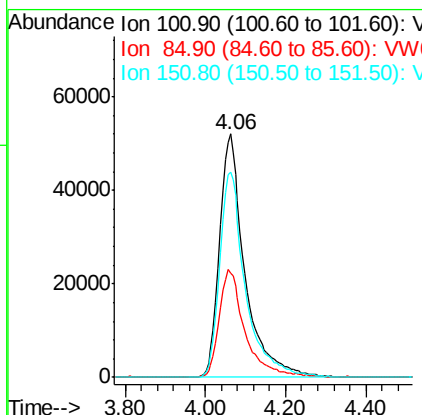
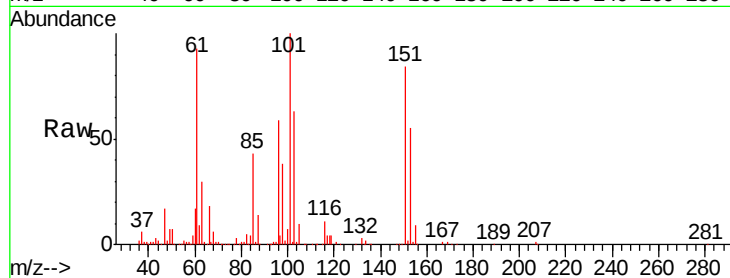
ClientSampleId :

VSTDIC075

Tgt Ion:	101	Resp:	228563
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.1	52.7
151	86.1	67.7	101.5

Manual Integrations
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#10

Methyl Iodide

Concen: 72.79 ug/l

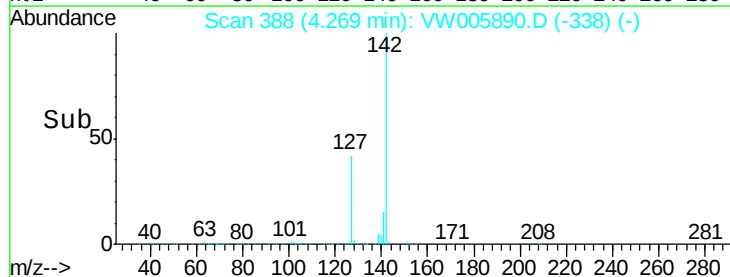
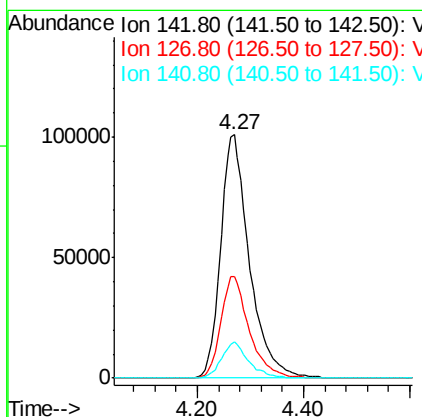
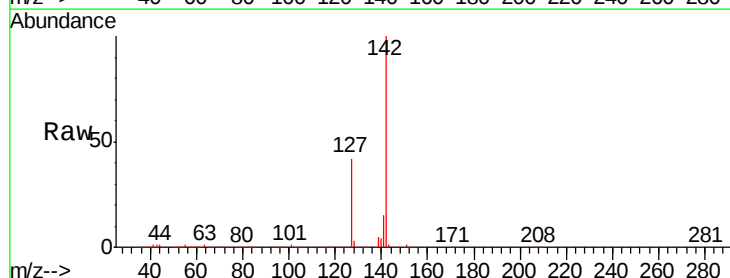
RT: 4.27 min Scan# 388

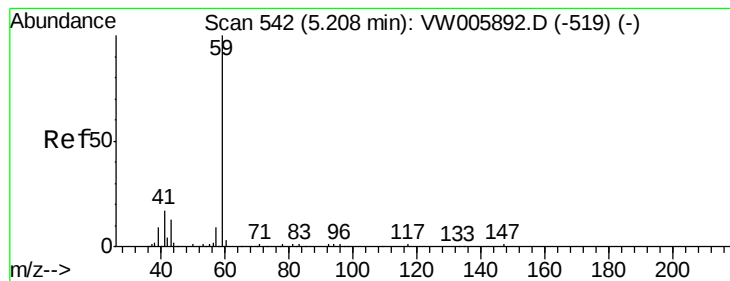
Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	142	Resp:	379506
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.7	50.5
141	14.3	11.5	17.3





#11

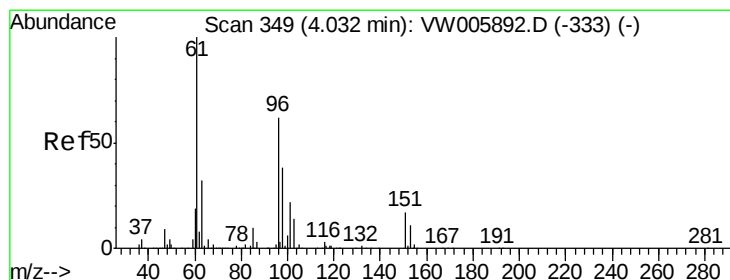
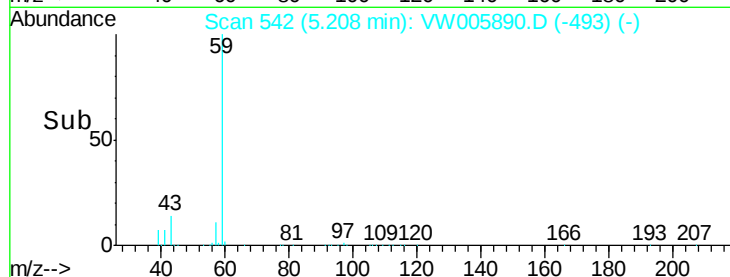
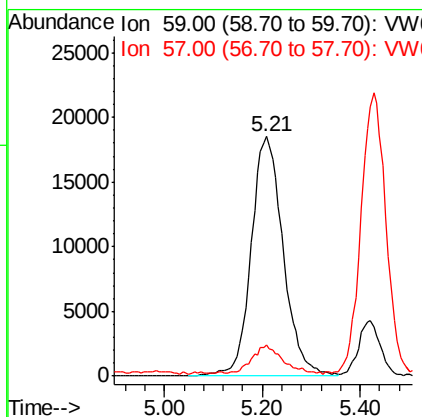
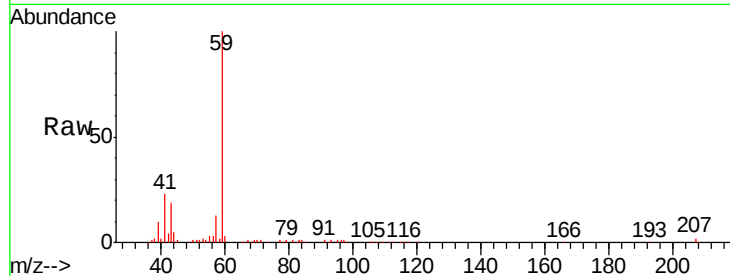
Tert butyl alcohol
Concen: 340.48 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

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

Manual Integrations
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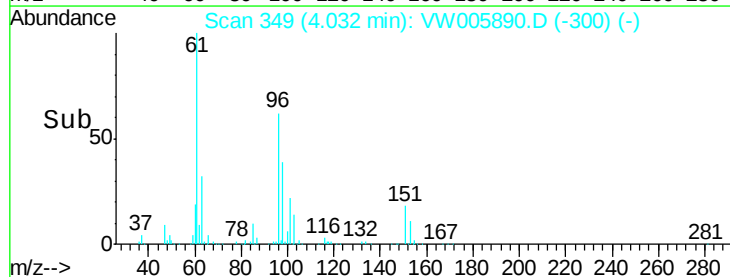
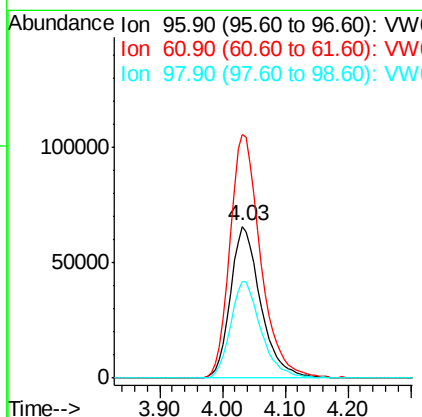
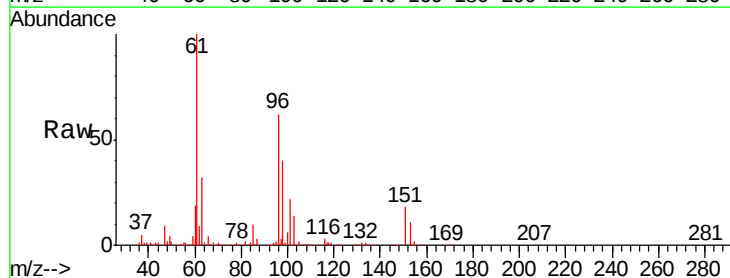
apatel
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#12

1,1-Dichloroethene
Concen: 71.32 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	128.6	193.0
98	63.4	49.4	74.0





#13

Acrolein

Concen: 324.82 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 56 Resp: 71622

Ion Ratio Lower Upper

56 100

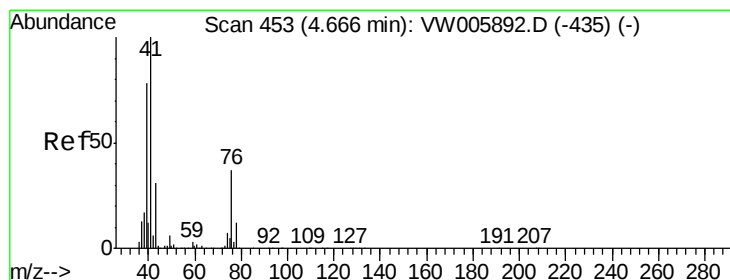
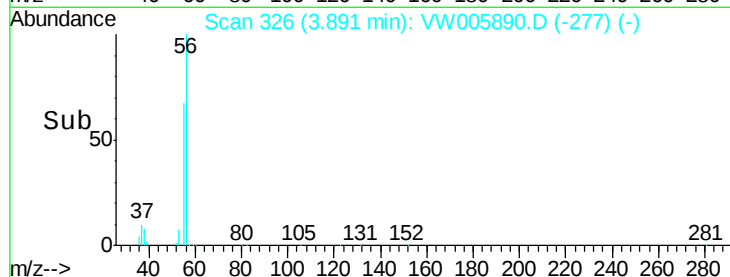
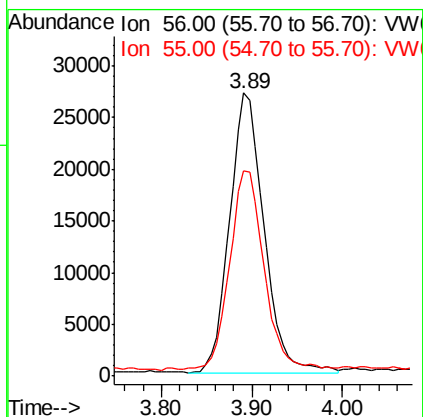
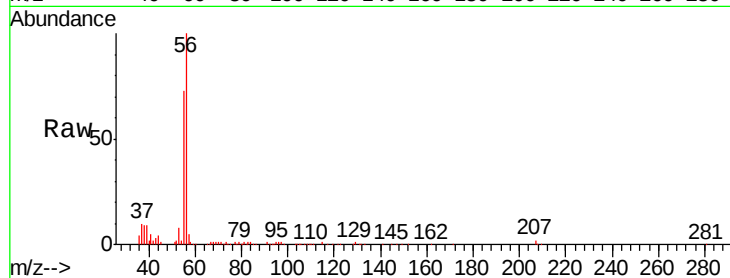
55 69.7 54.6 82.0

Manual Integrations

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#14

Allyl chloride

Concen: 70.78 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

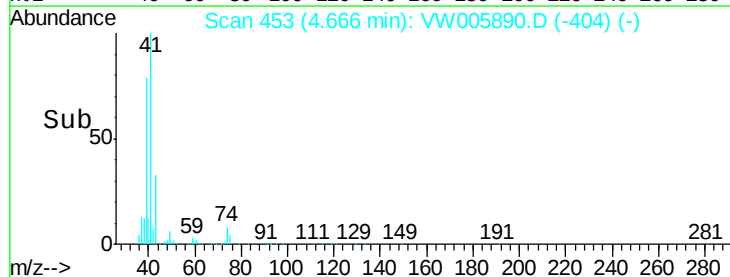
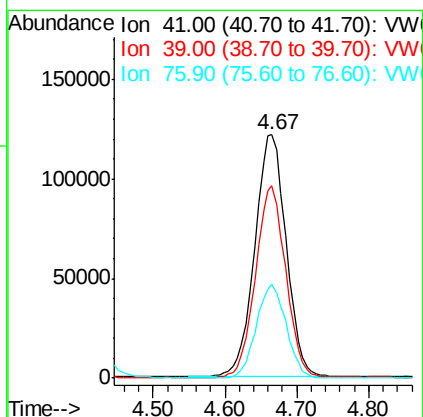
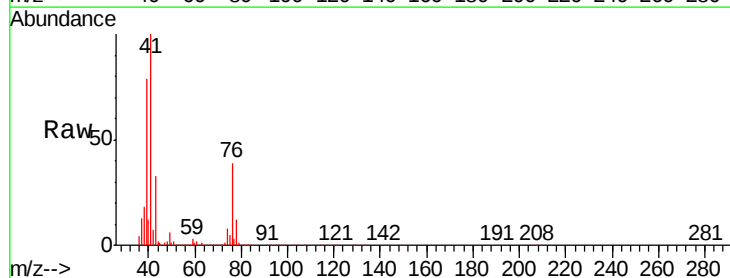
Tgt Ion: 41 Resp: 369517

Ion Ratio Lower Upper

41 100

39 76.1 60.8 91.2

76 36.8 29.6 44.4





#15

Acrylonitrile

Concen: 364.05 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

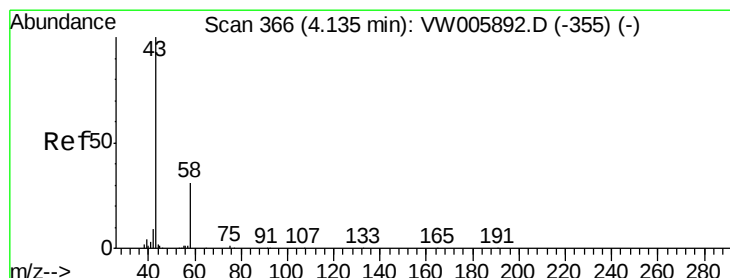
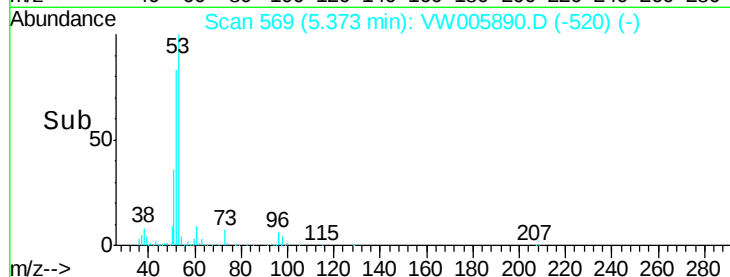
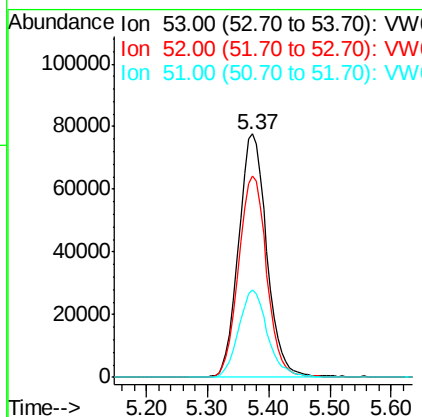
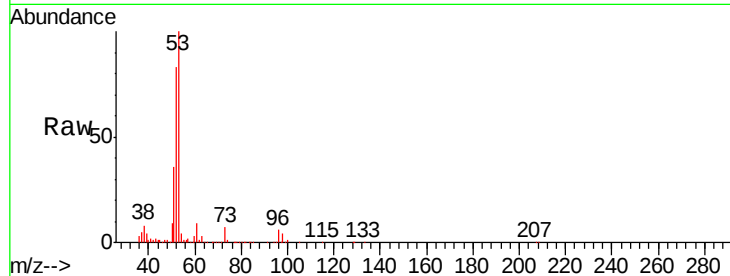
ClientSampleId :

VSTDIC075

Tgt Ion:	53	Resp:	246333
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.8	100.2
51	36.7	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 331.67 ug/l

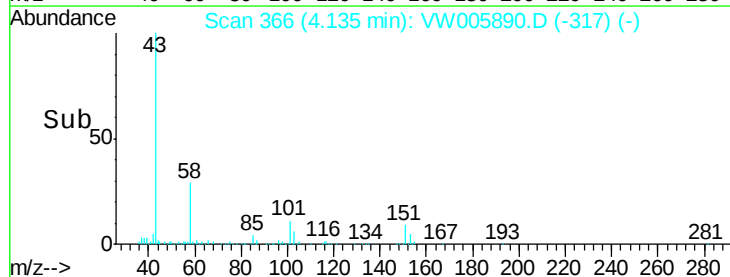
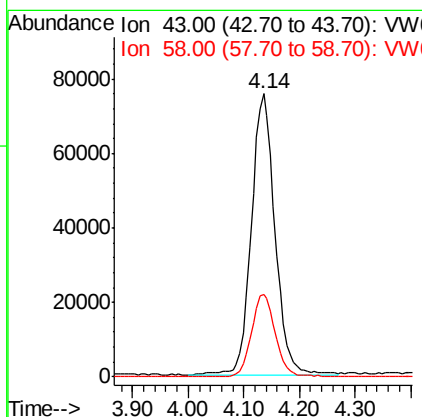
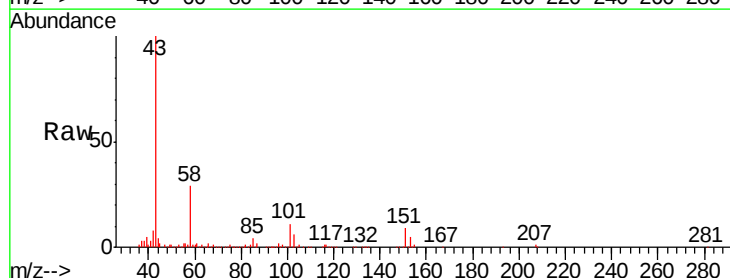
RT: 4.14 min Scan# 366

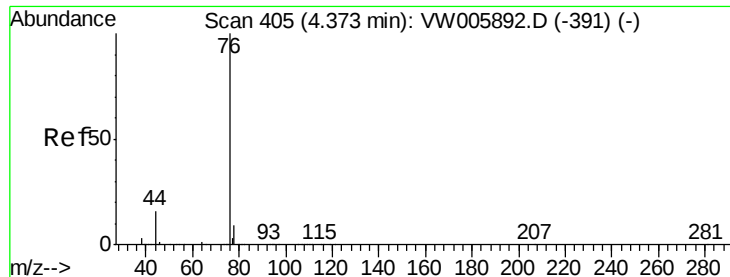
Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	43	Resp:	223667
Ion Ratio	Lower	Upper	
43	100		
58	29.0	24.7	37.1





#17

Carbon Disulfide

Concen: 74.24 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 687135

Ion Ratio Lower Upper

76 100

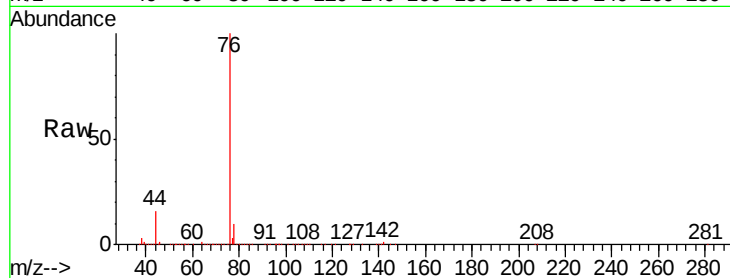
78 9.7 7.4 11.0

Manual Integrations

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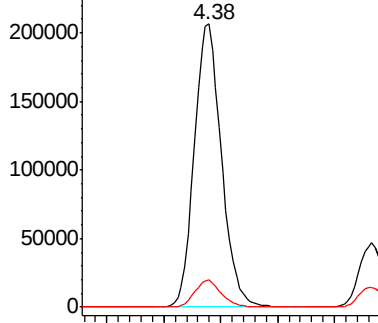
apatel

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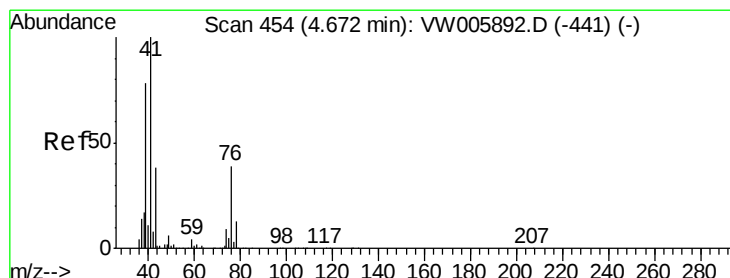
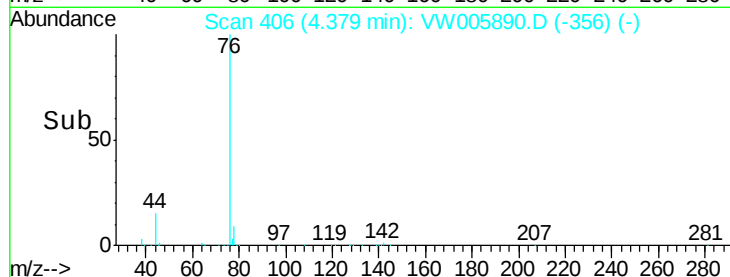


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 75.61 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005890.D

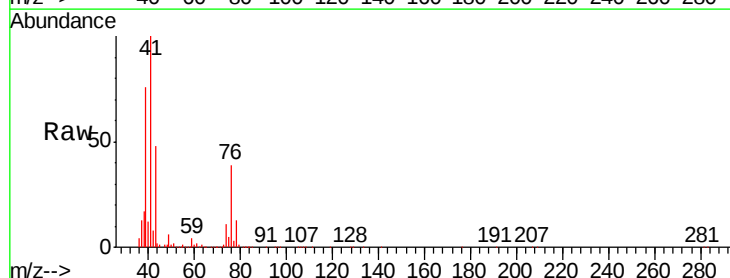
Acq: 08 Oct 2018 12:14

Tgt Ion: 43 Resp: 128679

Ion Ratio Lower Upper

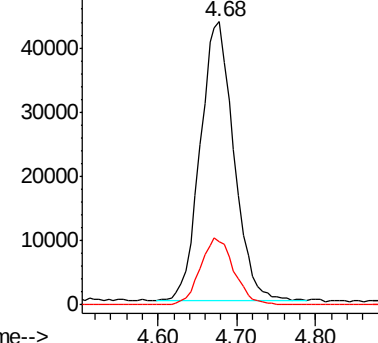
43 100

74 24.0 19.2 28.8

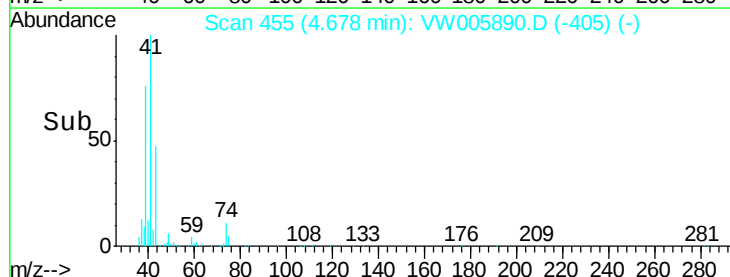


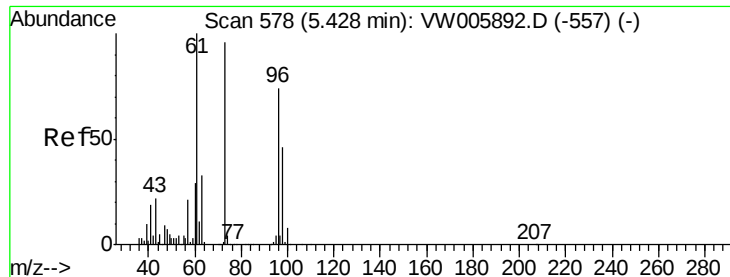
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->





#19

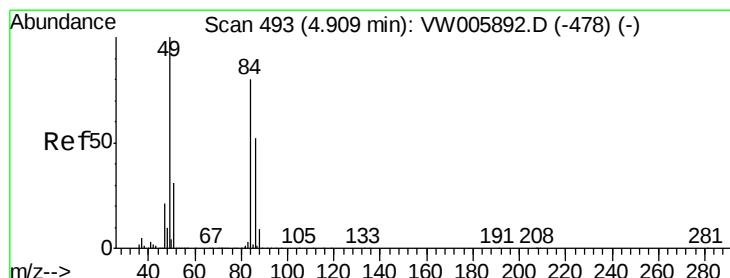
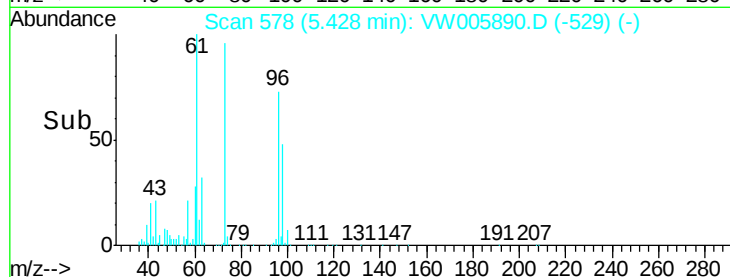
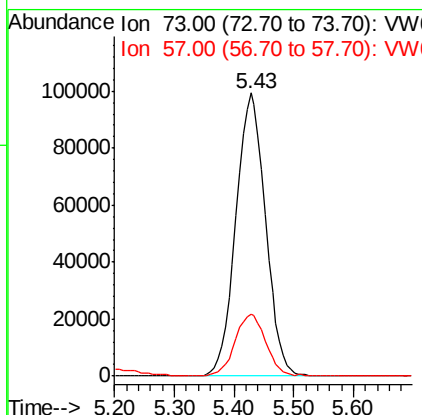
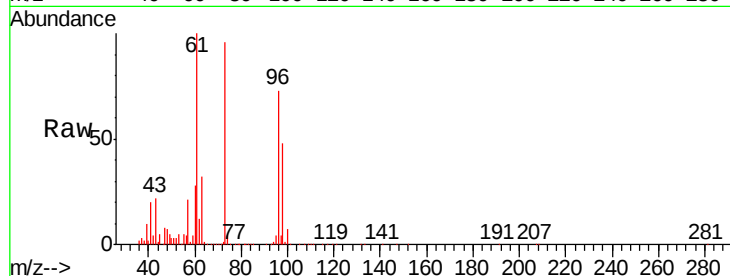
Methyl tert-butyl Ether
 Concen: 71.96 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

