

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005892.D
 Acq On : 08 Oct 2018 13:06
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 10/9/2018 4:12:20 PM

Quant Time: Oct 09 02:10:51 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	361571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	525654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	259822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	170514	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.88	113	166666	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.33	98	644225	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	246103	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	88715	50.07	ug/l	100
3) Chloromethane	2.21	50	96541	46.32	ug/l	100
4) Vinyl Chloride	2.37	62	166558	50.34	ug/l	100
5) Bromomethane	2.78	94	132377	50.69	ug/l	100
6) Chloroethane	2.93	64	106286	50.42	ug/l	100
7) Trichlorofluoromethane	3.26	101	136109	51.82	ug/l	100
8) Diethyl Ether	3.68	74	78293	48.44	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	161380	48.69	ug/l	100
10) Methyl Iodide	4.26	142	266047	49.08	ug/l	100
11) Tert butyl alcohol	5.21	59	58949	229.16	ug/l	100
12) 1,1-Dichloroethene	4.03	96	155839	48.96	ug/l	100
13) Acrolein	3.89	56	50340	219.59	ug/l	100
14) Allyl chloride	4.67	41	258063	47.54	ug/l	100
15) Acrylonitrile	5.37	53	168503	239.53	ug/l	100
16) Acetone	4.14	43	170951	243.83	ug/l	100
17) Carbon Disulfide	4.37	76	483177	50.21	ug/l	100
18) Methyl Acetate	4.67	43	87025	49.19	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	241380	48.75	ug/l	100
20) Methylene Chloride	4.91	84	160173	45.60	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	172957	49.86	ug/l	100
22) Diisopropyl ether	6.31	45	490386	48.33	ug/l	100
23) Vinyl Acetate	6.26	43	1513441	242.33	ug/l	100
24) 1,1-Dichloroethane	6.21	63	301021	48.48	ug/l	100
25) 2-Butanone	7.18	43	239605	240.28	ug/l	100
26) 2,2-Dichloropropane	7.17	77	210869	48.25	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	193233	49.25	ug/l	100
28) Bromochloromethane	7.51	49	105081	45.85	ug/l	100
29) Tetrahydrofuran	7.53	42	150079	238.08	ug/l	100
30) Chloroform	7.68	83	309450	48.52	ug/l	100
31) Cyclohexane	7.96	56	286303	46.59	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	277113	48.79	ug/l	100
36) 1,1-Dichloropropene	8.09	75	251768	49.99	ug/l	100
37) Ethyl Acetate	7.26	43	102302	47.96	ug/l	100
38) Carbon Tetrachloride	8.07	117	272531	50.36	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	336822	50.70	ug/l	100
40) Benzene	8.32	78	687323	49.86	ug/l	100
41) Methacrylonitrile	7.48	41	62399	46.73	ug/l	100
42) 1,2-Dichloroethane	8.40	62	204307	49.06	ug/l	100
43) Isopropyl Acetate	8.43	43	219266	49.21	ug/l	100
44) Trichloroethene	9.09	130	203512	50.88	ug/l	100
45) 1,2-Dichloropropane	9.37	63	170081	49.29	ug/l	100
46) Dibromomethane	9.46	93	93432	49.27	ug/l	100
47) Bromodichloromethane	9.65	83	234365	49.11	ug/l	100
48) Methyl methacrylate	9.44	41	104792	49.37	ug/l	100
49) 1,4-Dioxane	9.46	88	28784	999.20	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	532774	245.55	ug/l	100
52) Toluene	10.39	92	450165	49.71	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	248423	49.81	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	276761	49.37	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	127970	48.72	ug/l	100
56) Ethyl methacrylate	10.65	69	173056	48.88	ug/l	100
57) 1,3-Dichloropropane	10.93	76	217397	49.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	341715	237.21	ug/l	100
59) 2-Hexanone	10.97	43	388679	249.84	ug/l	100
60) Dibromochloromethane	11.13	129	168169	49.61	ug/l	100
61) 1,2-Dibromoethane	11.24	107	129074	49.17	ug/l	100
64) Tetrachloroethene	10.87	164	176736	50.10	ug/l	100
65) Chlorobenzene	11.66	112	510200	50.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	186365	50.13	ug/l	100
67) Ethyl Benzene	11.73	91	911513	50.88	ug/l	100
68) m/p-Xylenes	11.84	106	711018	101.55	ug/l	100
69) o-Xylene	12.17	106	337955	50.42	ug/l	100
70) Styrene	12.18	104	561661	50.50	ug/l	100
71) Bromoform	12.35	173	110591	49.94	ug/l	100
73) Isopropylbenzene	12.47	105	948276	49.97	ug/l	100
74) N-amyl acetate	12.27	43	220364	48.90	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	152722	49.10	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	115776m	29.11	ug/l	
77) Bromobenzene	12.75	156	225386	50.13	ug/l	100
78) n-propylbenzene	12.81	91	1118174	50.09	ug/l	100
79) 2-Chlorotoluene	12.90	91	627877	49.83	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	803288	50.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	53998	49.12	ug/l	100
82) 4-Chlorotoluene	12.99	91	669336	50.49	ug/l	100
83) tert-Butylbenzene	13.21	119	718322	50.41	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	815448	50.46	ug/l	100
85) sec-Butylbenzene	13.39	105	1016051	50.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	918214	51.05	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	450535	50.44	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	447534	50.43	ug/l	100
89) n-Butylbenzene	13.83	91	863844	50.95	ug/l	100
90) Hexachloroethane	14.10	117	171766	50.78	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	397186	50.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28631	49.40	ug/l	100

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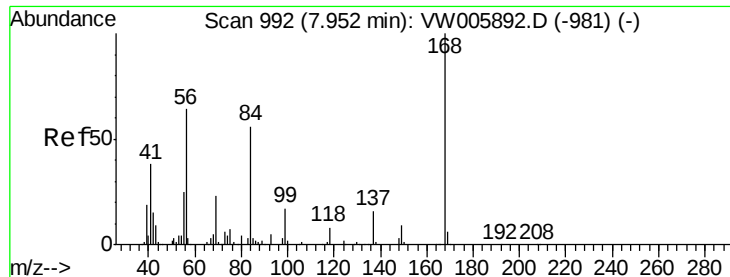
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	311270	50.63	ug/l	100
94) Hexachlorobutadiene	15.24	225	197282	51.41	ug/l	100
95) Naphthalene	15.38	128	534144	50.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	270032	50.72	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: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 168 Resp: 361571

Ion Ratio Lower Upper

168 100

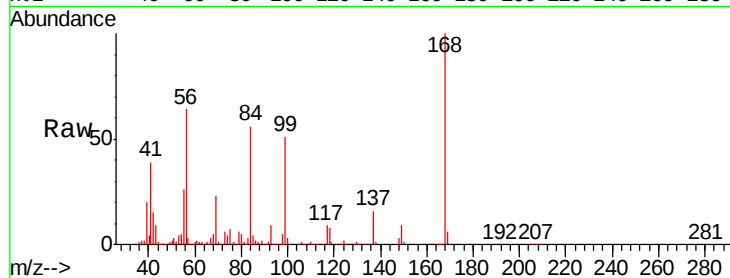
99 51.1 40.9 61.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

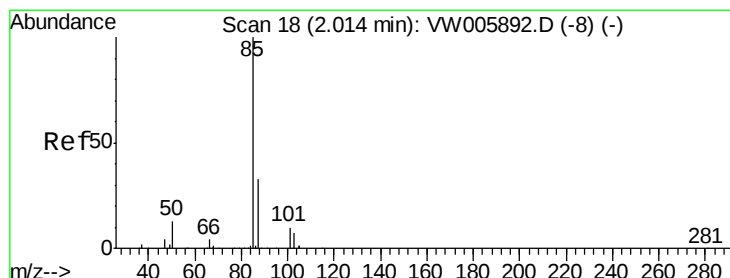
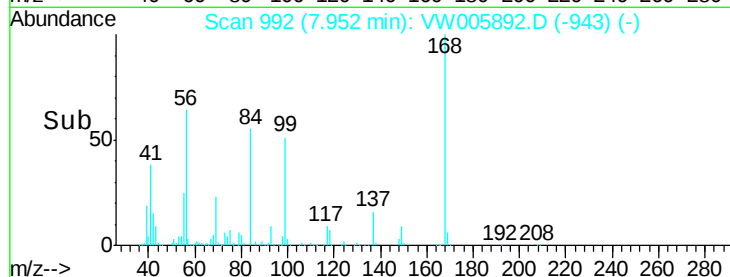
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.07 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005892.D

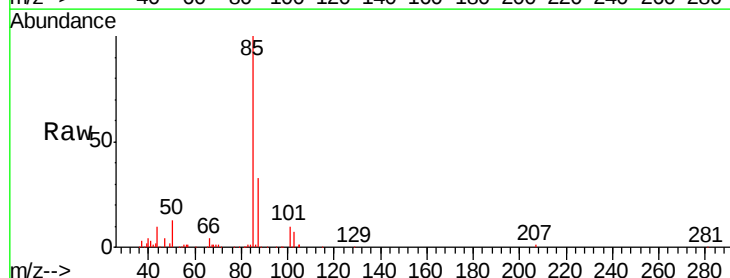
Acq: 08 Oct 2018 13:06

Tgt Ion: 85 Resp: 88715

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

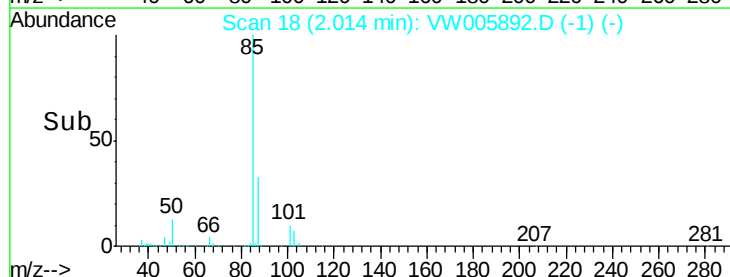
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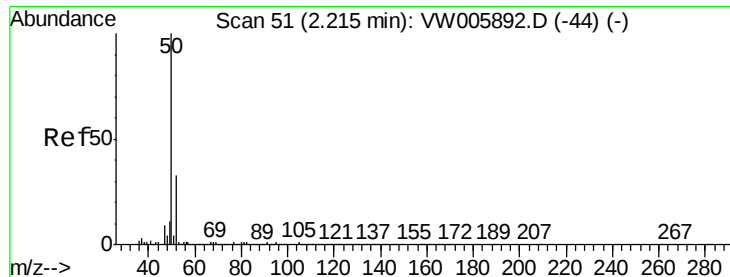
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.32 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 96541

Ion Ratio Lower Upper

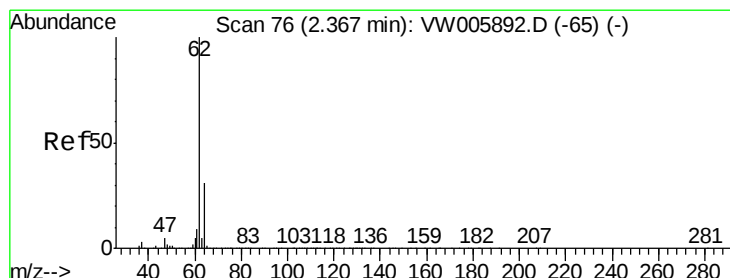
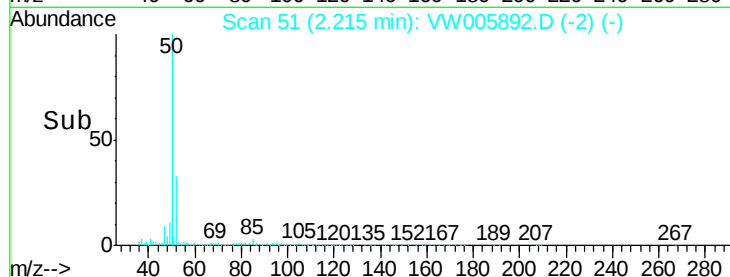
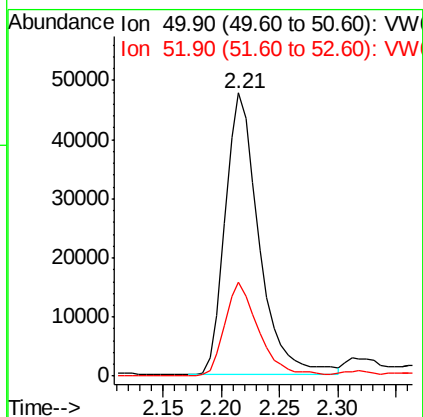
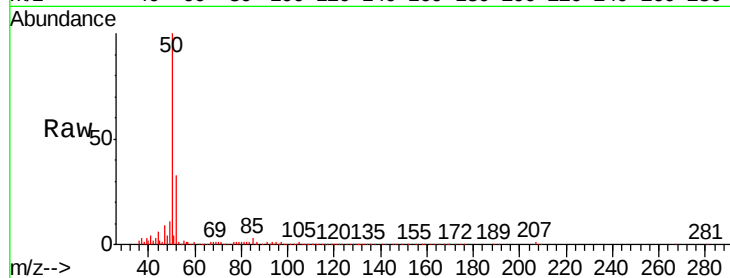
50 100

52 33.4 26.7 40.1

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#4

Vinyl Chloride

Concen: 50.34 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005892.D

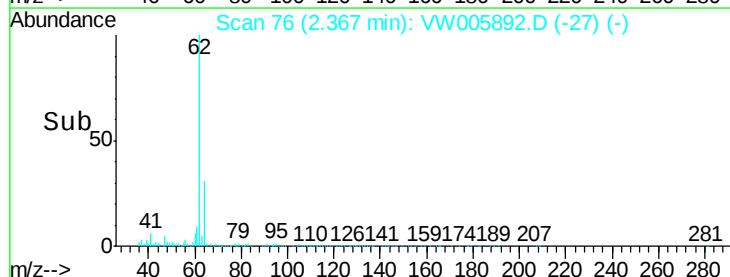
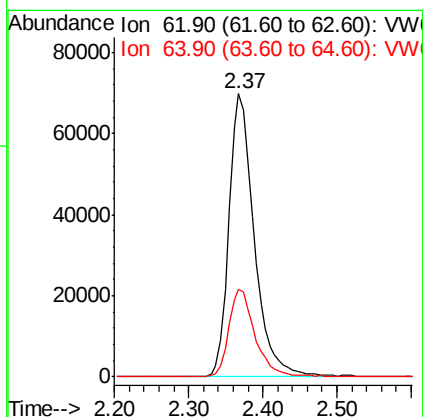
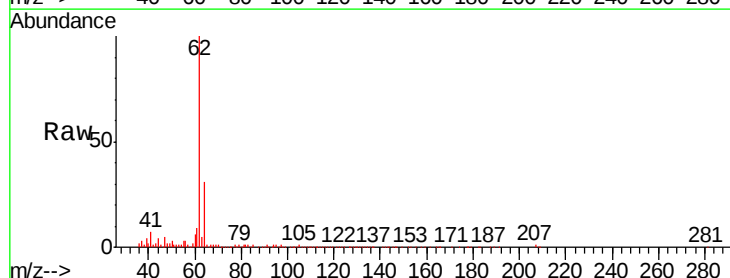
Acq: 08 Oct 2018 13:06

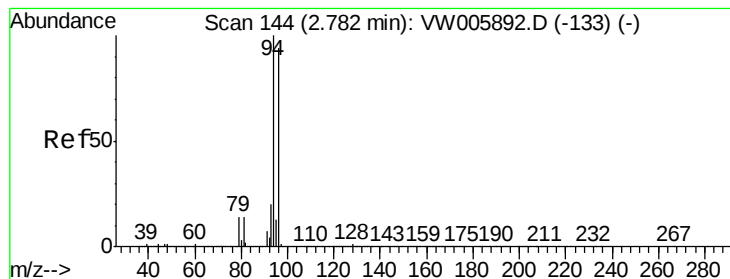
Tgt Ion: 62 Resp: 166558

Ion Ratio Lower Upper

62 100

64 30.7 24.6 36.8





#5

Bromomethane

Concen: 50.69 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 132377

Ion Ratio Lower Upper

94 100

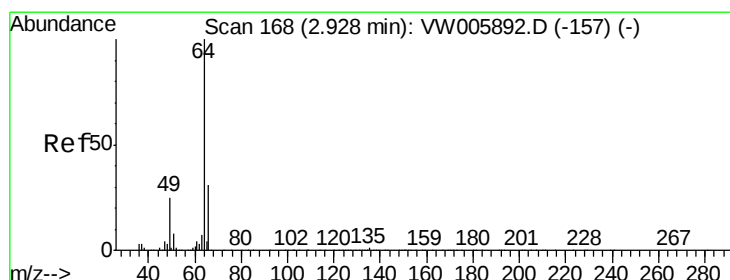
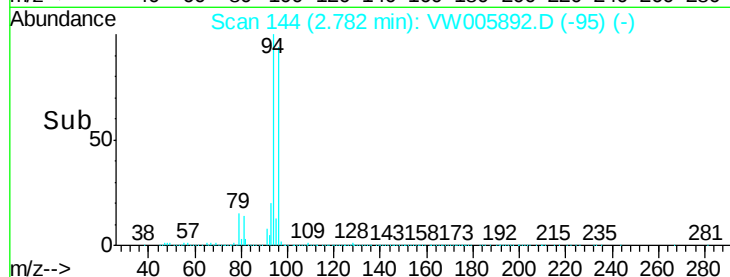
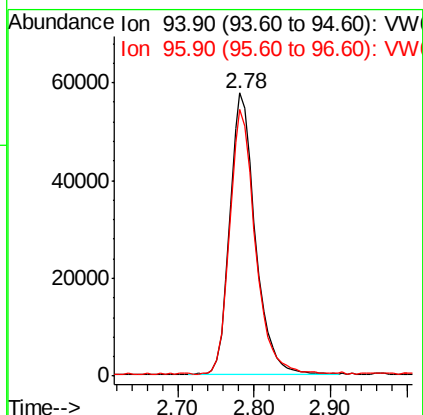
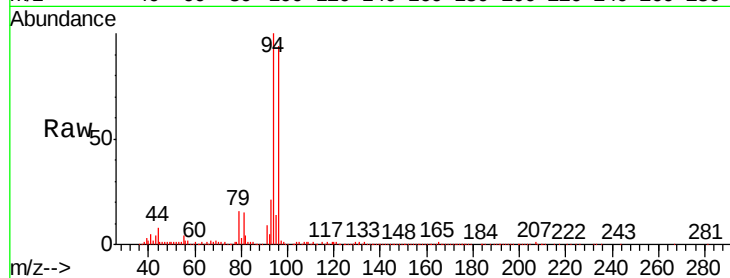
96 93.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 50.42 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005892.D

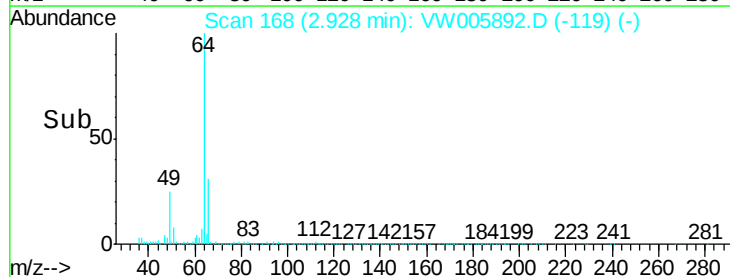
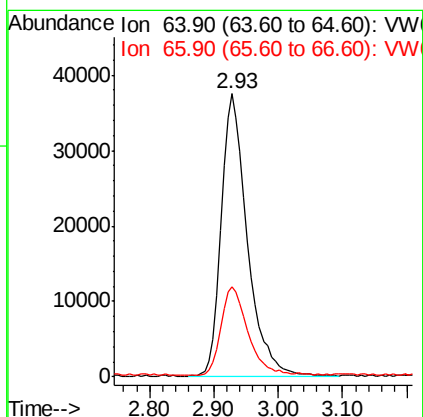
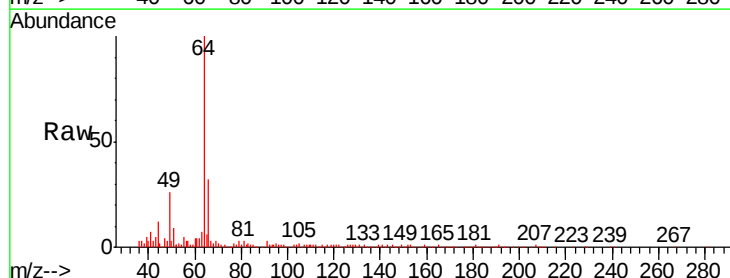
Acq: 08 Oct 2018 13:06

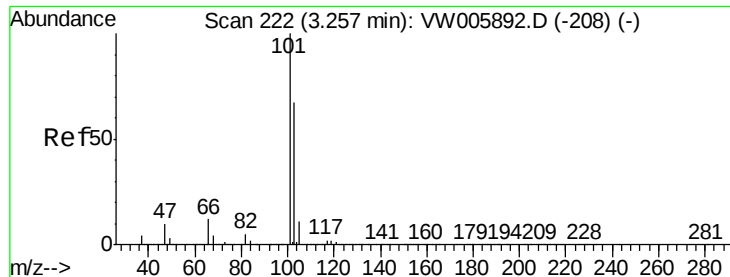
Tgt Ion: 64 Resp: 106286

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4





#7

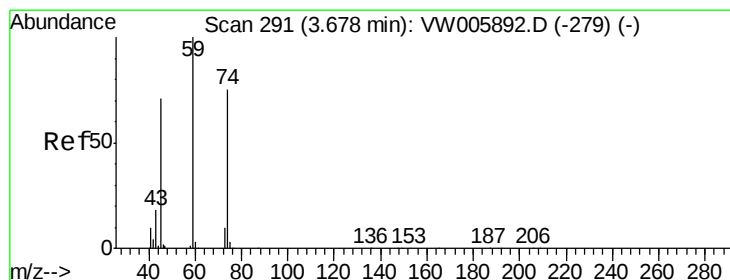
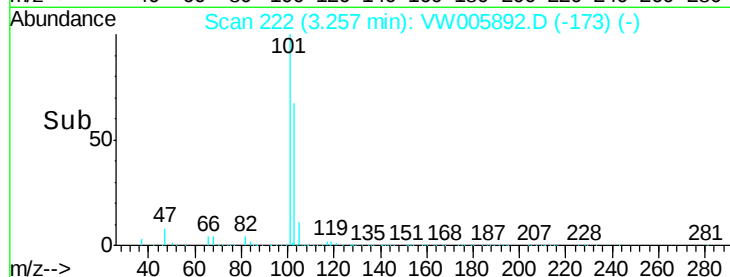
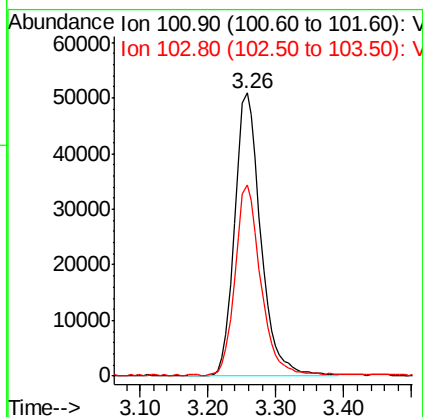
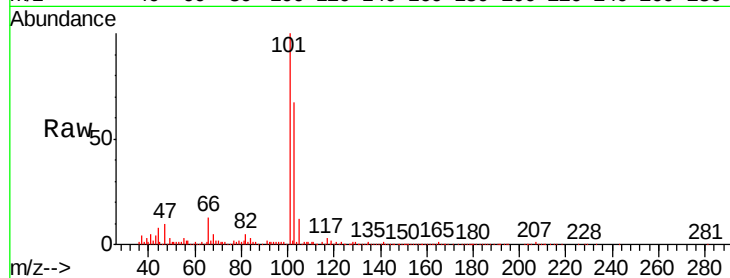
Trichlorofluoromethane
Concen: 51.82 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW005892.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	136109		
103	66.9	53.5	80.3	

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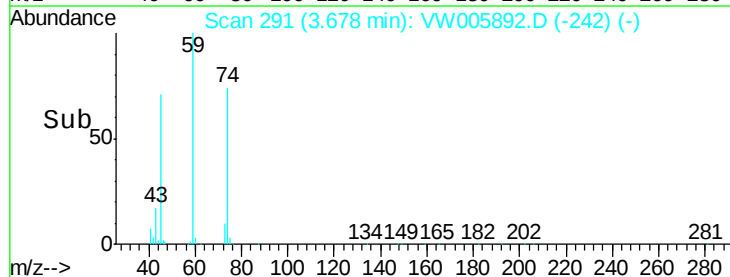
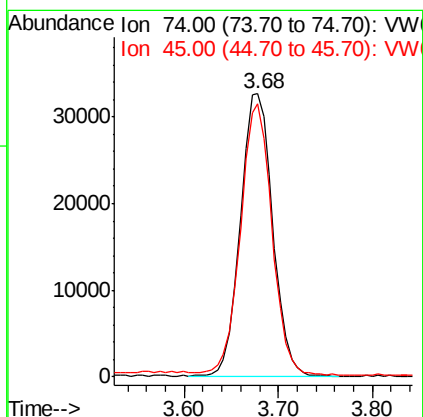
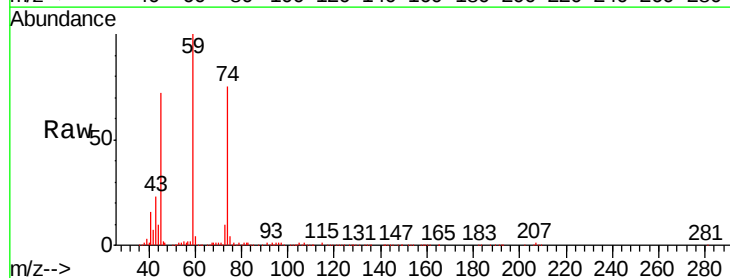
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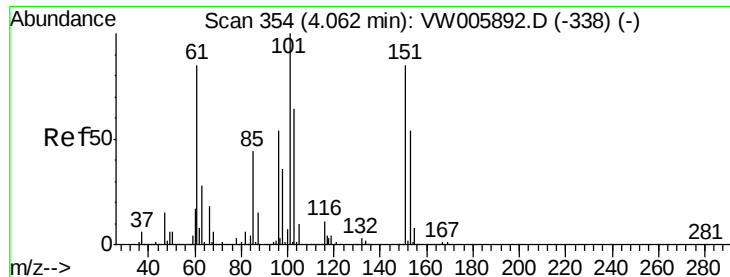


#8

Diethyl Ether
Concen: 48.44 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	78293		
45	93.6	46.8	140.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.69 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