Manual Integrations
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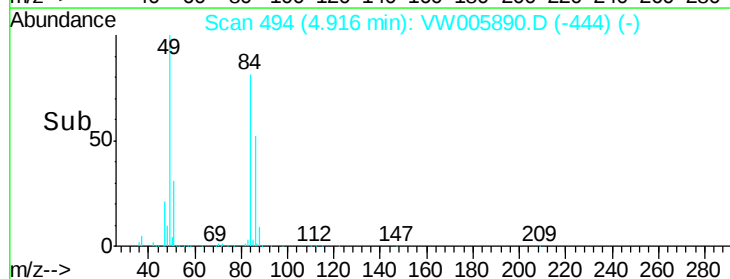
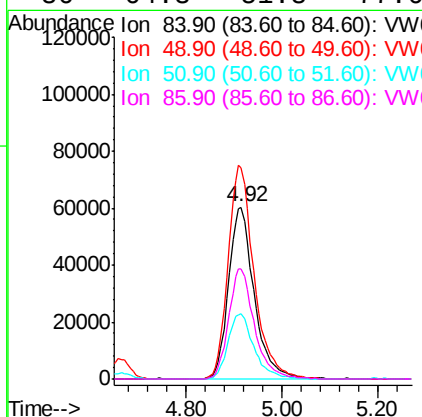
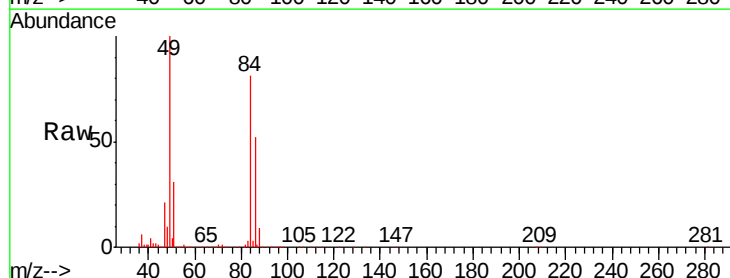
apatel
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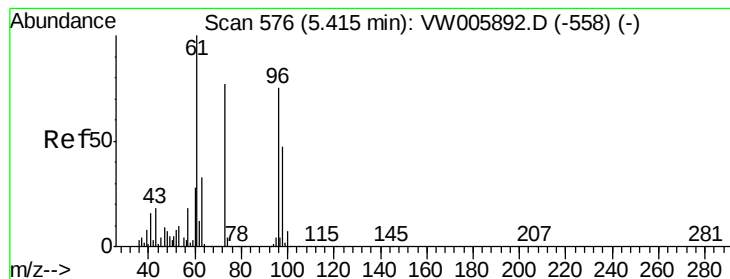


#20

Methylene Chloride
 Concen: 66.12 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	99.9	149.9
51	37.8	31.1	46.7
86	64.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 73.12 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

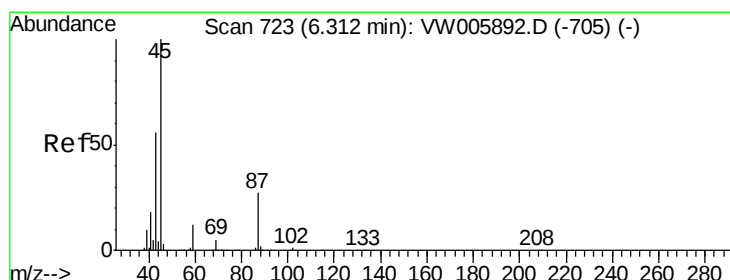
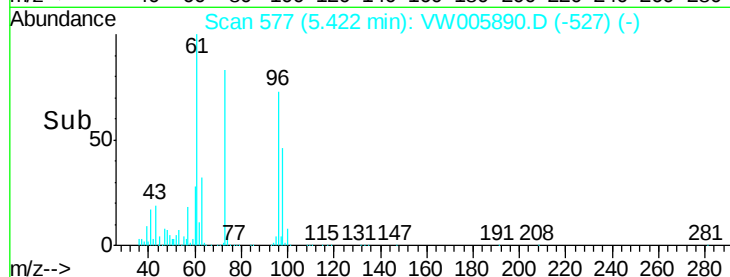
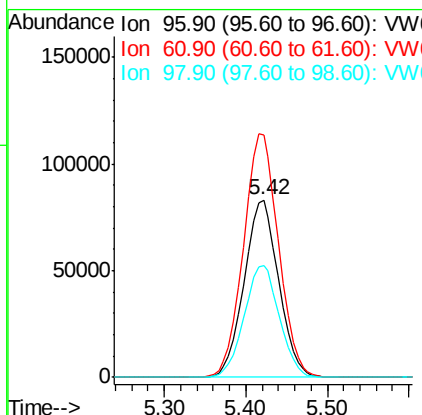
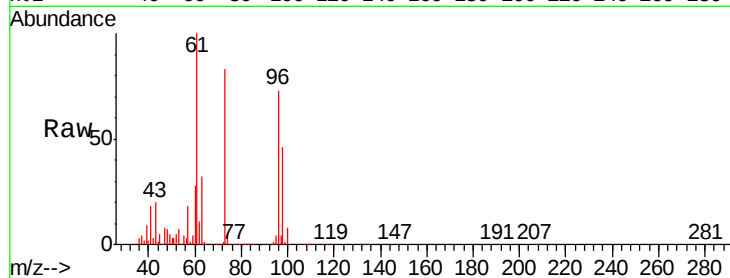
ClientSampled :

VSTDIC075

Tgt Ion:	96	Resp:	243986
Ion	Ratio	Lower	Upper
96	100		
61	136.5	107.4	161.0
98	63.2	50.8	76.2

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#22

Diisopropyl ether

Concen: 72.40 ug/l

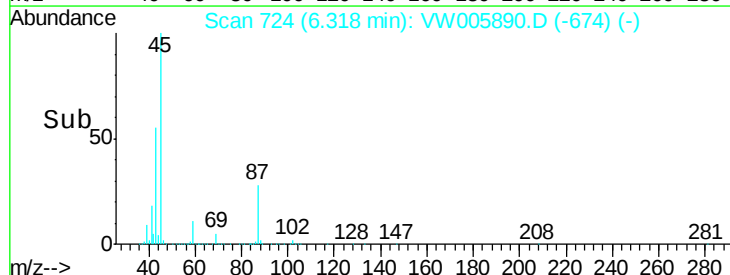
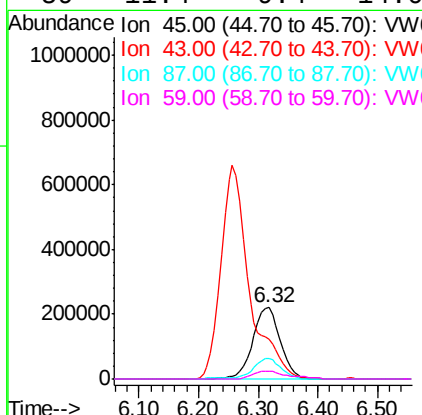
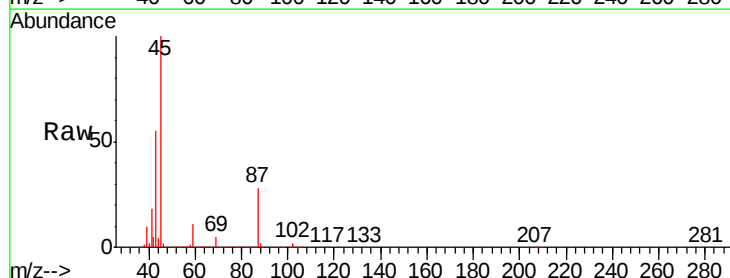
RT: 6.32 min Scan# 724

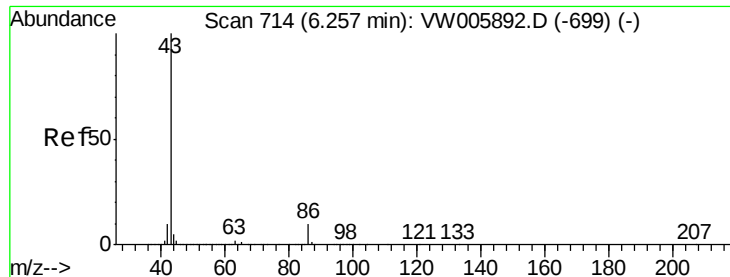
Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	45	Resp:	706615
Ion	Ratio	Lower	Upper
45	100		
43	55.2	45.9	68.9
87	28.4	22.2	33.4
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 363.83 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 2185579

Ion Ratio Lower Upper

43 100

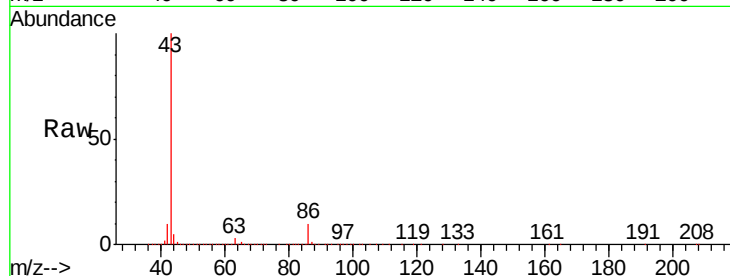
86 10.2 8.2 12.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

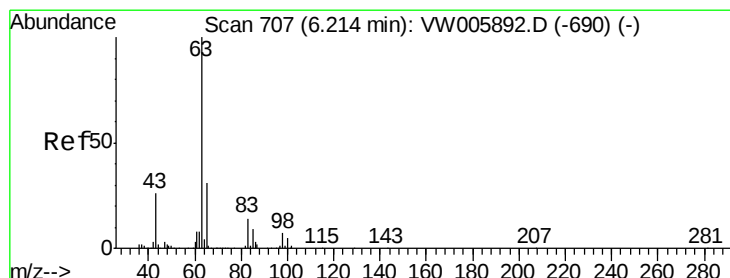
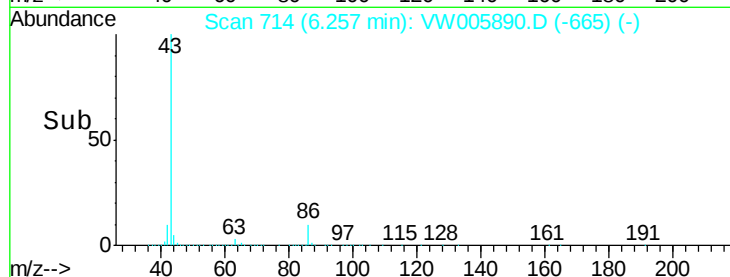
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 72.44 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

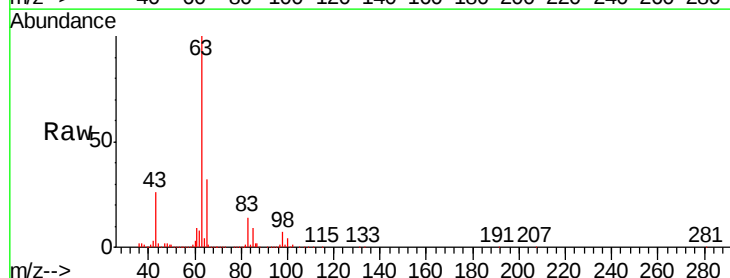
Tgt Ion: 63 Resp: 432653

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

200000

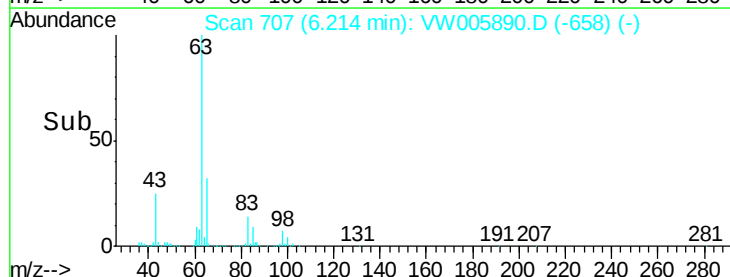
150000

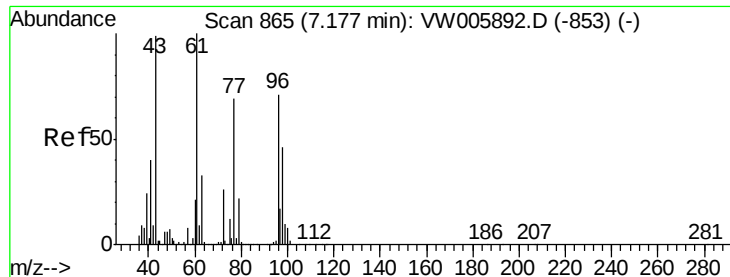
100000

50000

0

Time-->





#25

2-Butanone

Concen: 351.89 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 43 Resp: 337522

Ion Ratio Lower Upper

43 100

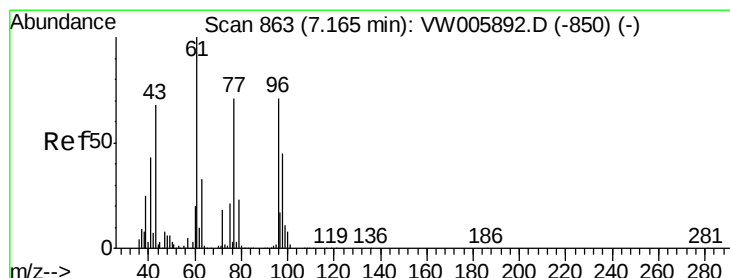
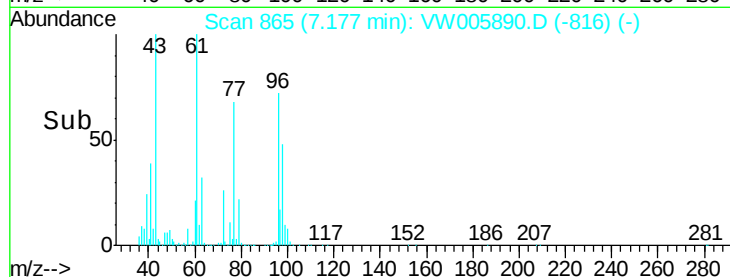
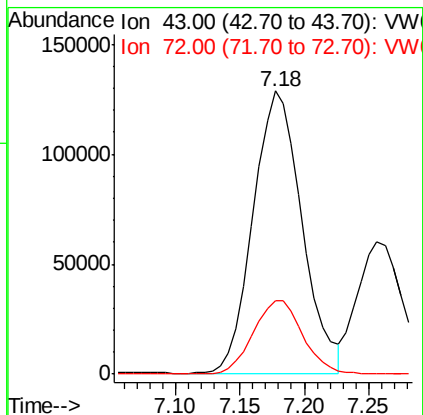
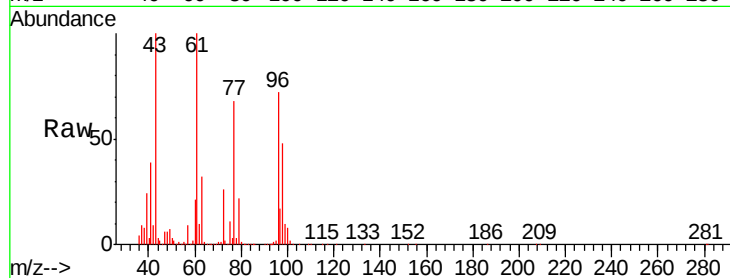
72 26.2 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 68.01 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005890.D

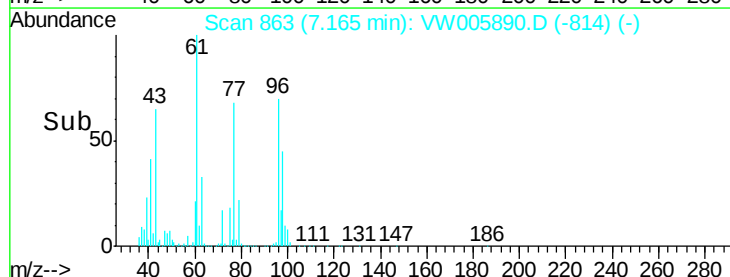
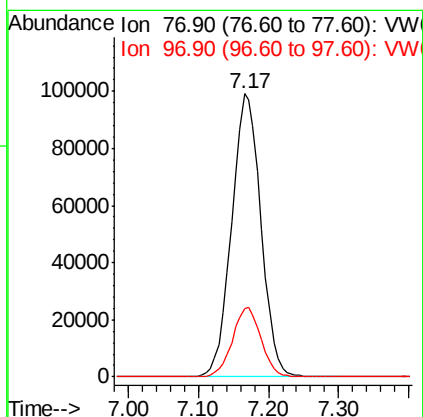
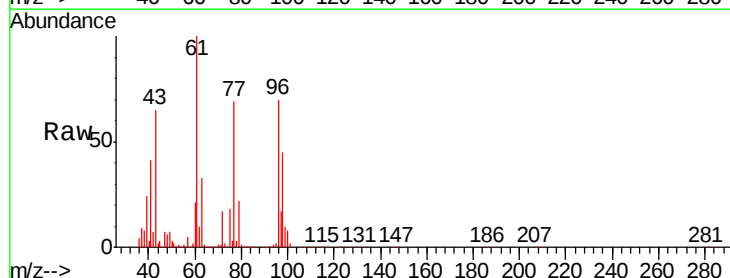
Acq: 08 Oct 2018 12:14

Tgt Ion: 77 Resp: 285895

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





#27

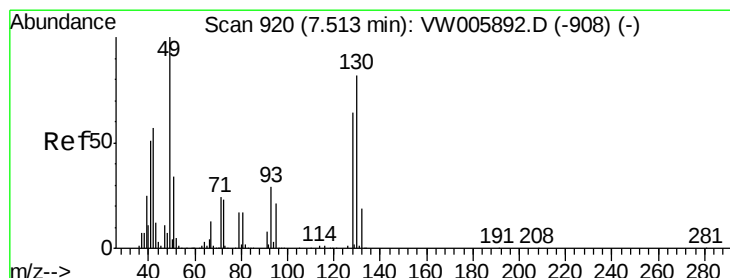
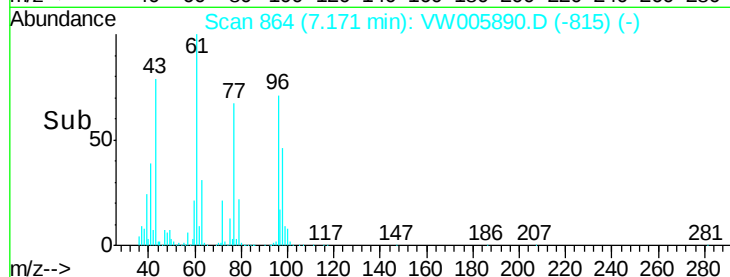
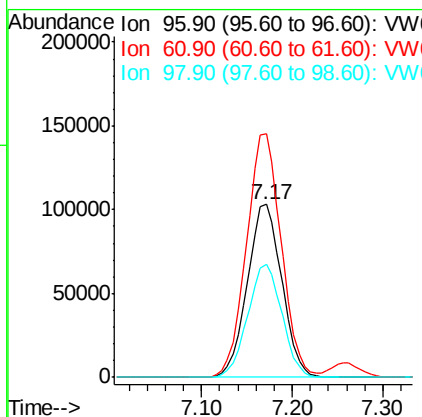
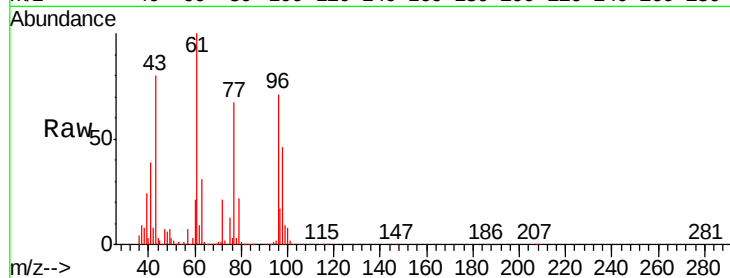
cis-1,2-Dichloroethene
Concen: 71.91 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	284.0
98	65.1	0.0	129.8

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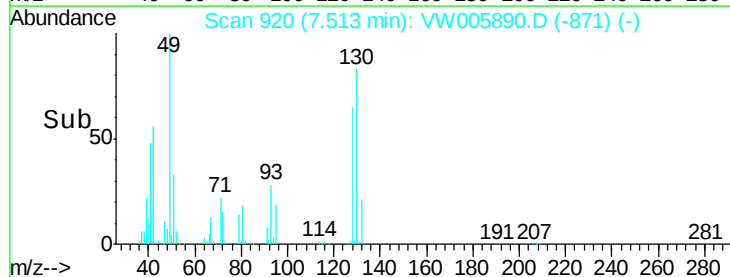
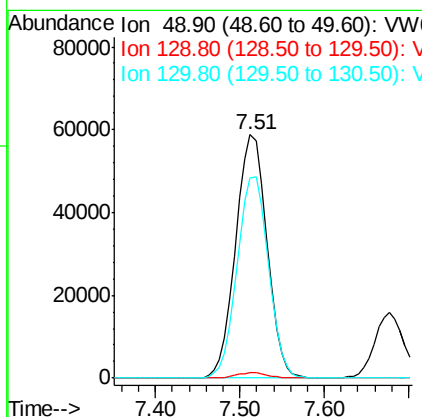
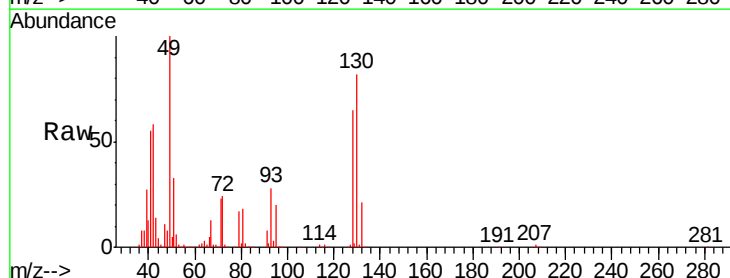
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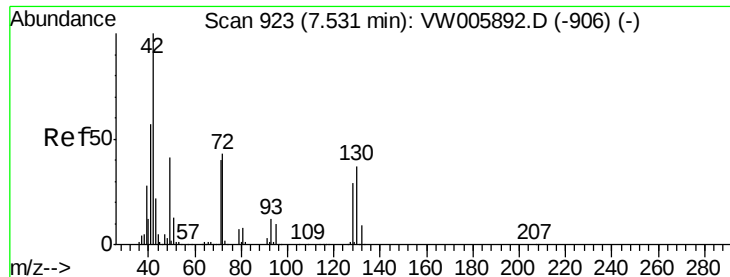


#28

Bromochloromethane
Concen: 67.08 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	82.7	66.9	100.3





#29

Tetrahydrofuran

Concen: 358.48 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

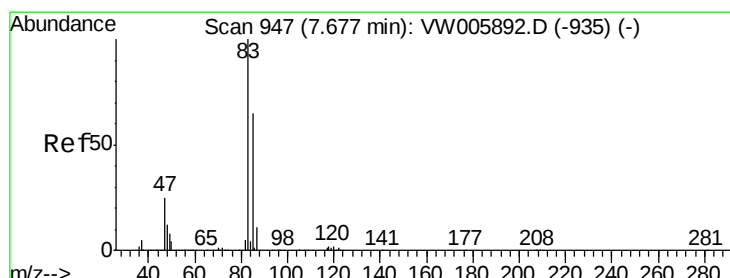
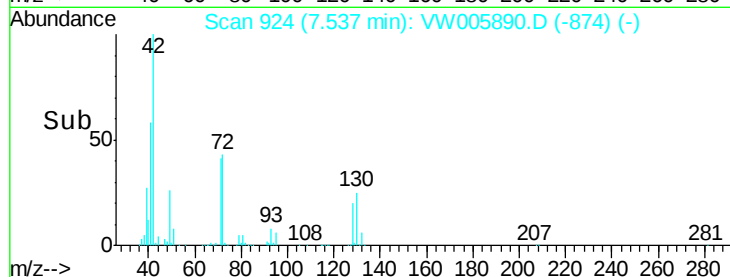
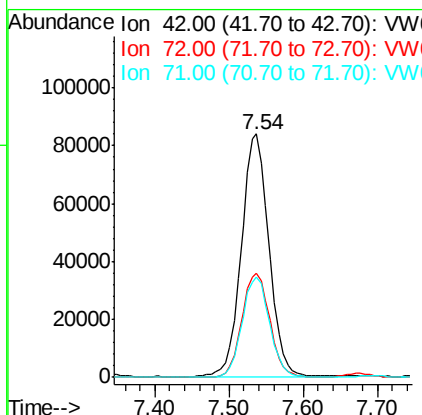
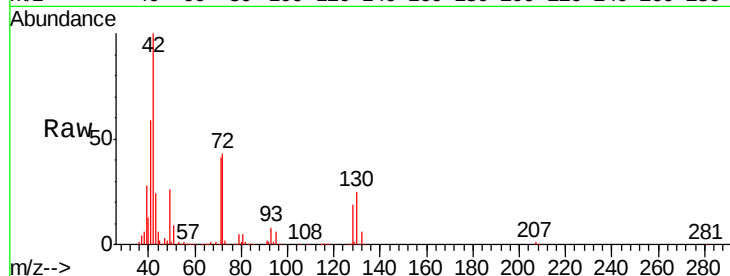
ClientSampleId :

VSTDIC075

Tgt Ion:	42	Resp:	217361
Ion Ratio		Lower	Upper
42	100		
72	43.5	34.6	51.8
71	41.0	32.6	49.0

Manual Integrations
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#30

Chloroform

Concen: 72.33 ug/l

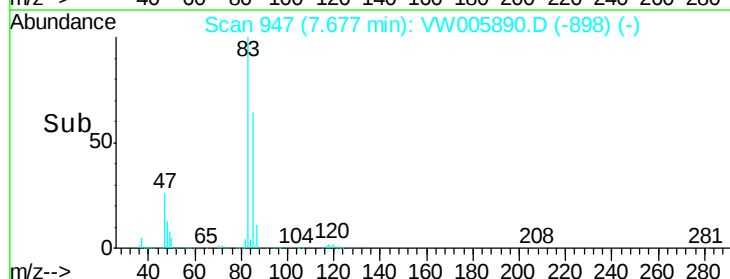
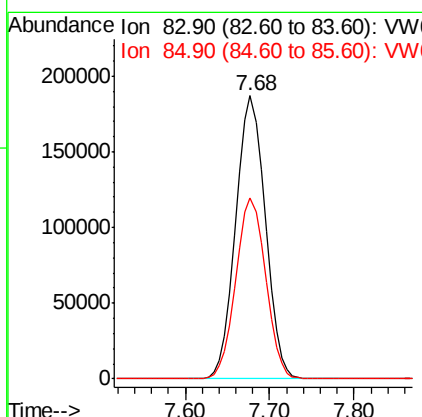
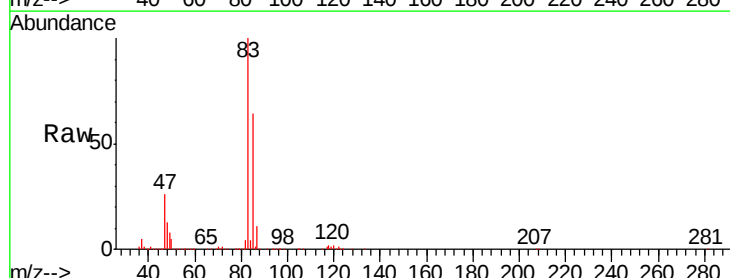
RT: 7.68 min Scan# 947

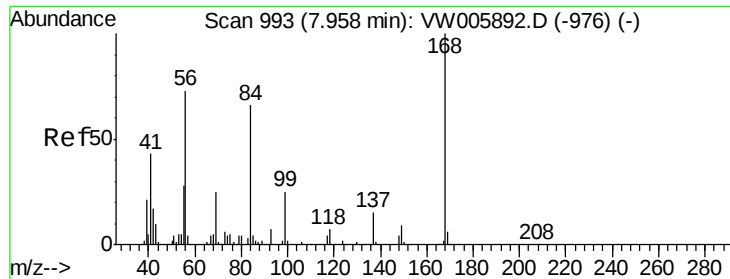
Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	83	Resp:	443759
Ion Ratio		Lower	Upper
83	100		
85	64.1	51.6	77.4





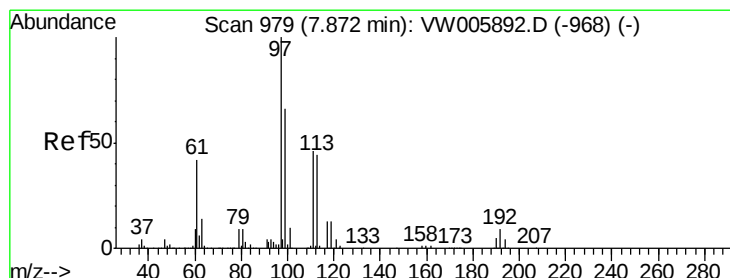
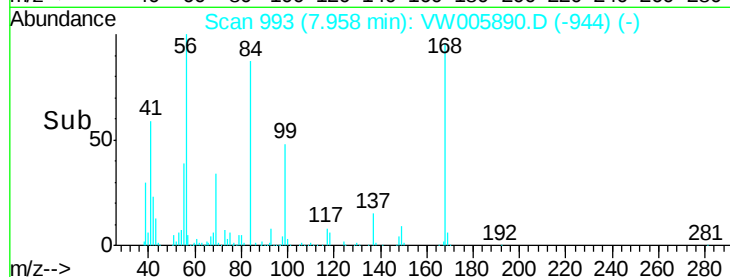
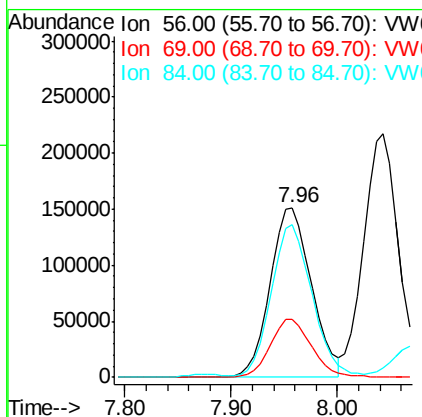
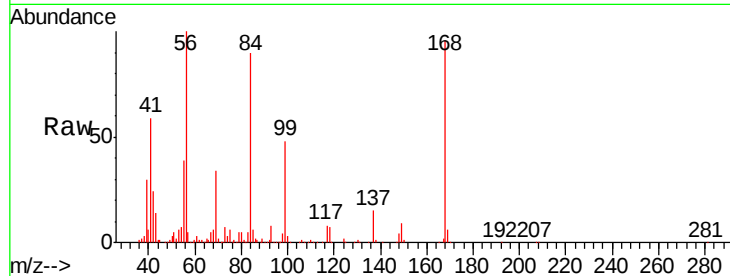
#31
Cyclohexane
Concen: 68.62 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.1	27.9	41.9
84	88.8	72.3	108.5

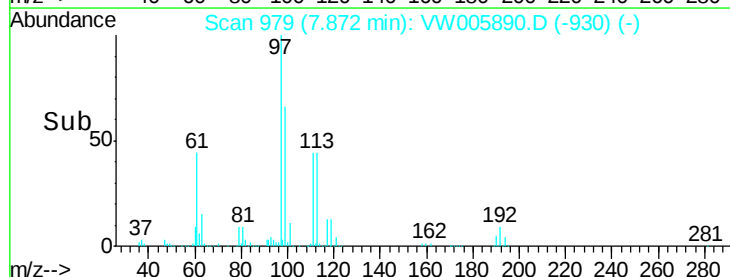
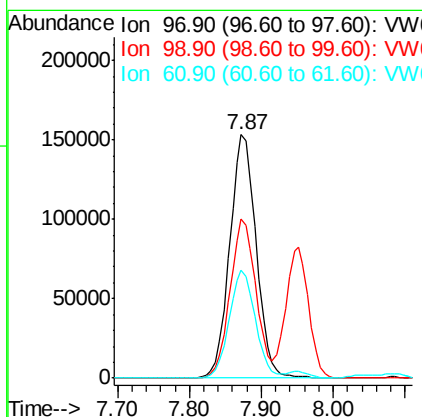
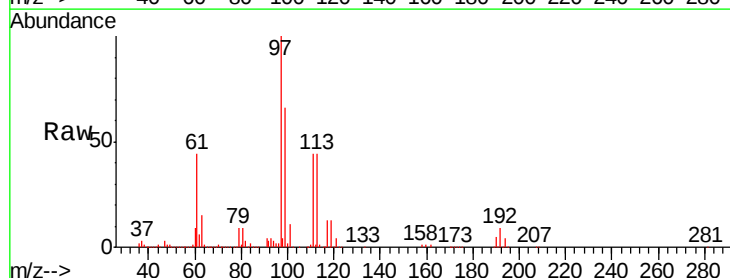
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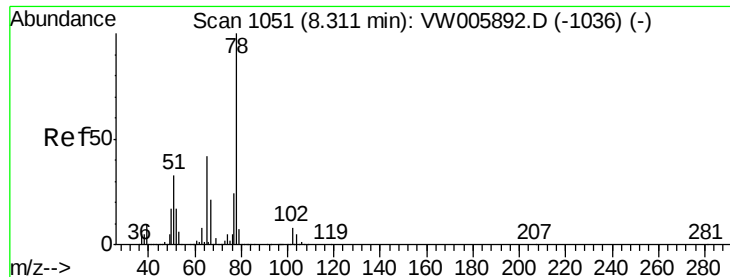
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#32
1,1,1-Trichloroethane
Concen: 71.53 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	43.9	34.5	51.7





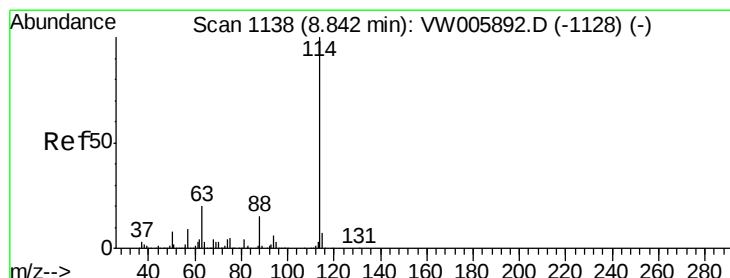
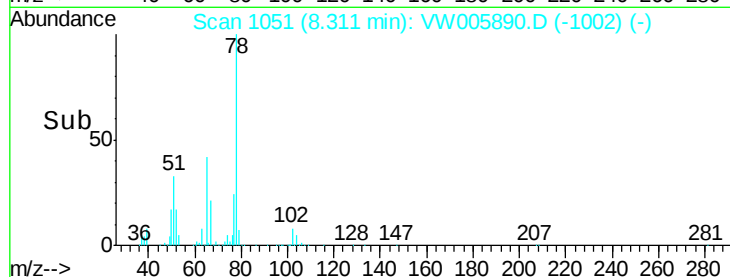
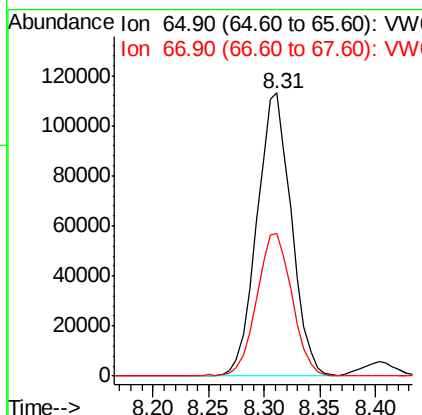
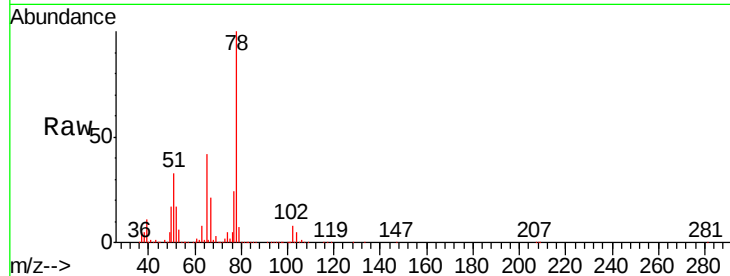
#33
 1,2-Dichloroethane-d4
 Concen: 72.03 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	243190		
67	51.6	0.0	104.6	

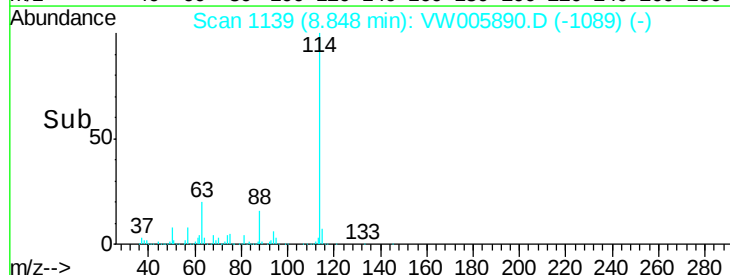
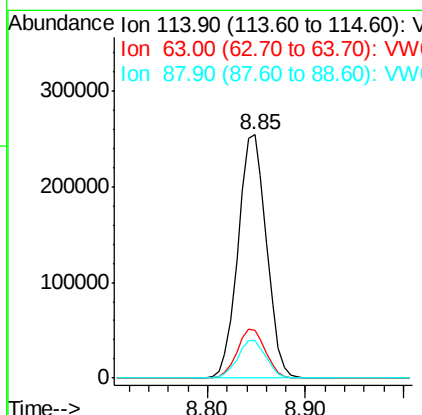
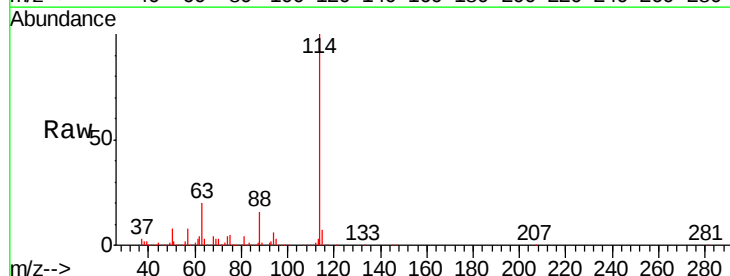
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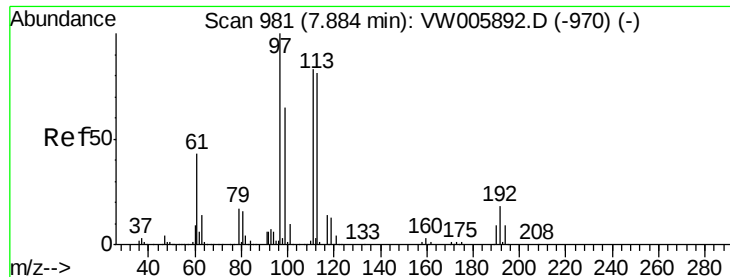
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	510713		
63	19.6	0.0	39.2	
88	15.5	0.0	30.8	





#35

Dibromofluoromethane

Concen: 72.54 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

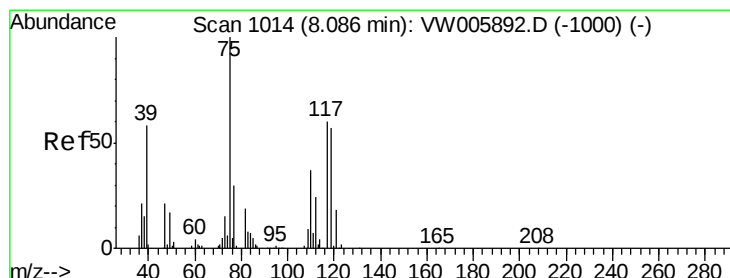
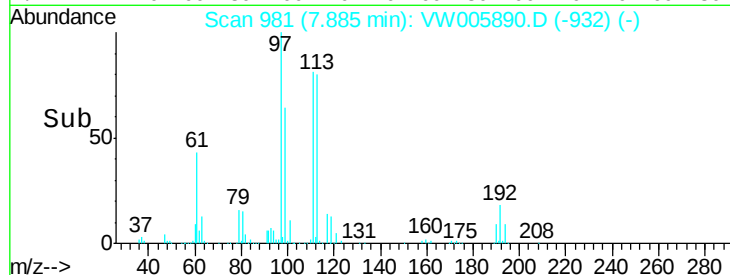
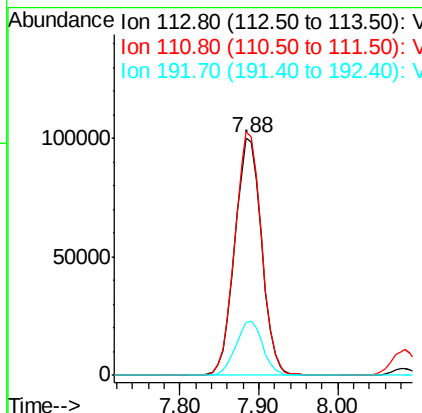
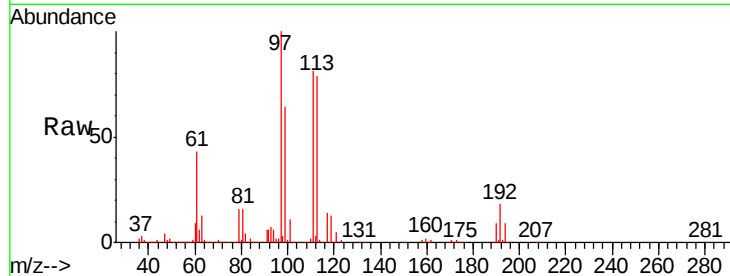
ClientSampled :

VSTDIC075

Tgt Ion:	113	Resp:	236525
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.0	123.0
192	22.7	18.3	27.5

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#36

1,1-Dichloropropene

Concen: 73.05 ug/l

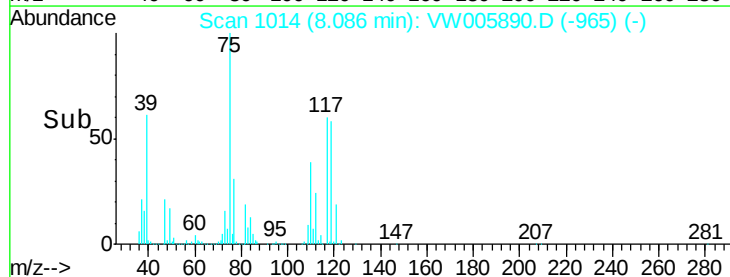
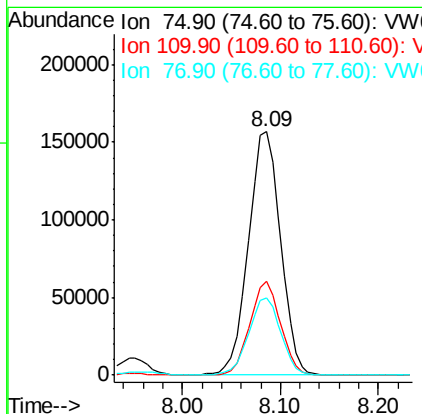
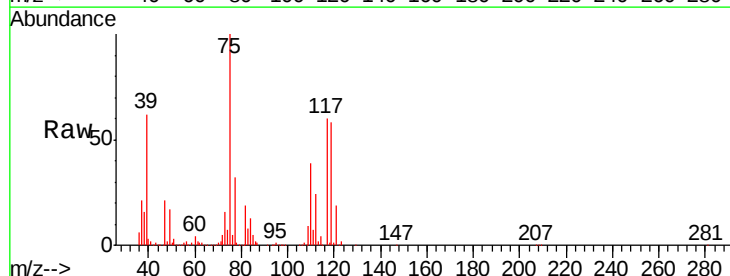
RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	75	Resp:	357487
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.6	56.0
77	31.5	24.7	37.1





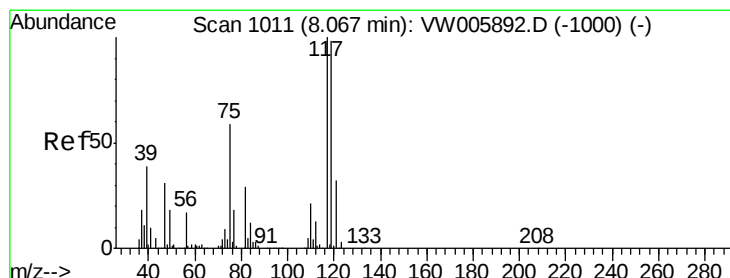
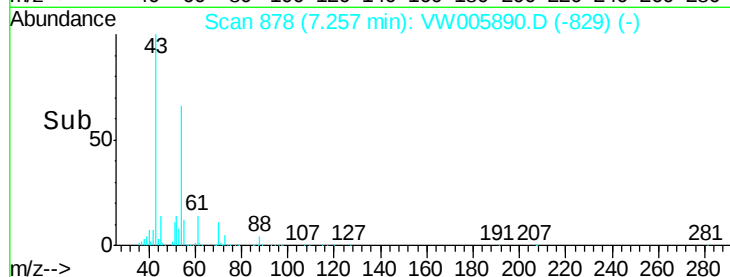
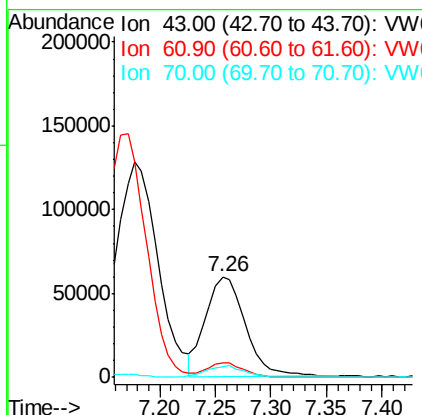
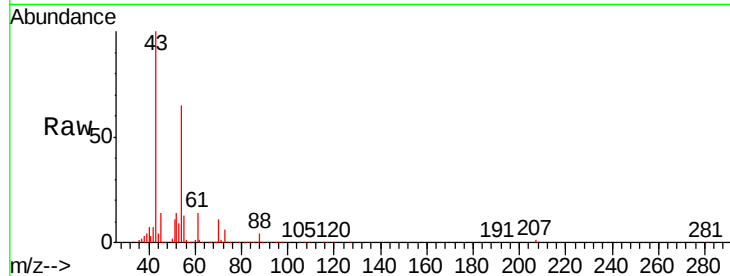
#37
Ethyl Acetate
Concen: 71.02 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	11.0	8.6	13.0

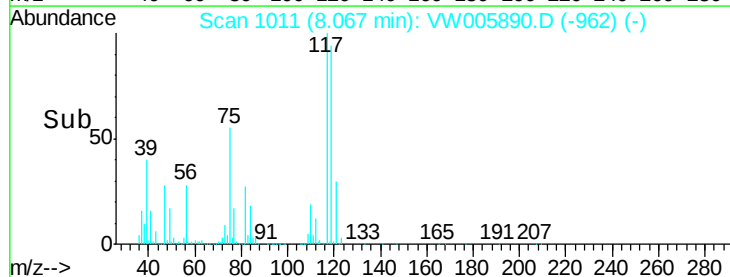
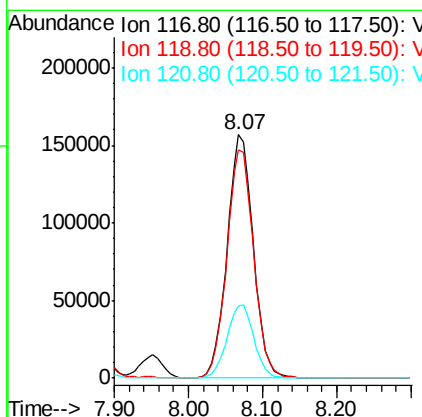
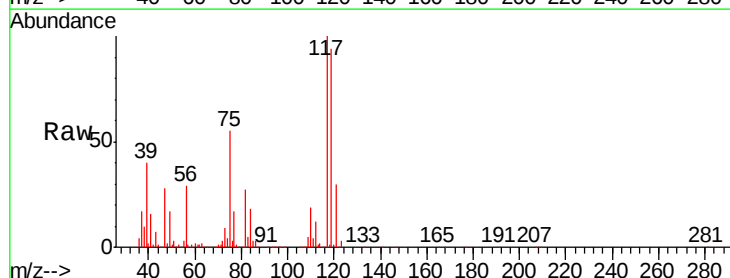
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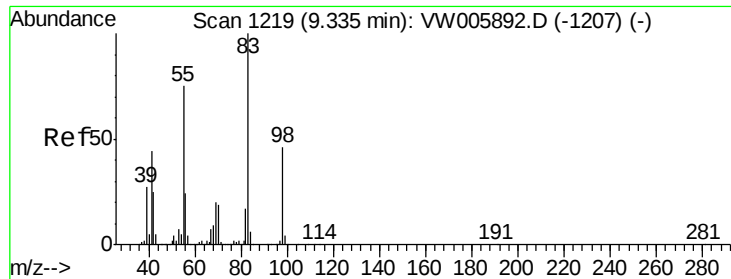
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#38
Carbon Tetrachloride
Concen: 73.47 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.6	117.8
121	29.8	25.3	37.9





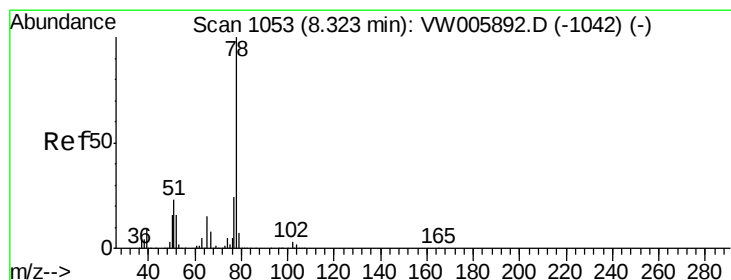
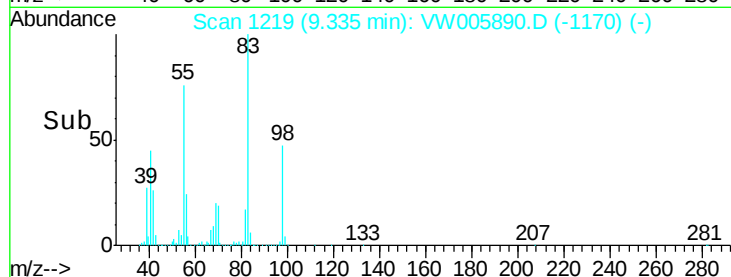
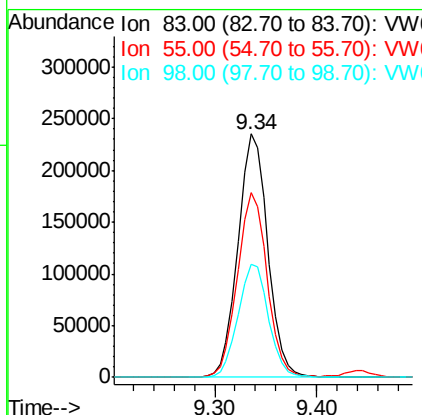
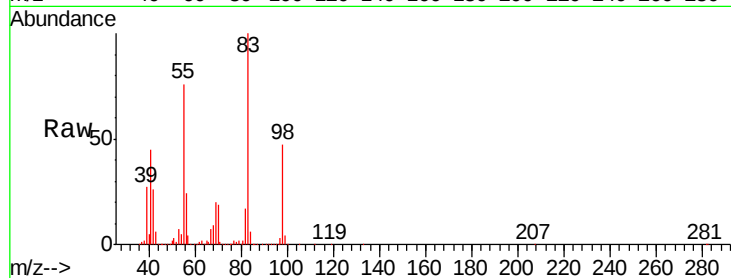
#39
Methylcyclohexane
Concen: 74.00 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.8	89.6
98	46.6	37.1	55.7

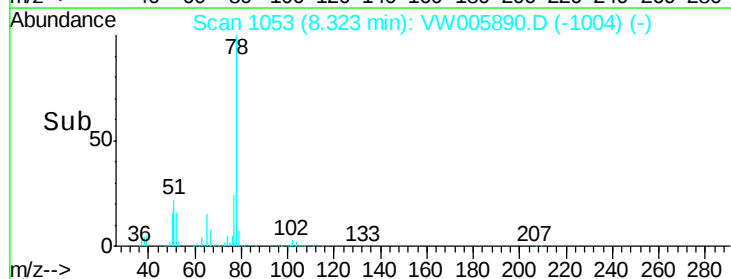
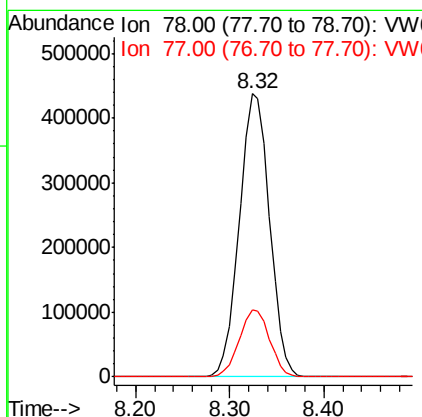
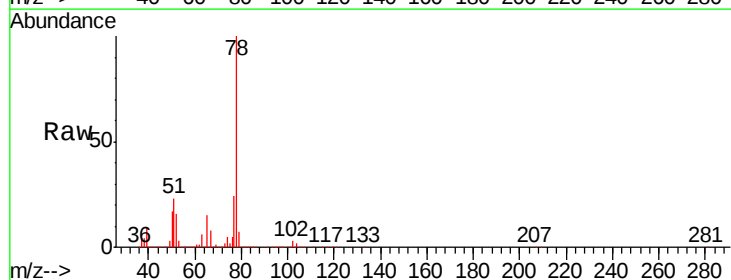
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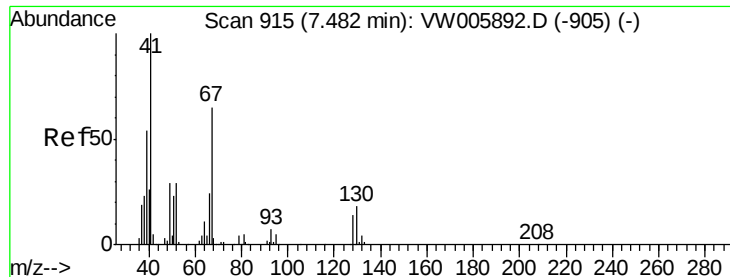
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#40
Benzene
Concen: 72.92 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





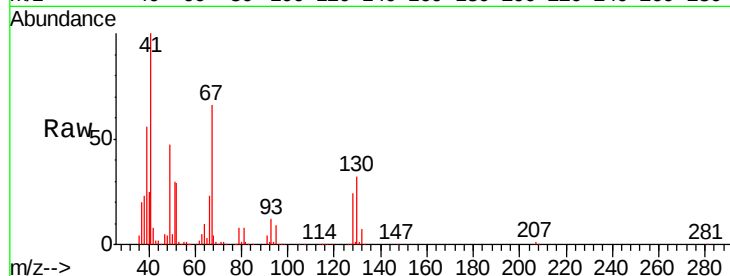
#41
Methacrylonitrile
Concen: 70.97 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

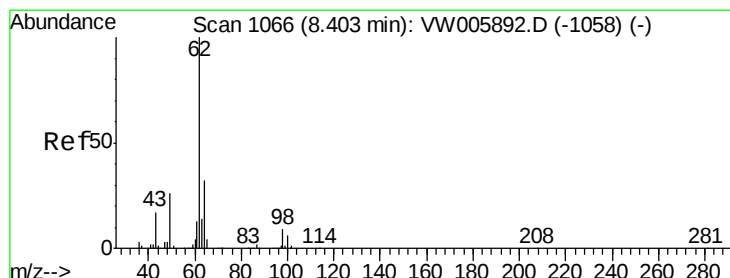
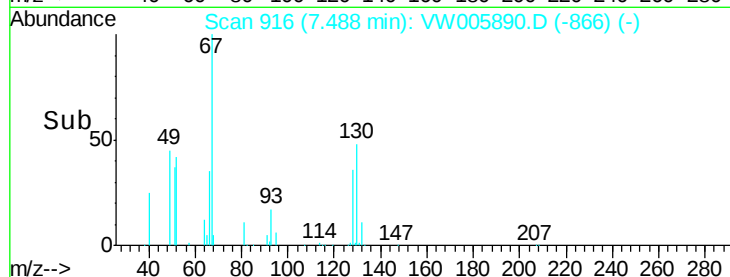
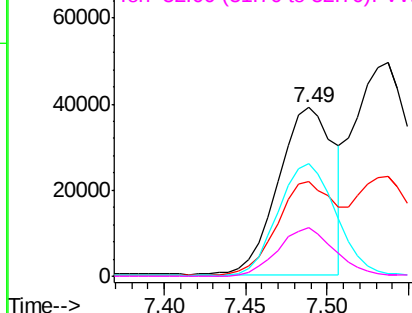
Tgt Ion:	41	Resp:	92071
Ion	Ratio	Lower	Upper
41	100		
39	62.4	45.0	67.4
67	70.1	55.8	83.8
52	30.4	25.3	37.9

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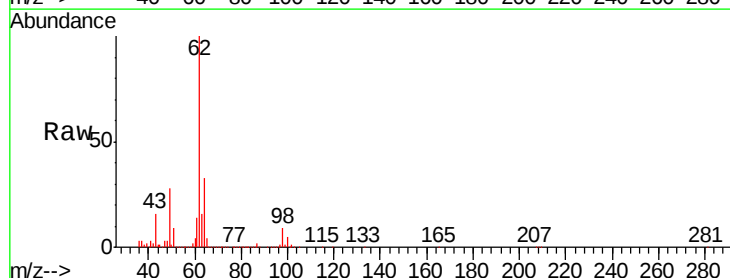