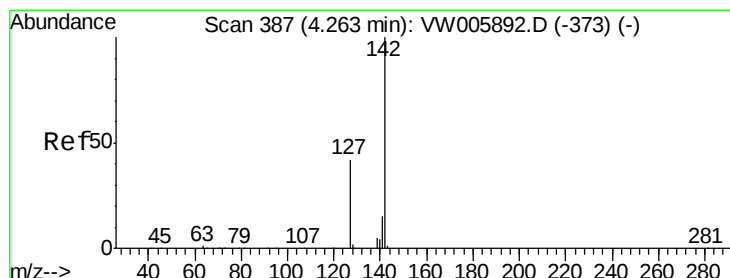
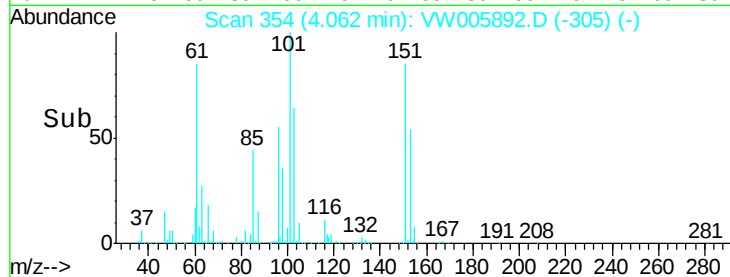
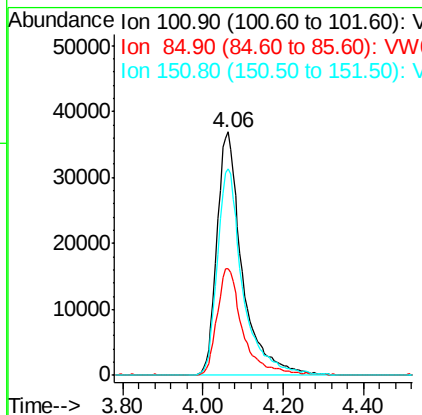
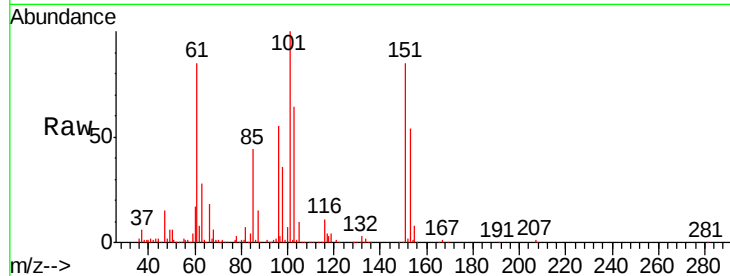
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	161380
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	84.6	67.7	101.5

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#10

Methyl Iodide

Concen: 49.08 ug/l

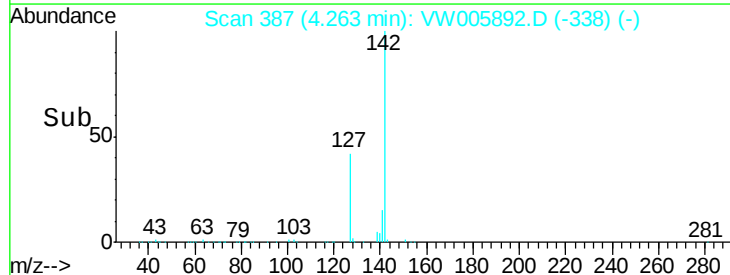
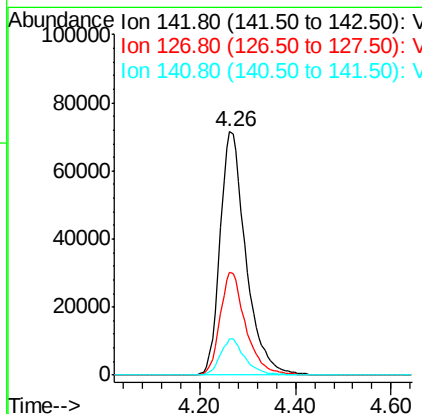
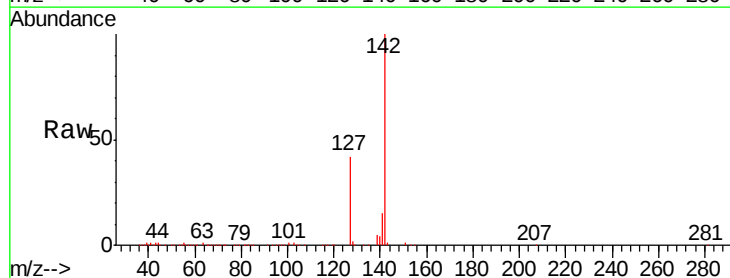
RT: 4.26 min Scan# 387

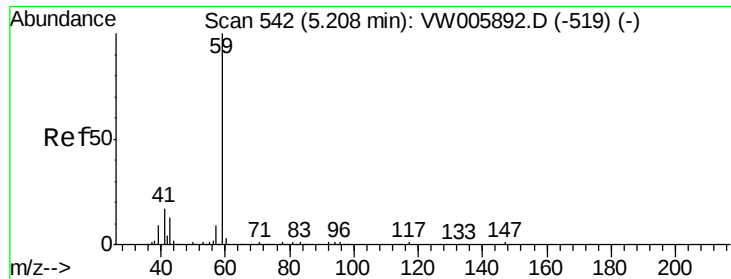
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	142	Resp:	266047
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.7	50.5
141	14.4	11.5	17.3





#11

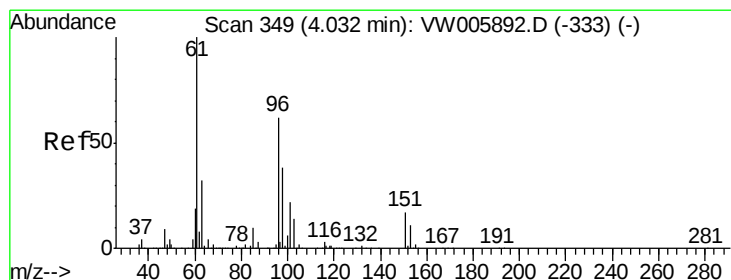
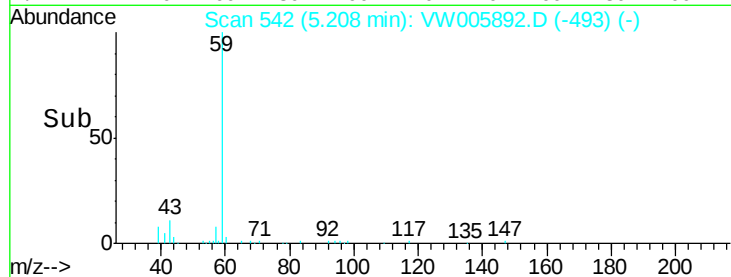
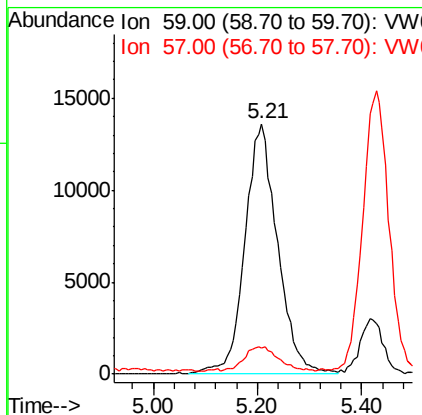
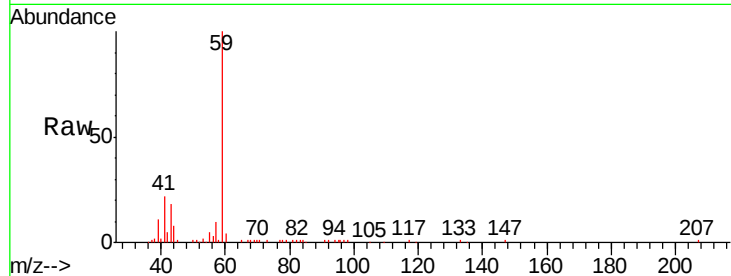
Tert butyl alcohol
Concen: 229.16 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.7	11.5

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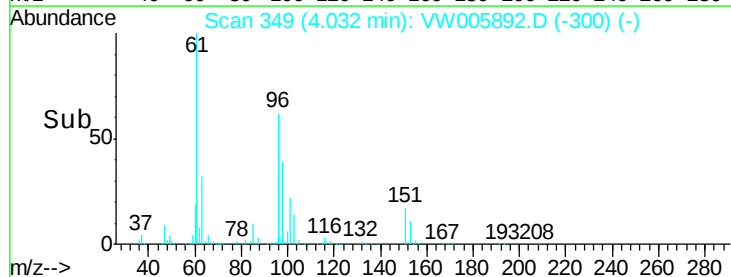
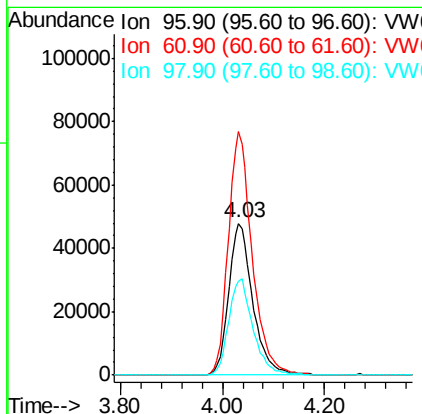
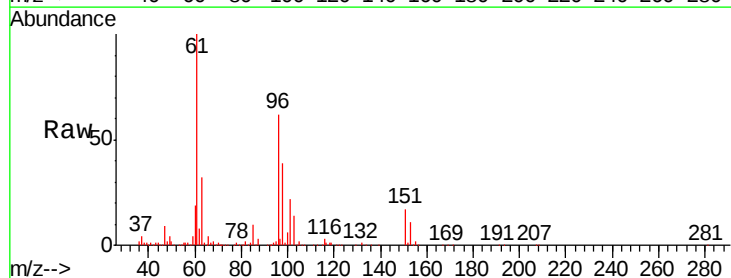
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#12

1,1-Dichloroethene
Concen: 48.96 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	128.6	193.0
98	61.7	49.4	74.0





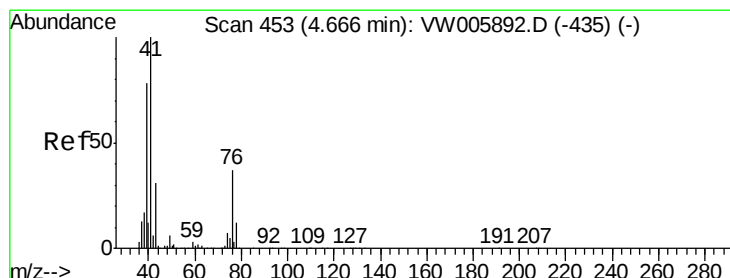
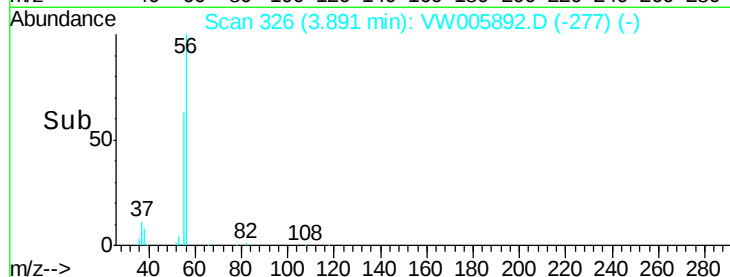
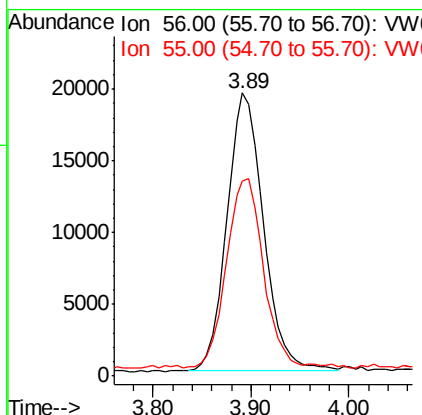
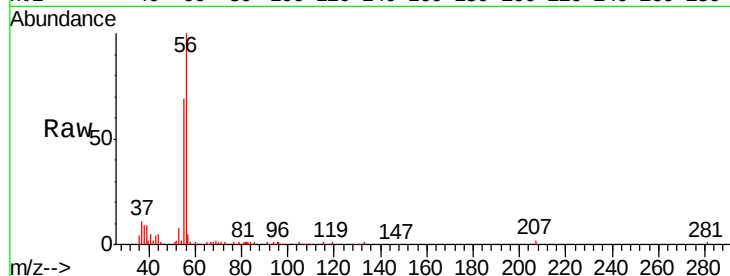
#13
 Acrolein
 Concen: 219.59 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	68.3	54.6	82.0

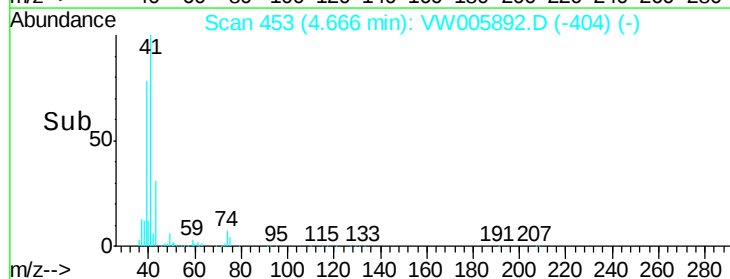
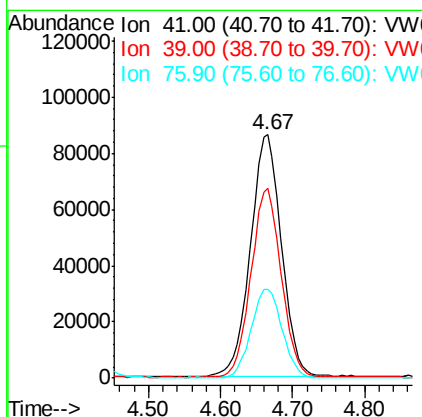
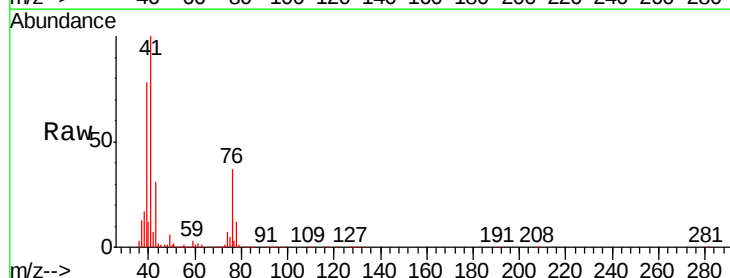
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#14
 Allyl chloride
 Concen: 47.54 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.0	60.8	91.2
76	37.0	29.6	44.4





#15

Acrylonitrile

Concen: 239.53 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

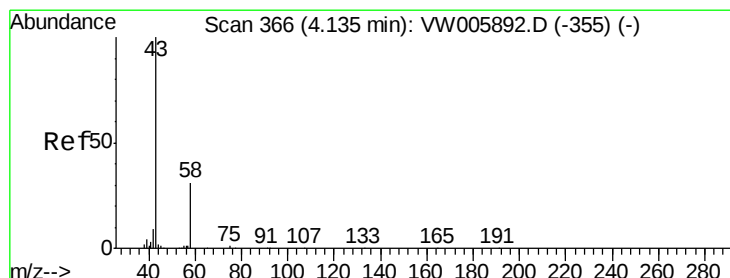
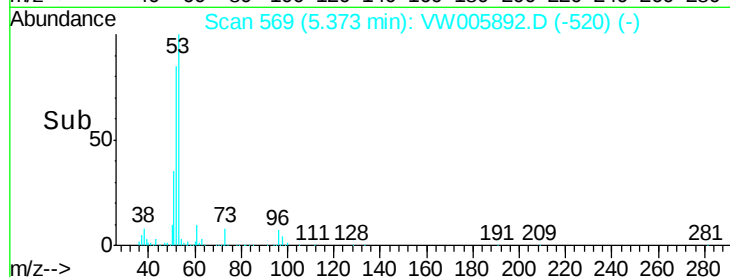
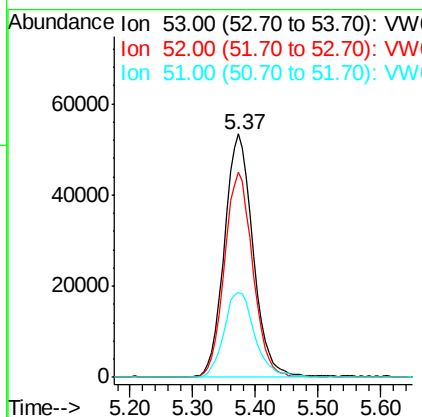
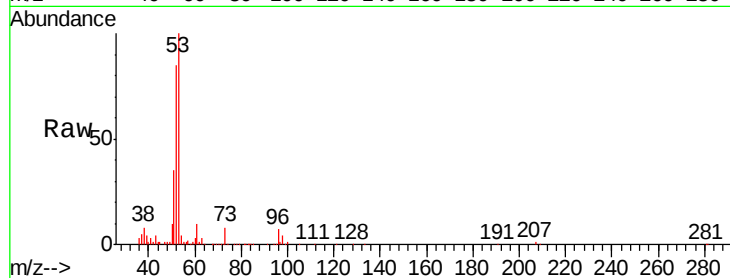
ClientSampleId :

VSTDICCC050

Tgt Ion:	53	Resp:	168503
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	37.2	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 243.83 ug/l

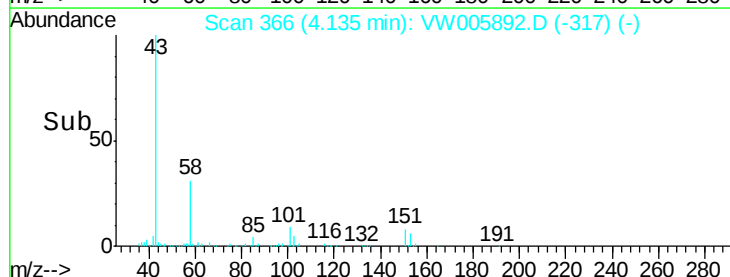
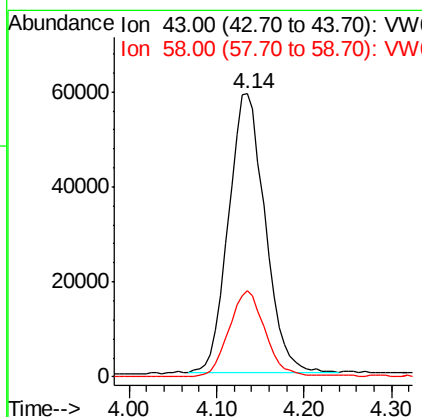
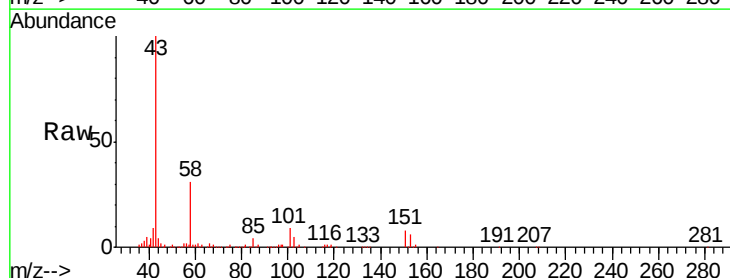
RT: 4.14 min Scan# 366

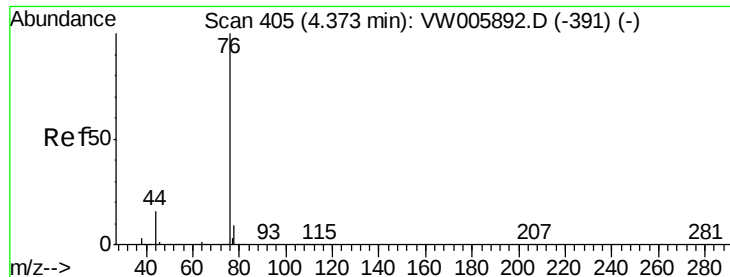
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	43	Resp:	170951
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.7	37.1





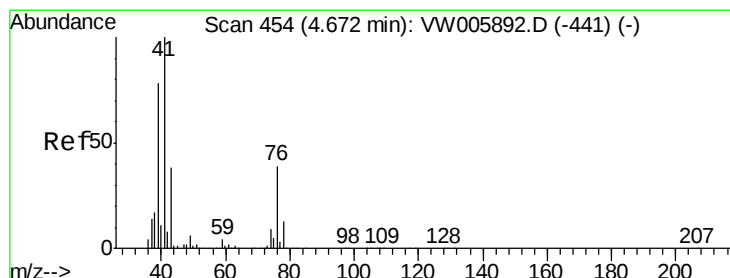
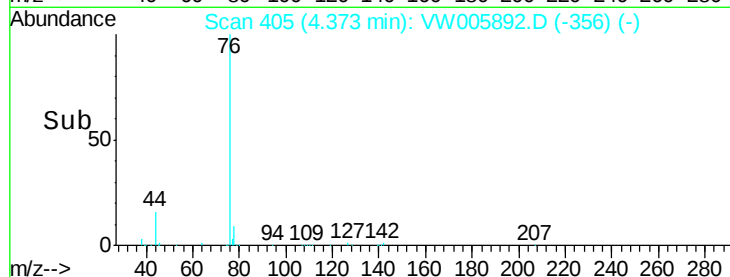
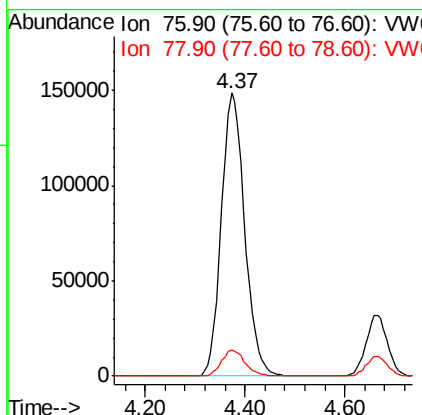
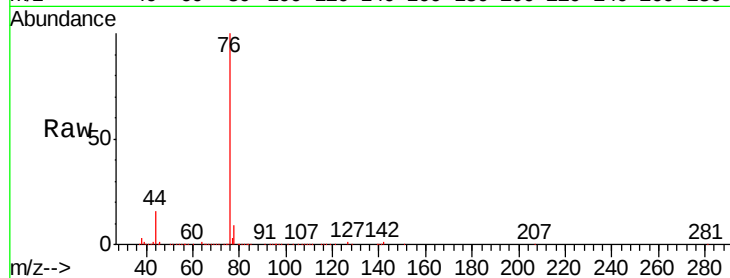
#17
Carbon Disulfide
Concen: 50.21 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

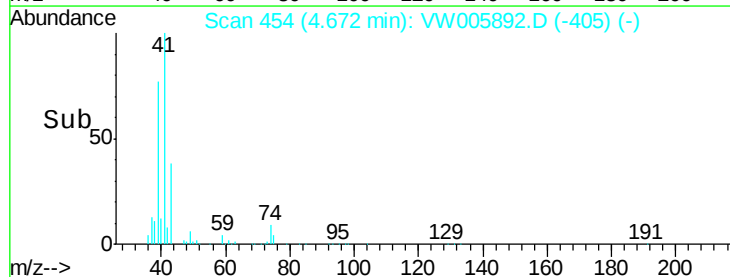
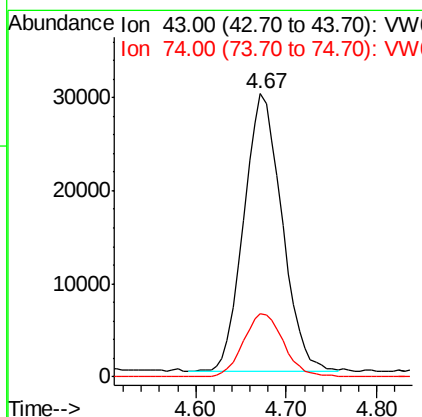
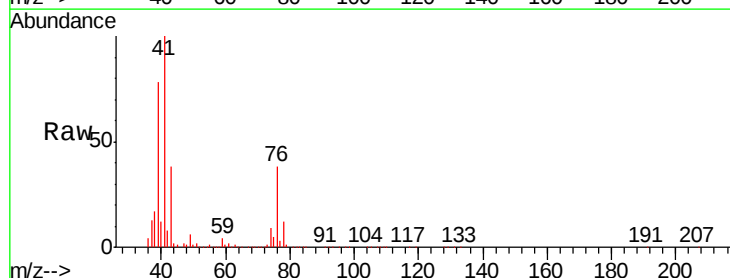
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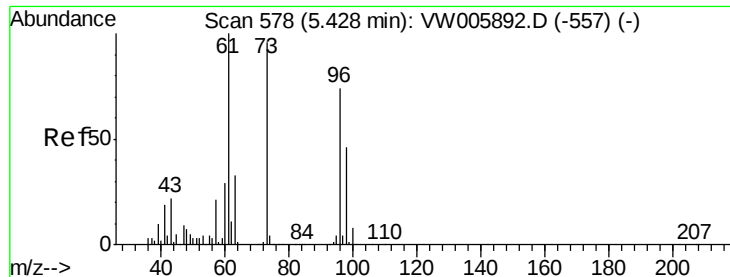
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#18
Methyl Acetate
Concen: 49.19 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.2	28.8





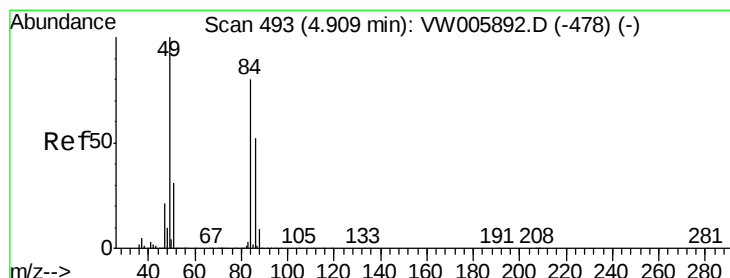
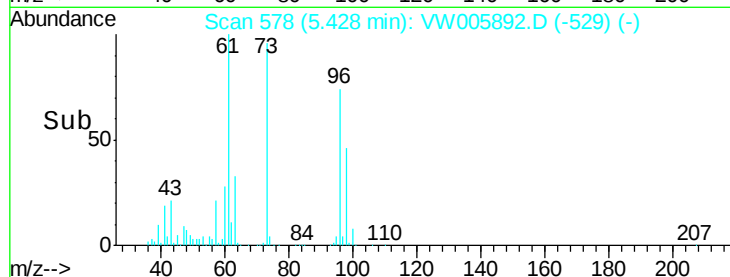
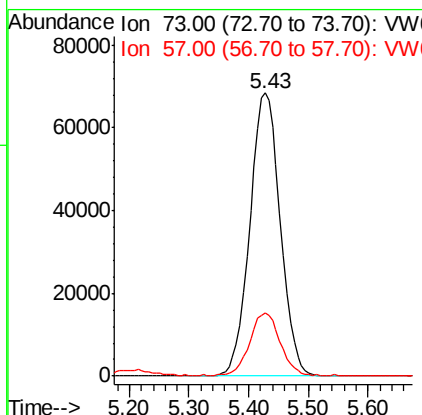
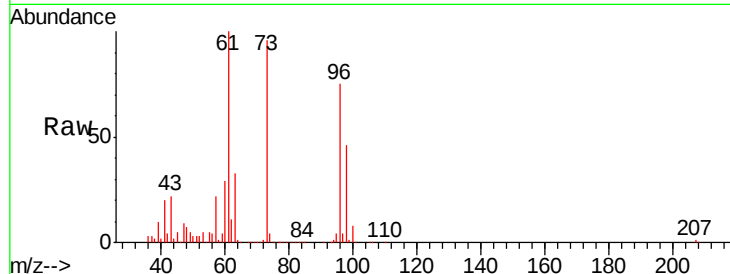
#19
Methyl tert-butyl Ether
Concen: 48.75 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 241380
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

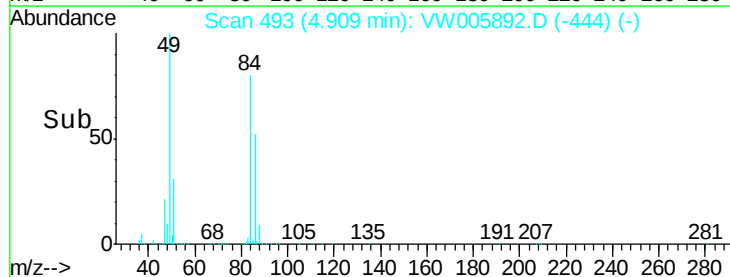
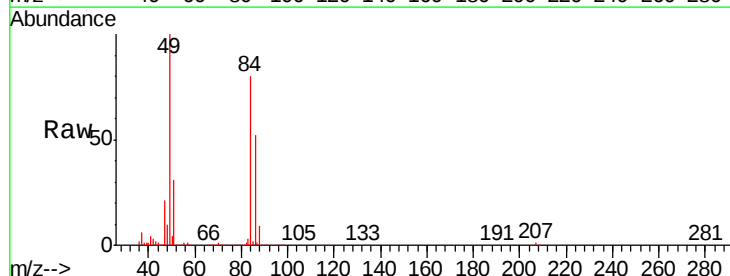
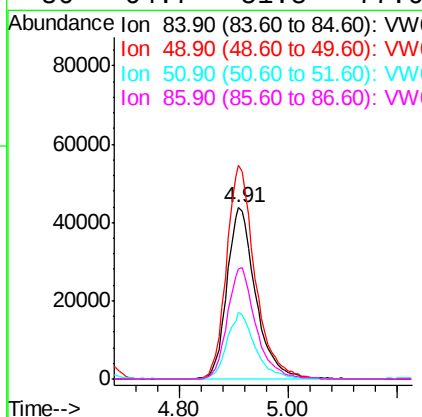
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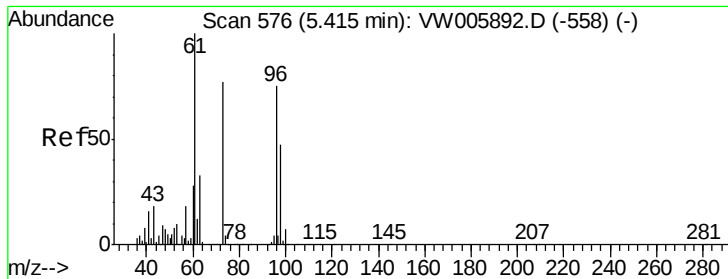
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#20
Methylene Chloride
Concen: 45.60 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 84 Resp: 160173
Ion Ratio Lower Upper
84 100
49 124.9 99.9 149.9
51 38.9 31.1 46.7
86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.86 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

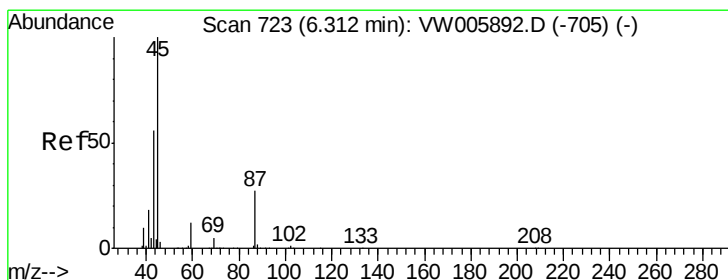
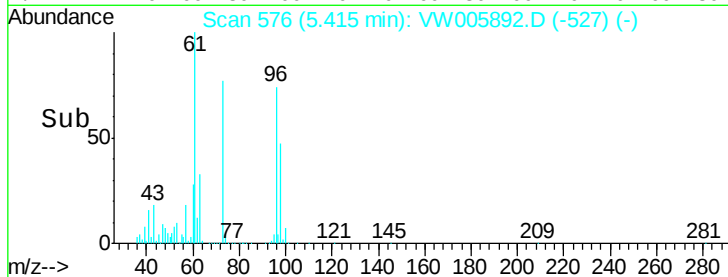
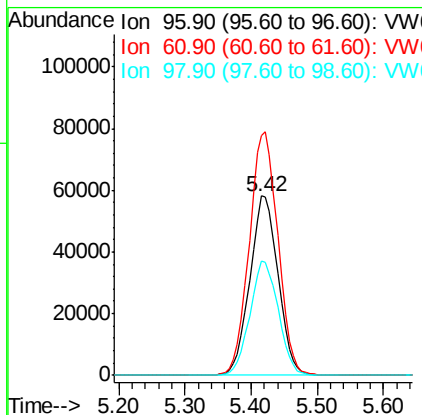
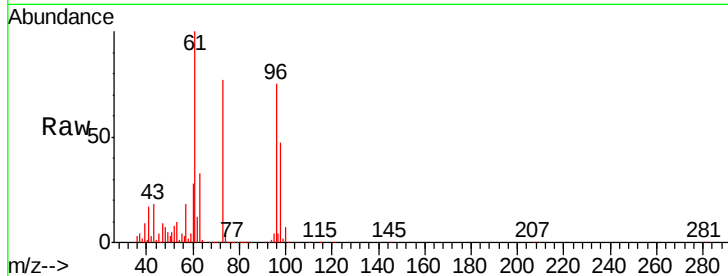
ClientSampled :

VSTDICCC050

Tgt Ion:	96	Resp:	172957
Ion	Ratio	Lower	Upper
96	100		
61	134.2	107.4	161.0
98	63.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 48.33 ug/l

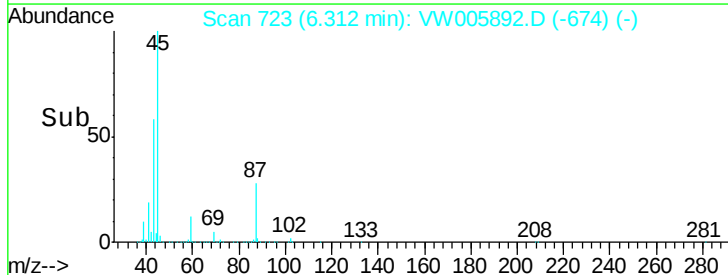
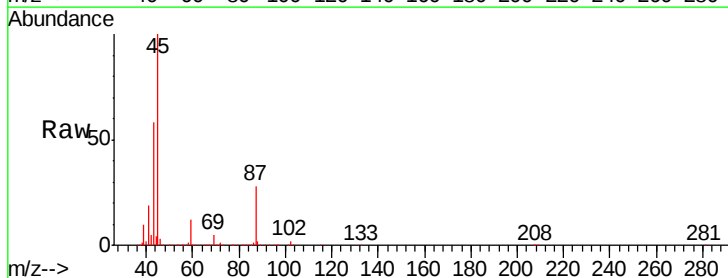
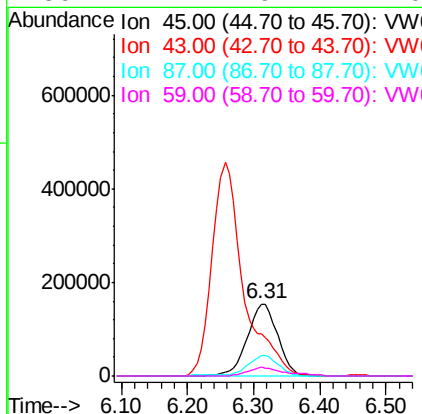
RT: 6.31 min Scan# 723

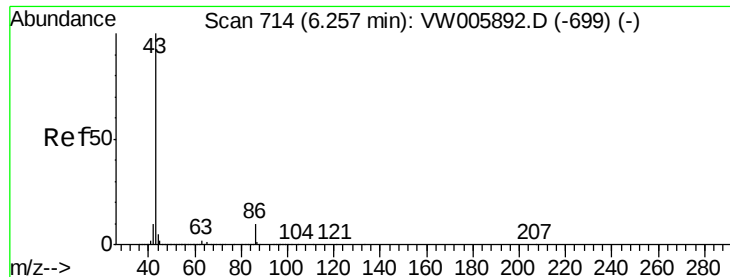
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	45	Resp:	490386
Ion	Ratio	Lower	Upper
45	100		
43	57.4	45.9	68.9
87	27.8	22.2	33.4
59	11.7	9.4	14.0





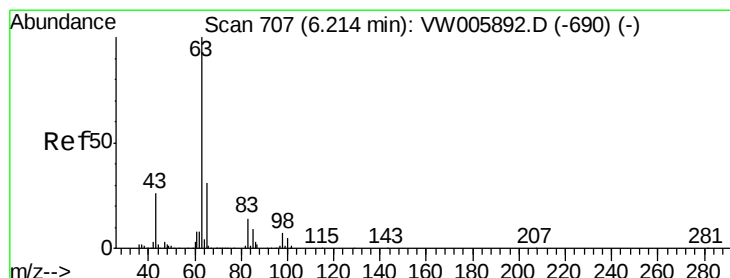
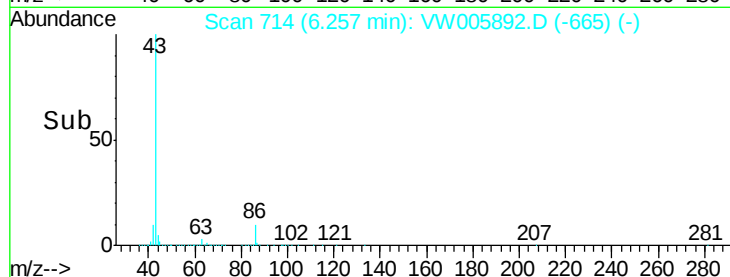
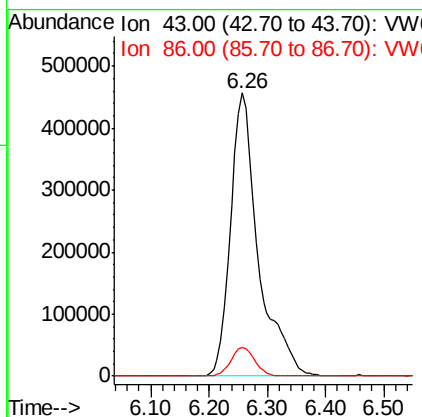
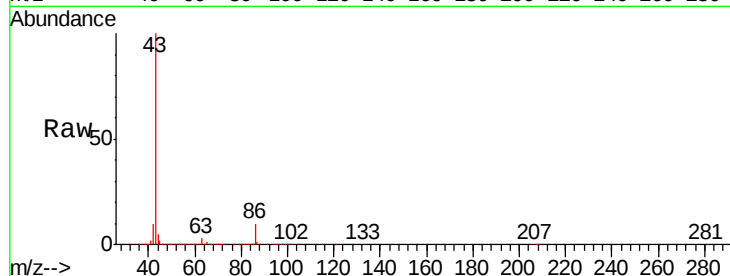
#23
 Vinyl Acetate
 Concen: 242.33 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1513441
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4

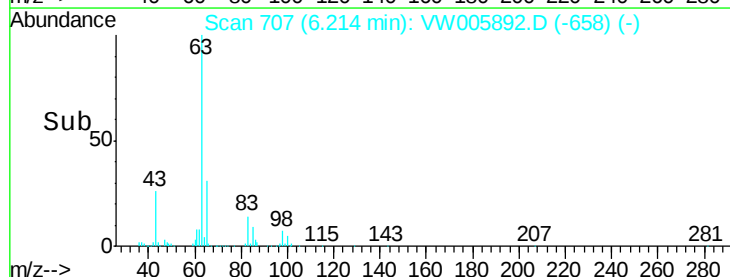
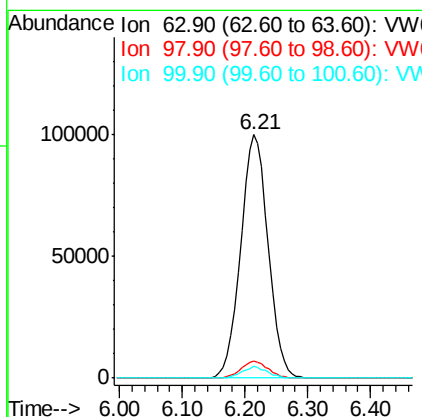
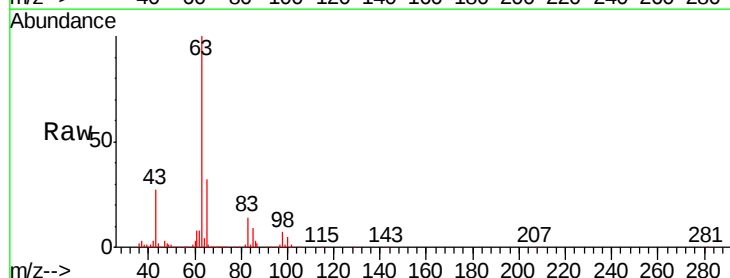
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#24
 1,1-Dichloroethane
 Concen: 48.48 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 63 Resp: 301021
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 240.28 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 43 Resp: 239605

Ion Ratio Lower Upper

43 100

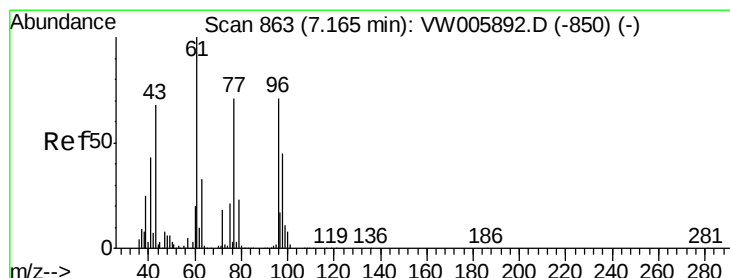
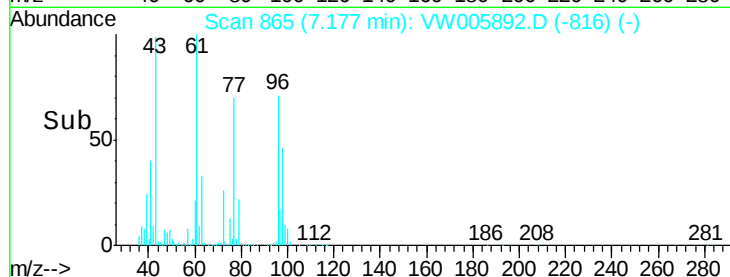
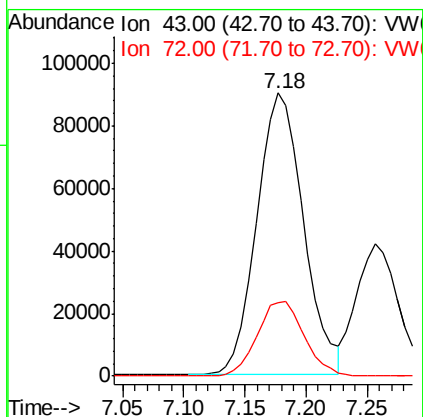
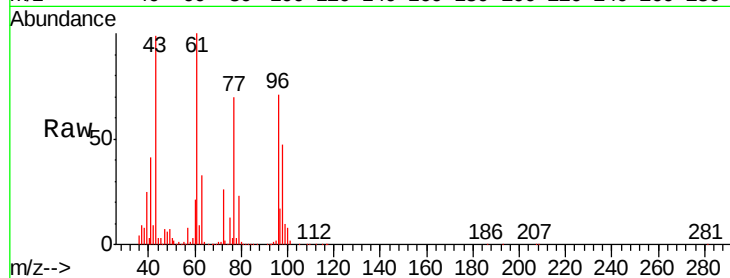
72 26.2 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.25 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005892.D

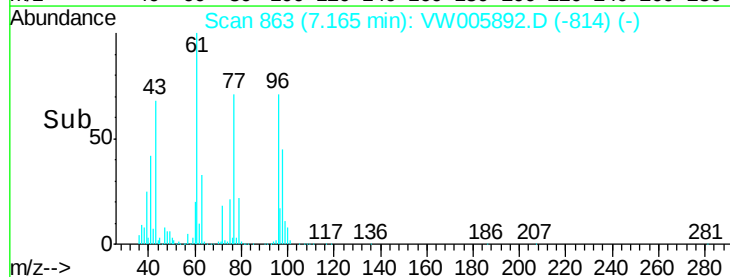
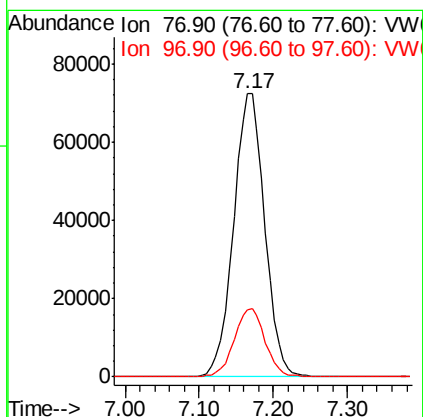
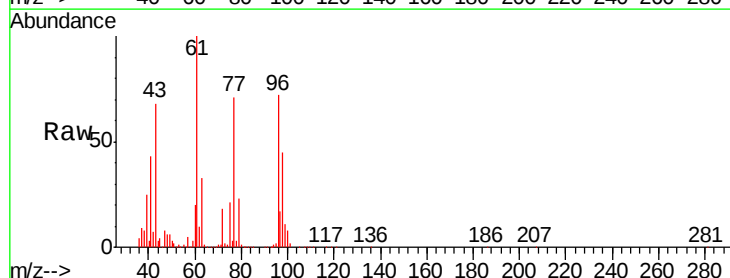
Acq: 08 Oct 2018 13:06

Tgt Ion: 77 Resp: 210869

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7





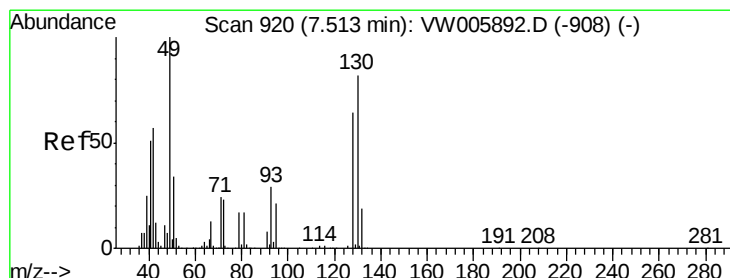
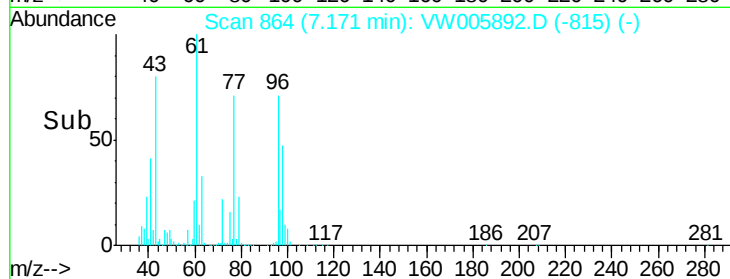
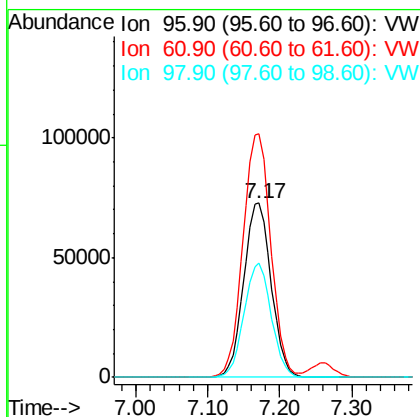
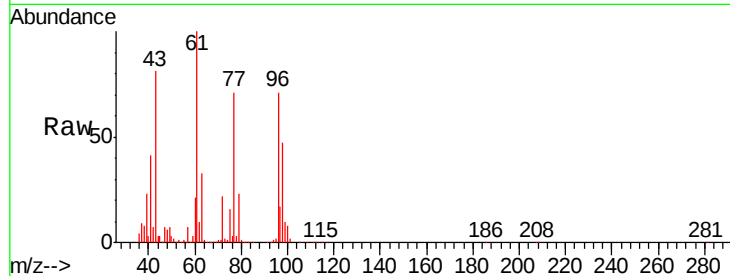
#27
 cis-1,2-Dichloroethene
 Concen: 49.25 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	193233		
61	142.0	0.0	284.0	
98	64.9	0.0	129.8	

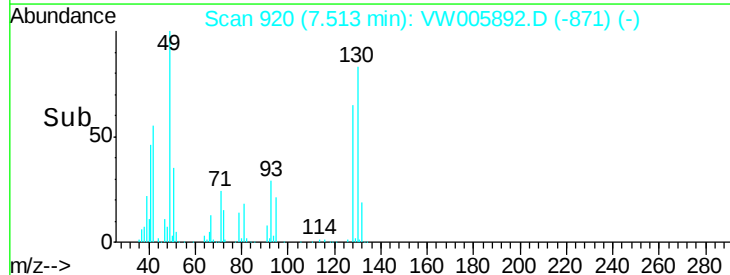
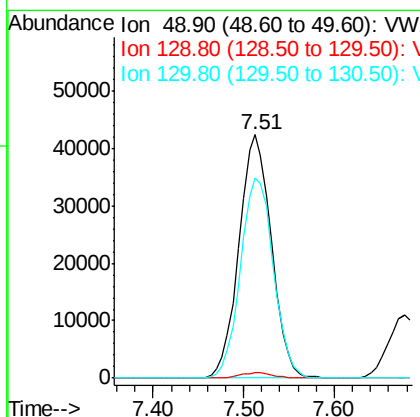
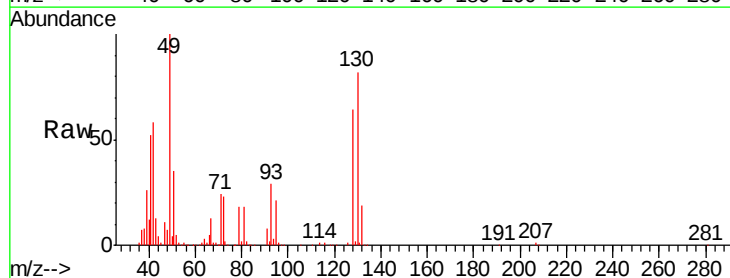
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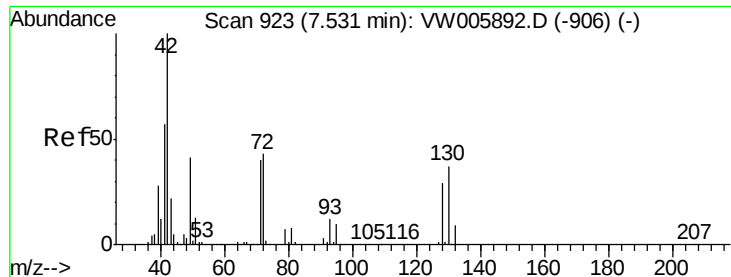
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#28
 Bromochloromethane
 Concen: 45.85 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105081		
129	2.5	0.0	5.0	
130	83.6	66.9	100.3	





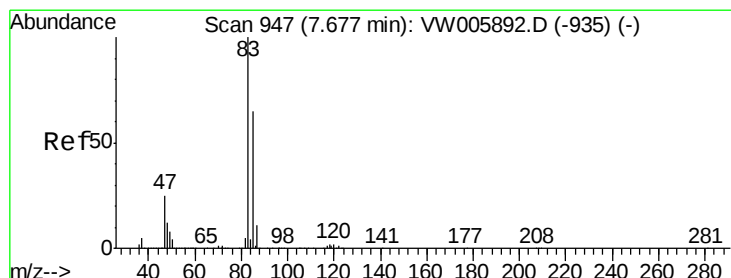
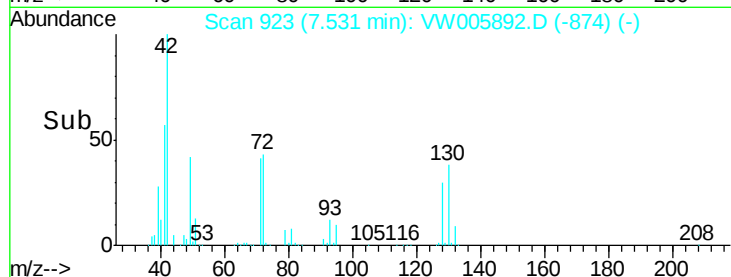
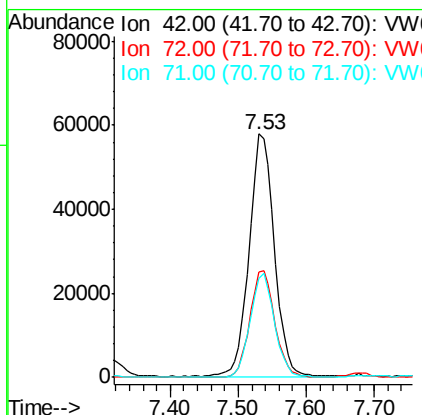
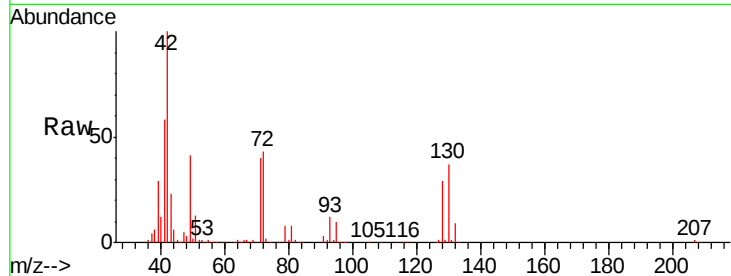
#29
Tetrahydrofuran
Concen: 238.08 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	40.8	32.6	49.0