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

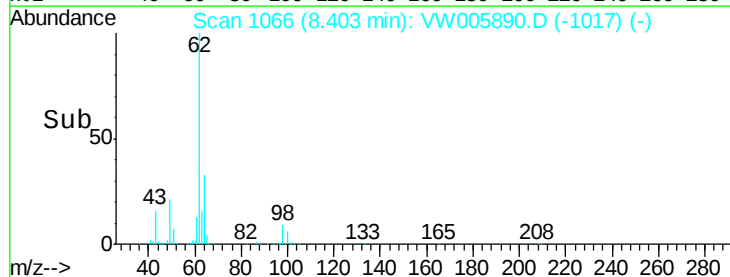
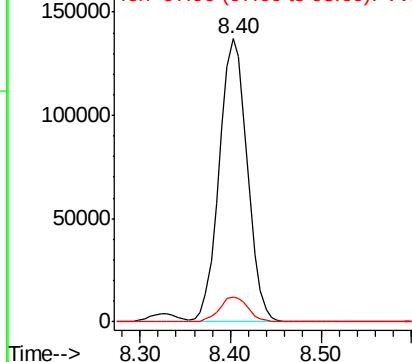


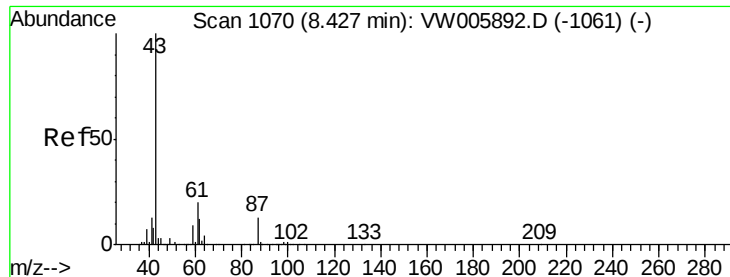
#42
1,2-Dichloroethane
Concen: 73.03 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion:	62	Resp:	295526
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 73.62 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

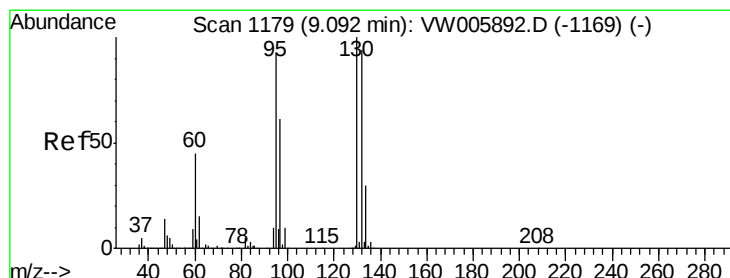
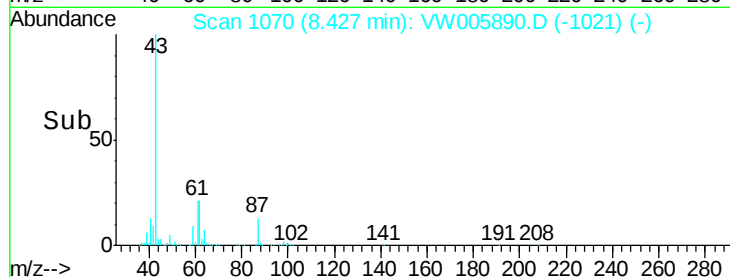
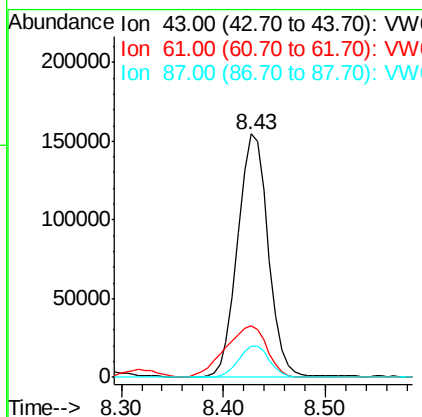
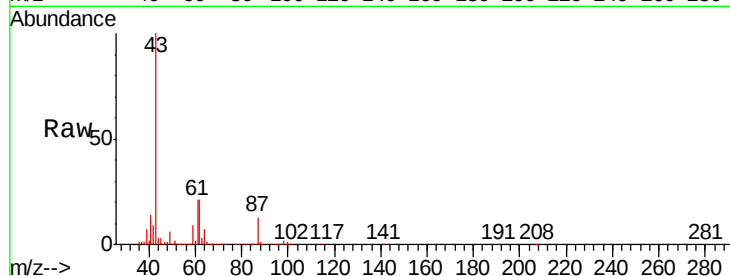
ClientSampled :

VSTDIC075

Tgt Ion:	43	Resp:	318713
Ion Ratio	Lower	Upper	
43	100		
61	29.3	23.1	34.7
87	13.3	10.7	16.1

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#44

Trichloroethene

Concen: 73.70 ug/l

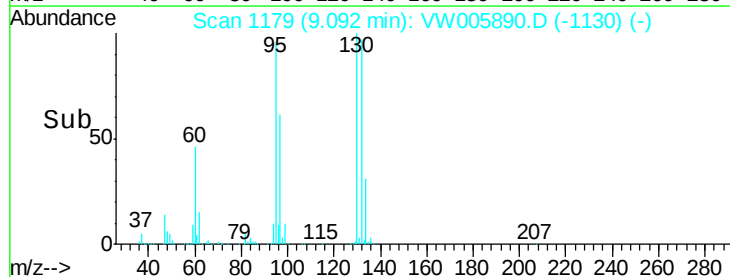
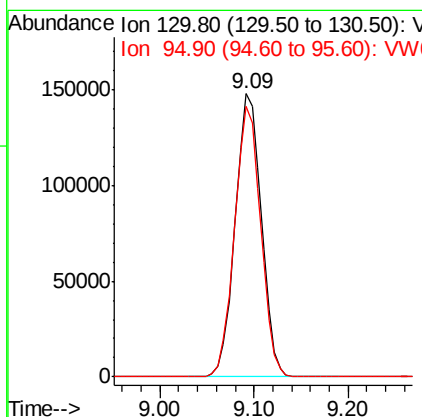
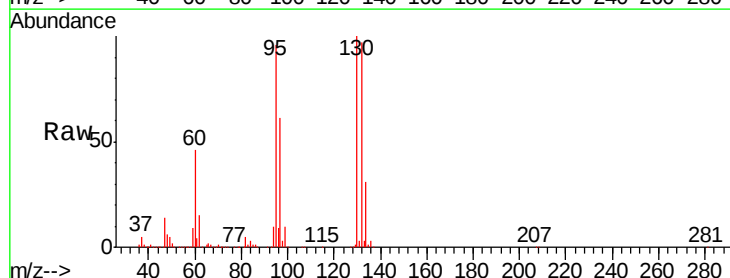
RT: 9.09 min Scan# 1179

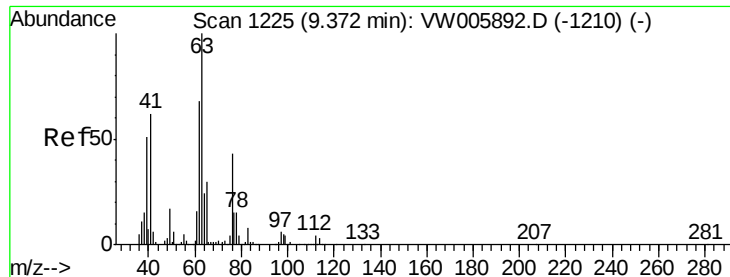
Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	130	Resp:	286415
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	185.6





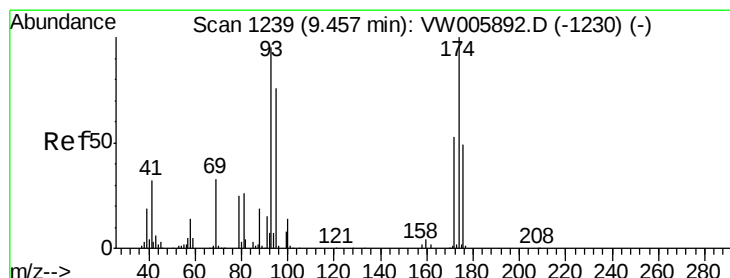
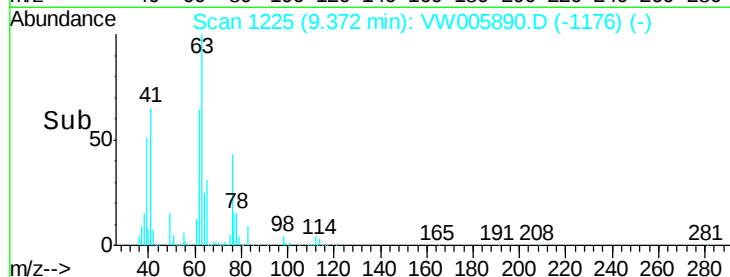
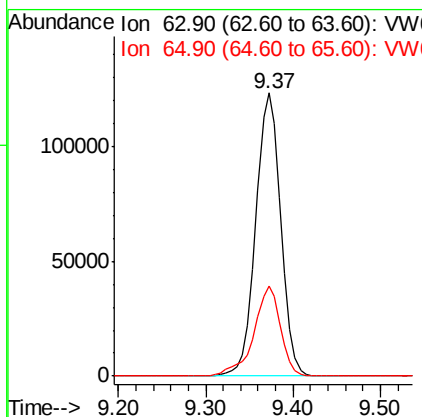
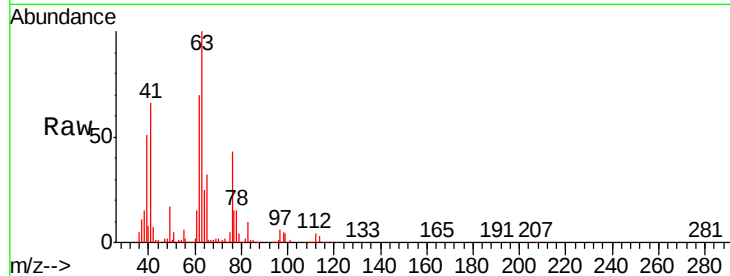
#45
 1,2-Dichloropropane
 Concen: 72.96 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.3	36.5

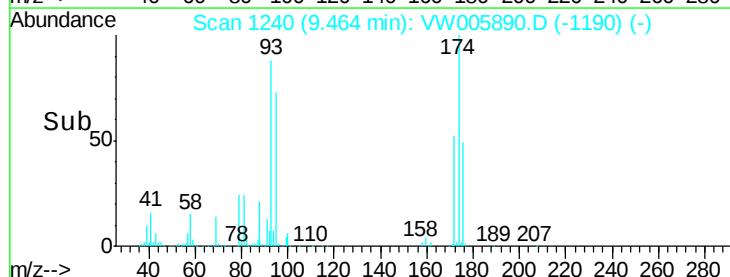
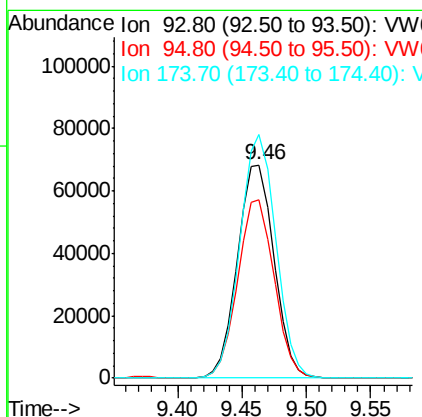
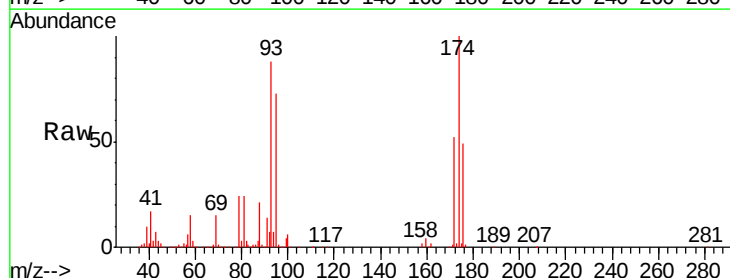
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#46
 Dibromomethane
 Concen: 72.97 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.6	99.8
174	112.3	90.4	135.6





#47

Bromodichloromethane

Concen: 72.99 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

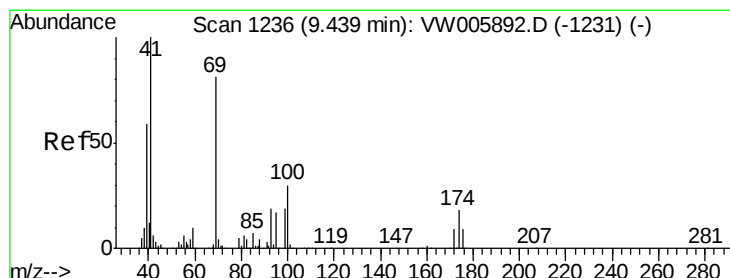
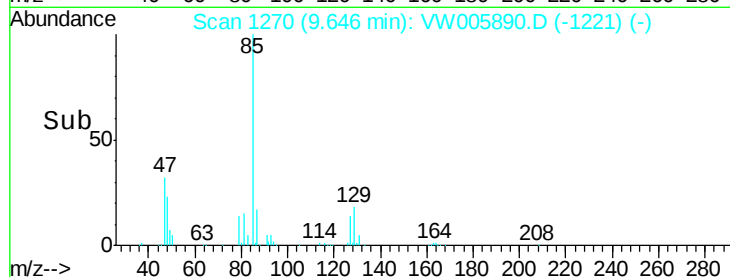
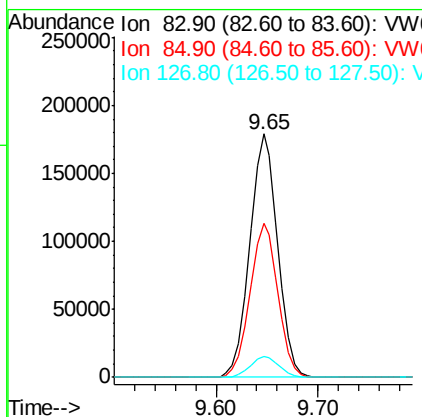
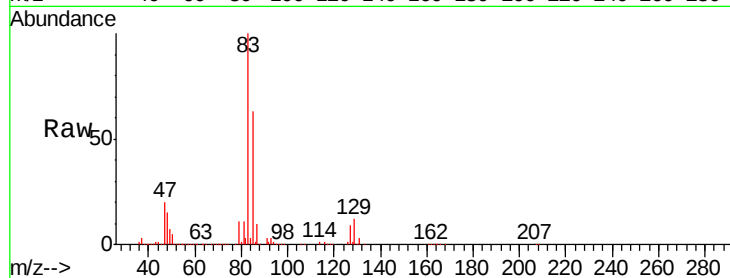
ClientSampleId :

VSTDIC075

Tgt Ion:	83	Resp:	338446
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.6
127	8.6	7.4	11.0

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#48

Methyl methacrylate

Concen: 73.65 ug/l

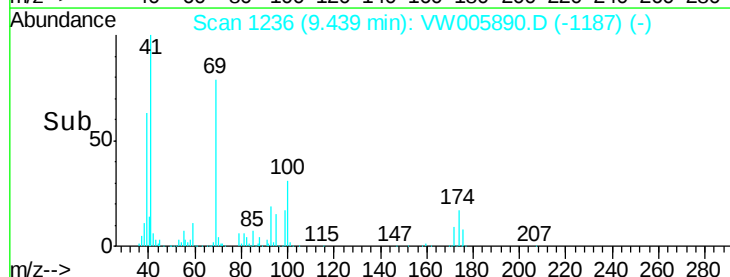
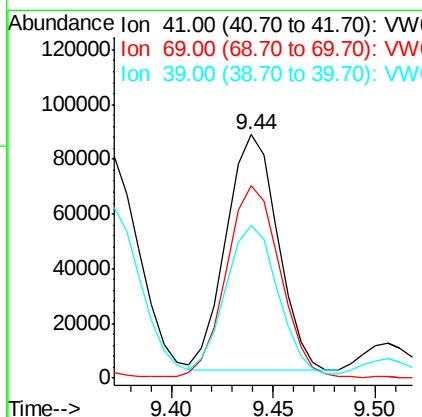
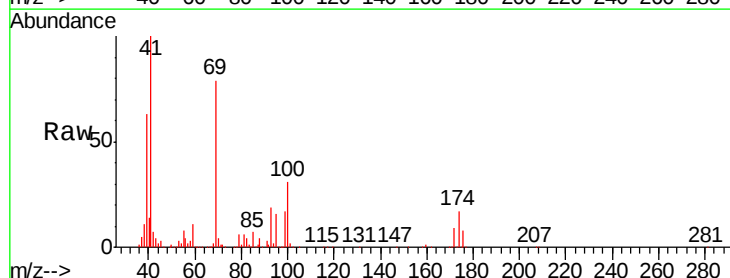
RT: 9.44 min Scan# 1236

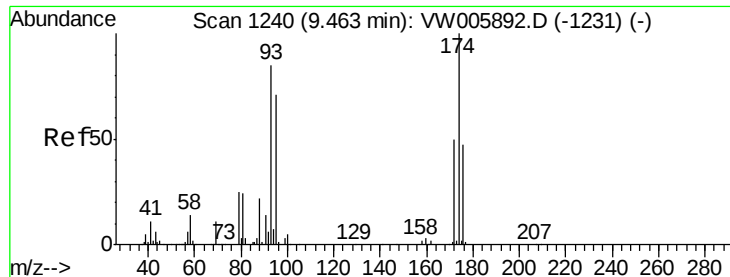
Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	41	Resp:	151876
Ion	Ratio	Lower	Upper
41	100		
69	84.0	68.7	103.1
39	63.5	50.0	75.0





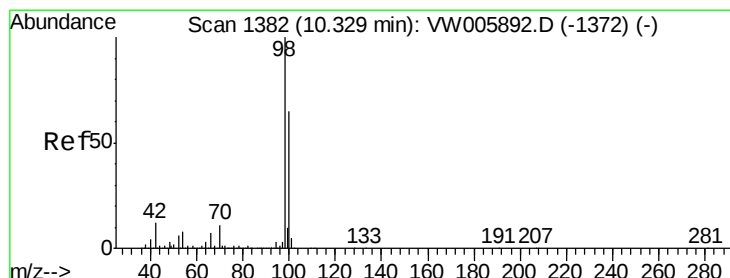
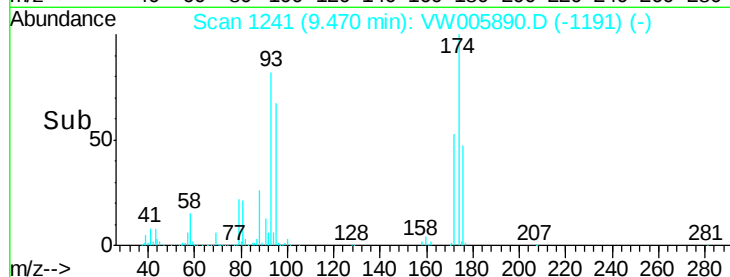
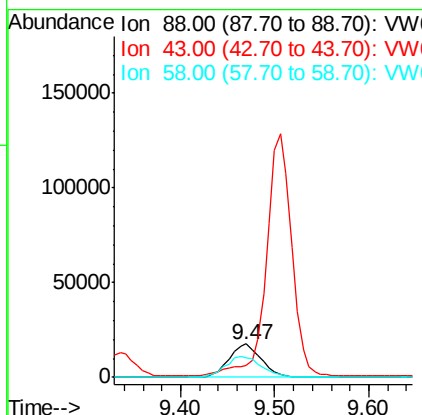
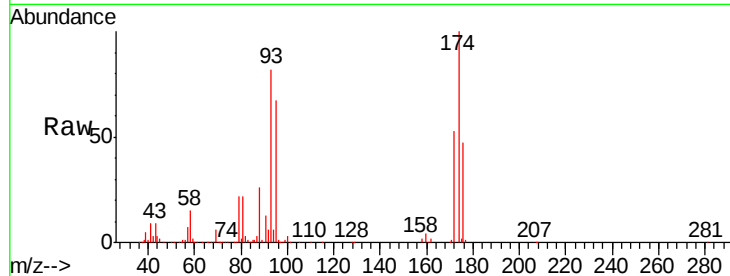
#49
1,4-Dioxane
Concen: 1489.80 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.5	57.7	86.5

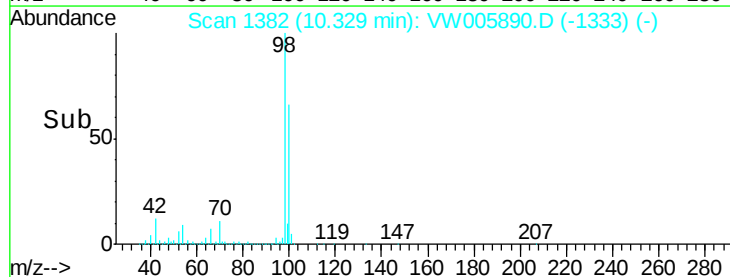
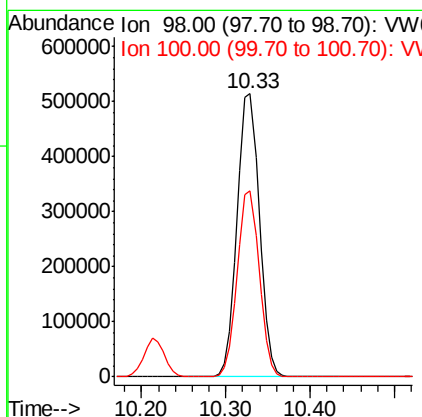
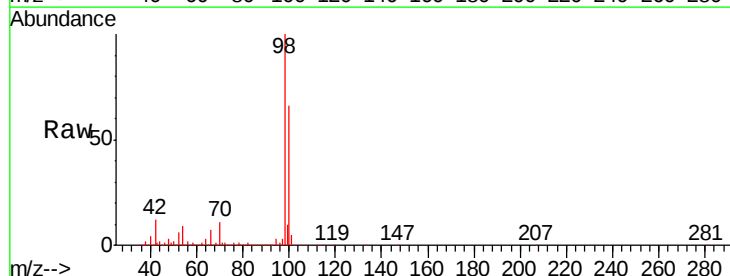
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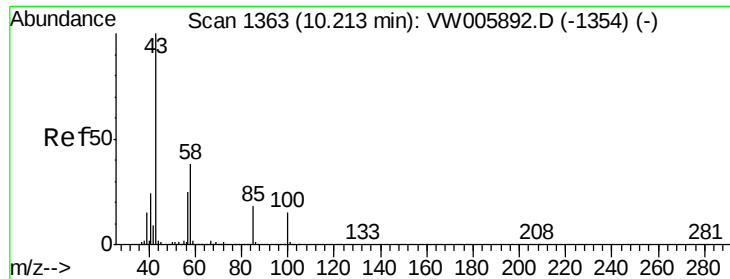
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#50
Toluene-d8
Concen: 72.93 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





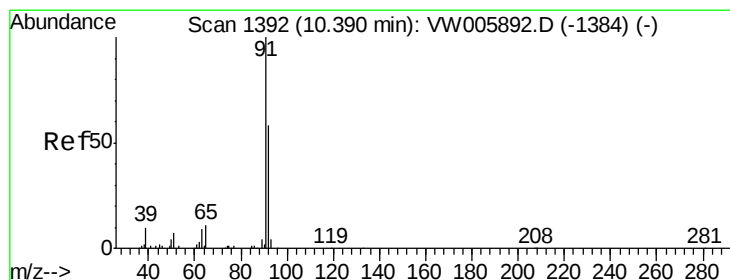
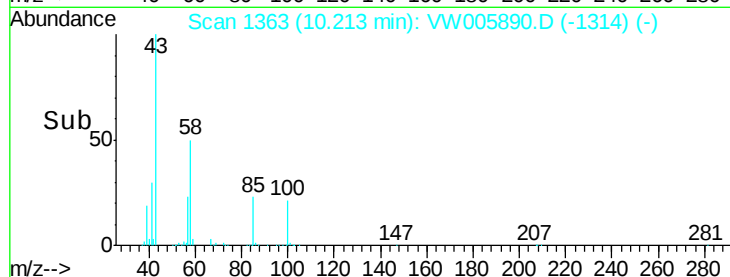
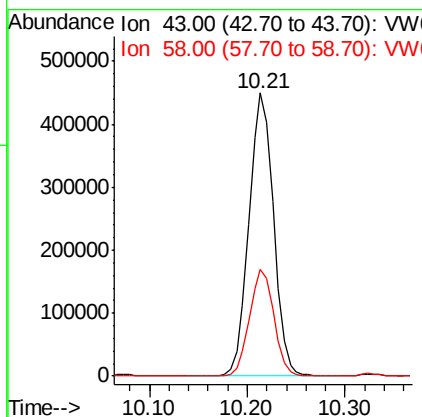
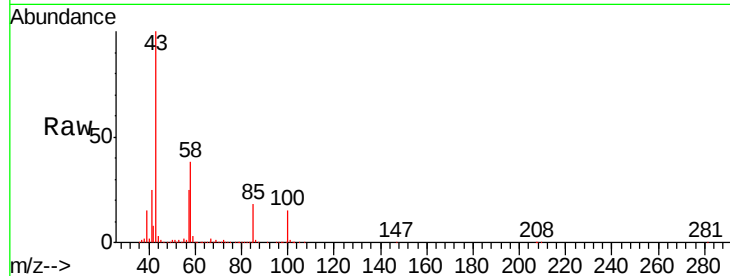
#51
 4-Methyl-2-Pentanone
 Concen: 370.51 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion: 43 Resp: 781046
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.4

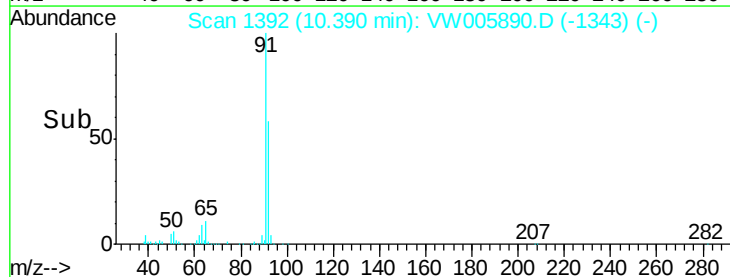
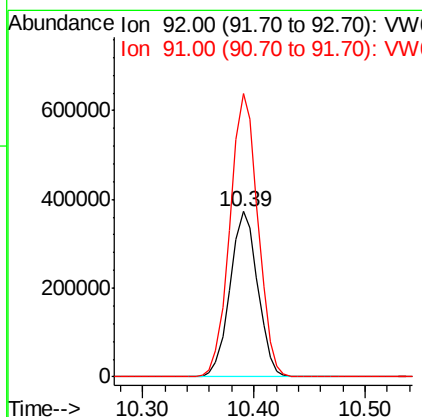
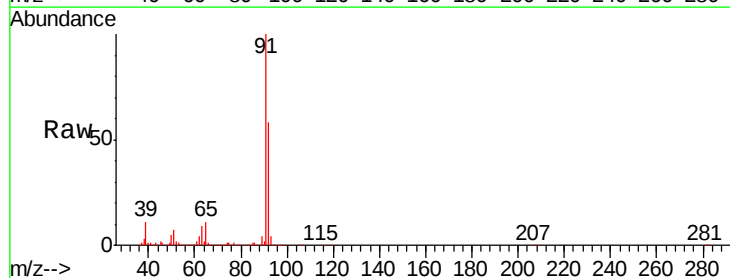
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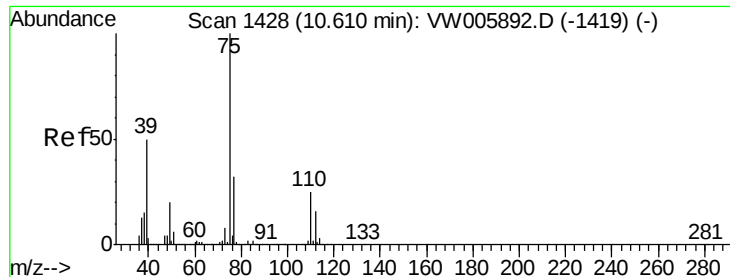
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#52
 Toluene
 Concen: 72.50 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion: 92 Resp: 637965
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 73.71 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 75 Resp: 357186