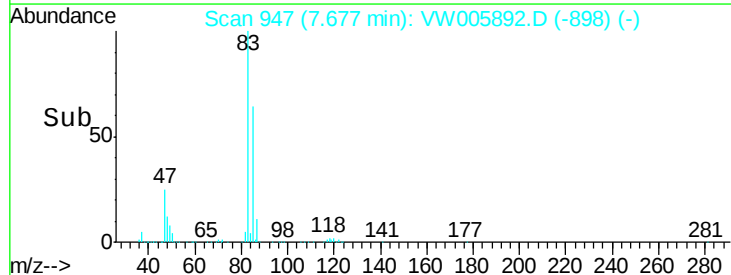
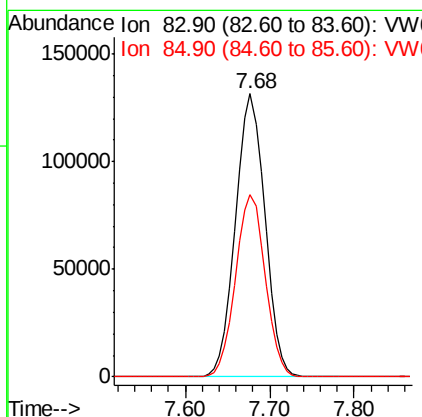
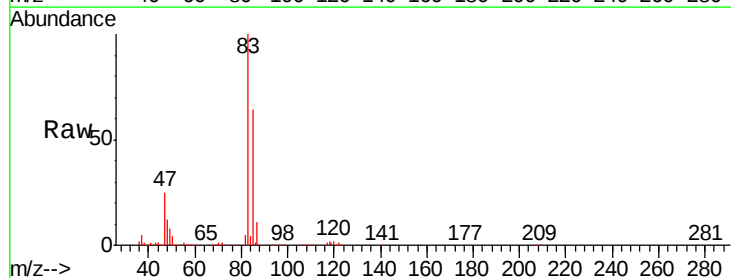
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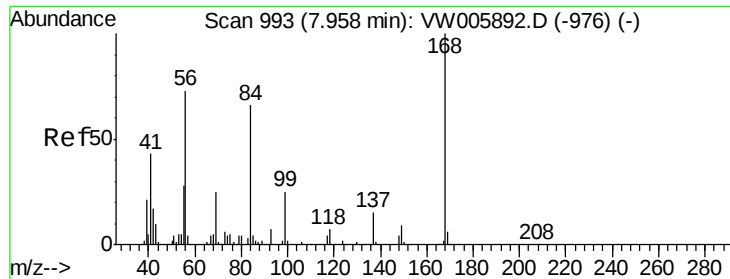
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#30
Chloroform
Concen: 48.52 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





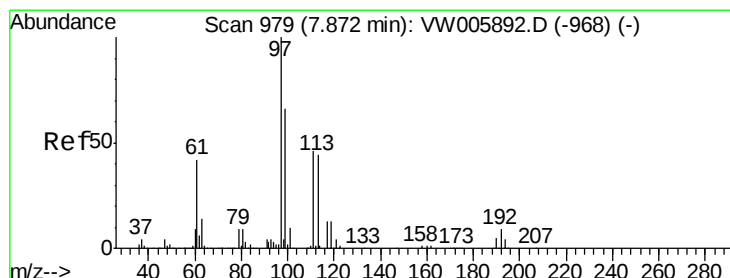
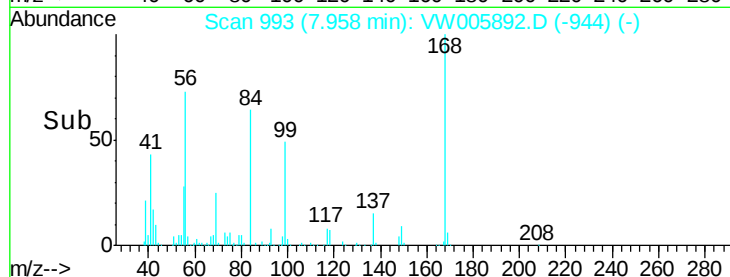
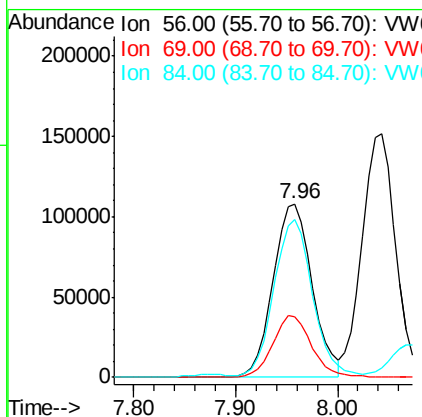
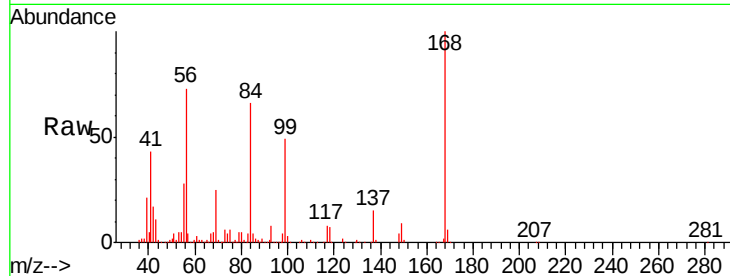
#31
Cyclohexane
Concen: 46.59 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.9	27.9	41.9
84	90.4	72.3	108.5

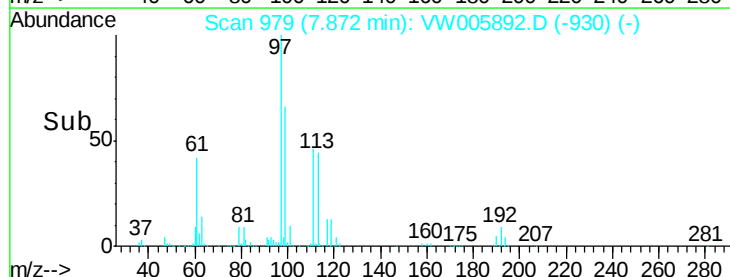
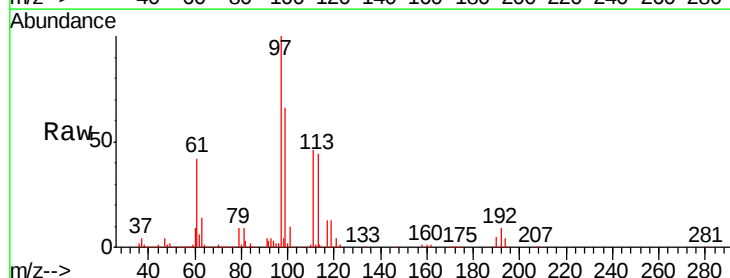
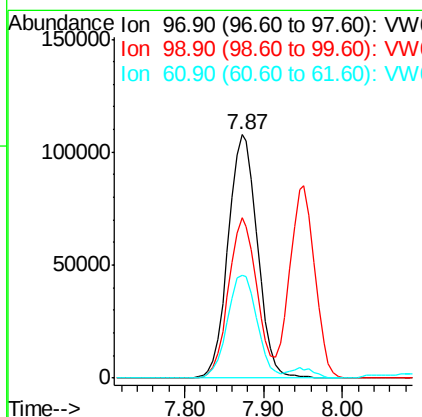
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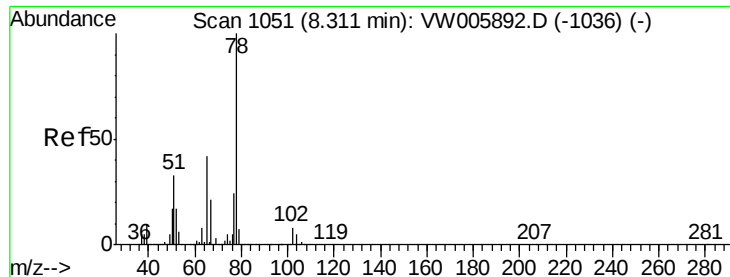
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#32
1,1,1-Trichloroethane
Concen: 48.79 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	43.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 48.58 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 65 Resp: 170514

Ion Ratio Lower Upper

65 100

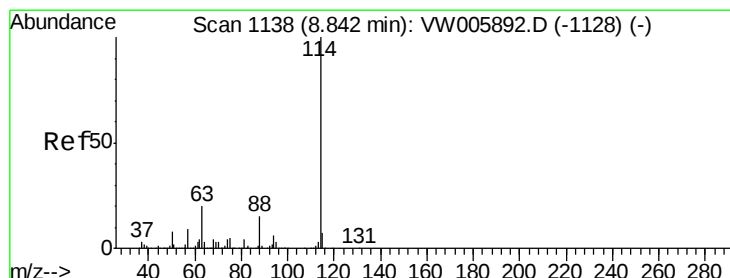
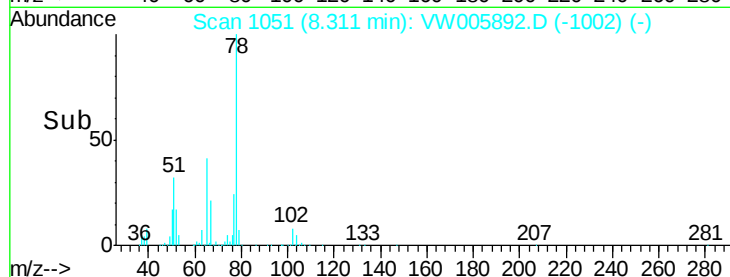
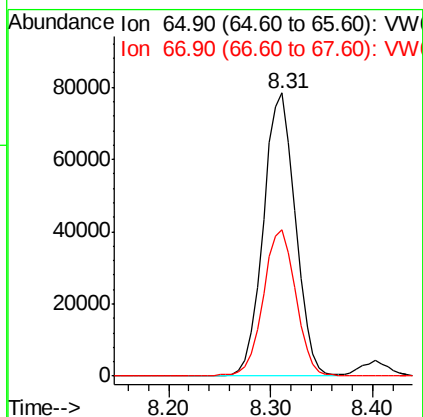
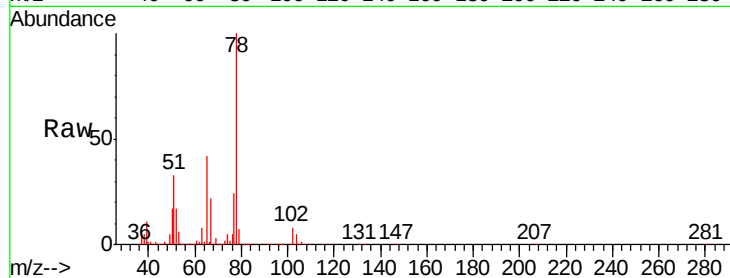
67 52.3 0.0 104.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

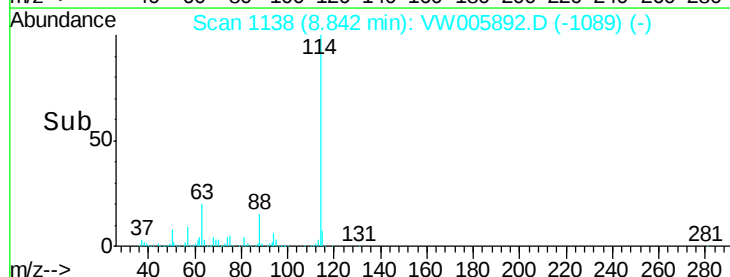
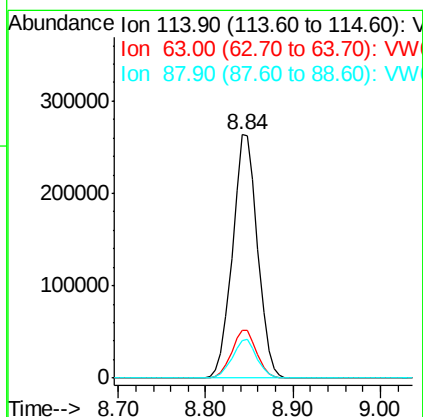
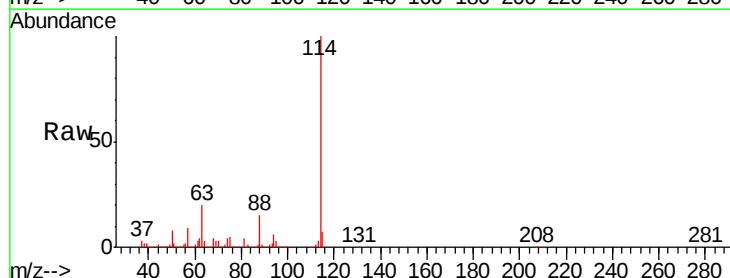
Tgt Ion: 114 Resp: 525654

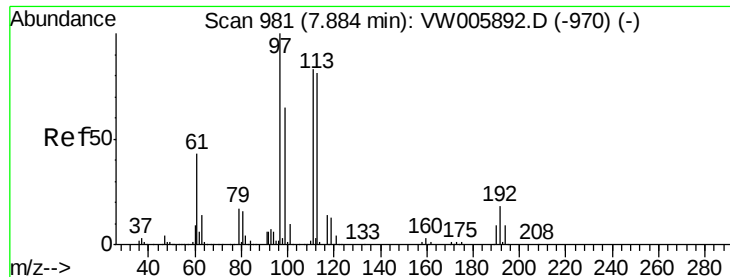
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 15.4 0.0 30.8





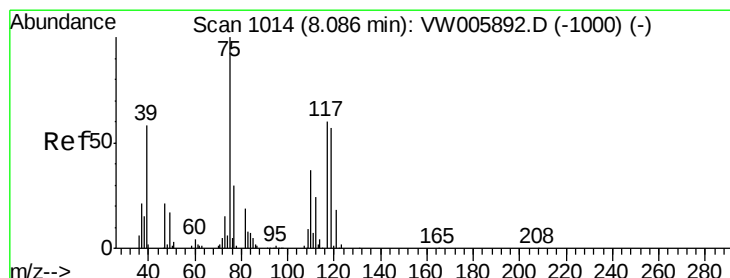
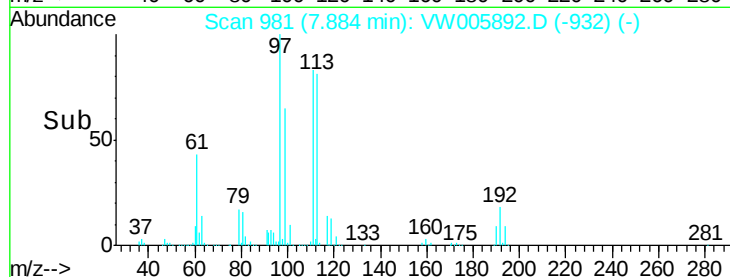
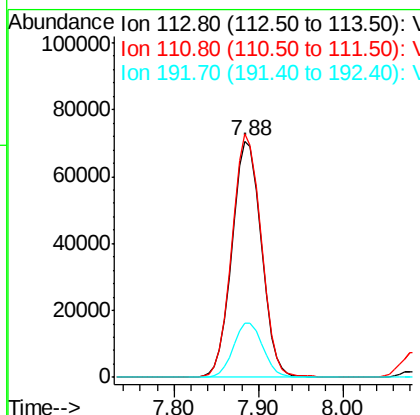
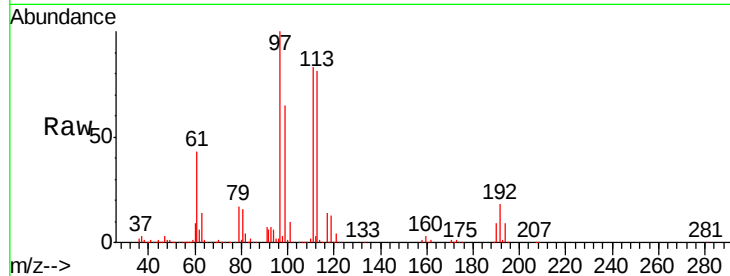
#35
 Dibromofluoromethane
 Concen: 49.66 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	166666		
111	102.5	82.0	123.0	
192	22.9	18.3	27.5	

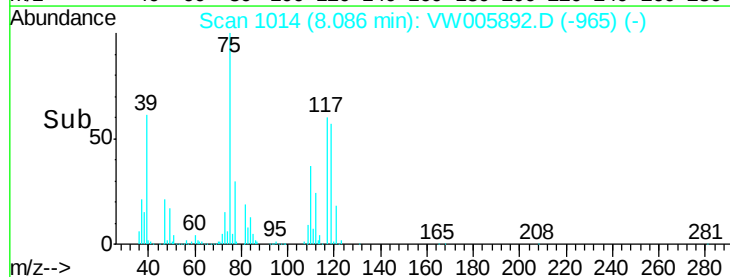
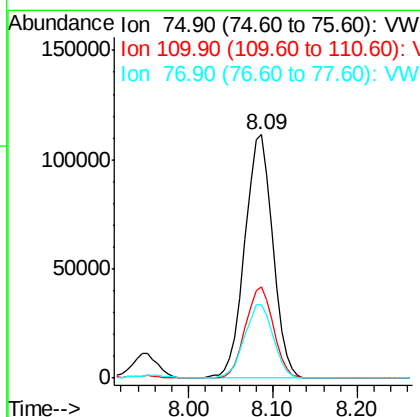
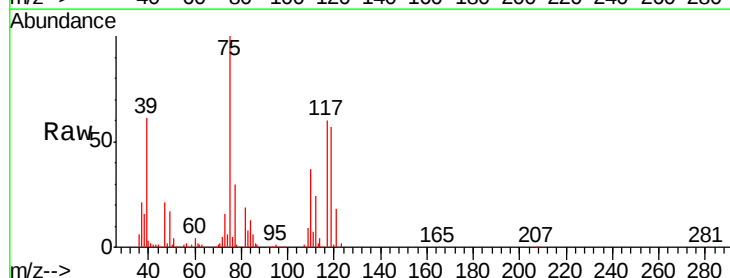
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#36
 1,1-Dichloropropene
 Concen: 49.99 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	251768		
110	37.3	18.6	56.0	
77	30.9	24.7	37.1	





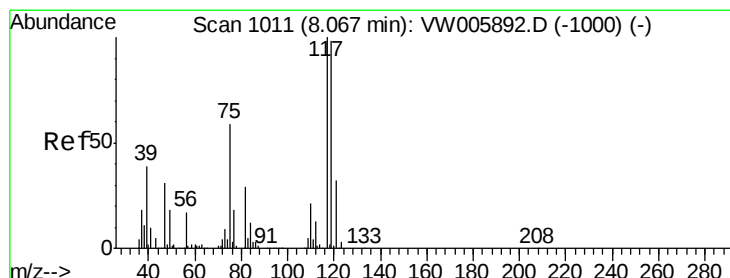
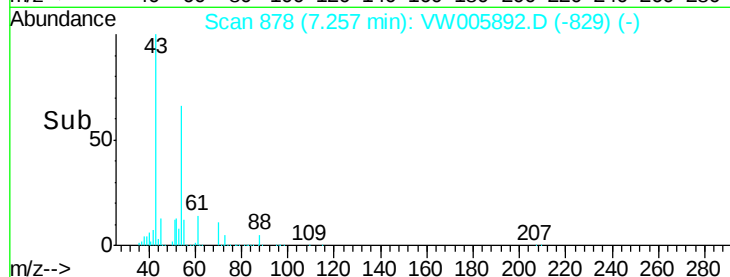
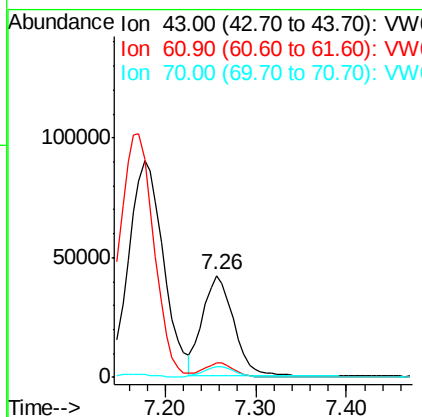
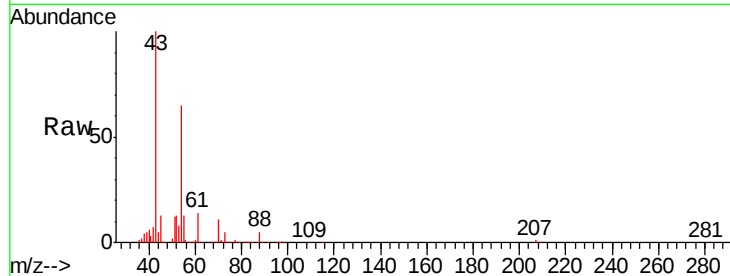
#37
Ethyl Acetate
Concen: 47.96 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	16.0
70	10.8	8.6	13.0

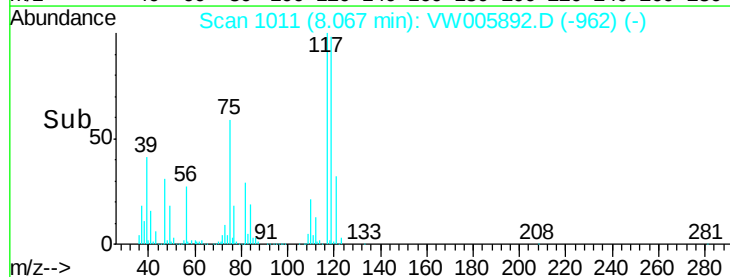
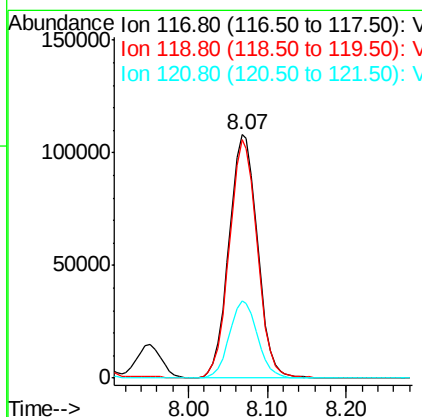
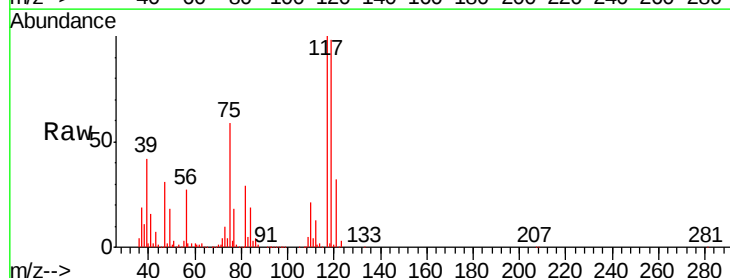
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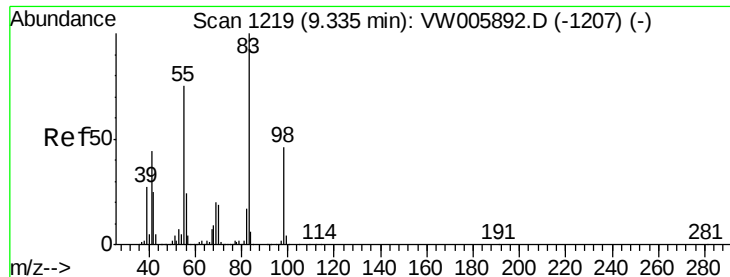
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#38
Carbon Tetrachloride
Concen: 50.36 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.6	117.8
121	31.6	25.3	37.9





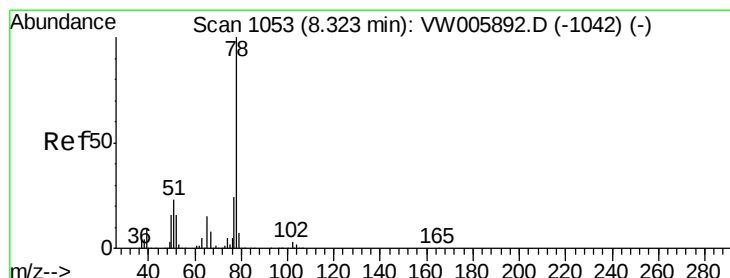
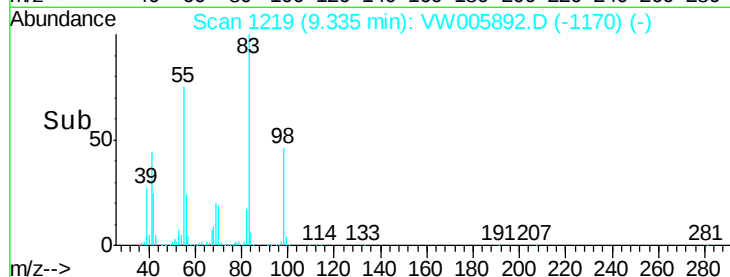
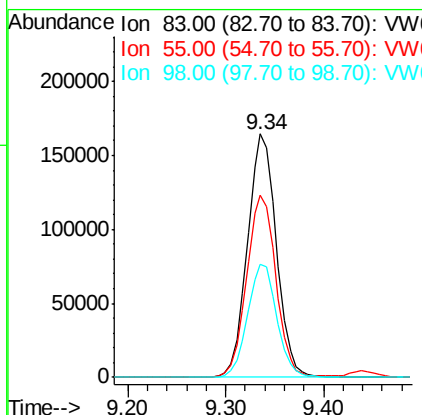
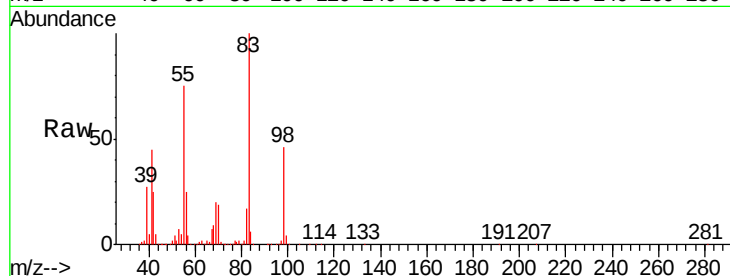
#39
Methylcyclohexane
Concen: 50.70 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.7	59.8	89.6
98	46.4	37.1	55.7

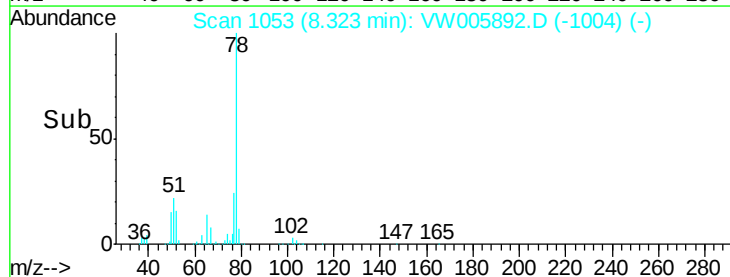
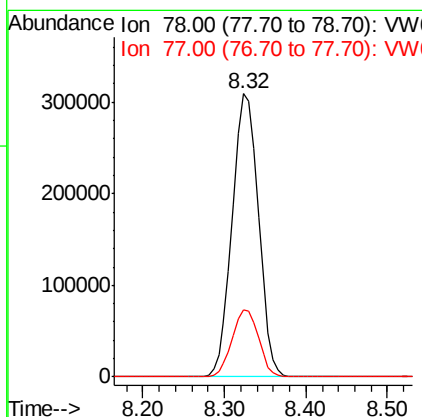
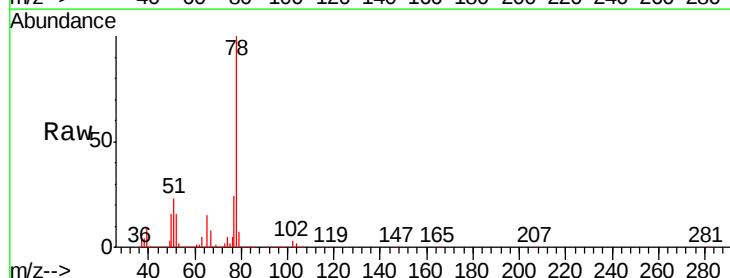
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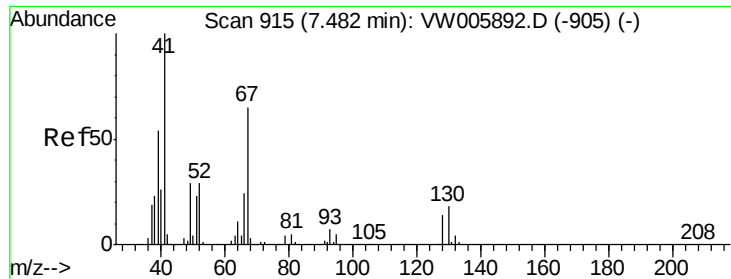
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#40
Benzene
Concen: 49.86 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





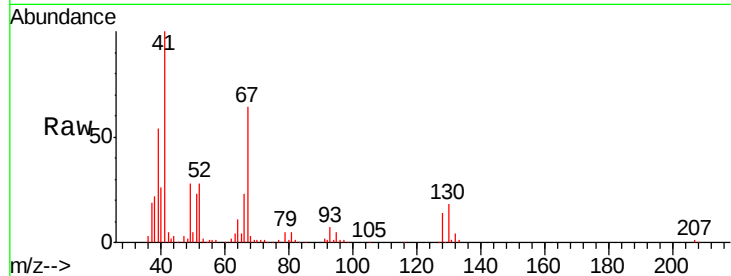
#41
Methacrylonitrile
Concen: 46.73 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

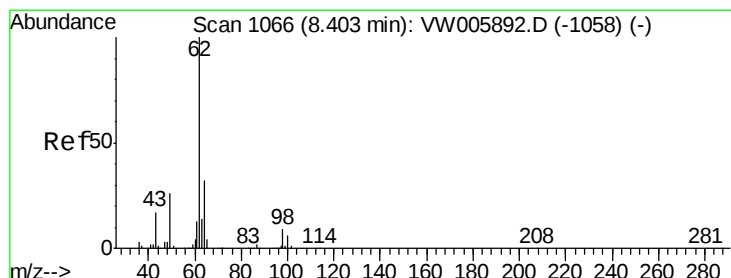
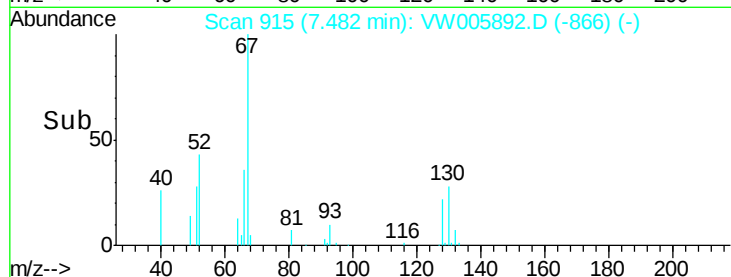
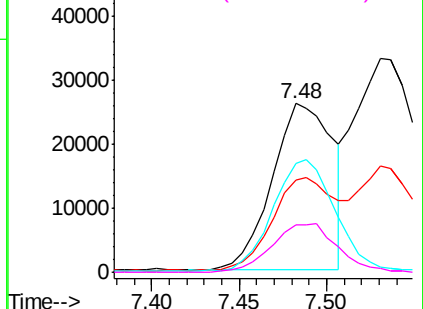
Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.0	67.4
67	69.8	55.8	83.8
52	31.6	25.3	37.9

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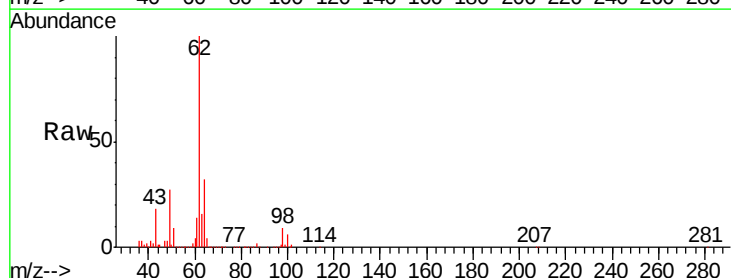


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

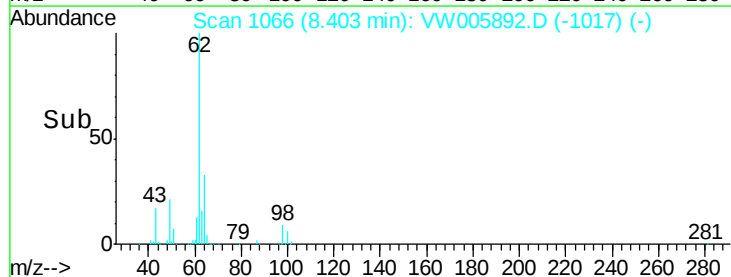
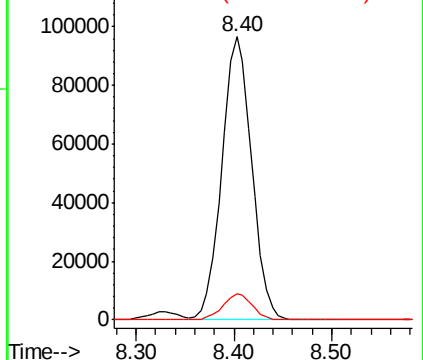


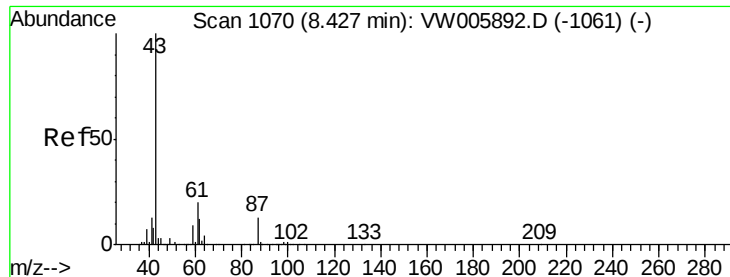
#42
1,2-Dichloroethane
Concen: 49.06 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	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: 49.21 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

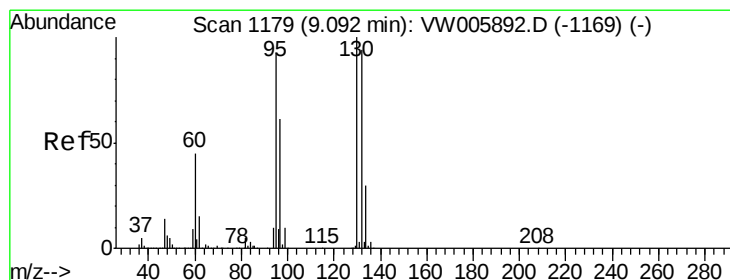
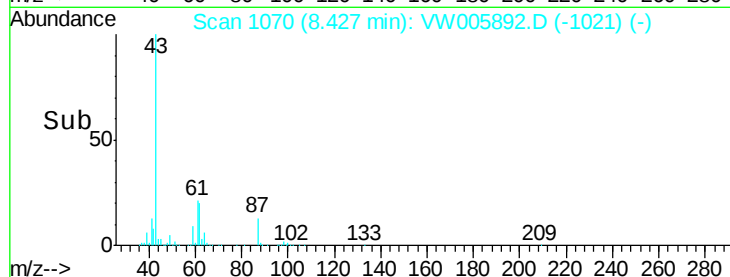
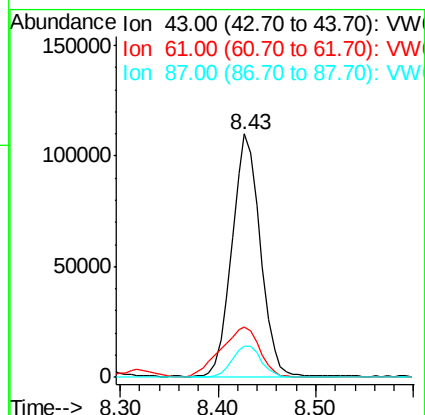
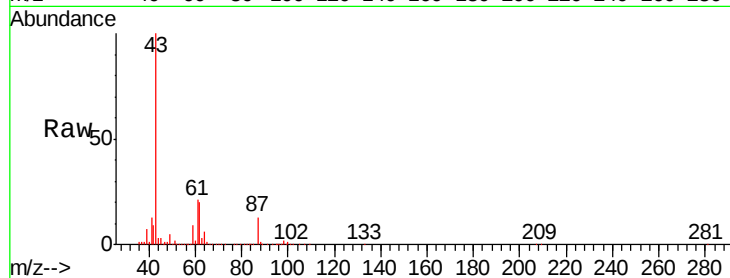
ClientSampleId :

VSTDICCC050

Tgt Ion:	43	Resp:	219266
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.1	34.7
87	13.4	10.7	16.1

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#44

Trichloroethene

Concen: 50.88 ug/l

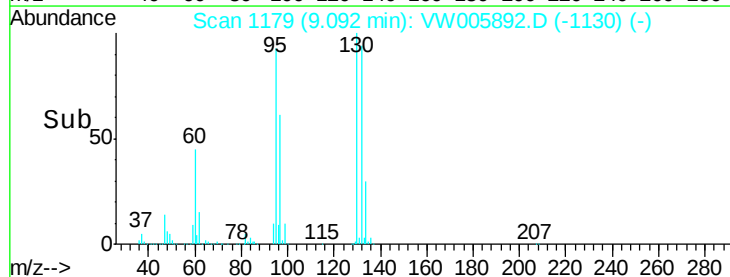
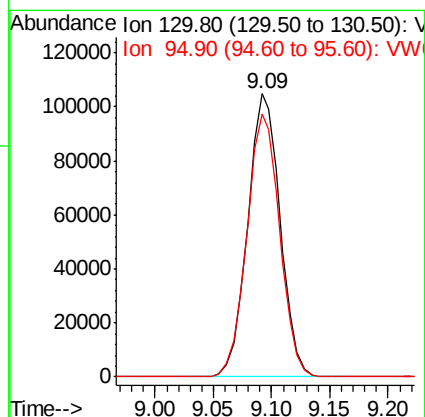
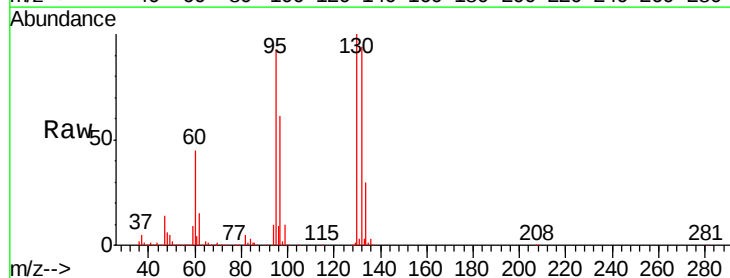
RT: 9.09 min Scan# 1179

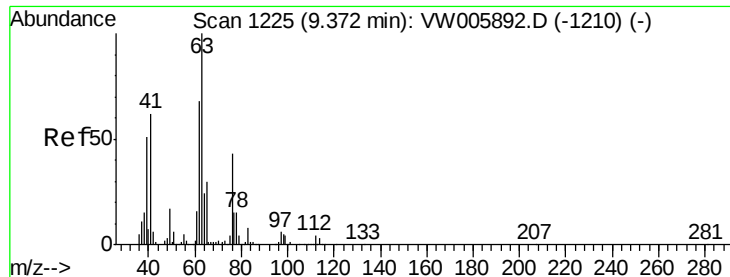
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	130	Resp:	203512
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	185.6





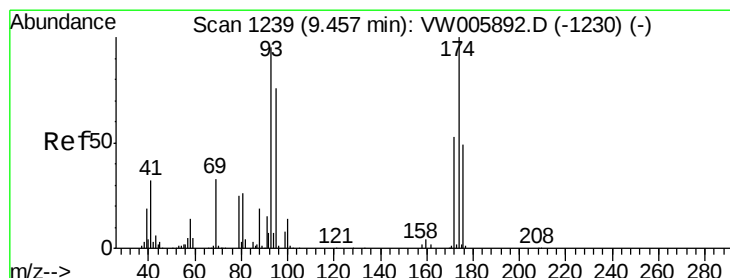
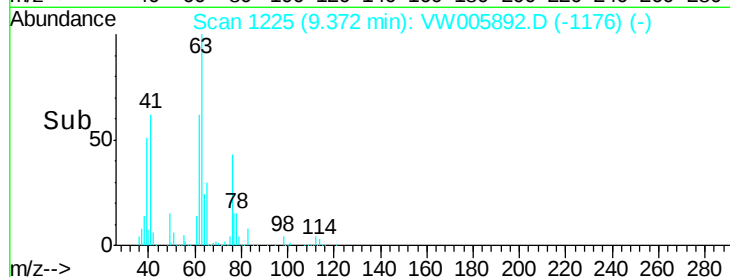
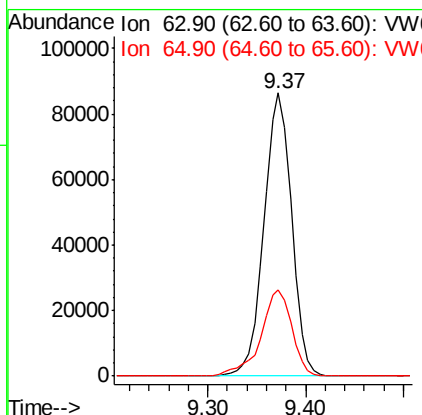
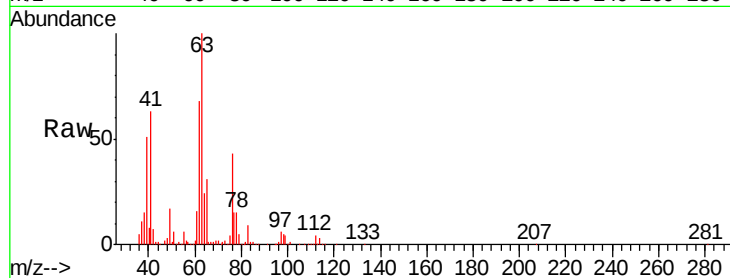
#45
 1,2-Dichloropropane
 Concen: 49.29 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.3	36.5

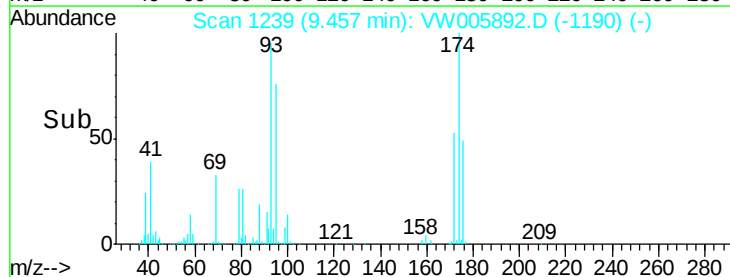
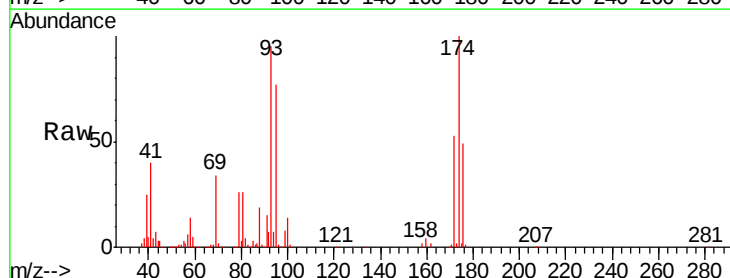
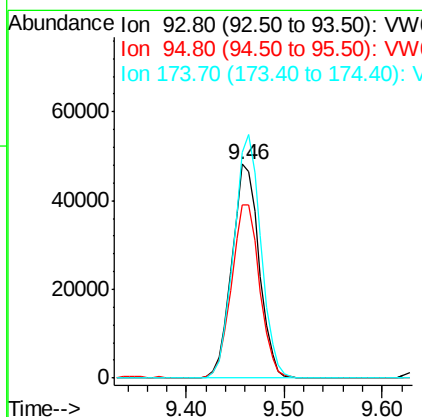
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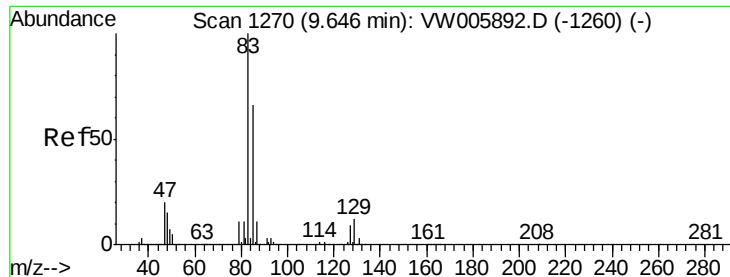
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#46
 Dibromomethane
 Concen: 49.27 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	99.8
174	113.0	90.4	135.6





#47

Bromodichloromethane

Concen: 49.11 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

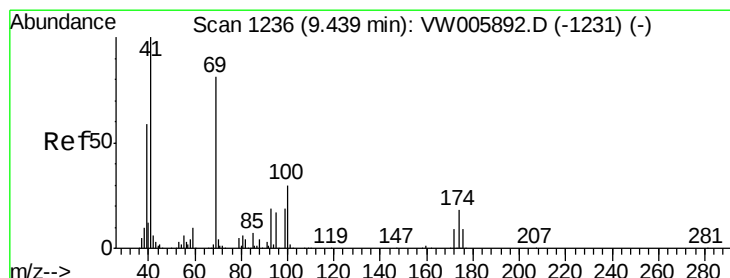
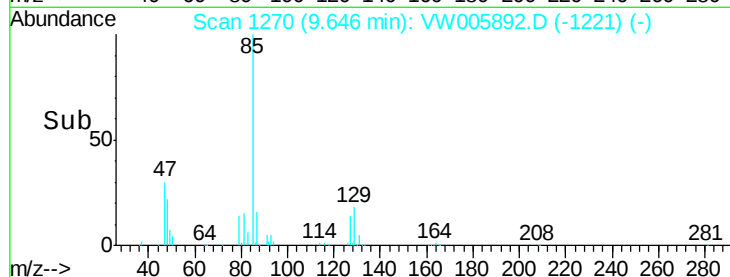
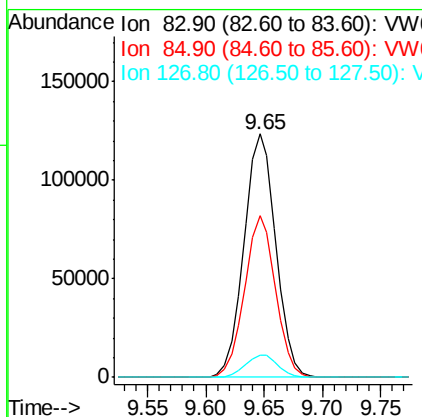
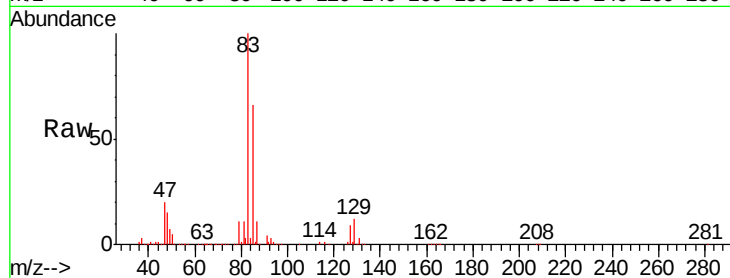
ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	234365
Ion Ratio	Lower	Upper	
83	100		
85	66.3	53.0	79.6
127	9.2	7.4	11.0

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#48

Methyl methacrylate

Concen: 49.37 ug/l

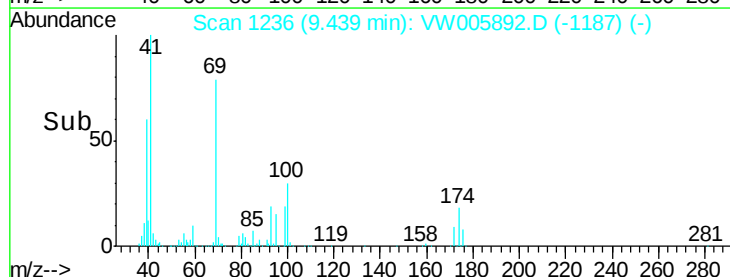
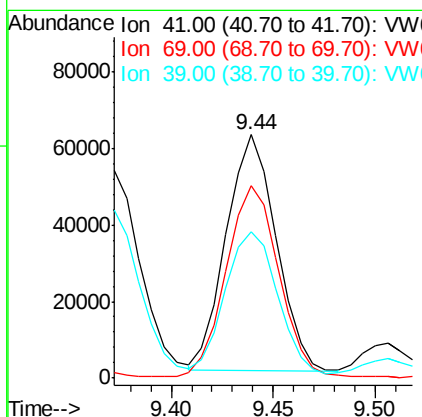
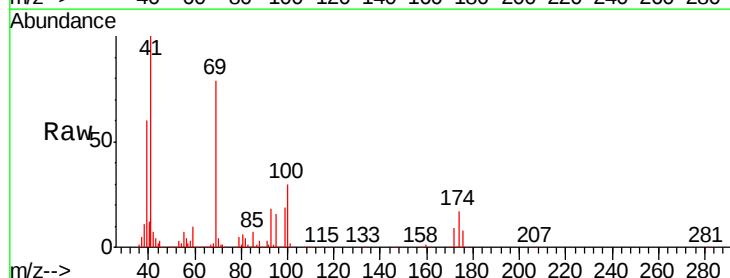
RT: 9.44 min Scan# 1236

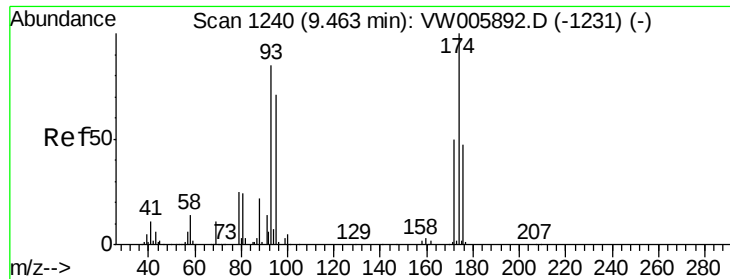
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	41	Resp:	104792
Ion Ratio	Lower	Upper	
41	100		
69	85.9	68.7	103.1
39	62.5	50.0	75.0





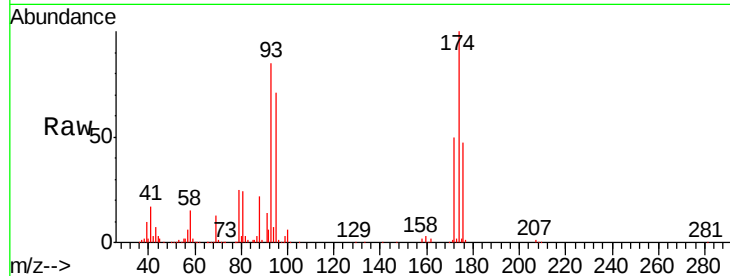
#49
1,4-Dioxane
Concen: 999.20 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

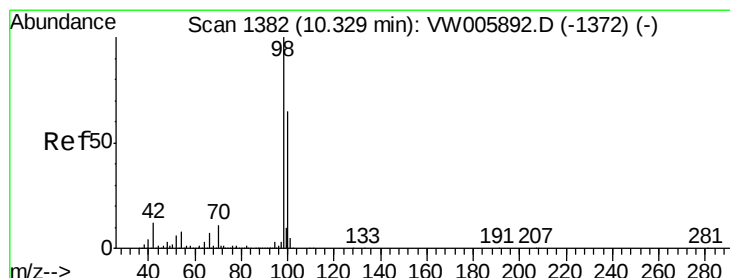
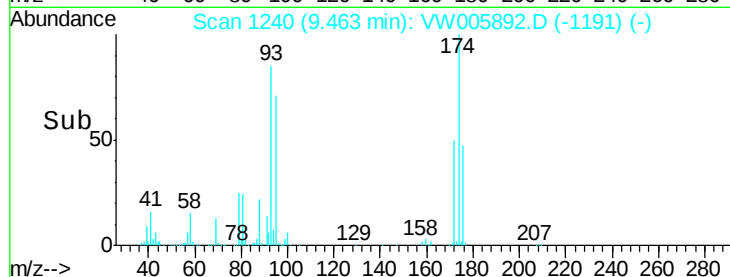
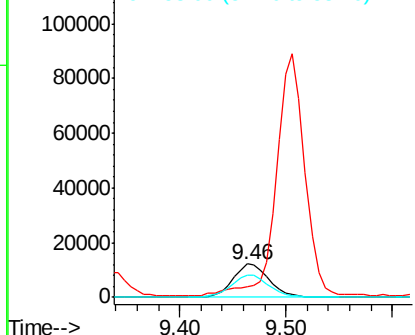
Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.1	57.7	86.5

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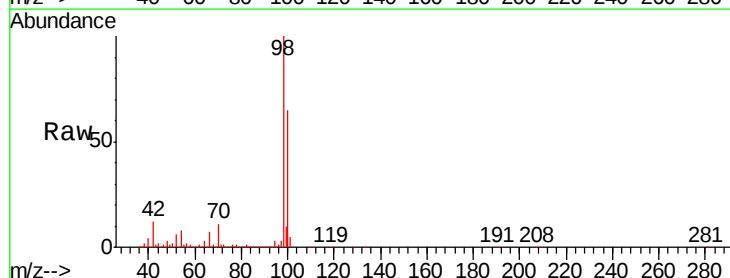


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

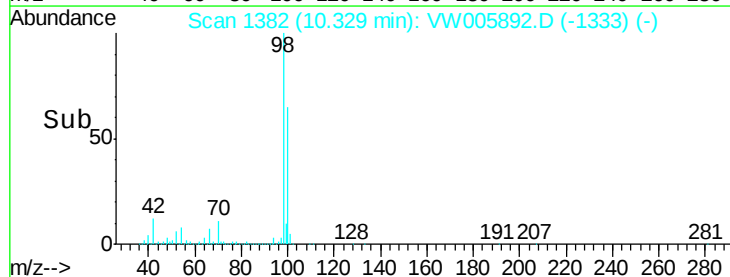
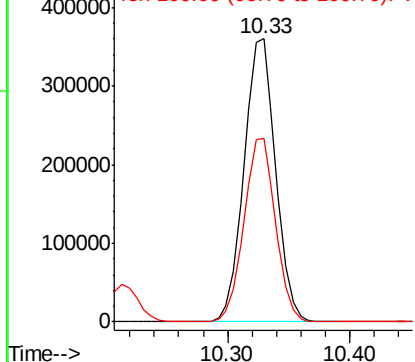


#50
Toluene-d8
Concen: 49.89 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