Ion Ratio Lower Upper

75 100

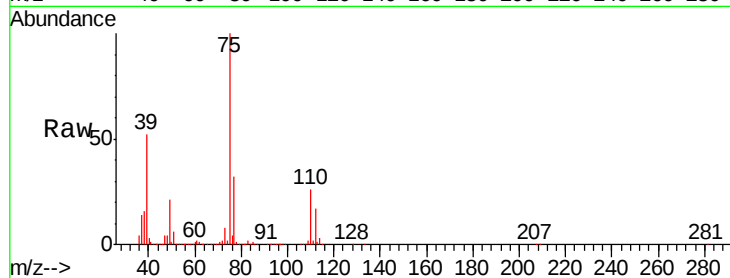
77 31.4 25.4 38.2

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

250000

200000

150000

100000

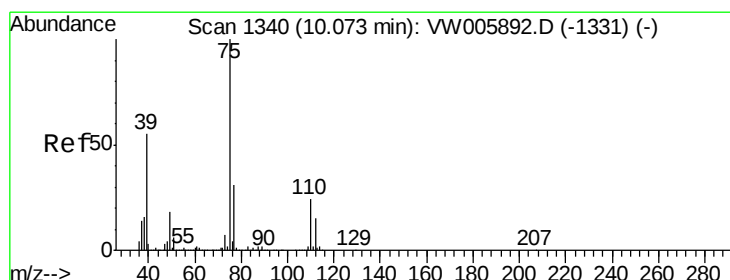
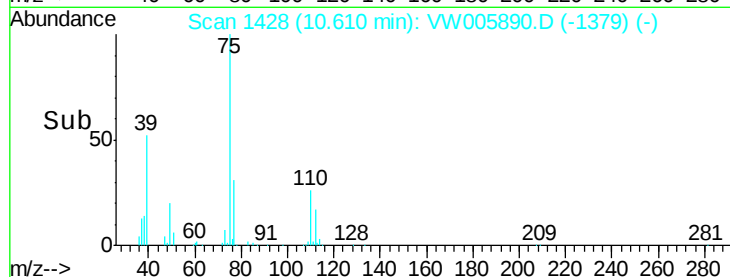
50000

0

10.50

10.60

10.70



#54

cis-1,3-Dichloropropene

Concen: 72.54 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

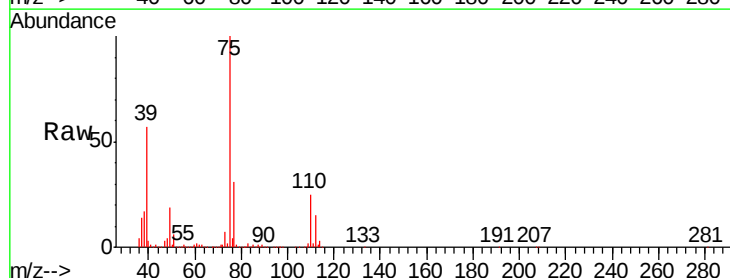
Tgt Ion: 75 Resp: 395140

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 56.5 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

300000

250000

200000

150000

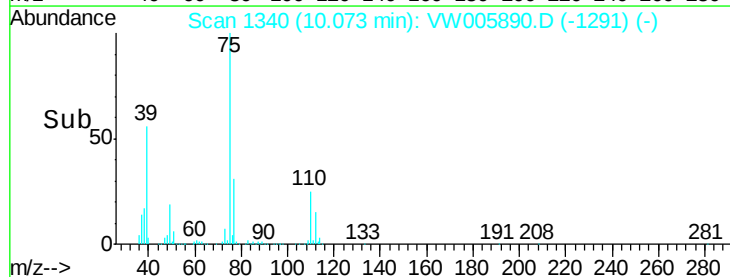
100000

50000

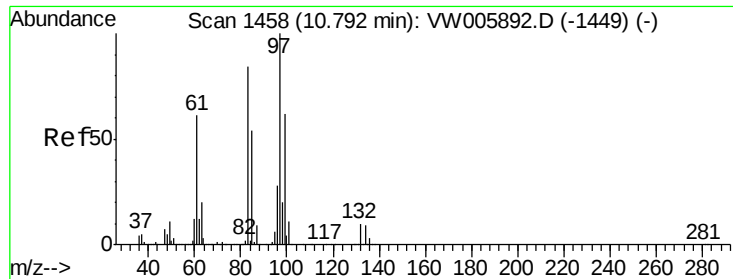
0

10.00

10.10



Time-->



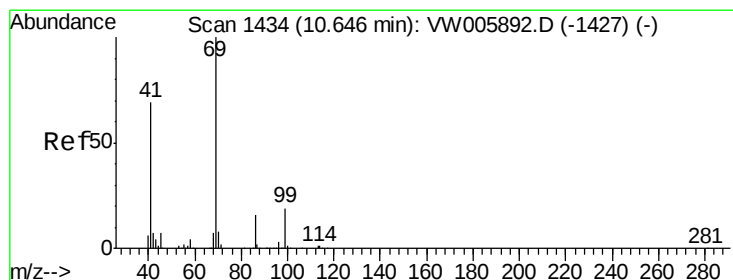
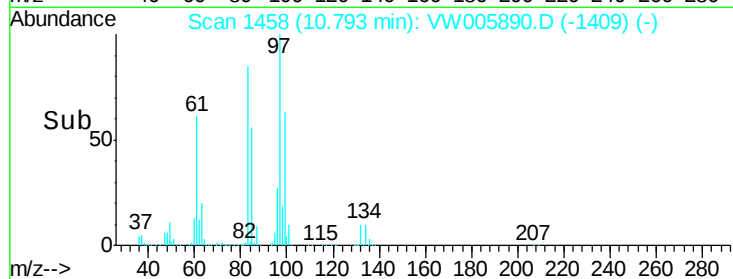
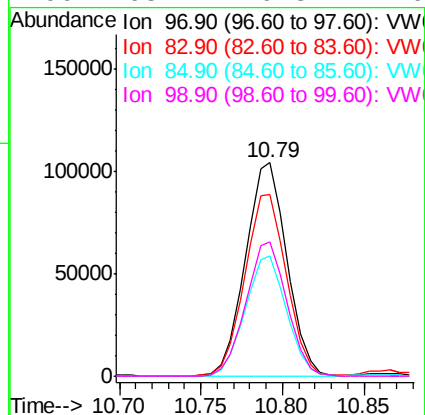
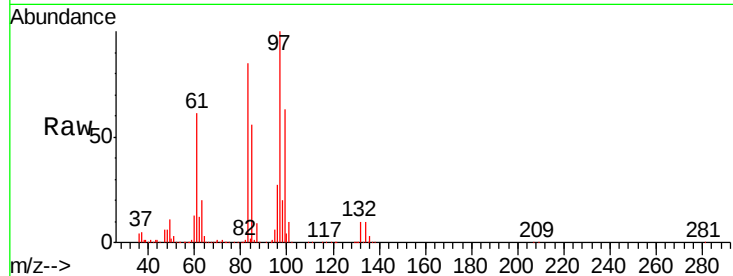
#55
 1,1,2-Trichloroethane
 Concen: 71.92 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.9	100.3
85	56.2	43.4	65.0
99	63.2	49.8	74.6

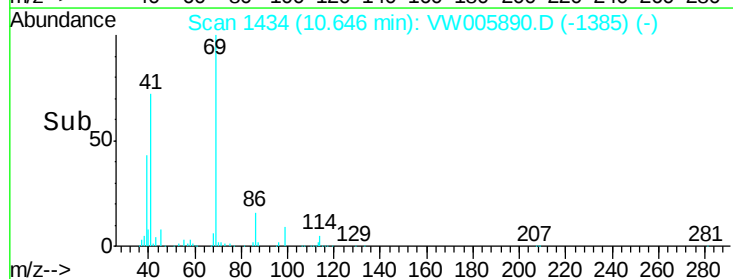
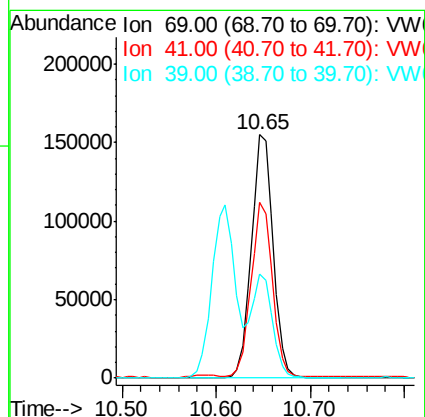
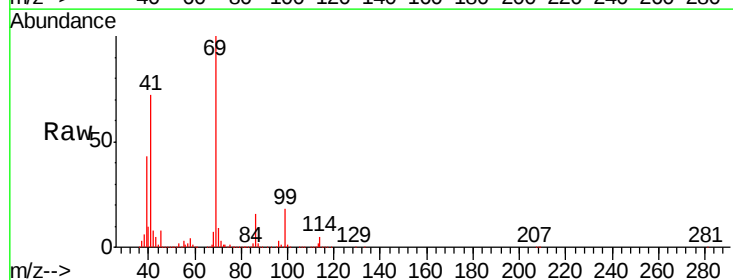
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#56
 Ethyl methacrylate
 Concen: 73.11 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.0	84.0
39	41.7	33.5	50.3





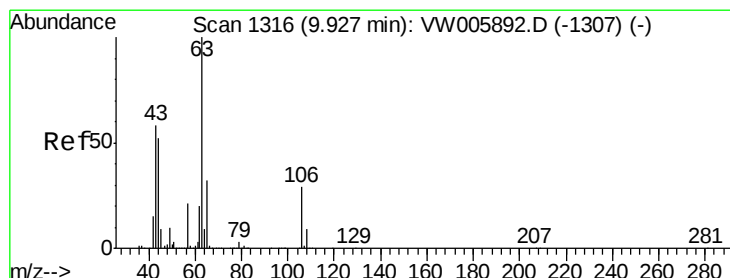
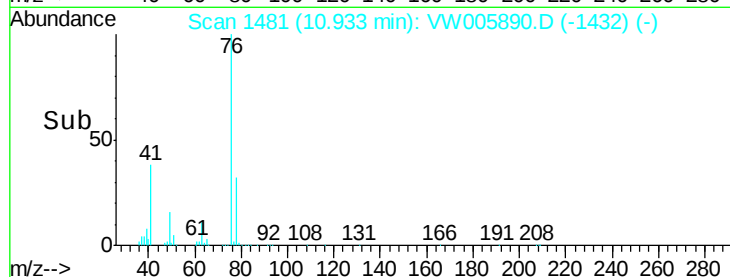
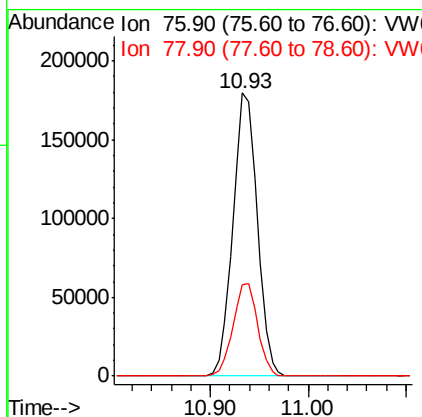
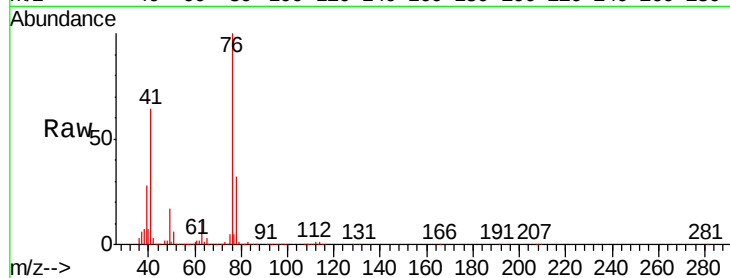
#57
 1,3-Dichloropropane
 Concen: 72.48 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion: 76 Resp: 311205
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6

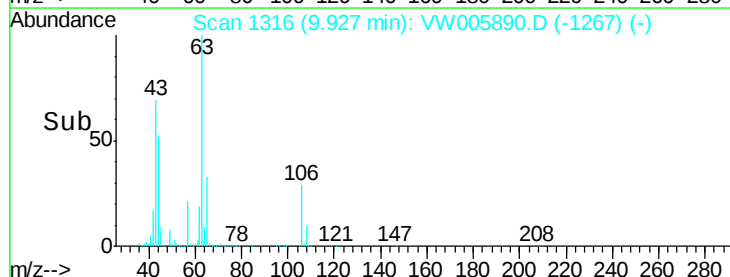
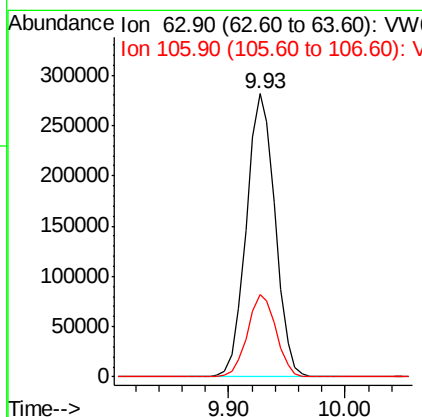
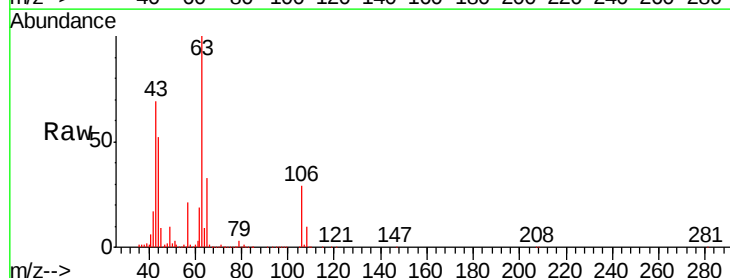
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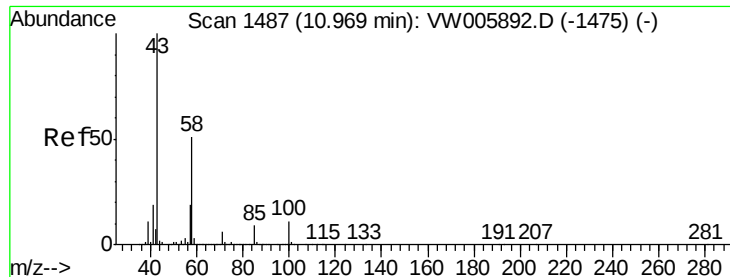
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#58
 2-Chloroethyl Vinyl ether
 Concen: 346.02 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion: 63 Resp: 484296
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.6 35.4





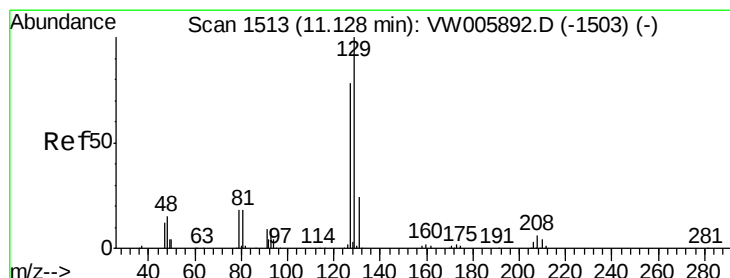
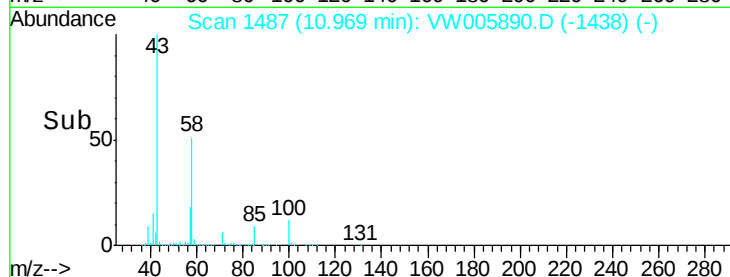
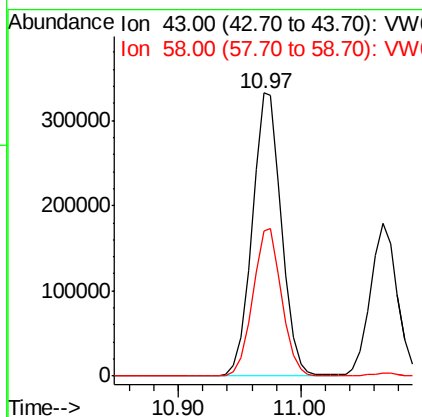
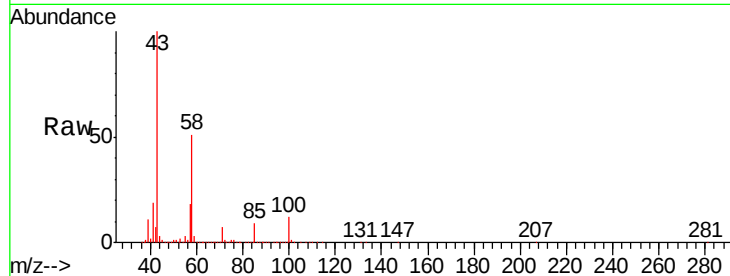
#59
2-Hexanone
Concen: 363.19 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tgt Ion: 43 Resp: 548948
Ion Ratio Lower Upper
43 100
58 51.7 25.7 77.1

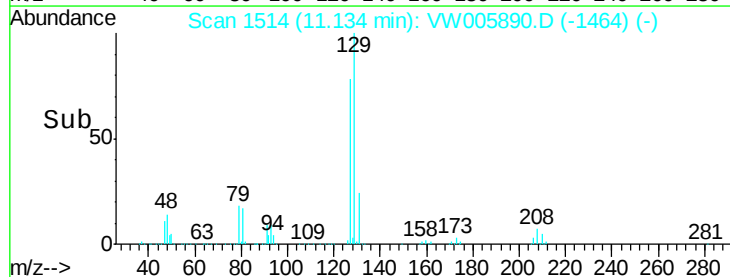
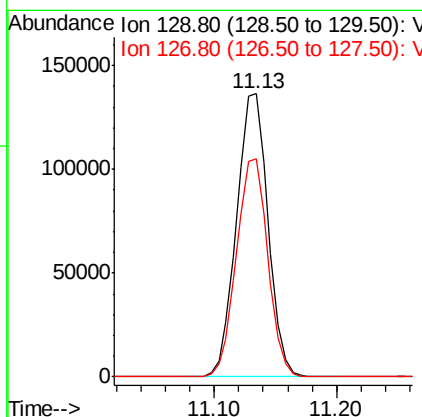
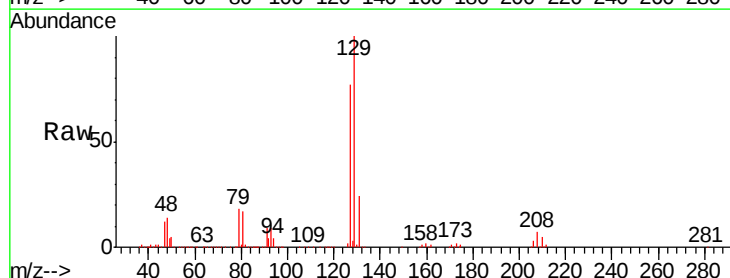
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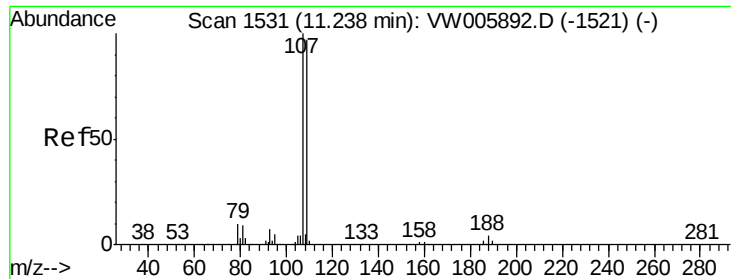
apatel
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#60
Dibromochloromethane
Concen: 73.84 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion: 129 Resp: 243170
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





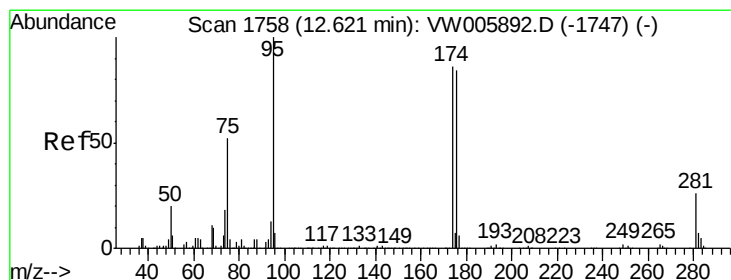
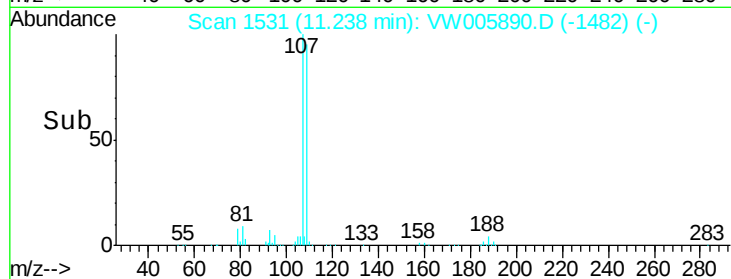
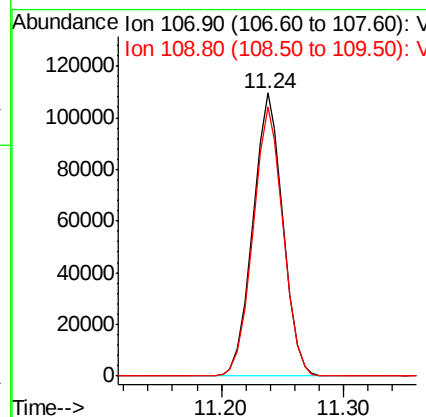
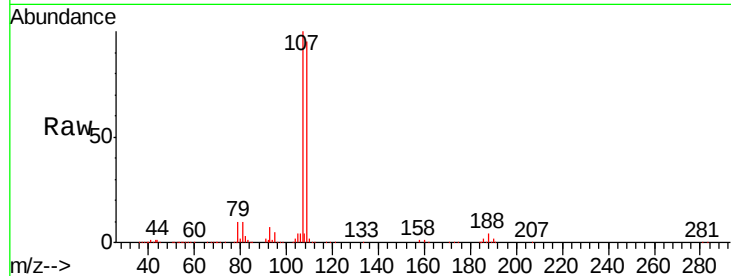
#61
 1,2-Dibromoethane
 Concen: 72.96 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	186080		
109	95.5	75.8	113.8	

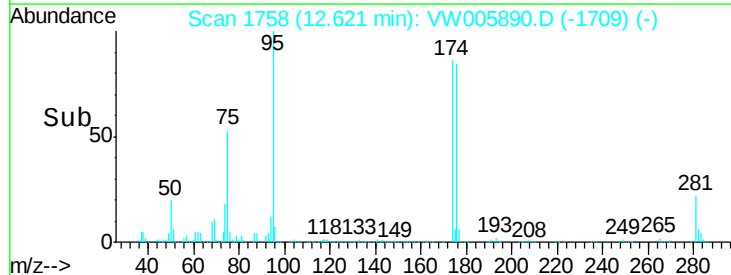
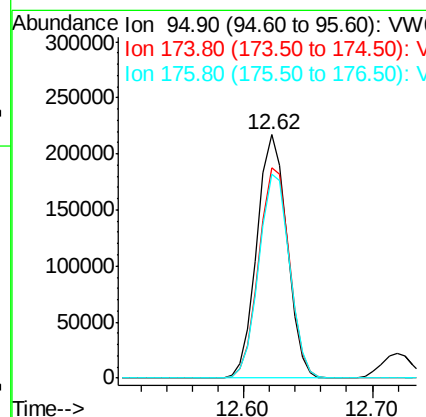
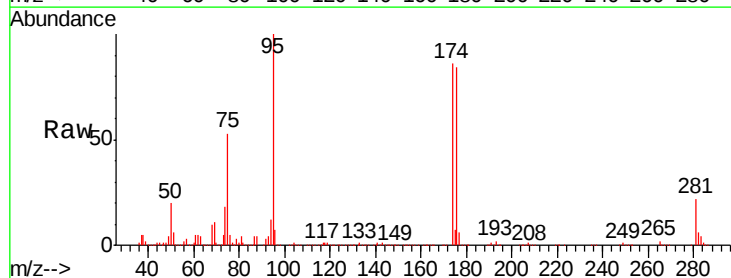
Manual Integrations
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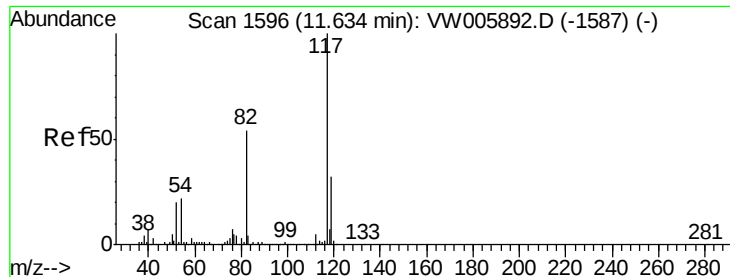
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#62
 4-Bromofluorobenzene
 Concen: 73.17 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	349255		
174	88.2	0.0	176.4	
176	85.6	0.0	173.0	





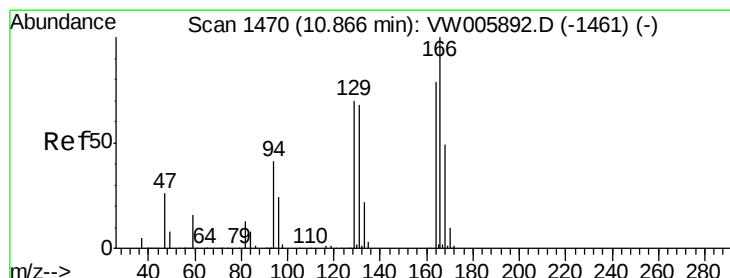
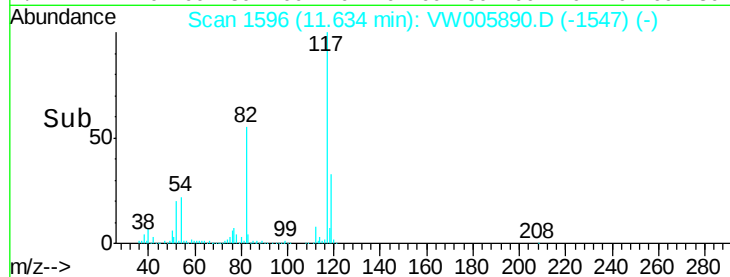
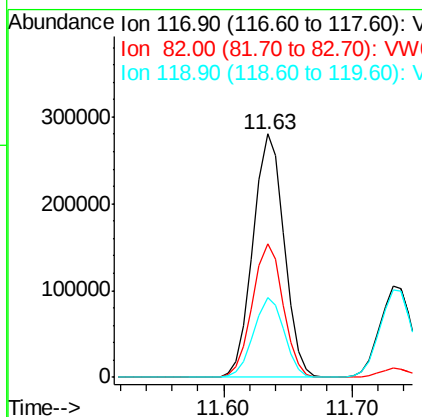
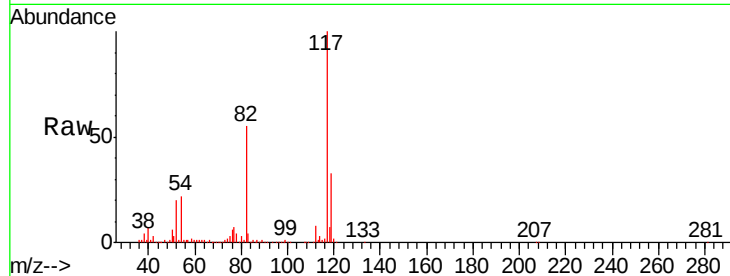
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	466305		
82	54.7	43.5	65.3	
119	32.6	25.4	38.2	