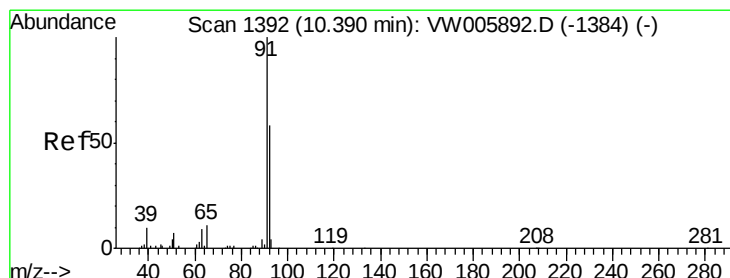
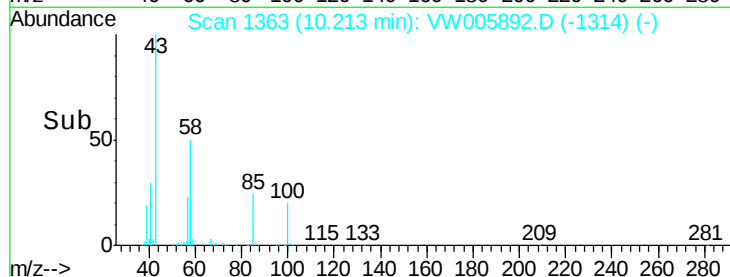
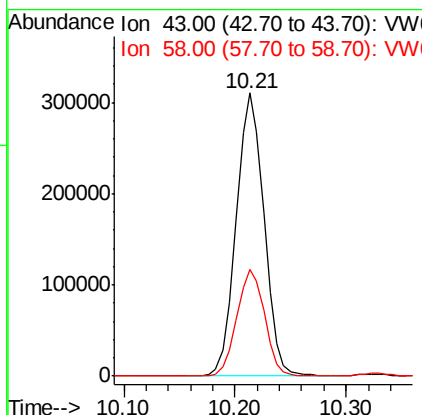
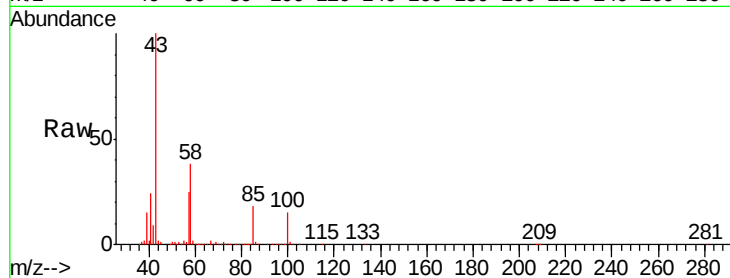
#51
 4-Methyl-2-Pentanone
 Concen: 245.55 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 532774
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.2 45.4

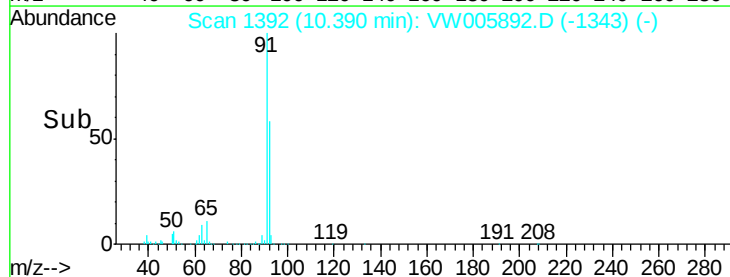
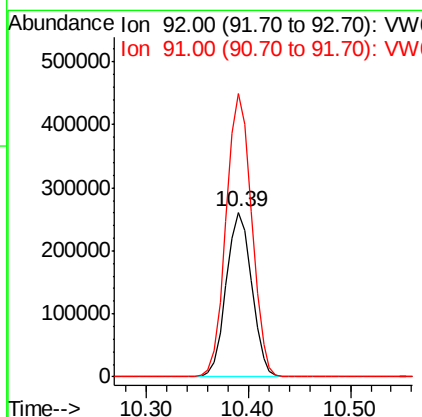
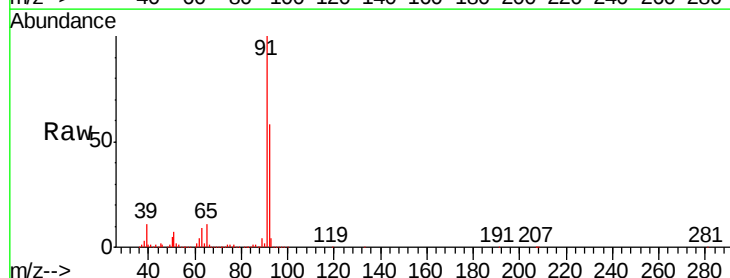
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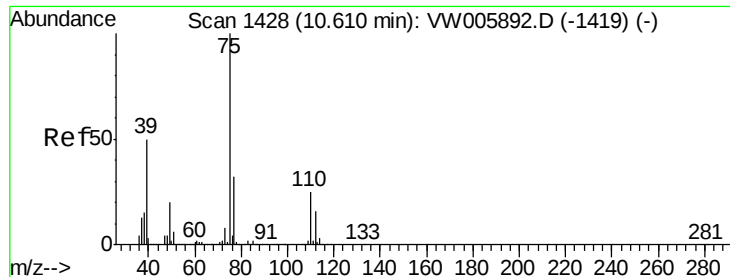
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#52
 Toluene
 Concen: 49.71 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 92 Resp: 450165
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.2 207.4





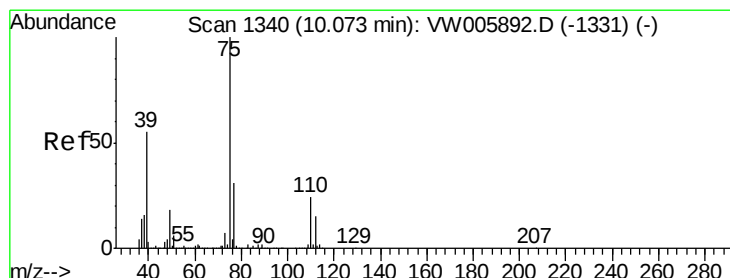
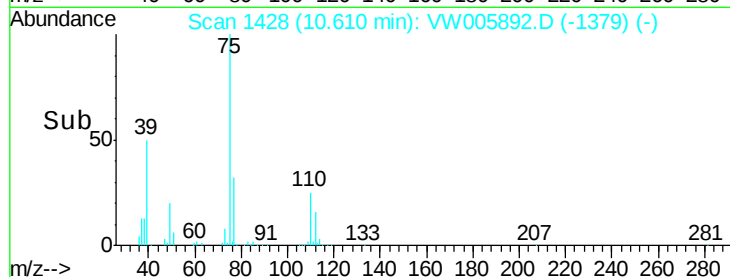
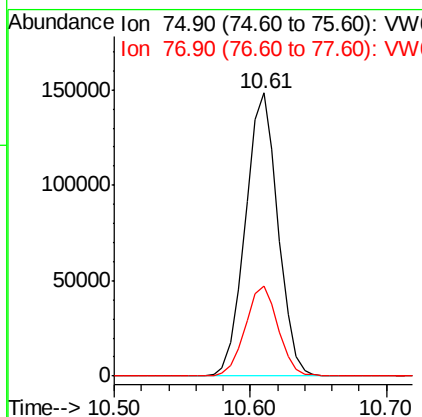
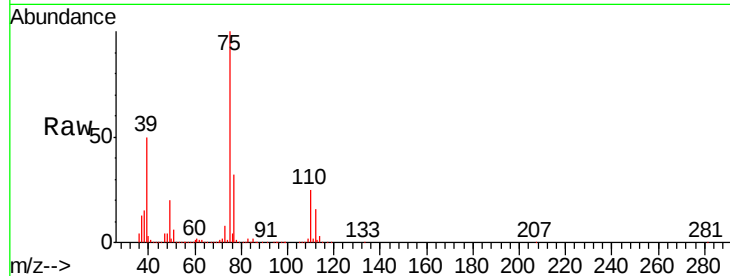
#53
 t-1,3-Dichloropropene
 Concen: 49.81 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 248423
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2

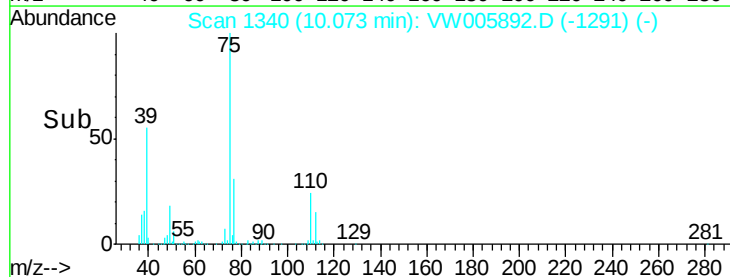
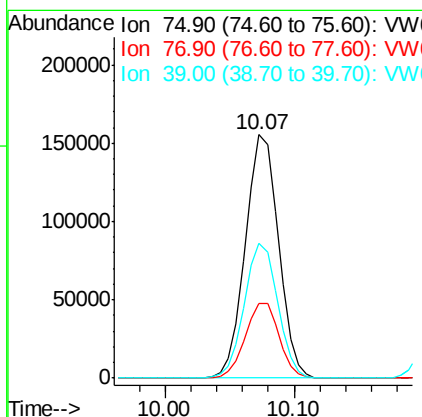
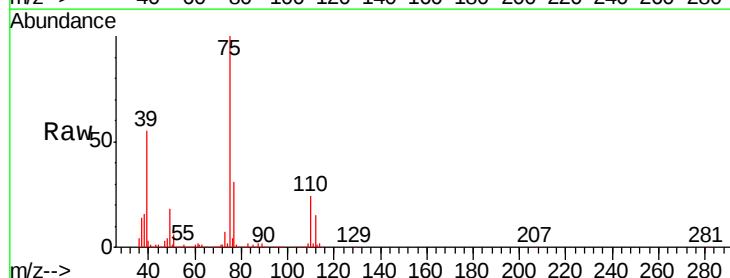
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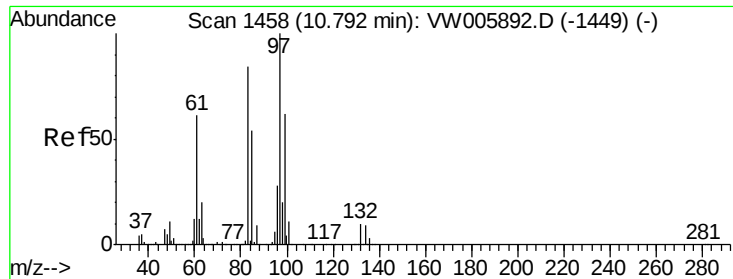
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#54
 cis-1,3-Dichloropropene
 Concen: 49.37 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 75 Resp: 276761
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0
 39 55.3 44.2 66.4





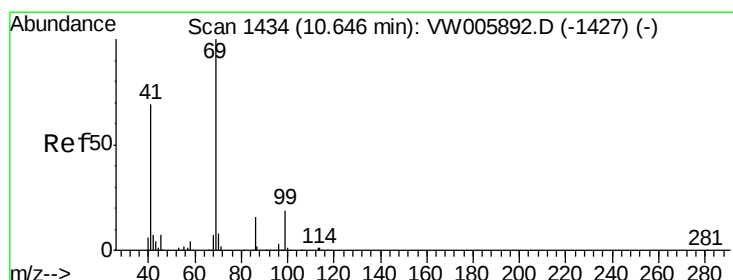
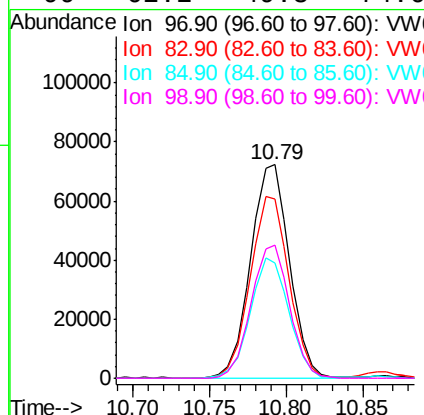
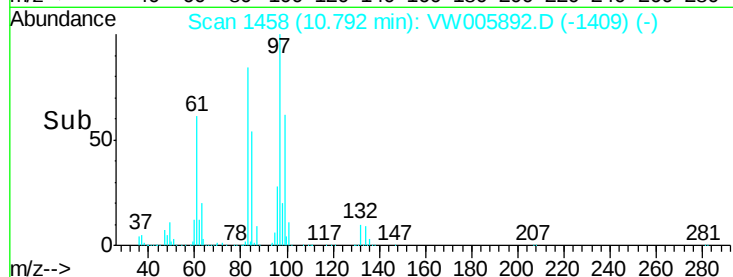
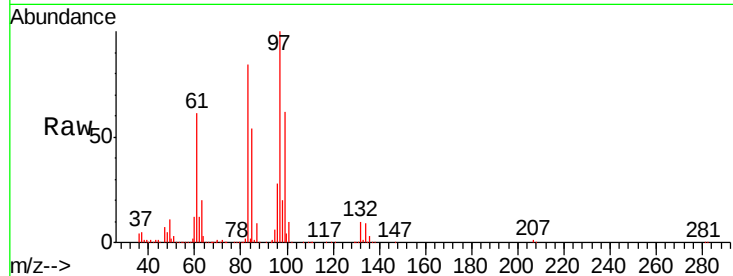
#55
 1,1,2-Trichloroethane
 Concen: 48.72 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.9	100.3
85	54.2	43.4	65.0
99	62.2	49.8	74.6

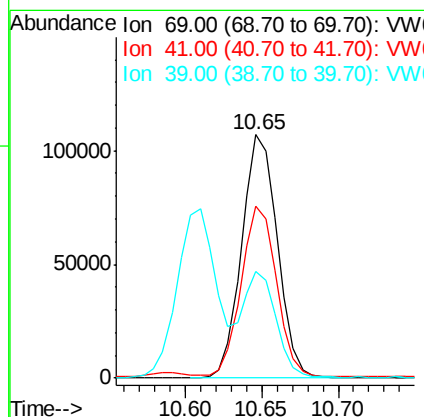
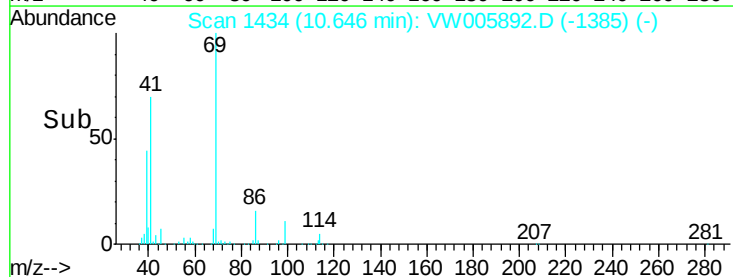
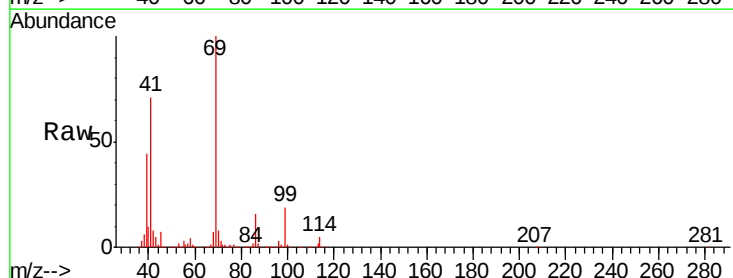
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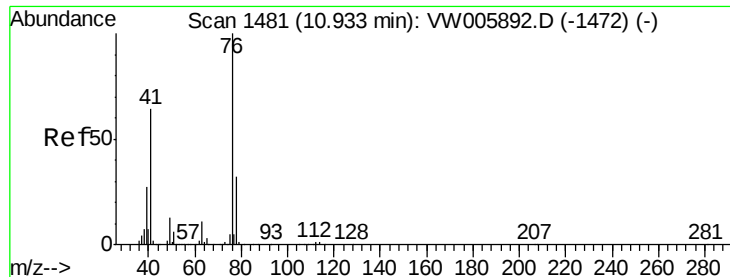
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#56
 Ethyl methacrylate
 Concen: 48.88 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.0	84.0
39	41.9	33.5	50.3





#57

1,3-Dichloropropane

Concen: 49.20 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 76 Resp: 217397

Ion Ratio Lower Upper

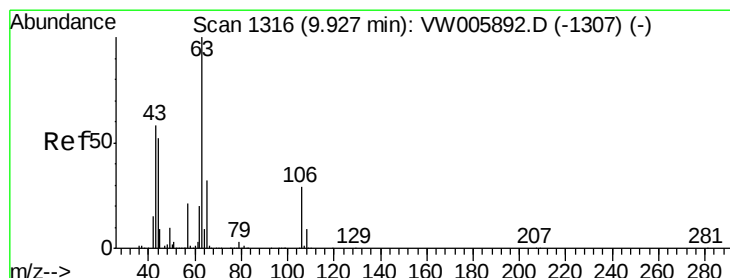
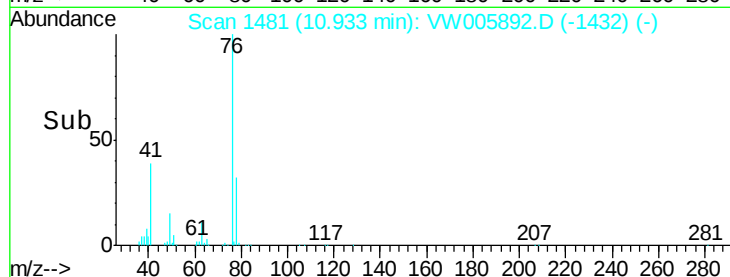
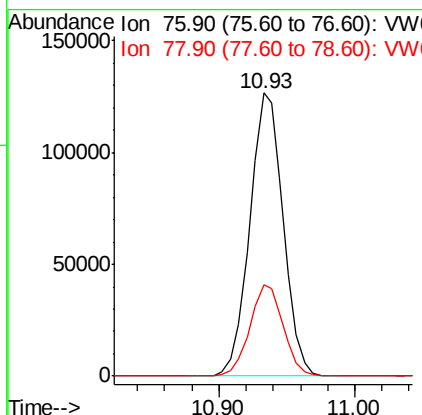
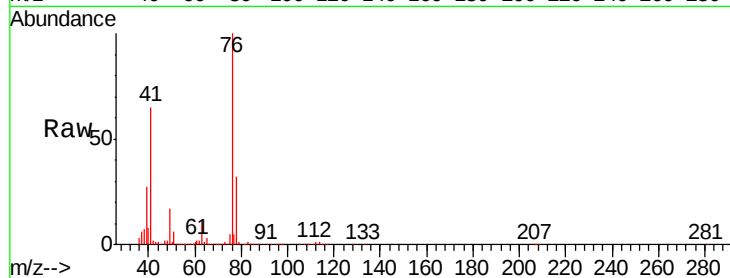
76 100

78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 237.21 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW005892.D

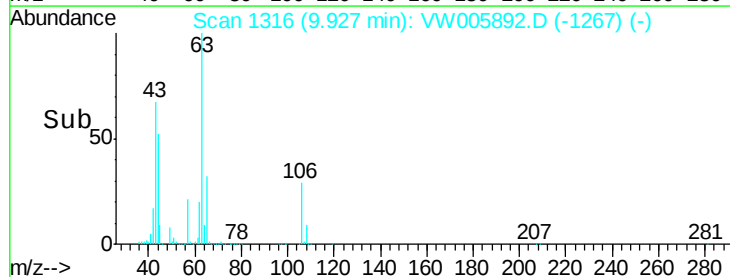
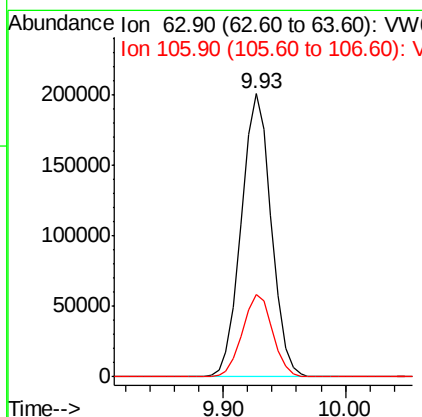
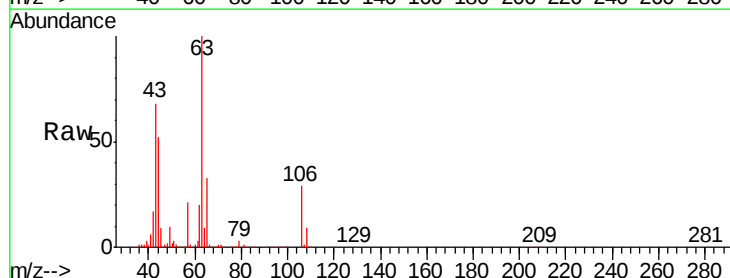
Acq: 08 Oct 2018 13:06

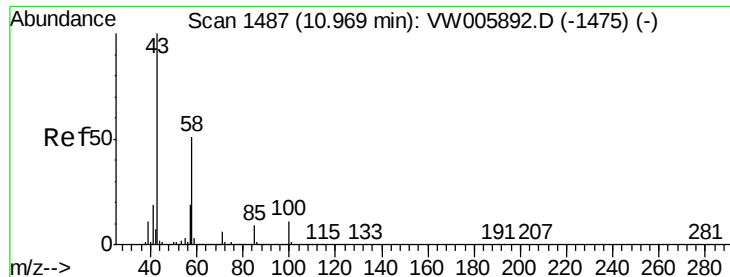
Tgt Ion: 63 Resp: 341715

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4





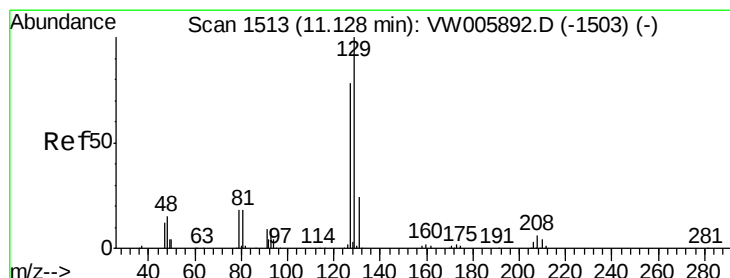
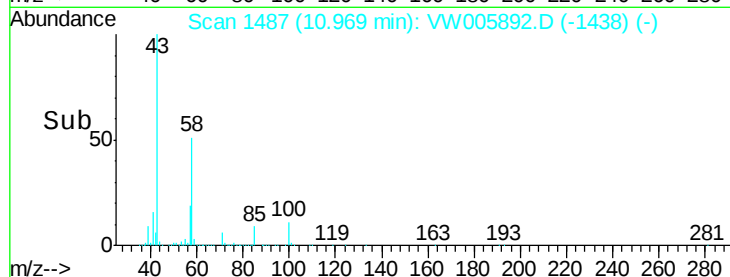
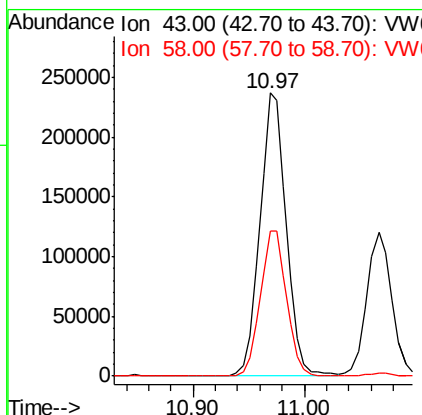
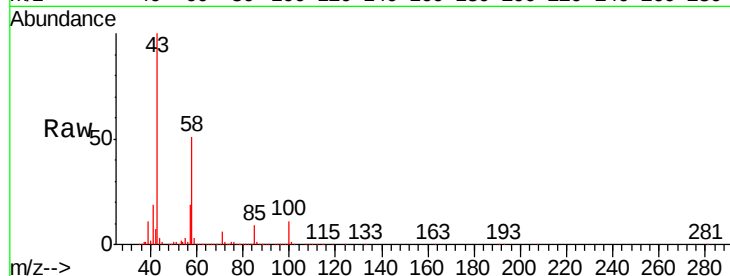
#59
2-Hexanone
Concen: 249.84 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 388679
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.1

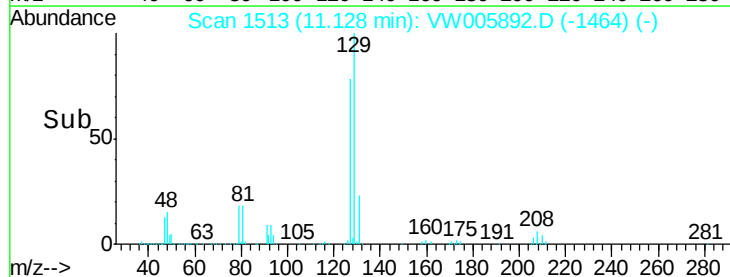
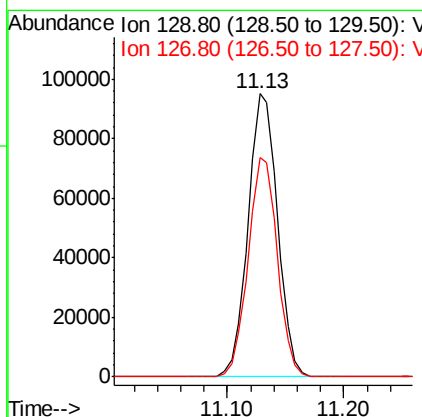
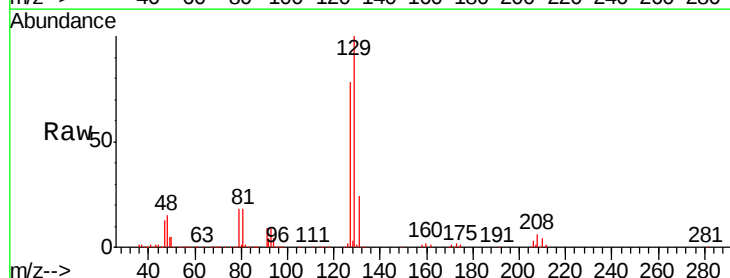
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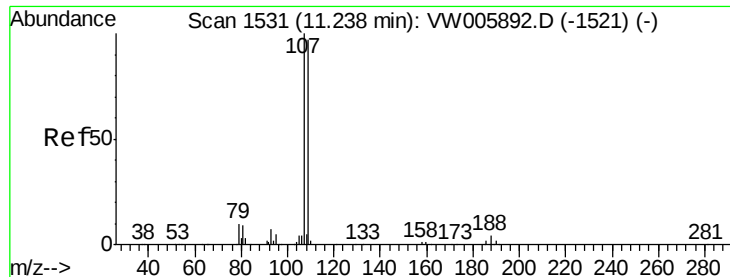
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#60
Dibromochloromethane
Concen: 49.61 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 129 Resp: 168169
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