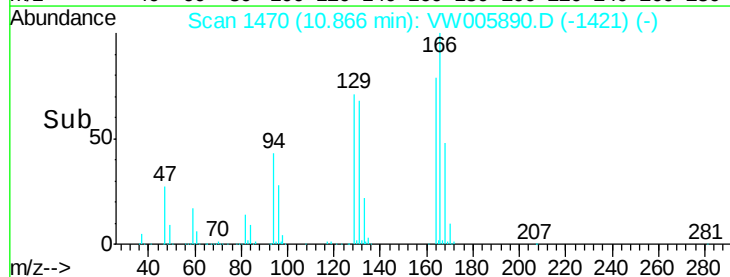
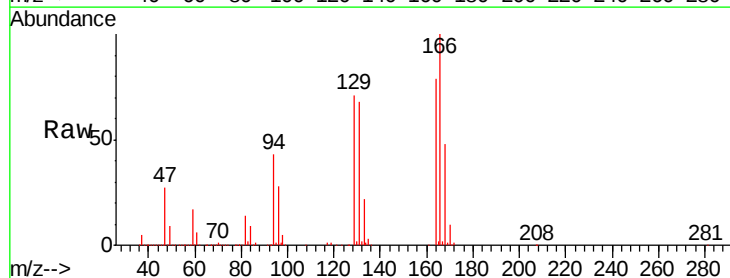
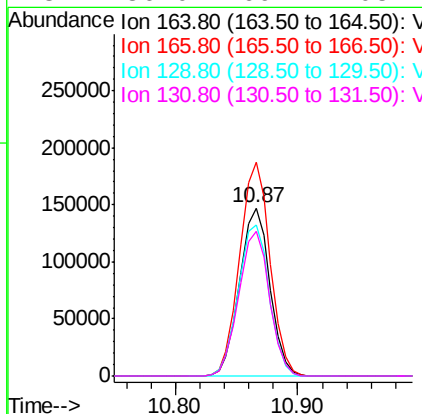
Manual Integrations
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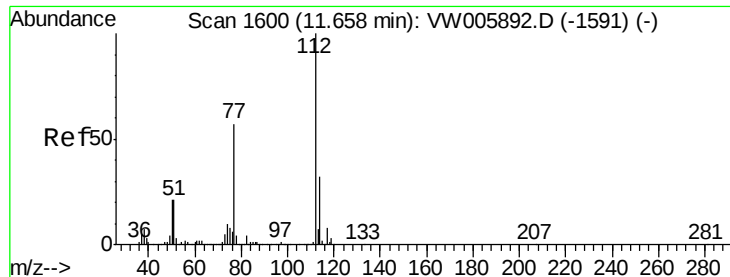
apatel
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#64
Tetrachloroethene
Concen: 72.75 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252714		
166	127.0	101.5	152.3	
129	89.8	71.1	106.7	
131	86.0	69.1	103.7	





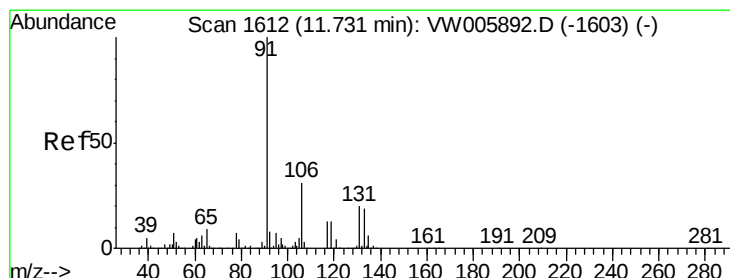
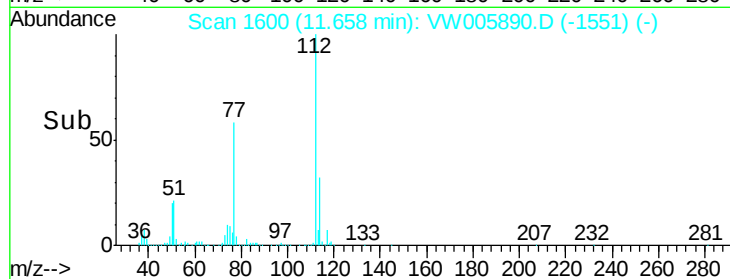
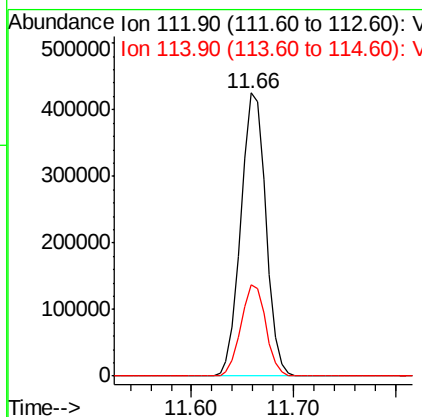
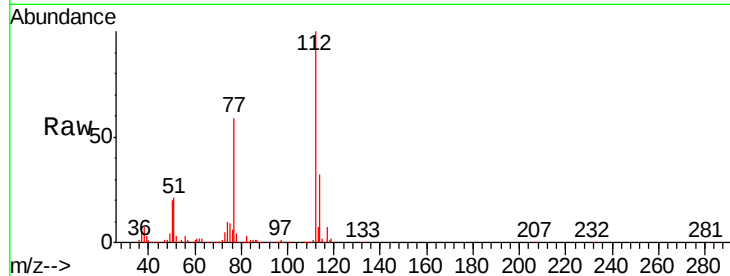
#65
Chlorobenzene
Concen: 72.33 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

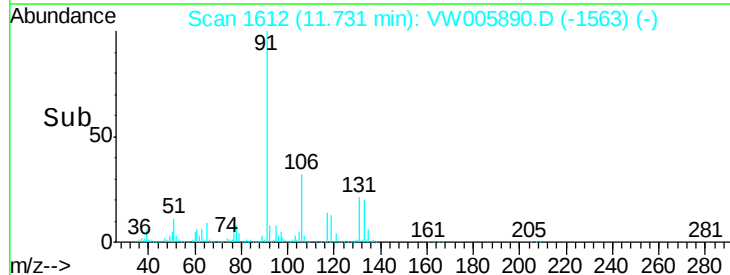
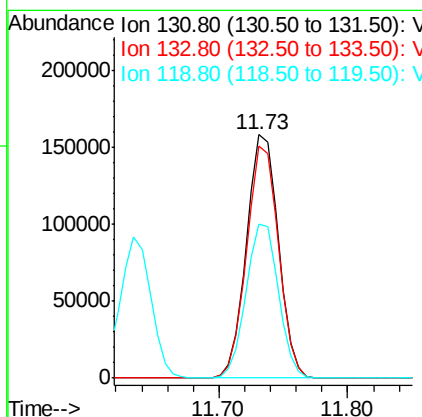
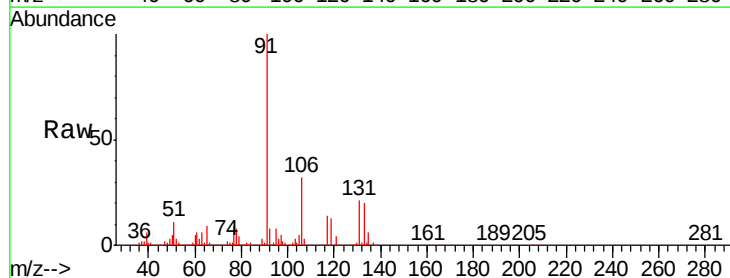
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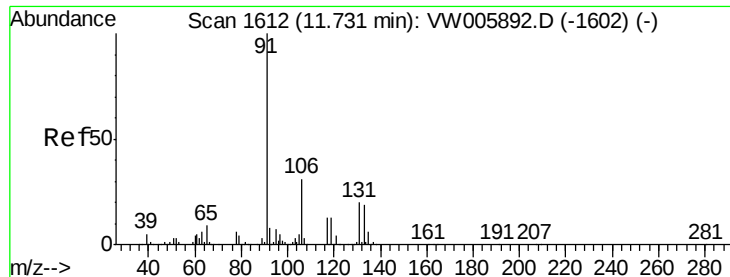
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 73.75 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.2	144.6
119	64.1	32.5	97.5





#67

Ethyl Benzene

Concen: 72.23 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 1274250

Ion Ratio Lower Upper

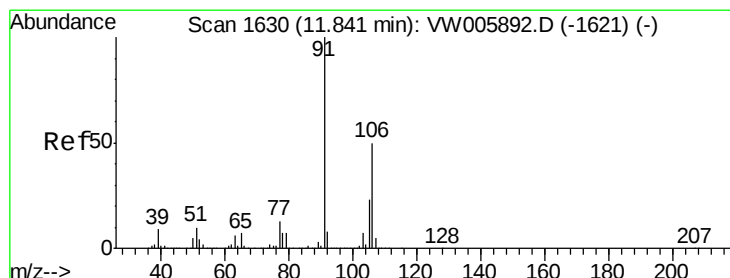
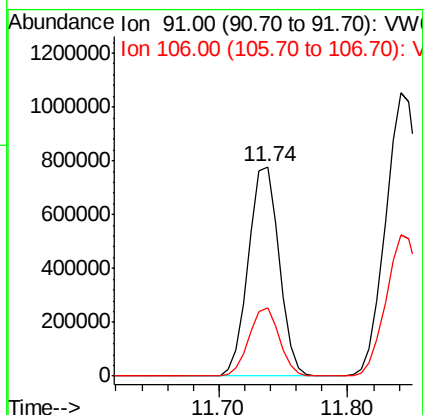
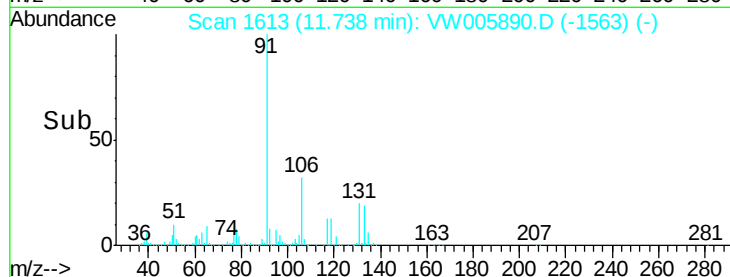
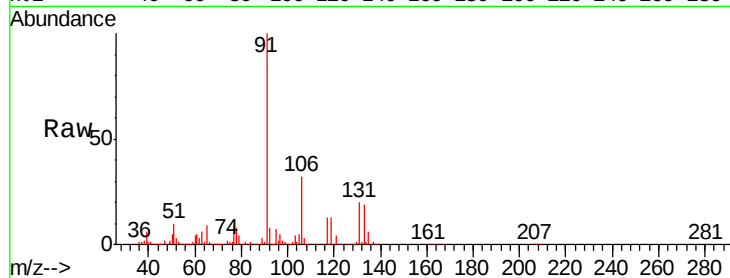
91 100

106 32.4 25.0 37.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 145.15 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005890.D

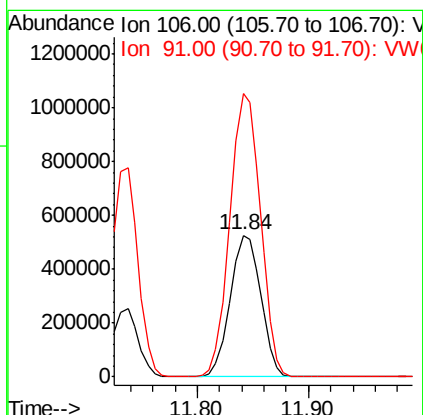
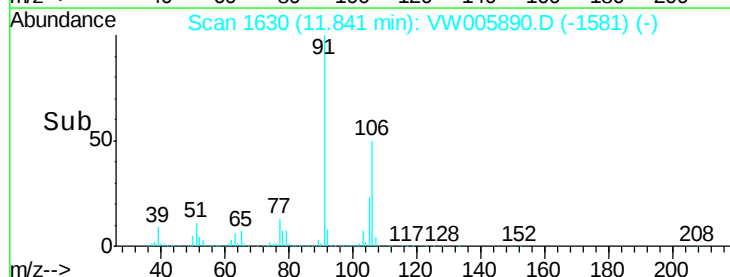
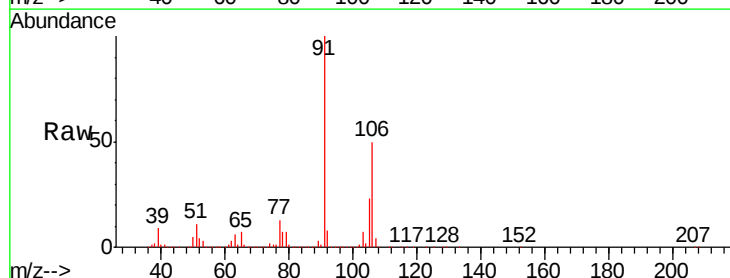
Acq: 08 Oct 2018 12:14

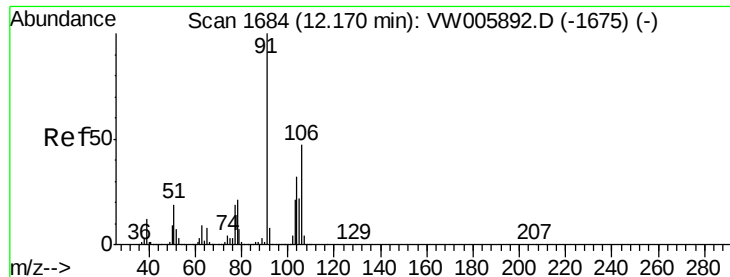
Tgt Ion: 106 Resp: 1000723

Ion Ratio Lower Upper

106 100

91 200.1 160.2 240.2





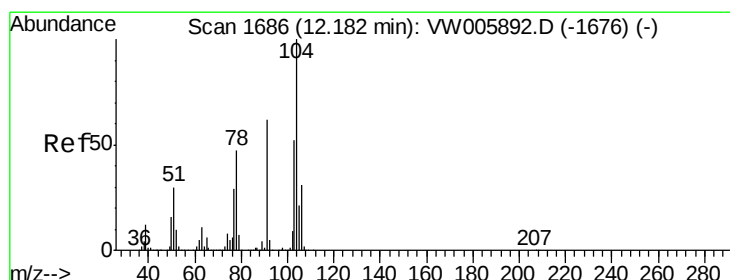
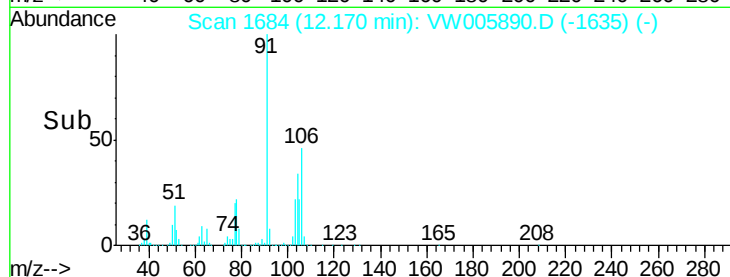
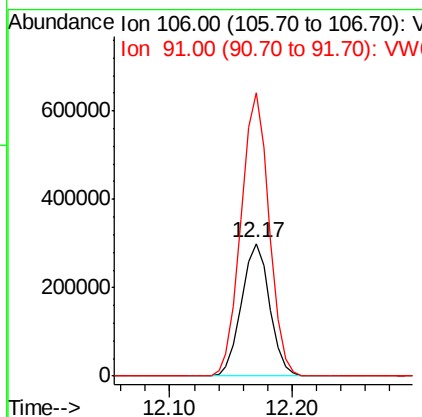
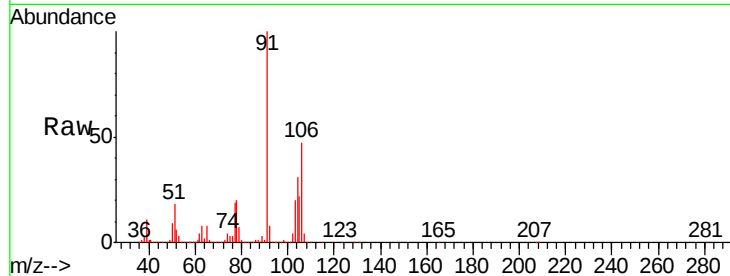
#69
o-Xylene
Concen: 72.73 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 480072
Ion Ratio Lower Upper
106 100
91 212.0 106.2 318.5

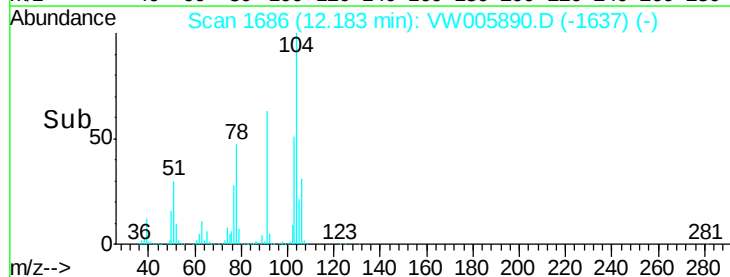
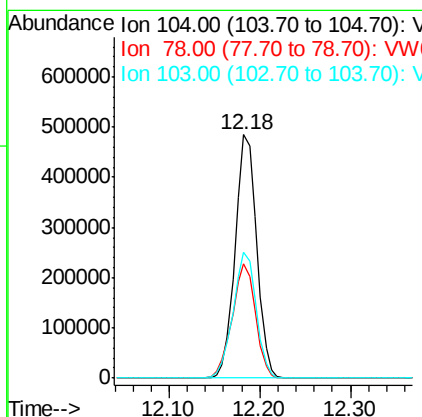
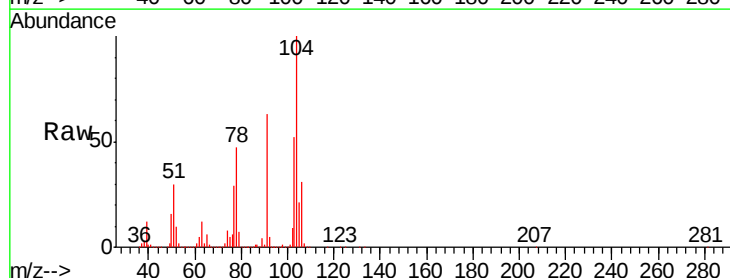
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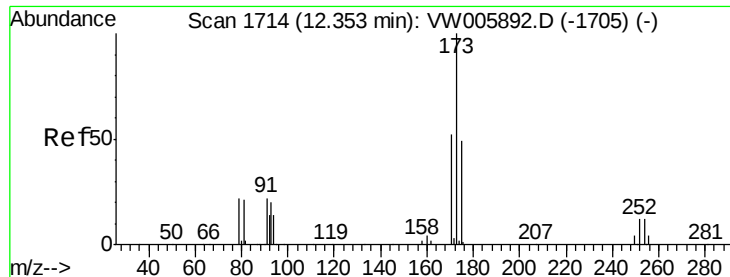
apatel
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#70
Styrene
Concen: 72.94 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion:104 Resp: 798844
Ion Ratio Lower Upper
104 100
78 50.9 40.4 60.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 74.51 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion:173 Resp: 162485

Ion Ratio Lower Upper

173 100

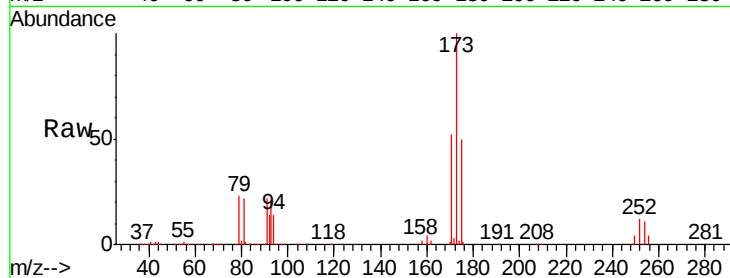
175 48.9 24.7 74.1

254 0.1 0.2 0.2#

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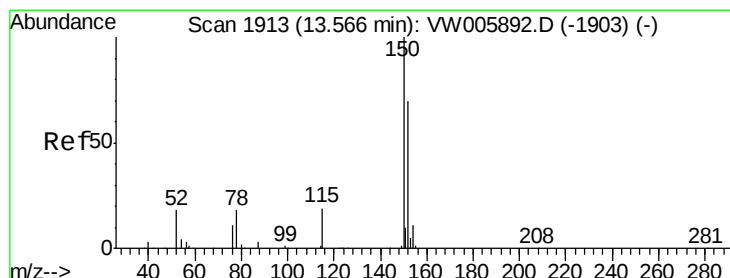
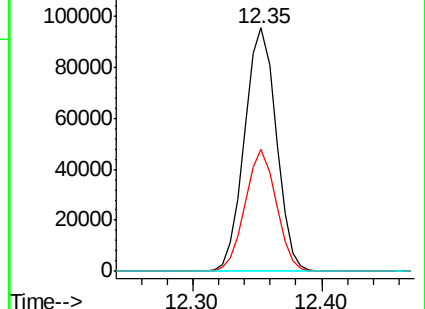
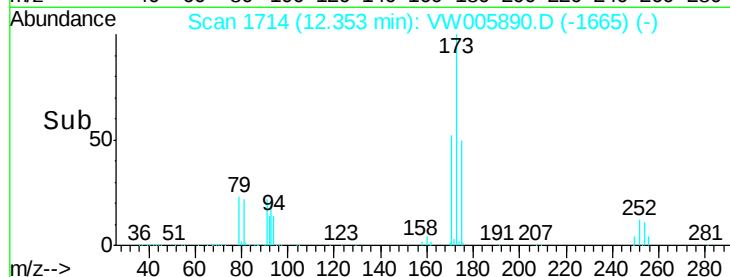
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

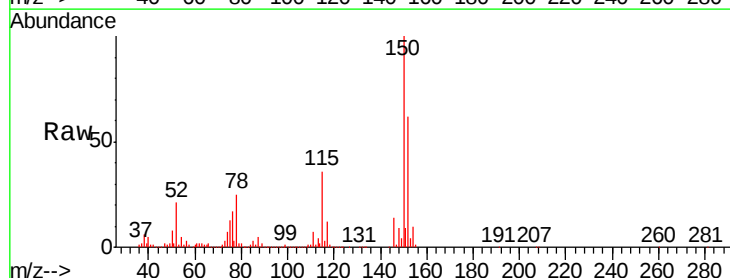
Tgt Ion:152 Resp: 253979

Ion Ratio Lower Upper

152 100

115 56.9 28.3 85.0

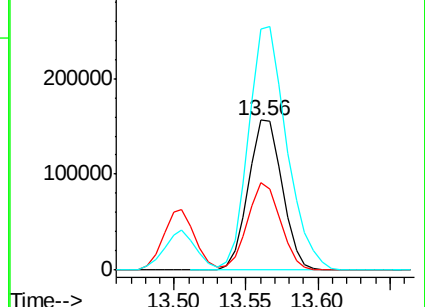
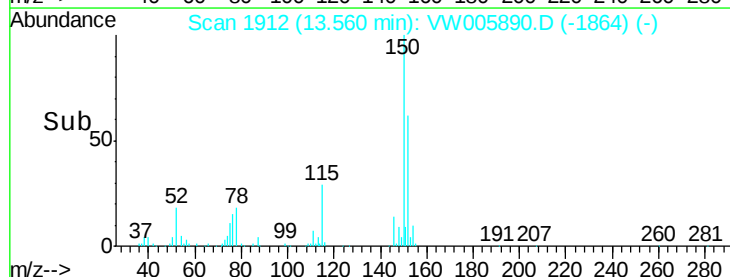
150 183.0 0.0 349.2

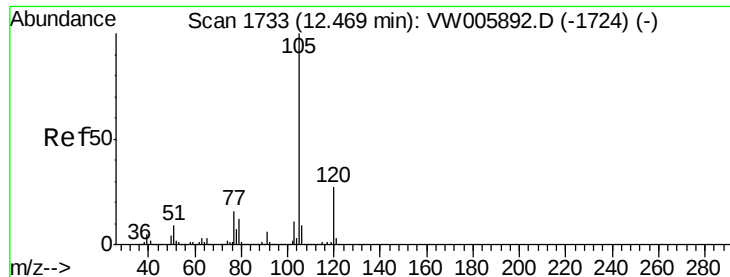


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 72.04 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 105 Resp: 1336203

Ion Ratio Lower Upper

105 100

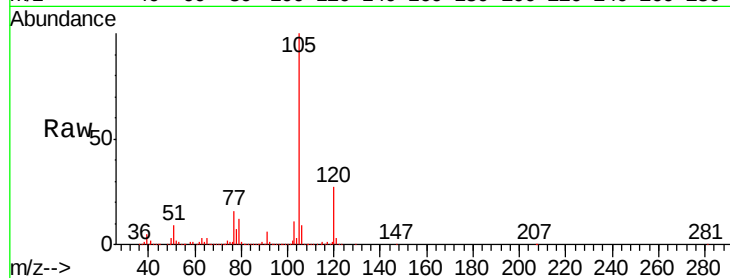
120 27.3 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

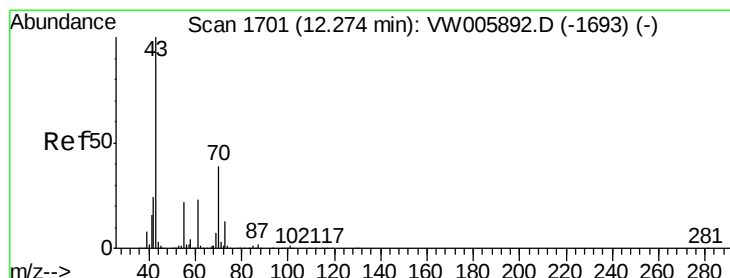
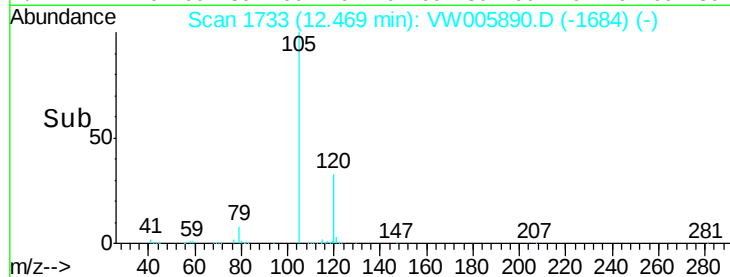
200000

0

12.40

12.47

Time-->



#74

N-ethyl acetate

Concen: 72.73 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion: 43 Resp: 320391

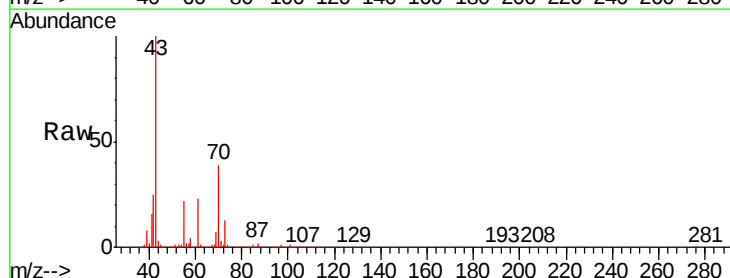
Ion Ratio Lower Upper

43 100

70 40.2 31.6 47.4

55 22.2 17.9 26.9

61 23.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

300000

250000

200000

150000

100000

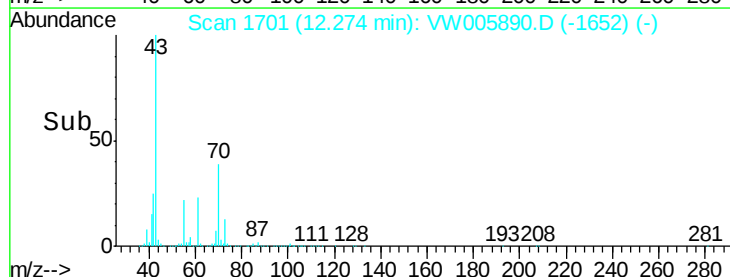
50000

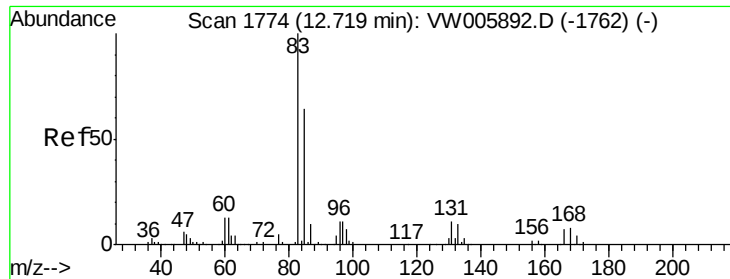
0

12.20

12.27

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 71.93 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

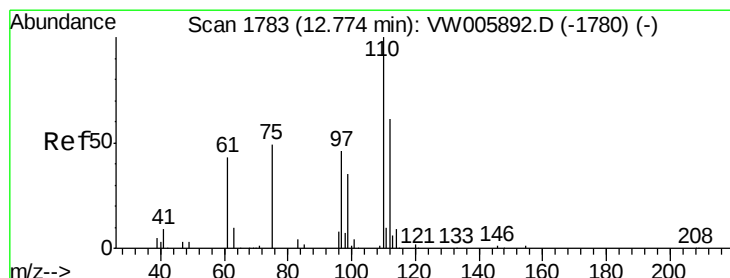
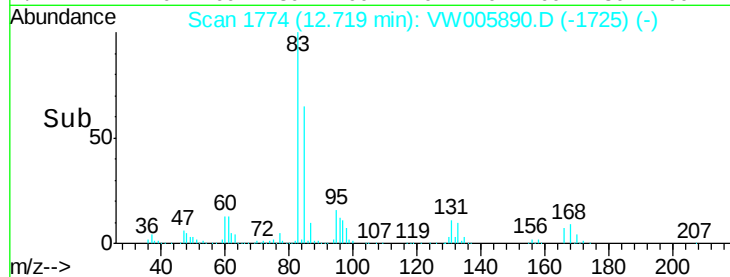
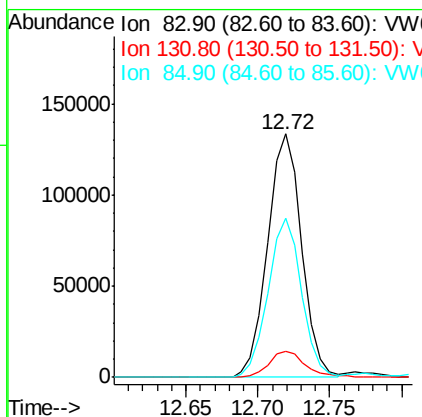
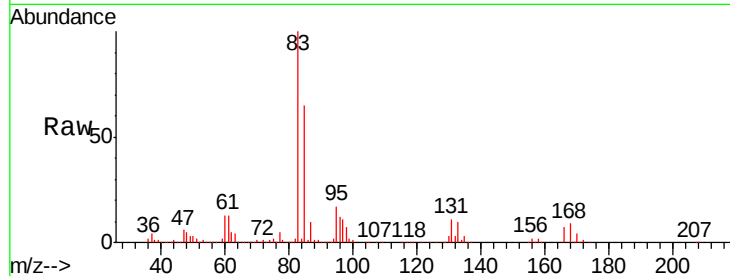
ClientSampleId :

VSTDIC075

Tgt Ion:	83	Resp:	218676
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.3
85	64.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 43.29 ug/l m

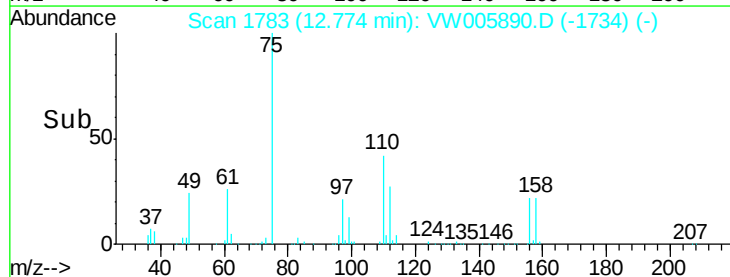
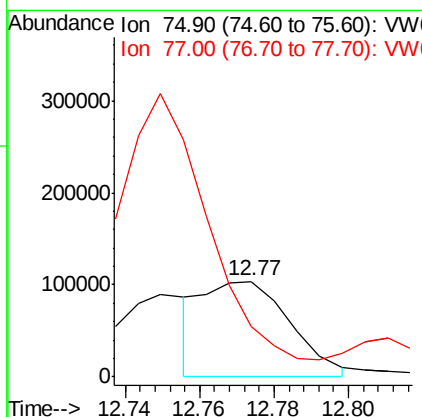
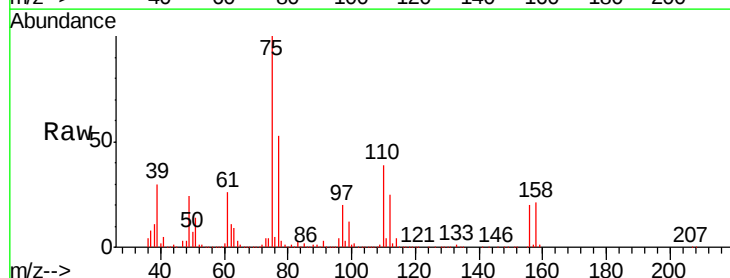
RT: 12.77 min Scan# 1783

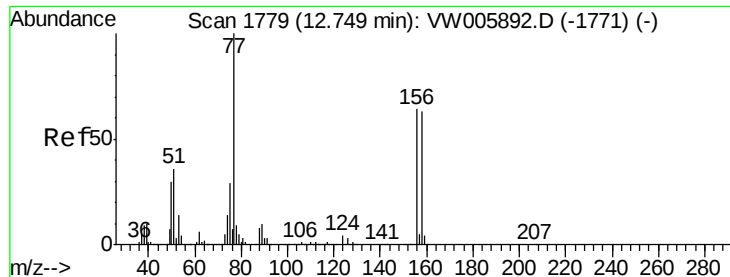
Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	75	Resp:	168294
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 73.25 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

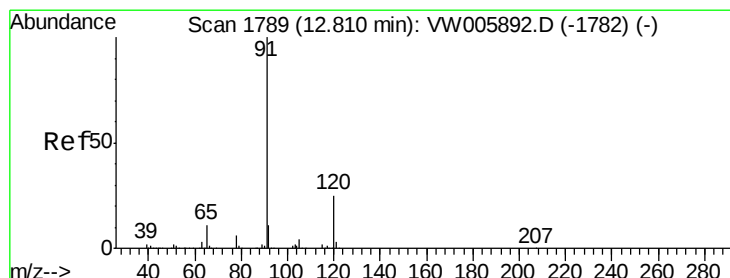
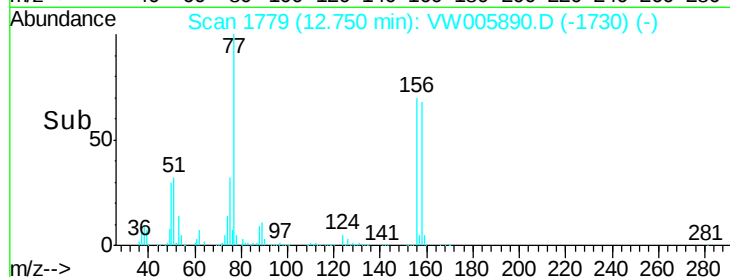
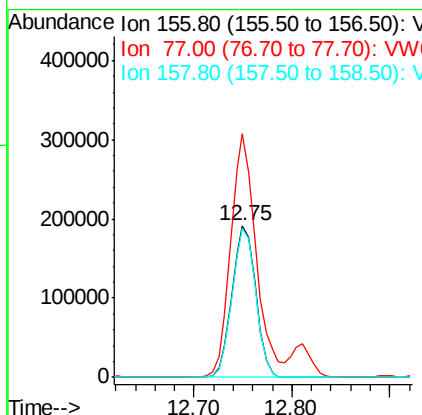
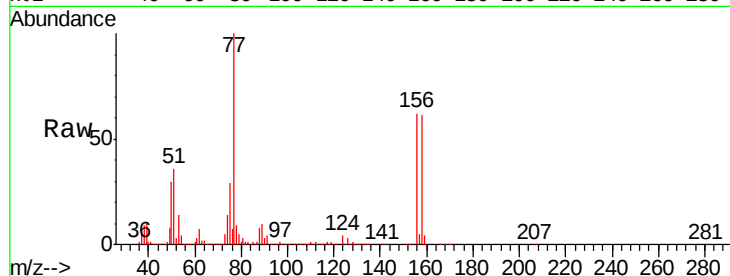
ClientSampleId :

VSTDIC075

Tgt Ion:	156	Resp:	321919
Ion Ratio	Lower	Upper	
156	100		
77	172.0	85.8	257.4
158	97.6	49.1	147.4

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#78

n-propylbenzene

Concen: 72.25 ug/l

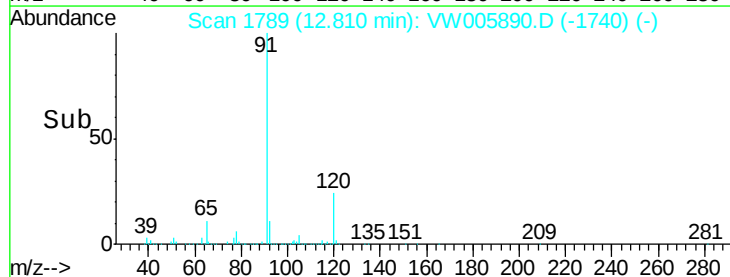
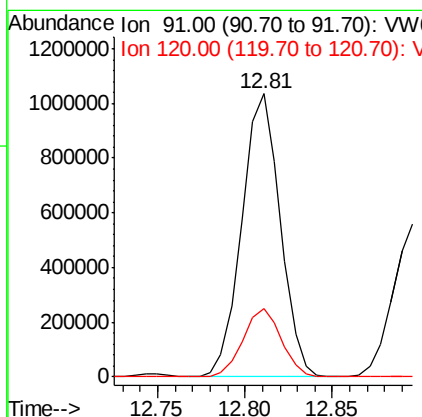
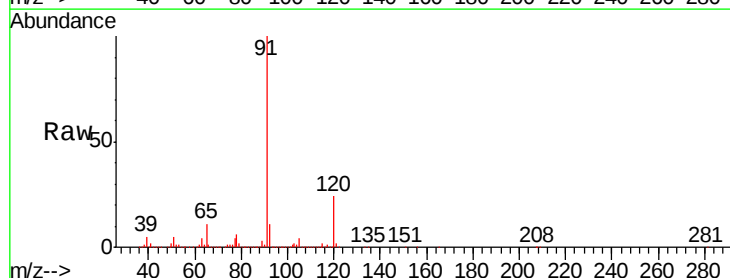
RT: 12.81 min Scan# 1789

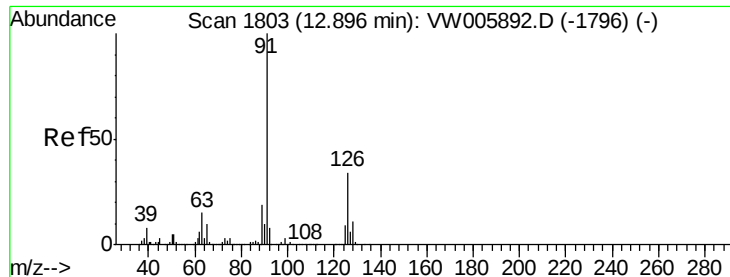
Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Tgt Ion:	91	Resp:	1576352
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0





#79

2-Chlorotoluene

Concen: 72.22 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tgt Ion: 91 Resp: 889545

Ion Ratio Lower Upper

91 100

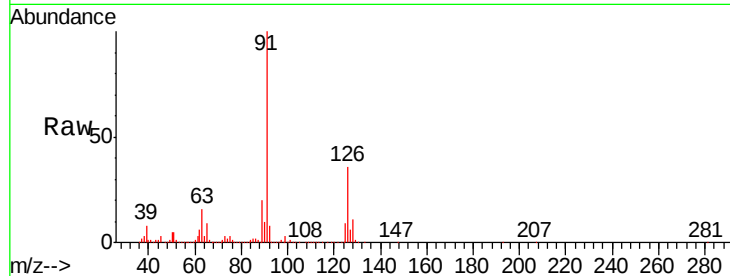
126 35.2 17.5 52.5

Manual Integrations

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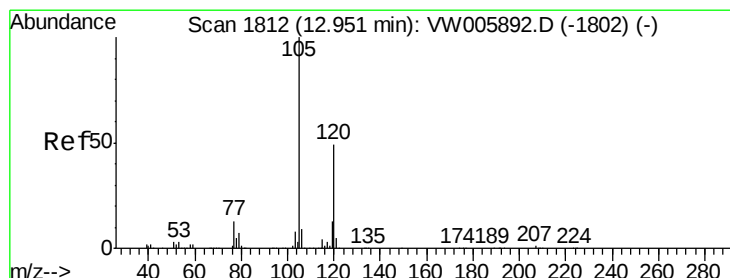
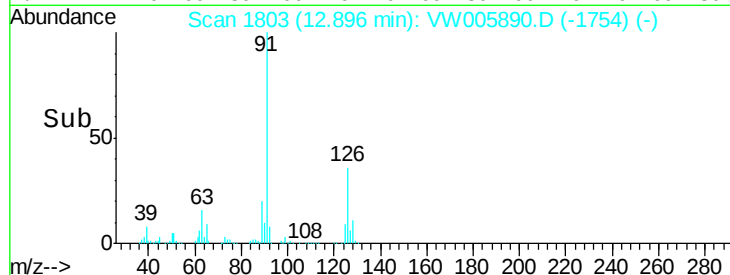
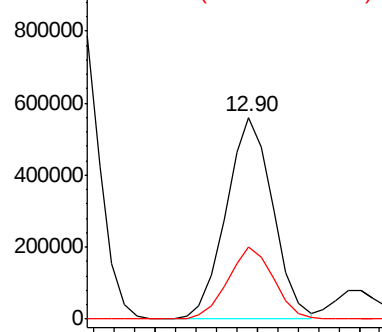
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 72.44 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005890.D

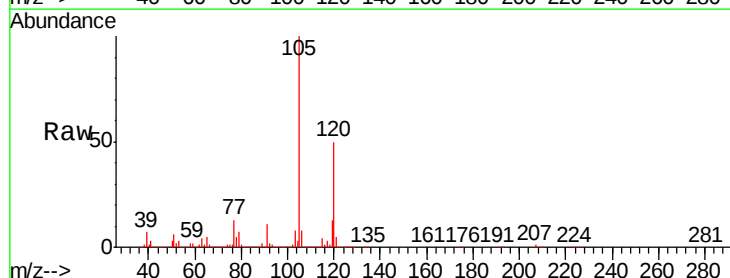
Acq: 08 Oct 2018 12:14

Tgt Ion: 105 Resp: 1134380

Ion Ratio Lower Upper

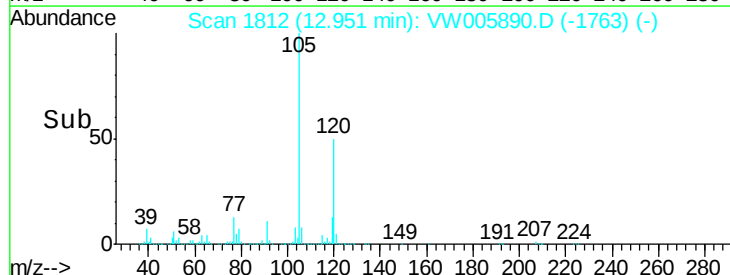
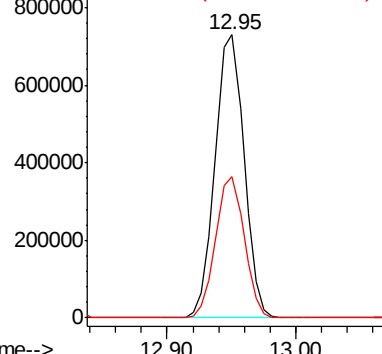
105 100

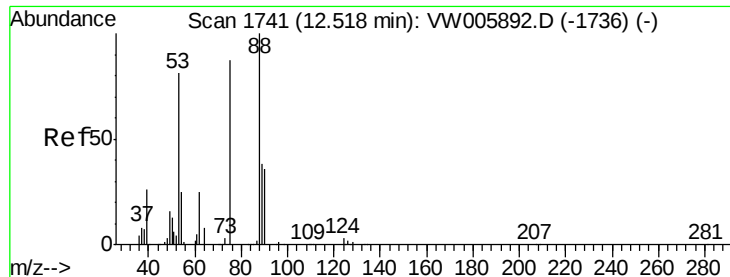
120 49.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





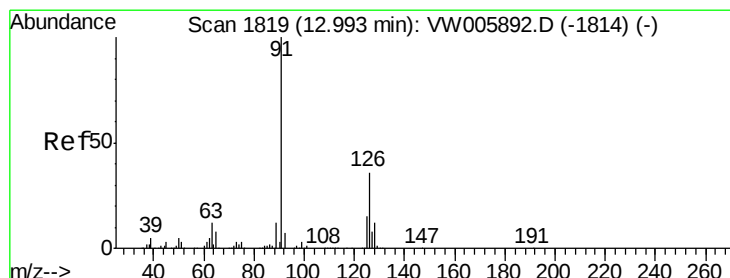
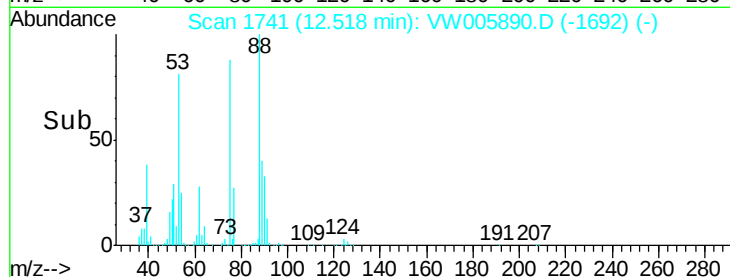
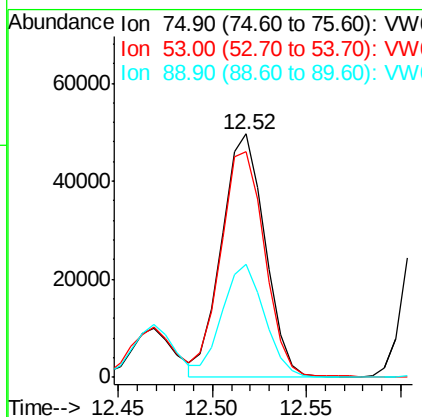
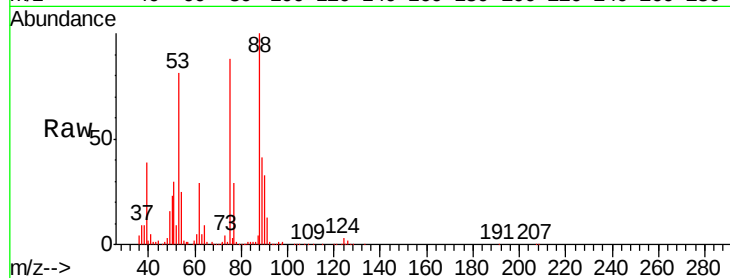
#81
trans-1,4-Dichloro-2-butene
Concen: 73.08 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.8	76.5	114.7
89	46.4	37.6	56.4

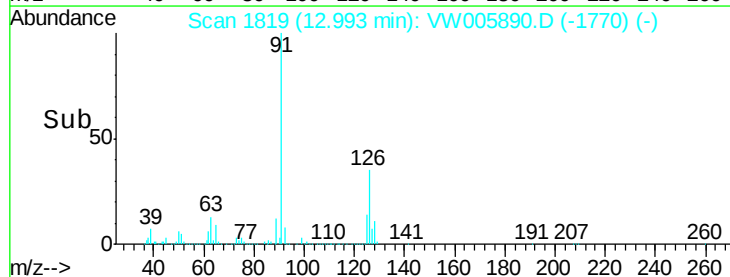
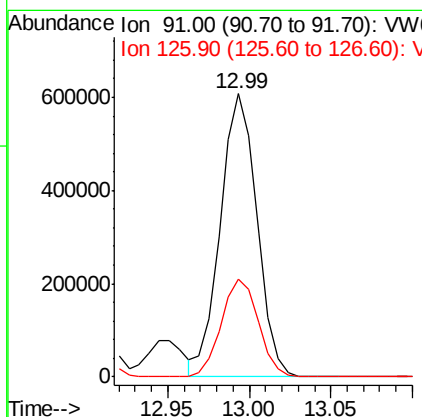
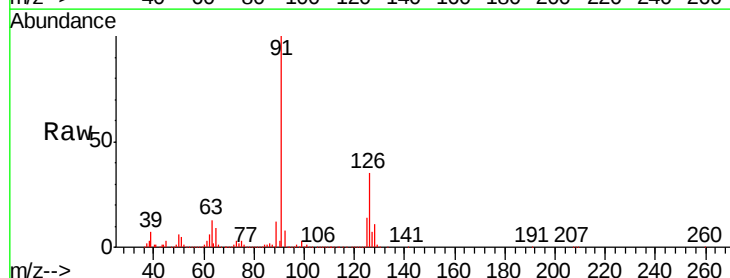
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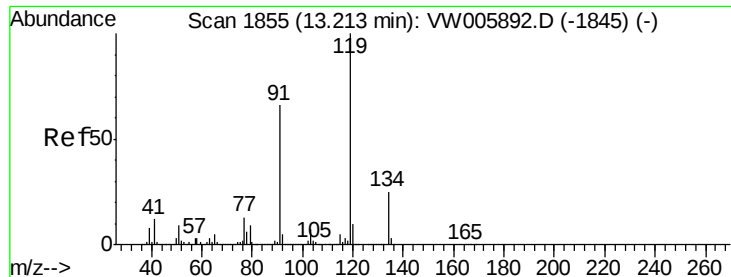
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#82
4-Chlorotoluene
Concen: 73.17 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.4	52.2





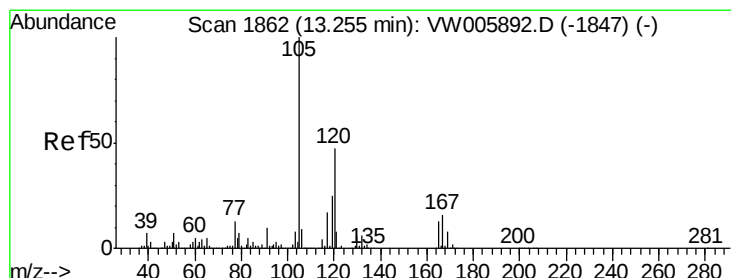
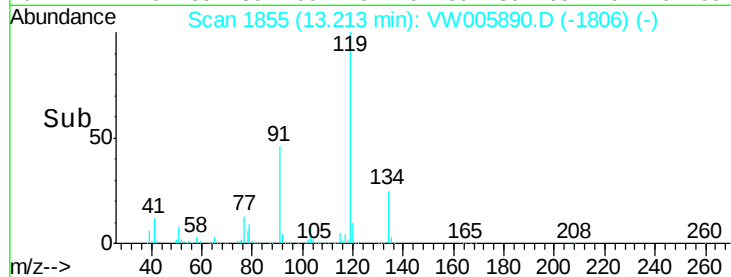
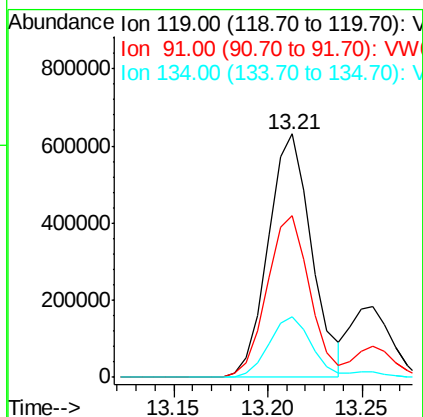
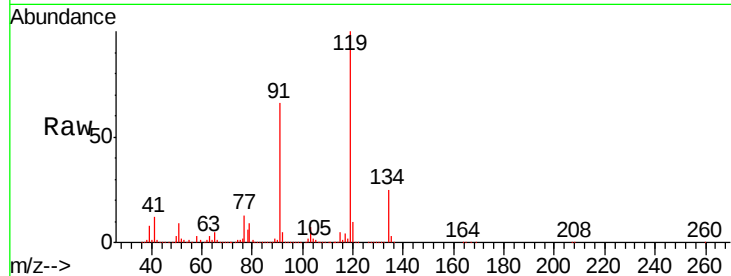
#83
 tert-Butylbenzene
 Concen: 72.54 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:119 Resp: 1010361
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.4 97.0
 134 24.8 13.2 39.6

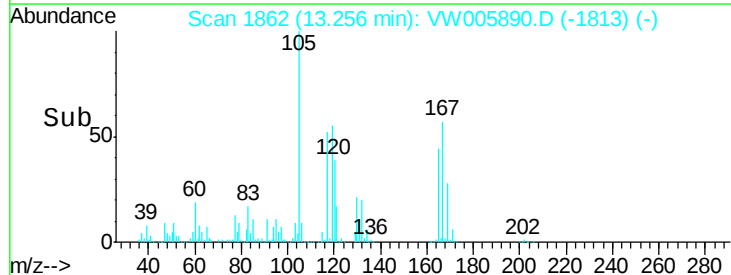
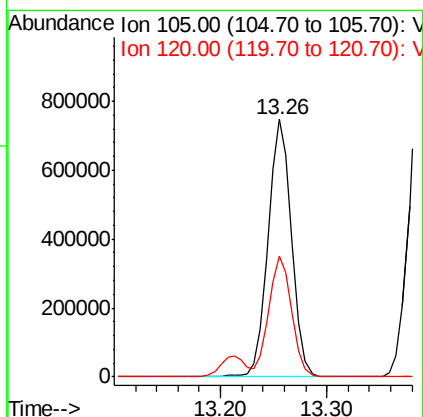
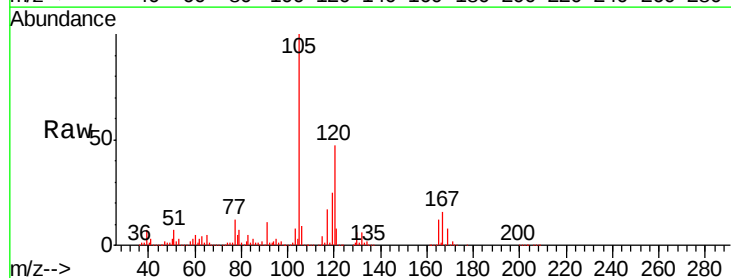
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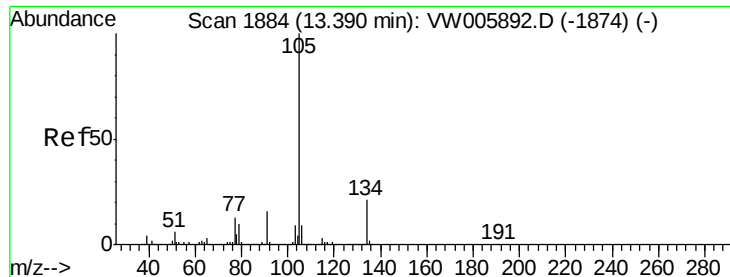
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#84
 1,2,4-Trimethylbenzene
 Concen: 72.75 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:105 Resp: 1149176
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.8 68.3





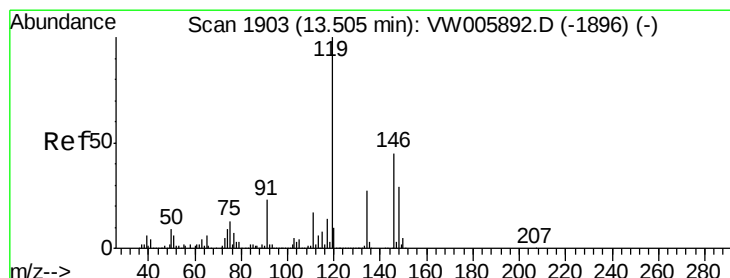
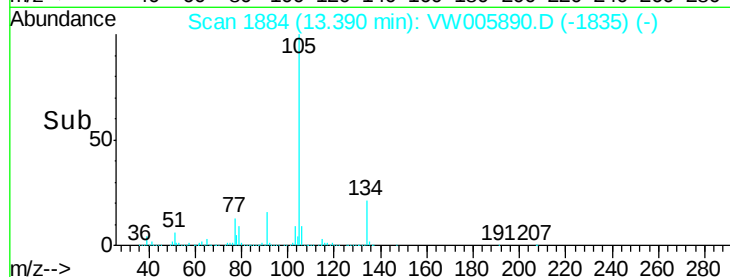
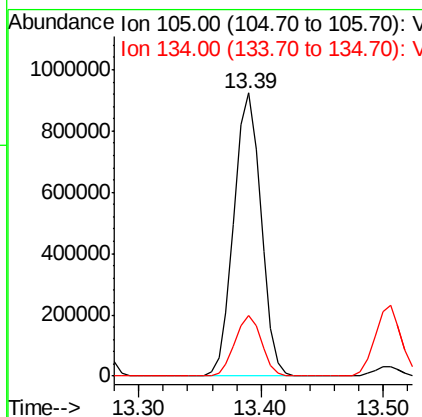
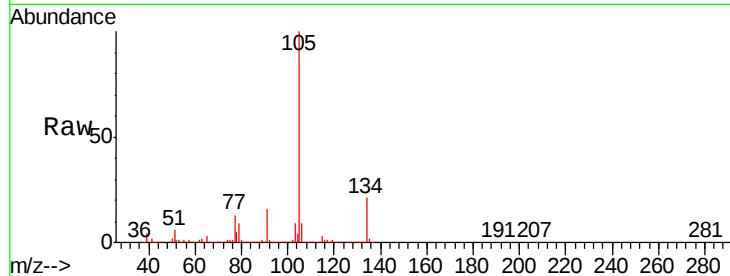
#85
 sec-Butylbenzene
 Concen: 72.65 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tgt Ion:105 Resp: 1420422
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4