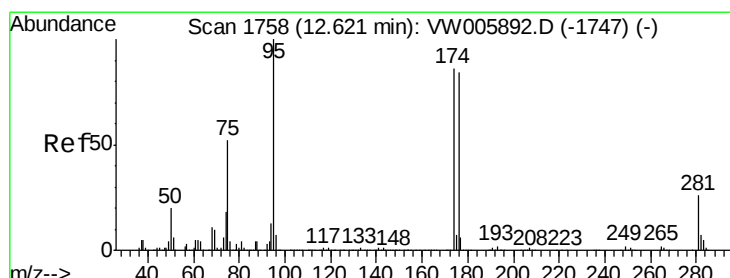
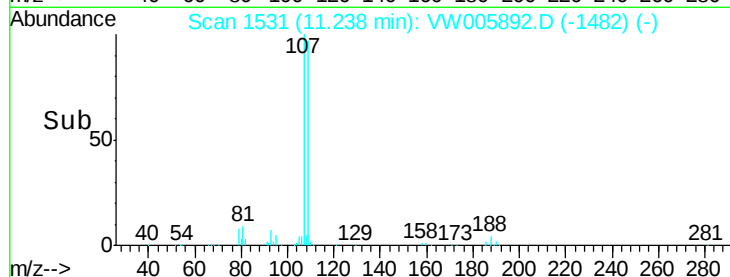
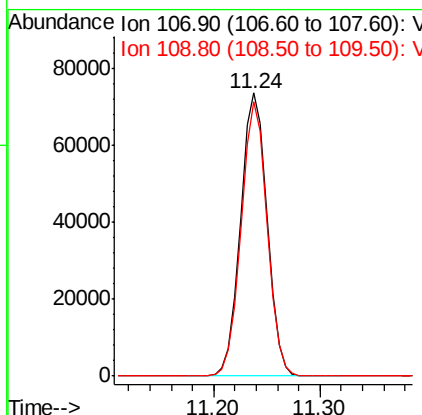
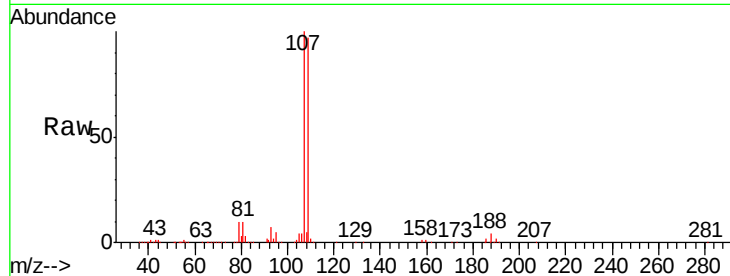
#61
 1,2-Dibromoethane
 Concen: 49.17 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	129074		
109	94.8	75.8	113.8	

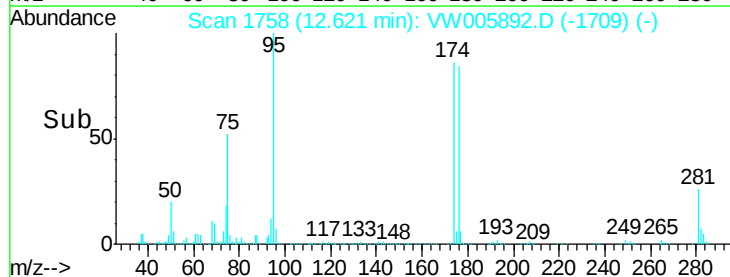
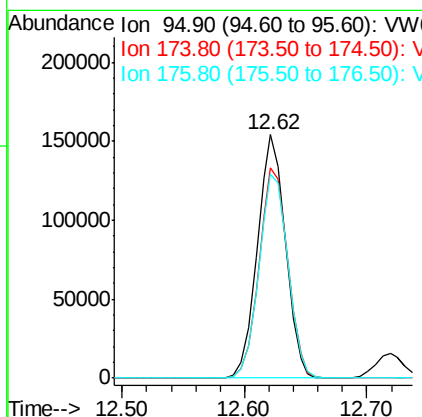
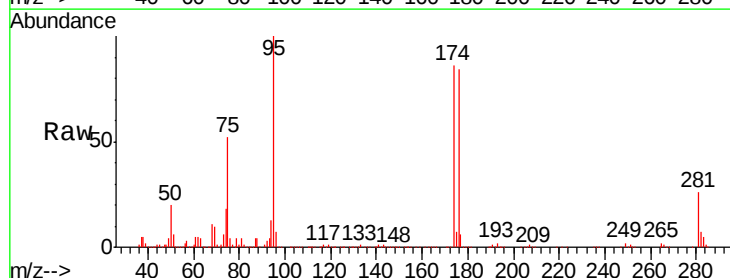
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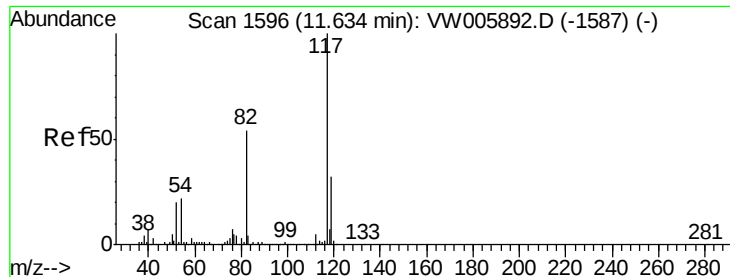
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.10 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	246103		
174	88.2	0.0	176.4	
176	86.5	0.0	173.0	





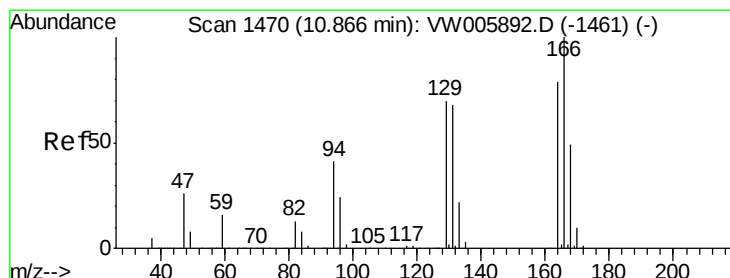
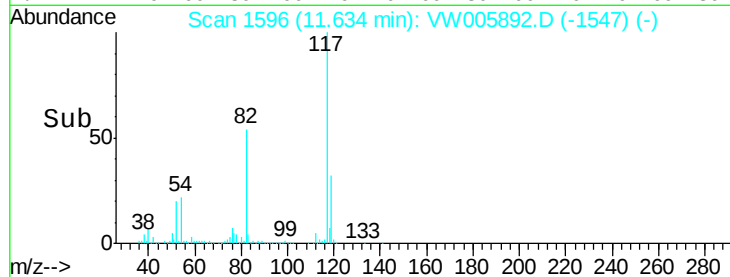
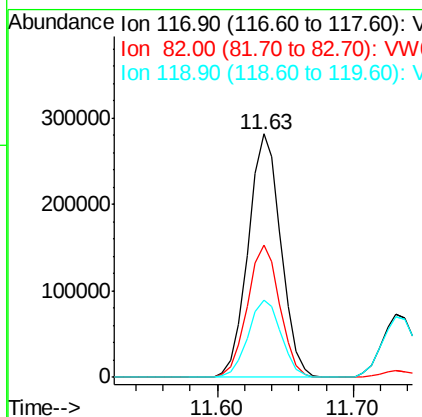
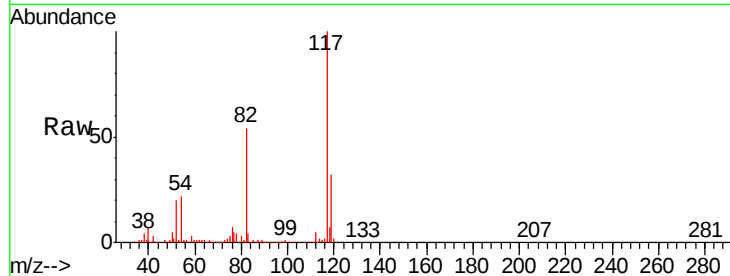
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	31.8	25.4	38.2

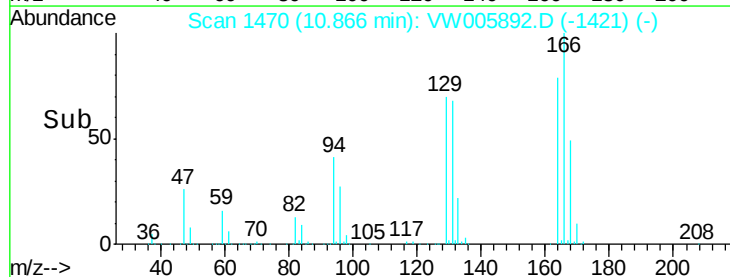
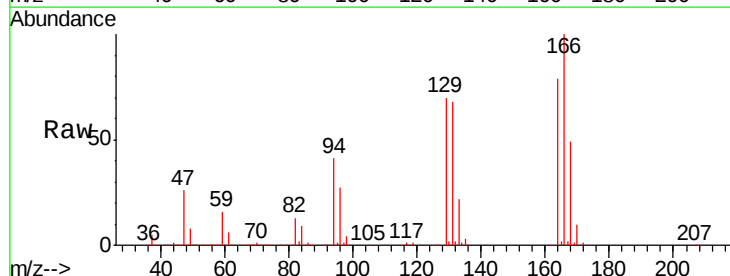
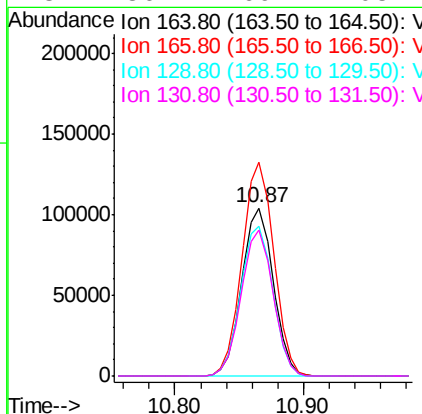
Manual Integrations
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#64
Tetrachloroethene
Concen: 50.10 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.5	152.3
129	88.9	71.1	106.7
131	86.4	69.1	103.7





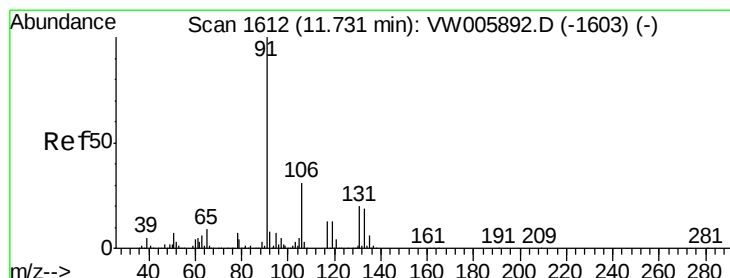
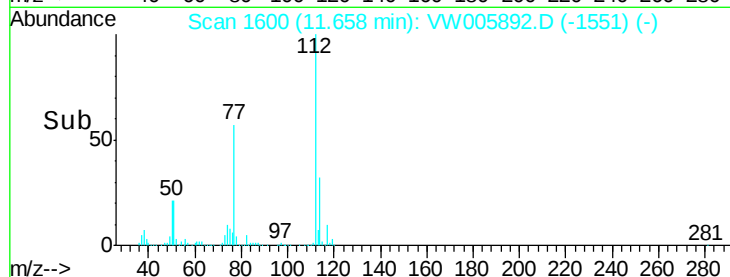
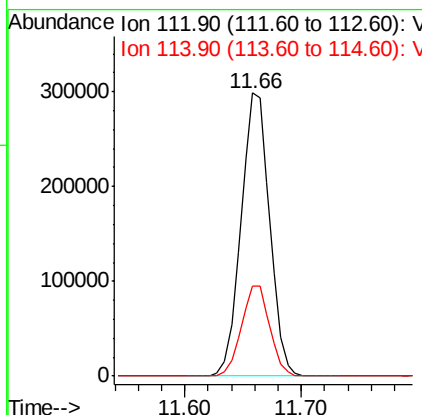
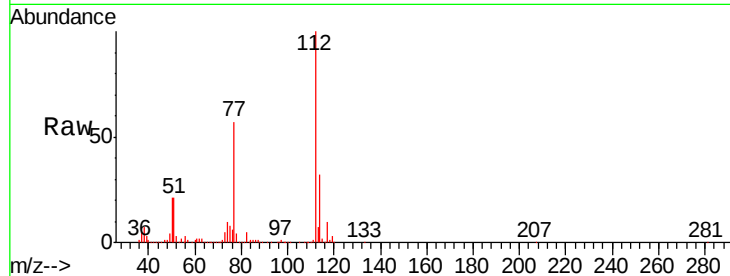
#65
Chlorobenzene
Concen: 50.30 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 510200
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

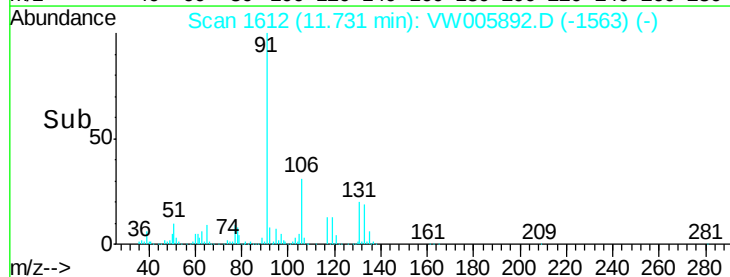
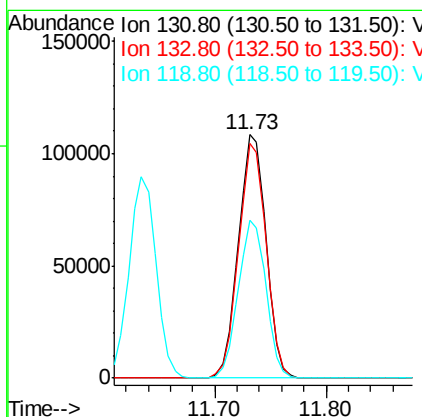
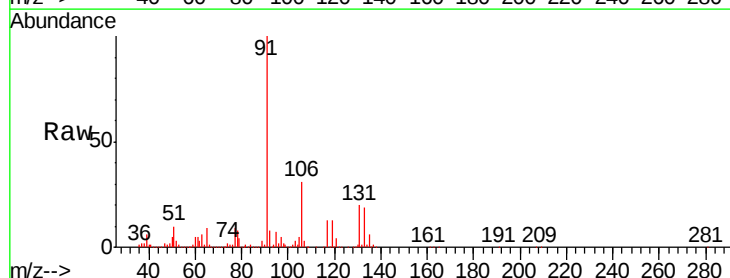
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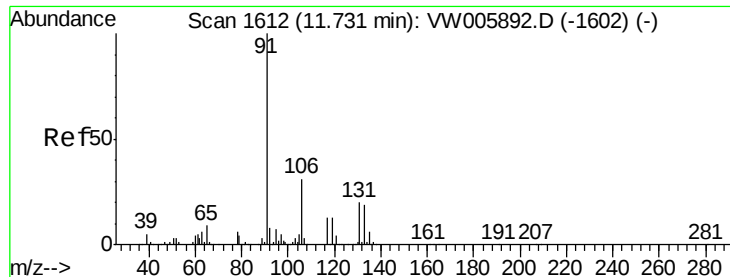
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.13 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion:131 Resp: 186365
Ion Ratio Lower Upper
131 100
133 96.4 48.2 144.6
119 65.0 32.5 97.5





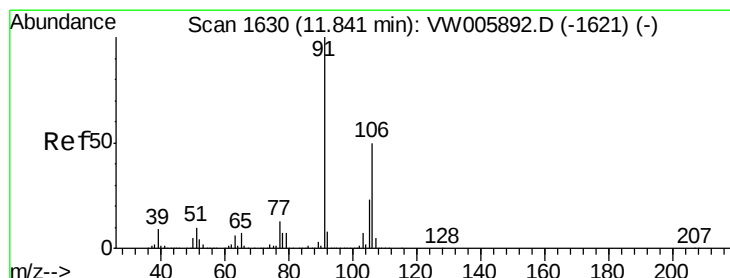
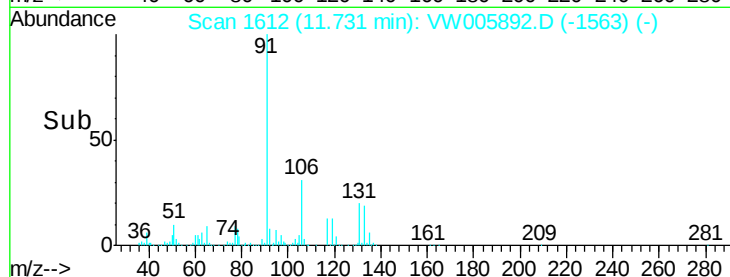
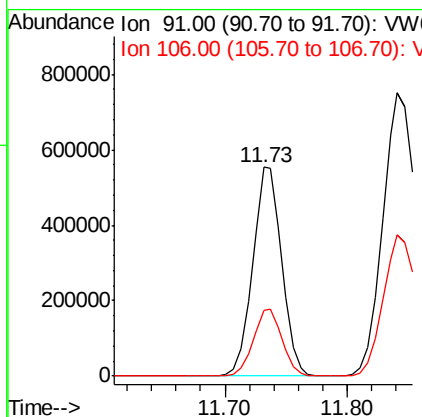
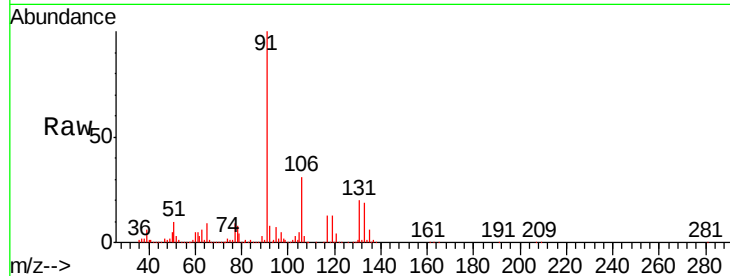
#67
Ethyl Benzene
Concen: 50.88 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 911513
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

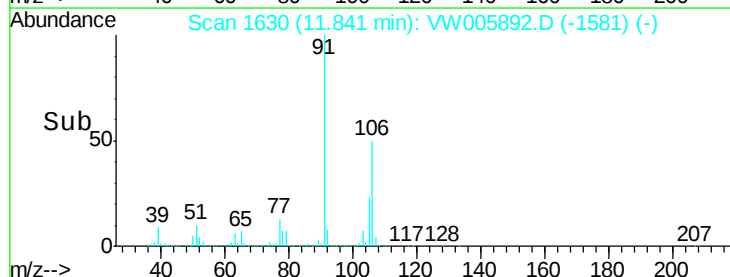
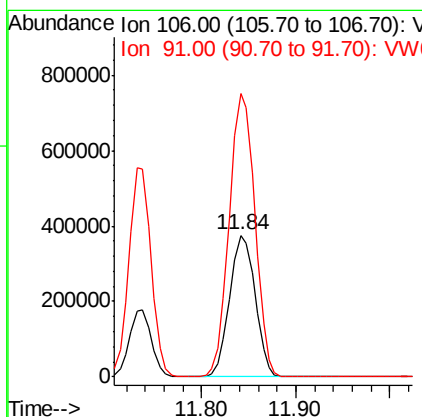
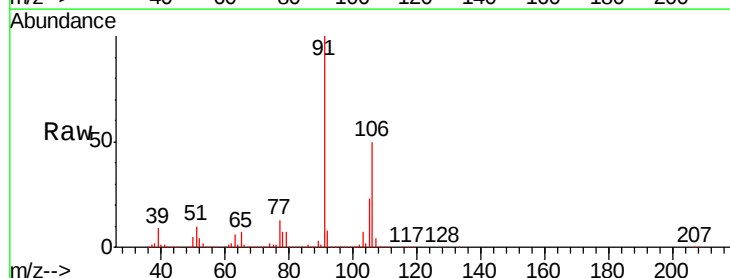
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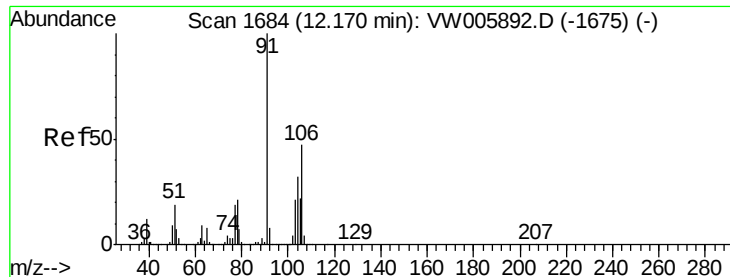
apatel
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#68
m/p-Xylenes
Concen: 101.55 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 106 Resp: 711018
Ion Ratio Lower Upper
106 100
91 200.2 160.2 240.2





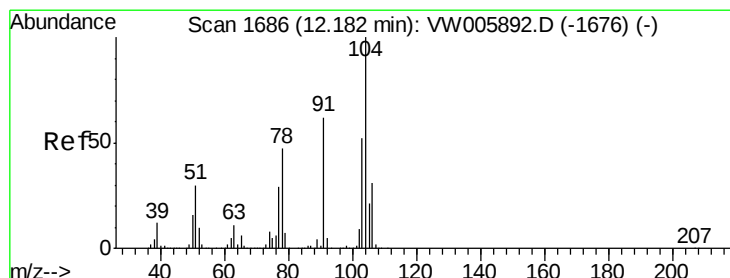
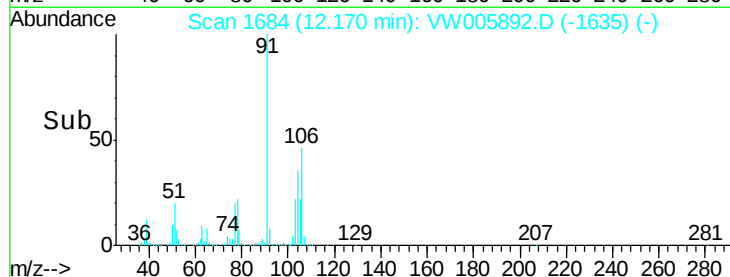
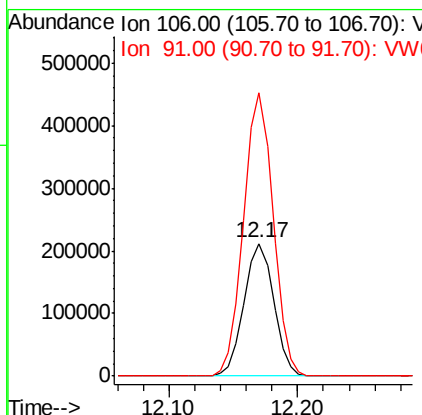
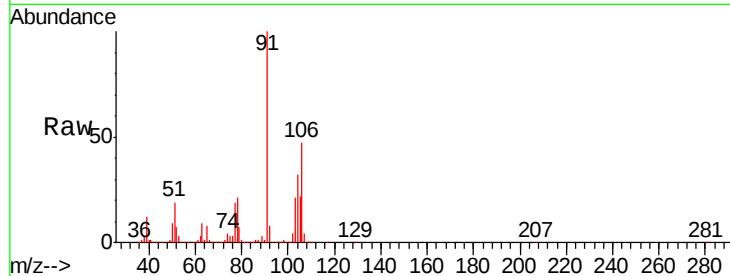
#69
o-Xylene
Concen: 50.42 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion:106 Resp: 337955
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.5

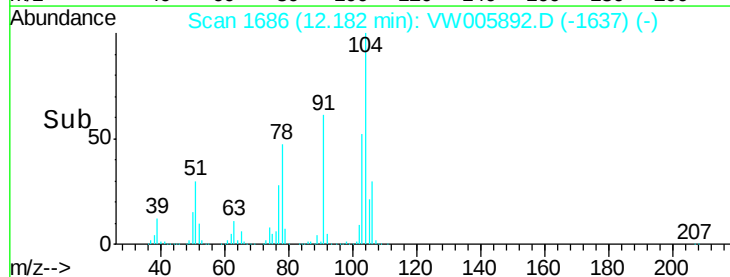
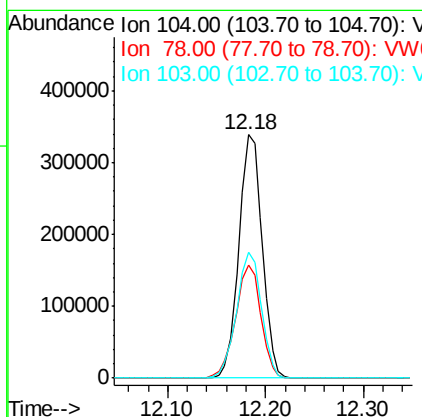
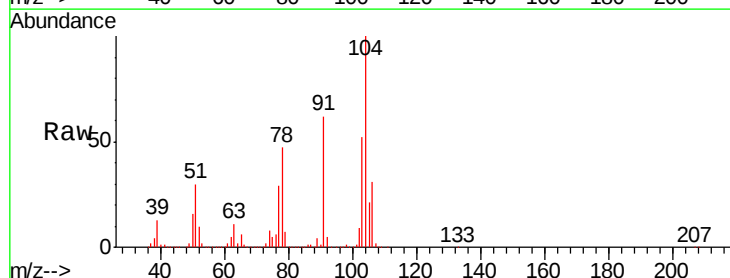
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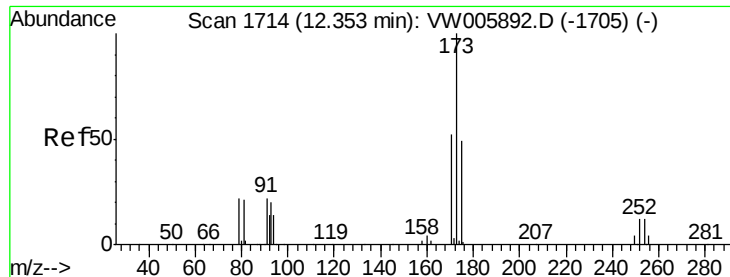
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#70
Styrene
Concen: 50.50 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion:104 Resp: 561661
Ion Ratio Lower Upper
104 100
78 50.5 40.4 60.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 49.94 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

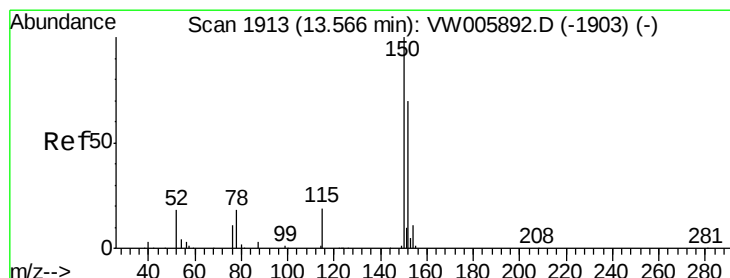
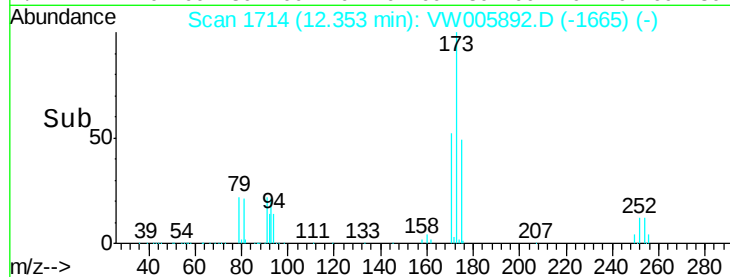
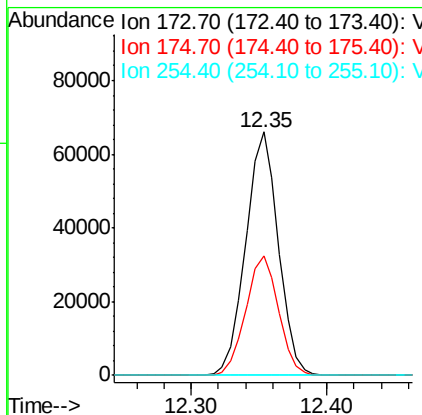
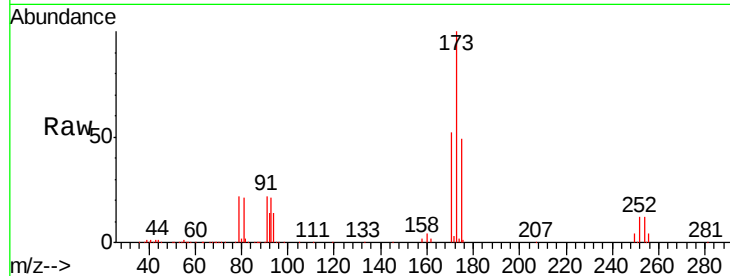
ClientSampleId :