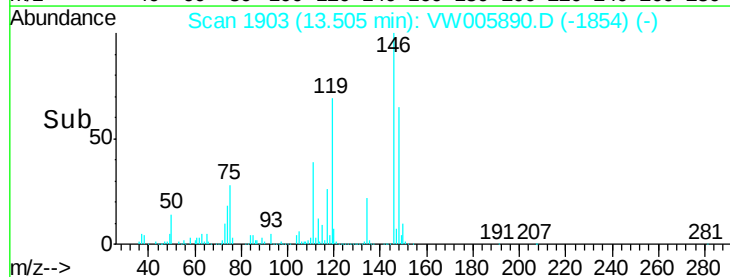
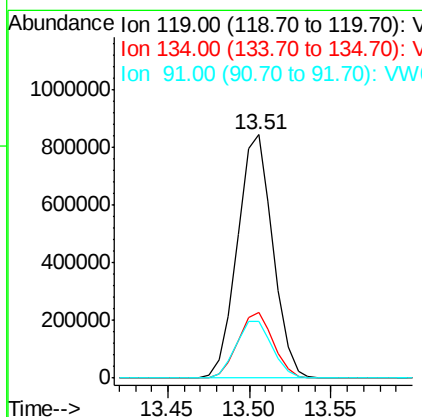
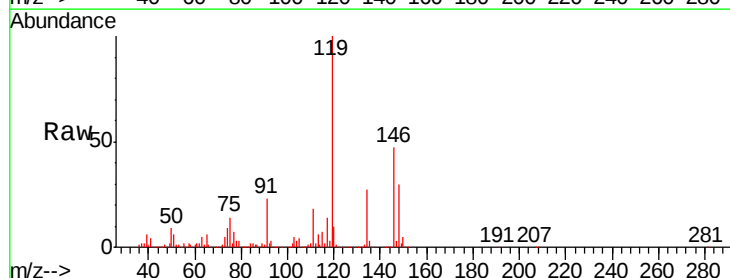
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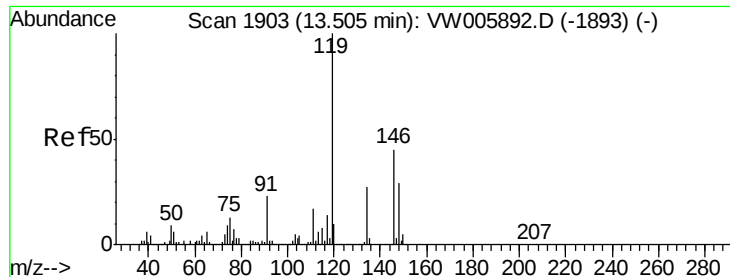
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#86
 p-Isopropyltoluene
 Concen: 72.54 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion:119 Resp: 1275303
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.9 11.9 35.5





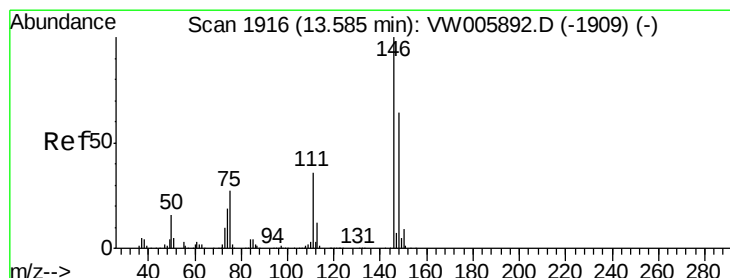
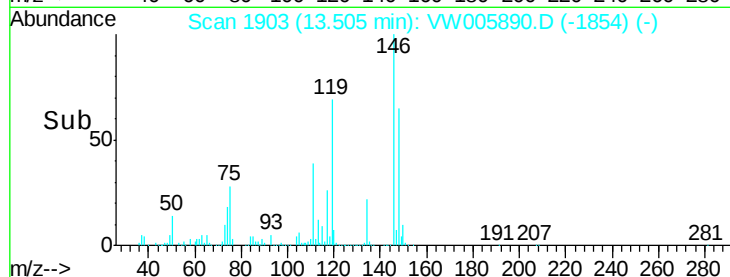
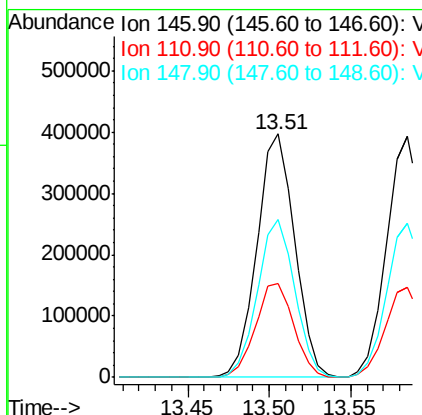
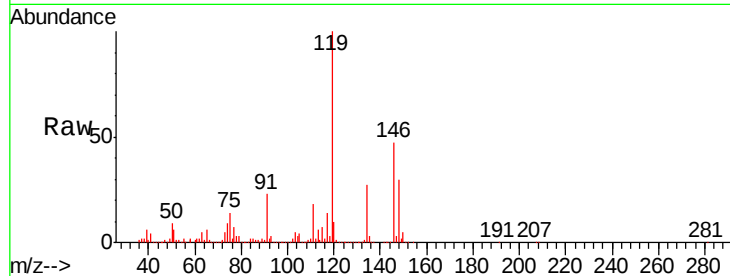
#87
 1,3-Dichlorobenzene
 Concen: 72.71 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	64.1	32.1	96.5

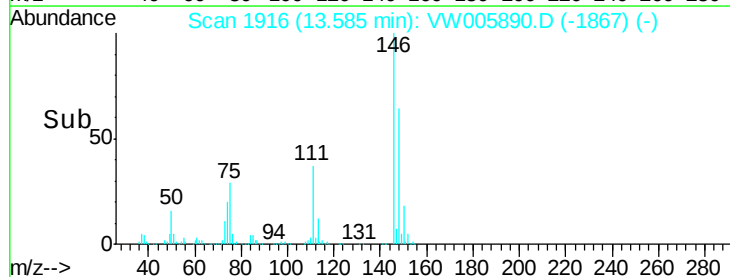
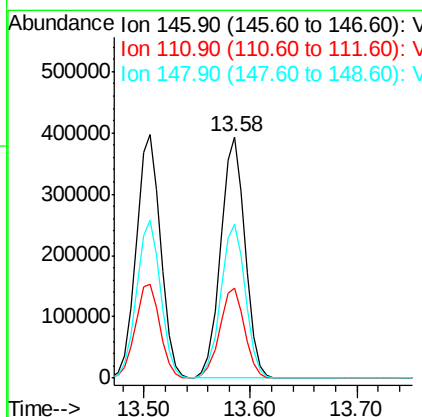
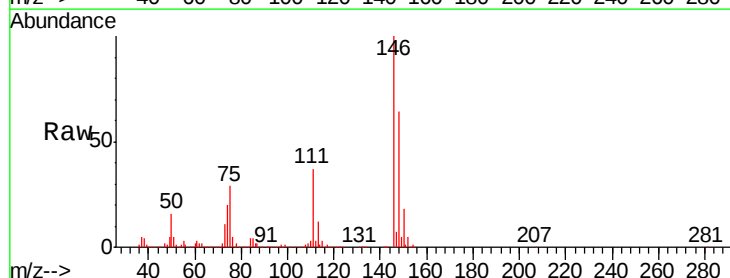
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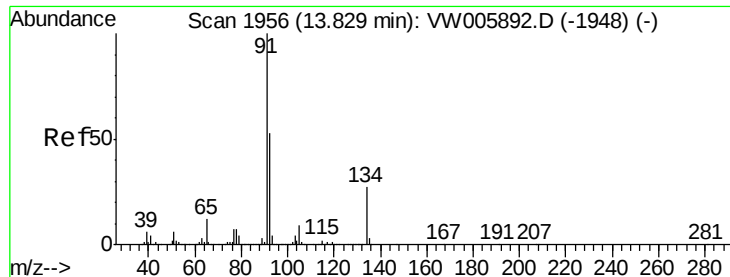
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#88
 1,4-Dichlorobenzene
 Concen: 72.22 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.5	32.0	96.2





#89

n-Butylbenzene

Concen: 73.01 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005890.D

Acq: 08 Oct 2018 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 1210026

Ion Ratio Lower Upper

91 100

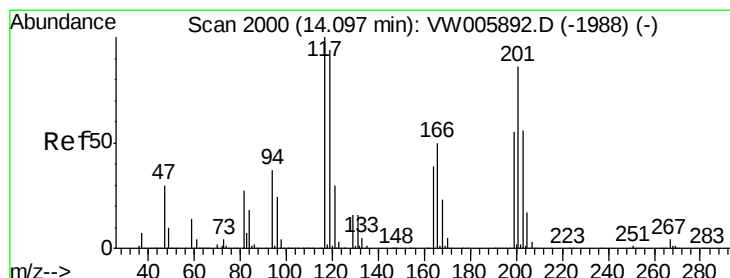
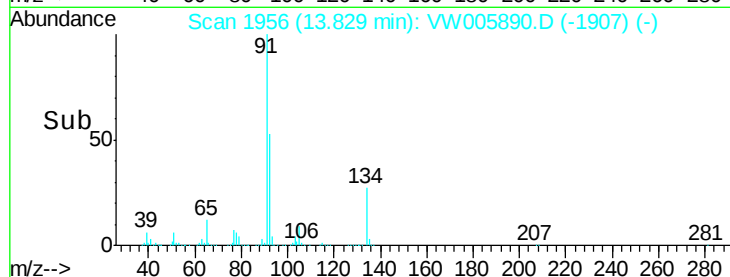
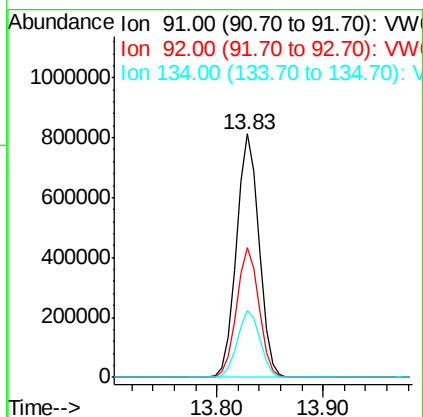
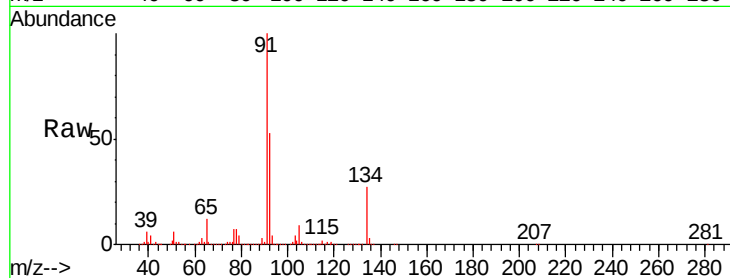
92 52.7 26.6 79.8

134 27.4 13.8 41.4

Manual Integrations
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#90

Hexachloroethane

Concen: 73.05 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005890.D

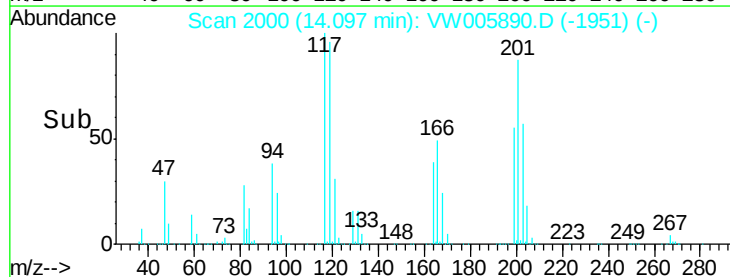
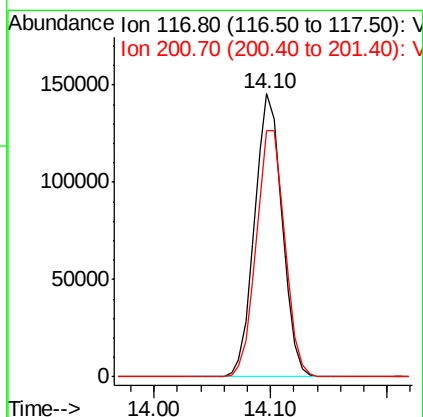
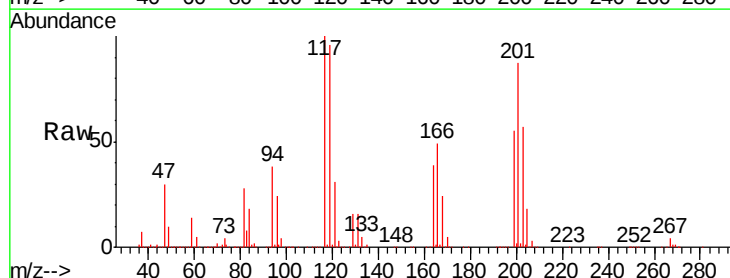
Acq: 08 Oct 2018 12:14

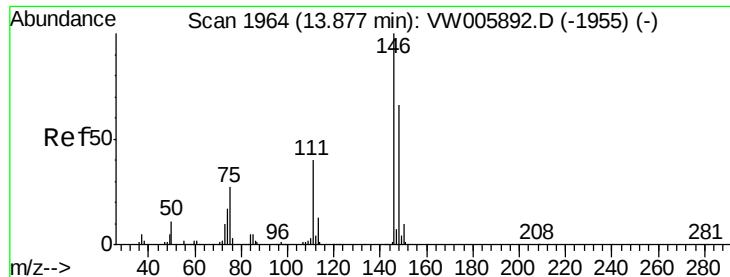
Tgt Ion: 117 Resp: 241544

Ion Ratio Lower Upper

117 100

201 89.9 44.5 133.5





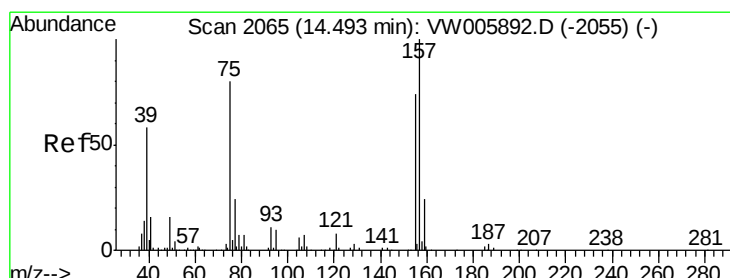
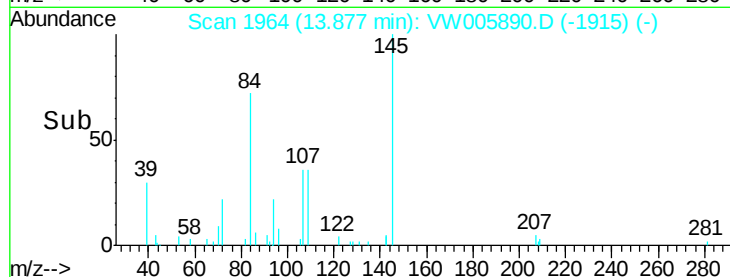
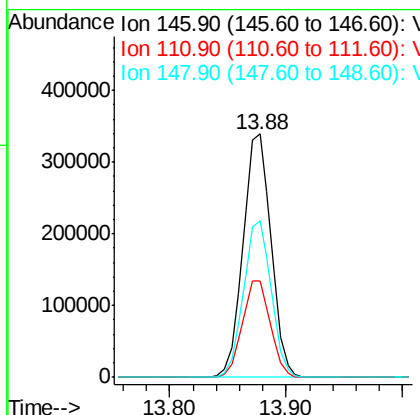
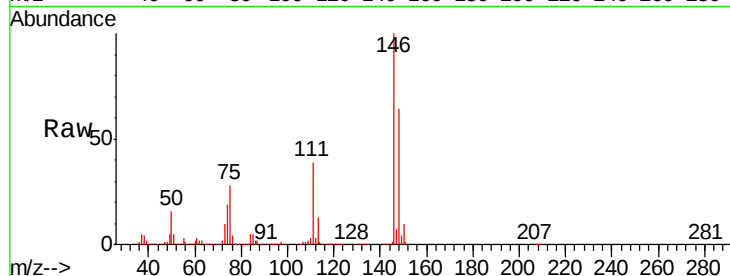
#91
 1,2-Dichlorobenzene
 Concen: 73.54 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	570033		
111	39.6	20.3	61.0	
148	63.4	32.5	97.4	

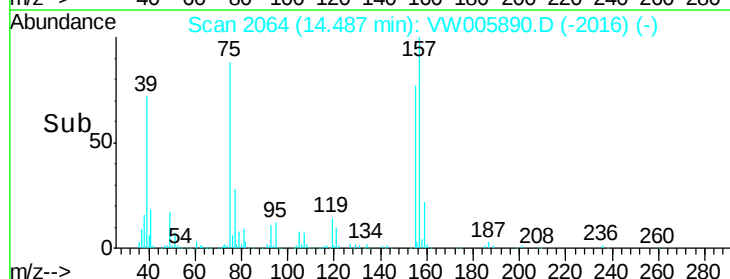
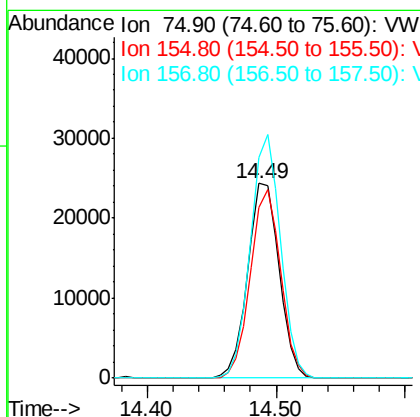
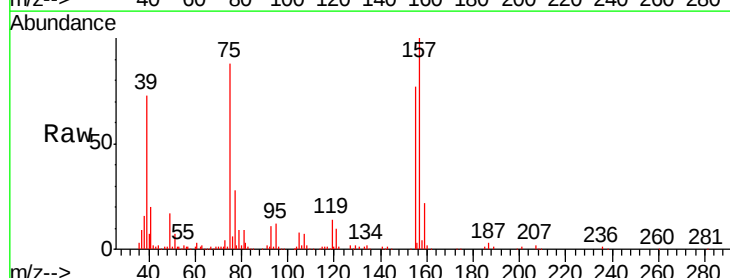
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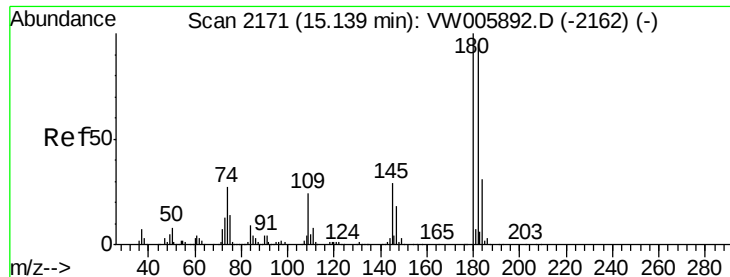
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 72.60 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41132		
155	92.5	44.8	134.3	
157	118.8	58.9	176.6	





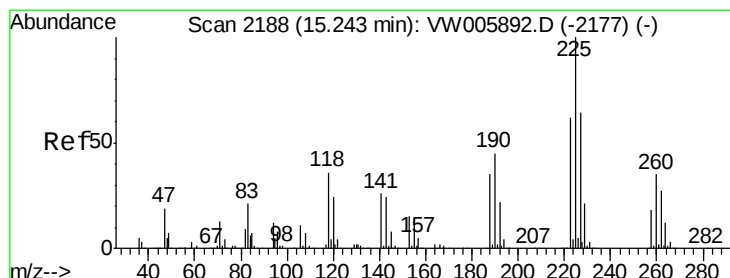
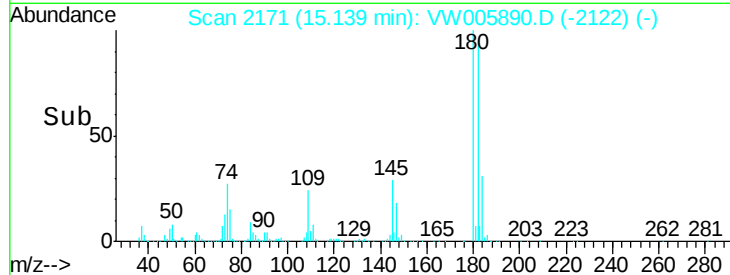
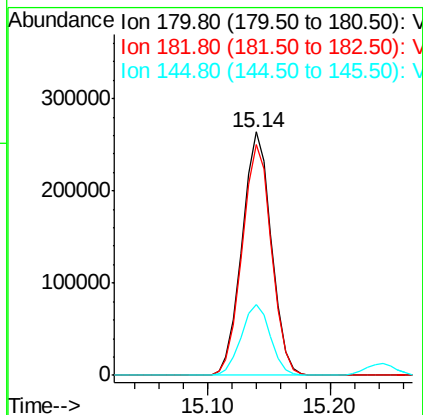
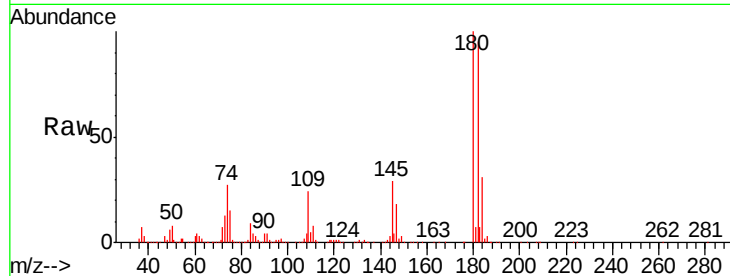
#93
 1,2,4-Trichlorobenzene
 Concen: 72.76 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	437318		
182	95.1	47.8	143.3	
145	29.2	14.5	43.6	

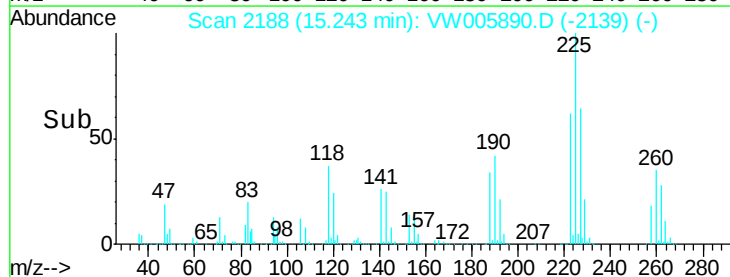
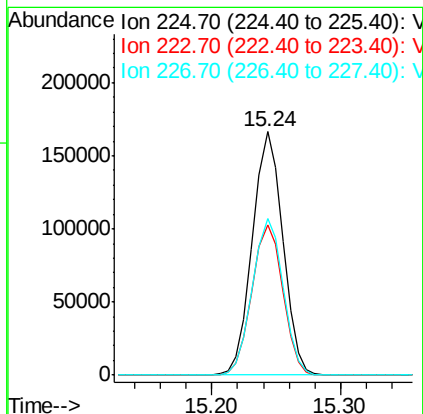
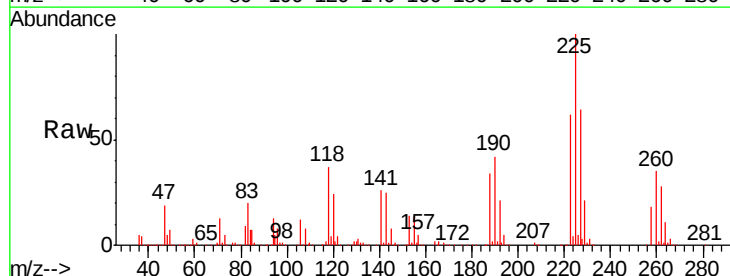
Manual Integrations
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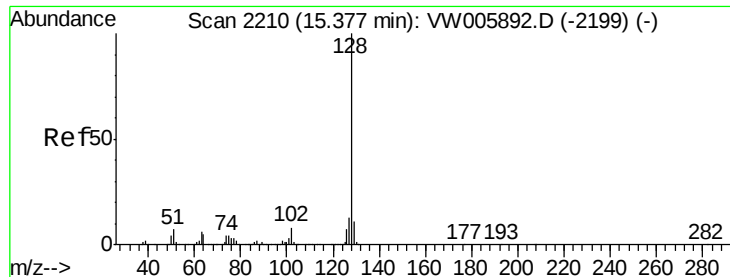
apatel
 10/9/2018 4:12:08 PM



#94
 Hexachlorobutadiene
 Concen: 72.47 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005890.D
 Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	271875		
223	62.6	31.2	93.6	
227	64.9	31.9	95.9	





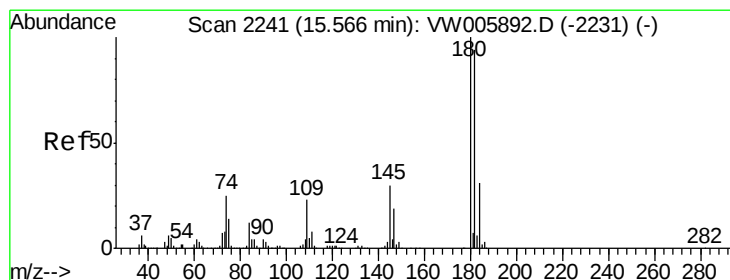
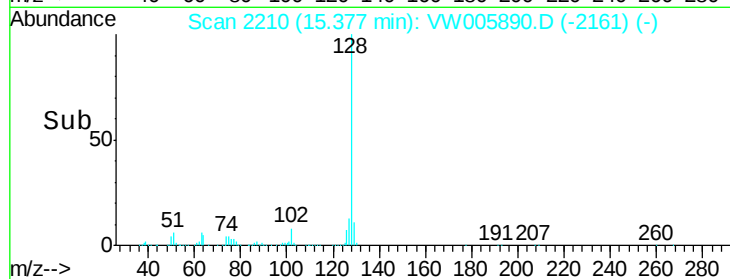
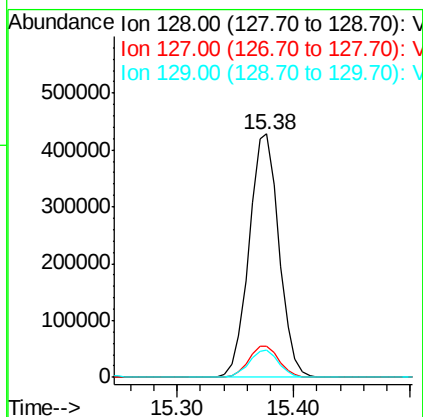
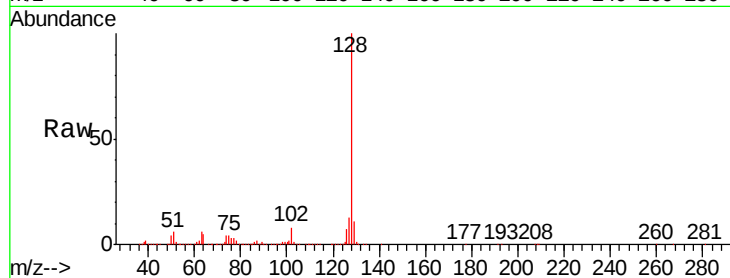
#95
Naphthalene
Concen: 73.95 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	766052		
127	13.1	10.5	15.7	
129	11.0	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 73.12 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005890.D
Acq: 08 Oct 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	380524		
182	95.4	47.6	142.8	
145	30.6	15.3	45.9	