VSTDICCC050

Tgt Ion:	173	Resp:	110591
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.7	74.1
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

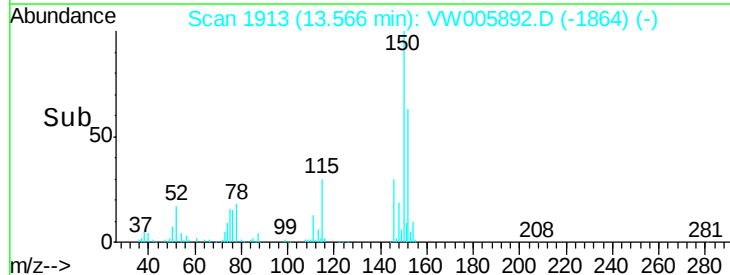
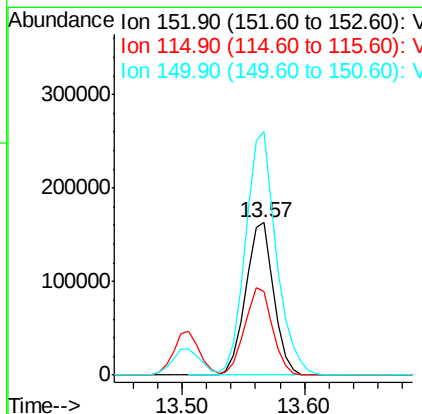
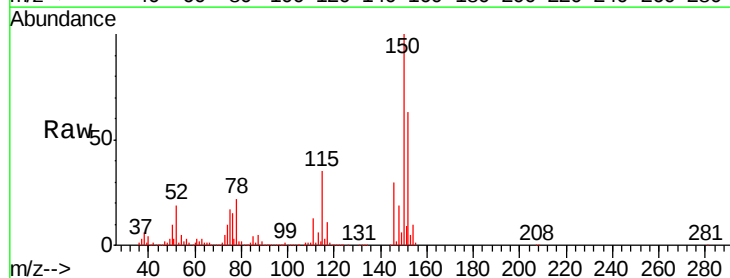
RT: 13.57 min Scan# 1913

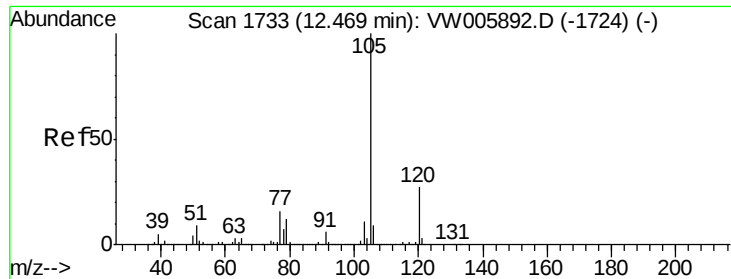
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	152	Resp:	259822
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.3	85.0
150	174.6	0.0	349.2





#73

Isopropylbenzene

Concen: 49.97 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 948276

Ion Ratio Lower Upper

105 100

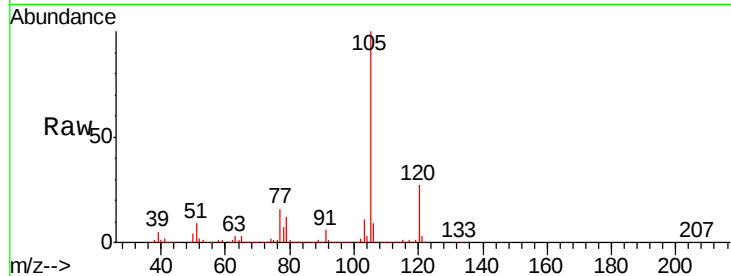
120 27.2 13.6 40.8

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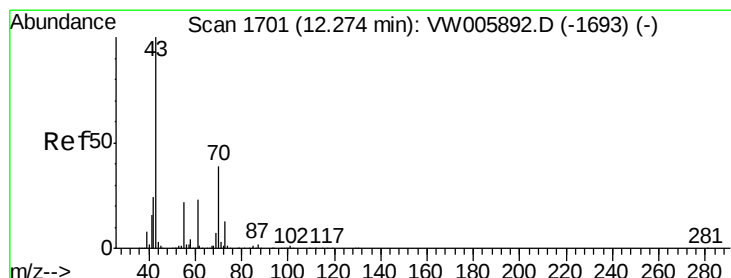
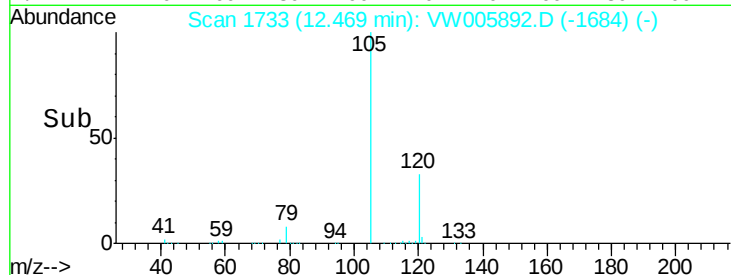
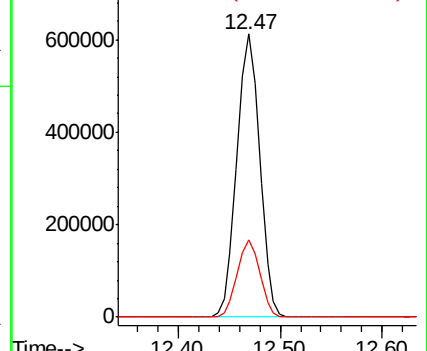
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.90 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion: 43 Resp: 220364

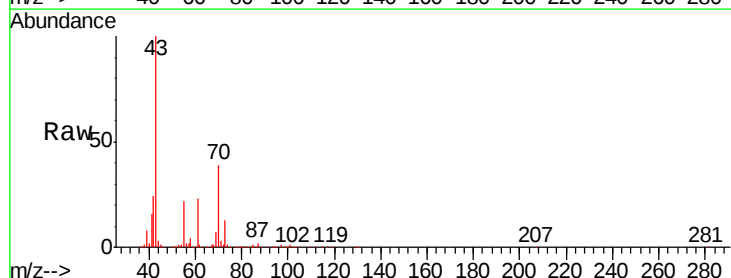
Ion Ratio Lower Upper

43 100

70 39.5 31.6 47.4

55 22.4 17.9 26.9

61 23.3 18.6 28.0

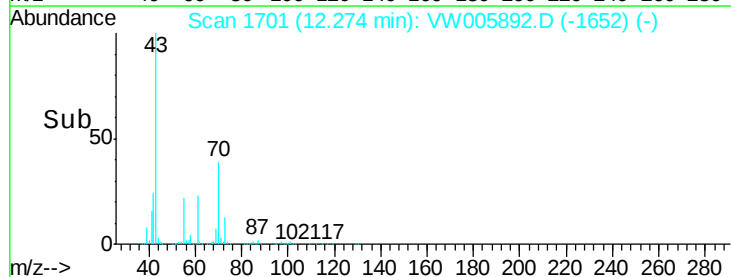
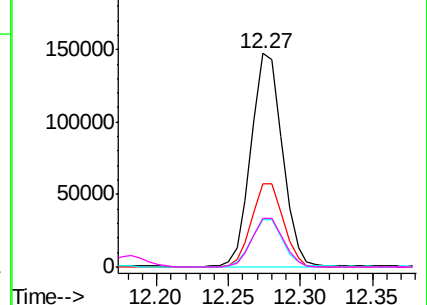


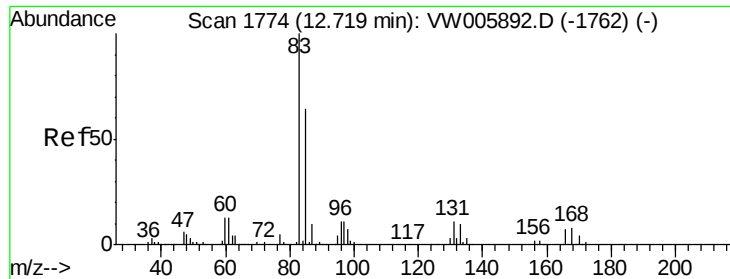
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





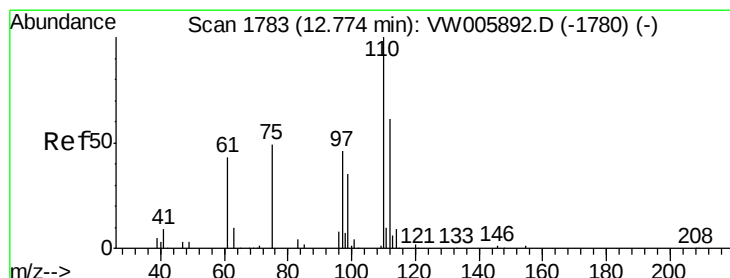
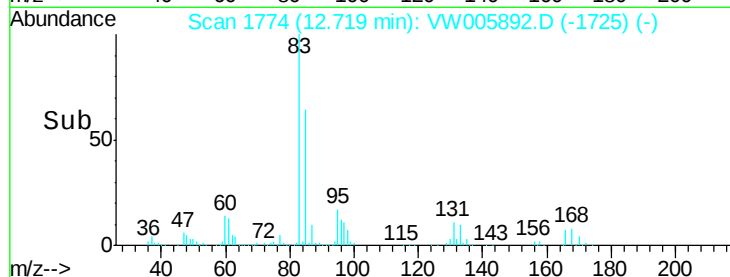
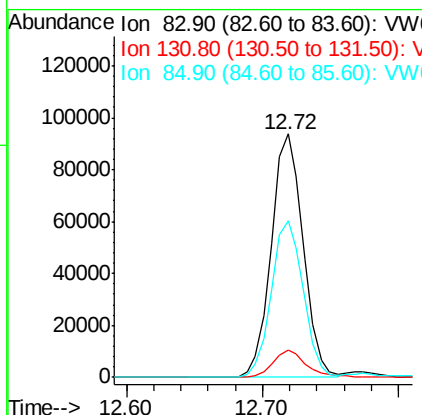
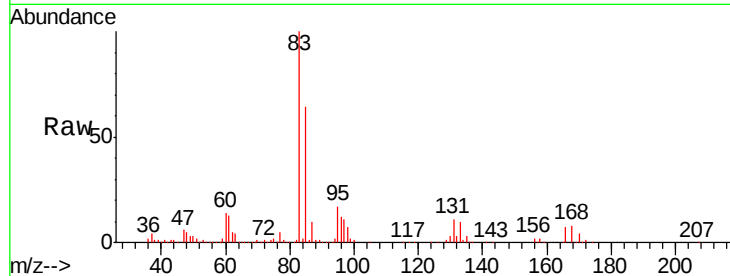
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.10 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.8	17.3
85	64.7	32.4	97.0

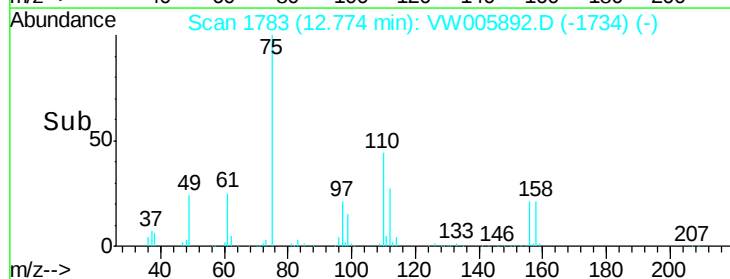
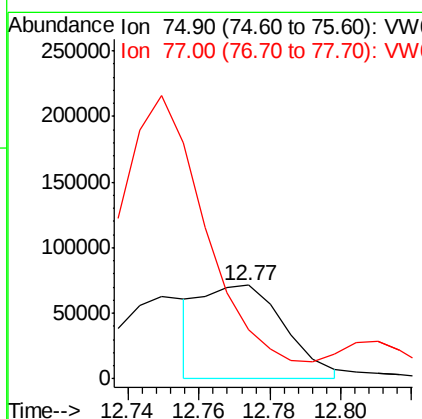
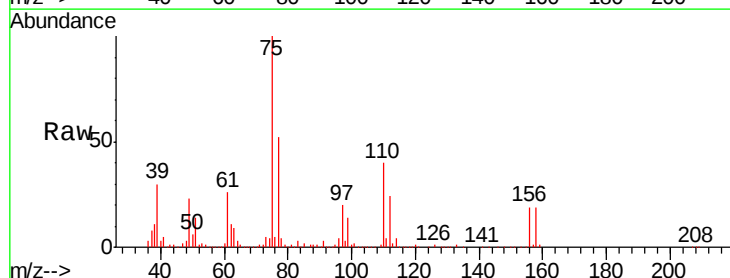
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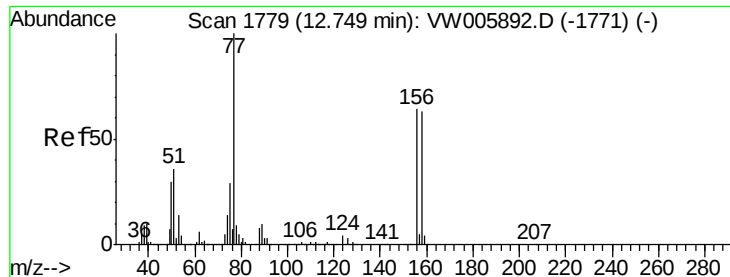
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#76
 1,2,3-Trichloropropane
 Concen: 29.11 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.13 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

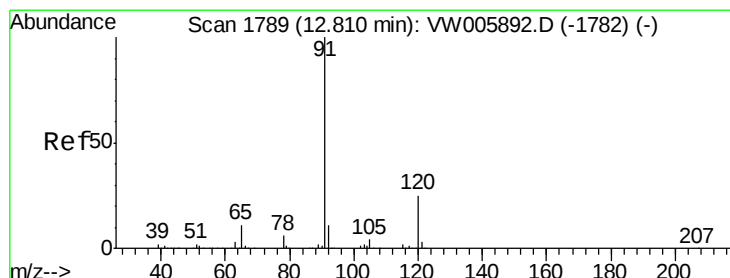
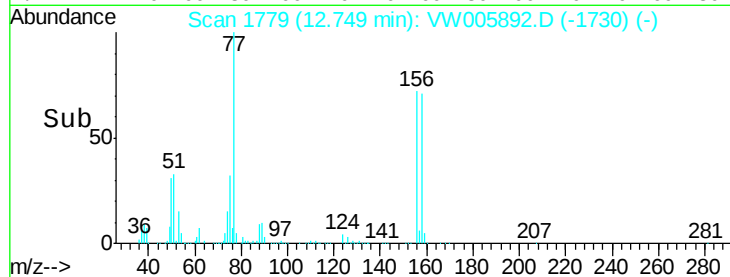
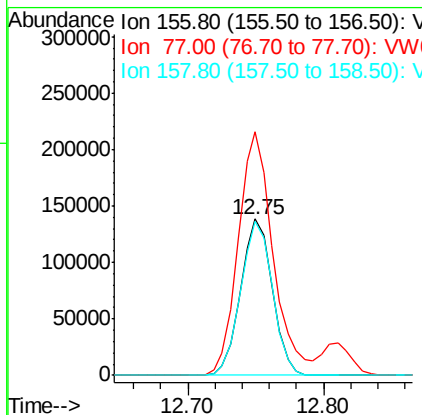
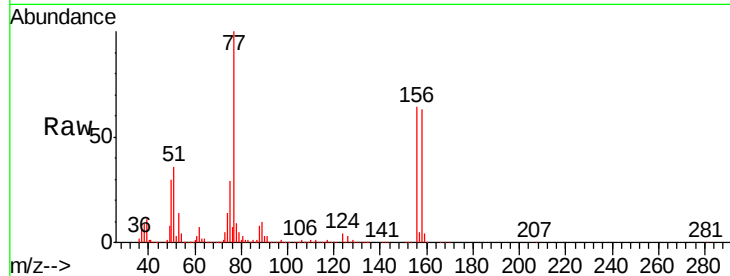
ClientSampleId :

VSTDICCC050

Tgt Ion:	156	Resp:	225386
Ion Ratio	Lower	Upper	
156	100		
77	171.6	85.8	257.4
158	98.3	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 50.09 ug/l

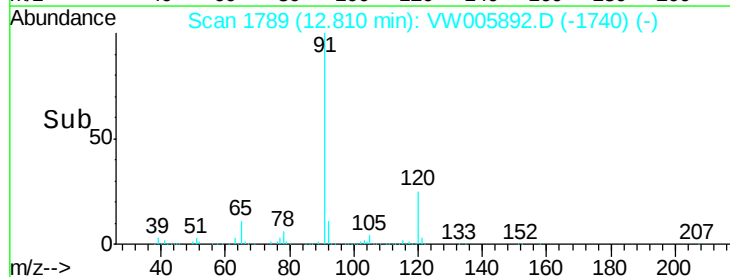
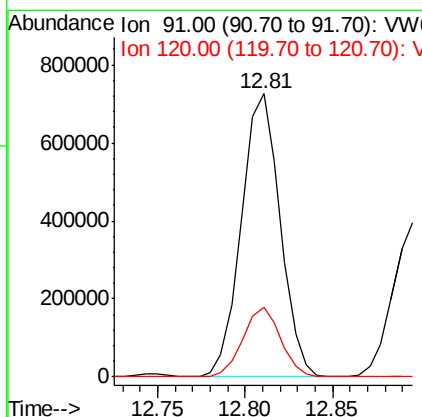
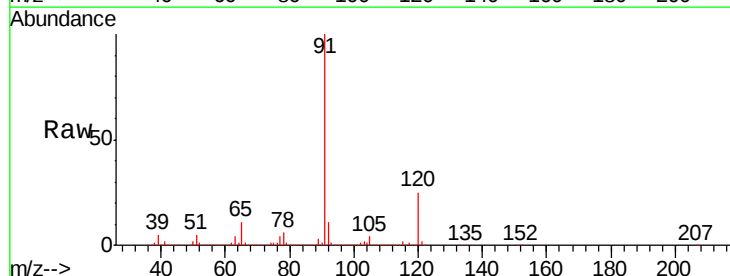
RT: 12.81 min Scan# 1789

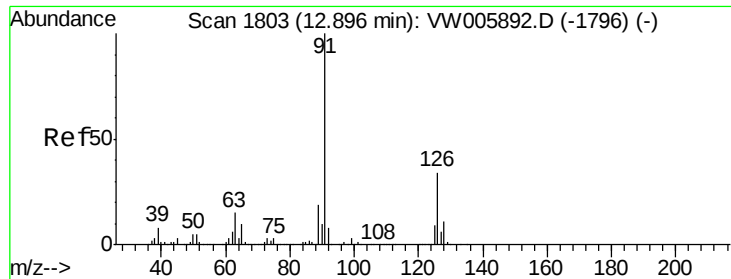
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	91	Resp:	1118174
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.83 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tgt Ion: 91 Resp: 627877

Ion Ratio Lower Upper

91 100

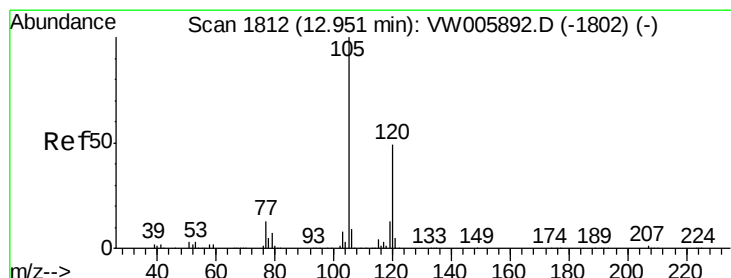
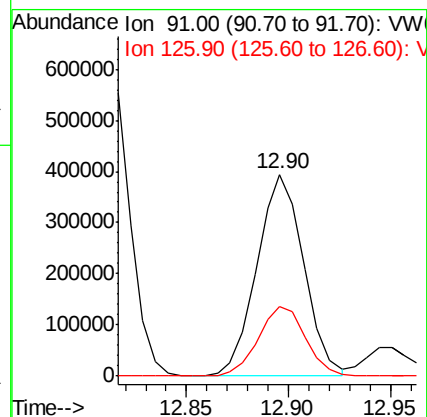
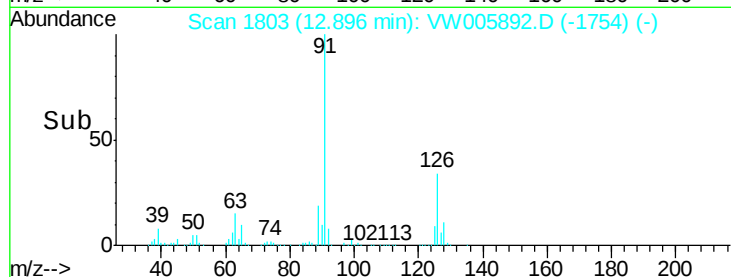
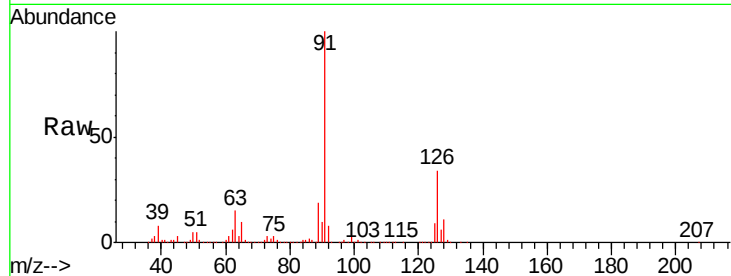
126 35.0 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.14 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005892.D

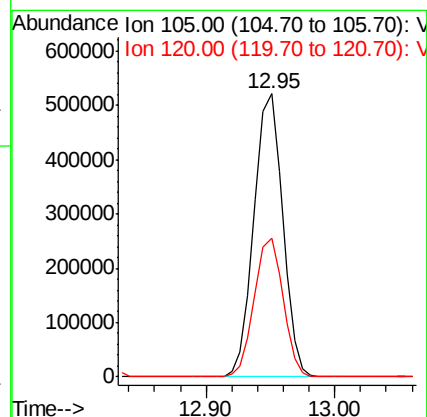
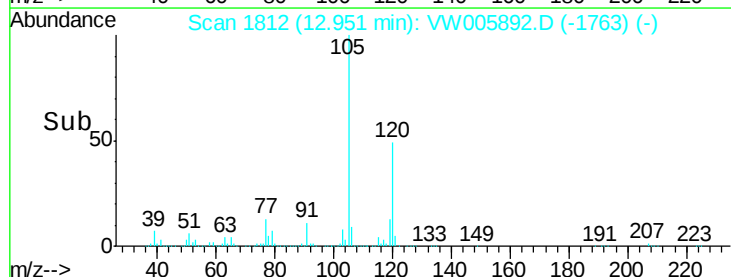
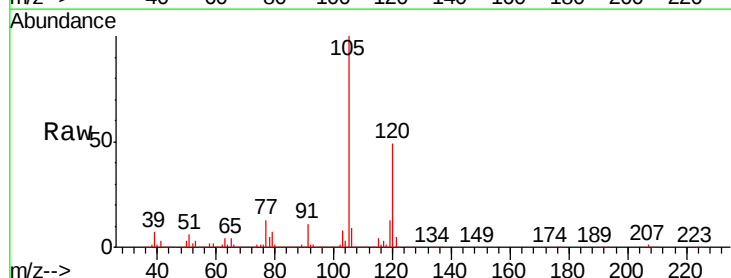
Acq: 08 Oct 2018 13:06

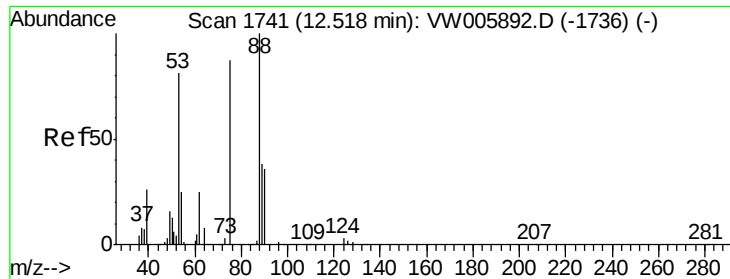
Tgt Ion: 105 Resp: 803288

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





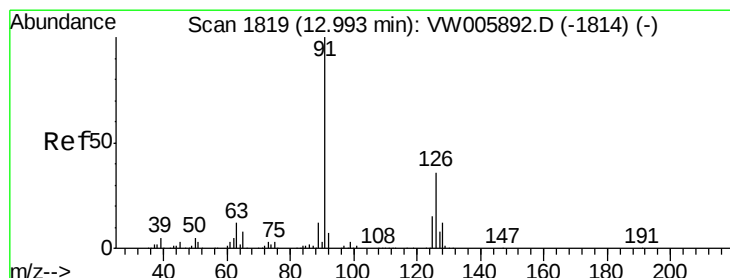
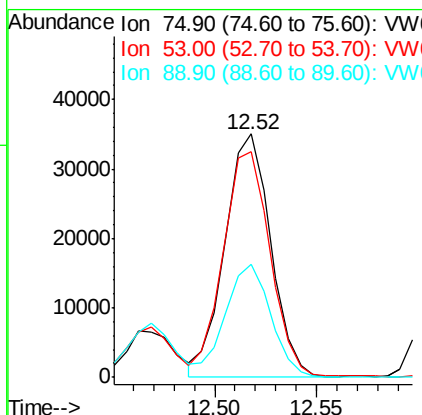
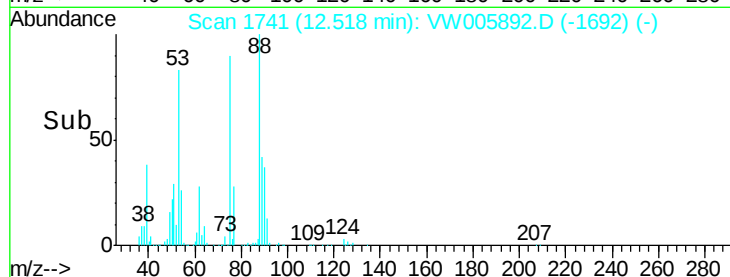
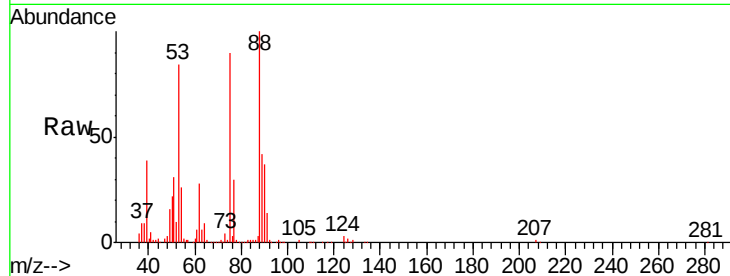
#81
trans-1,4-Dichloro-2-butene
Concen: 49.12 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.6	76.5	114.7
89	47.0	37.6	56.4

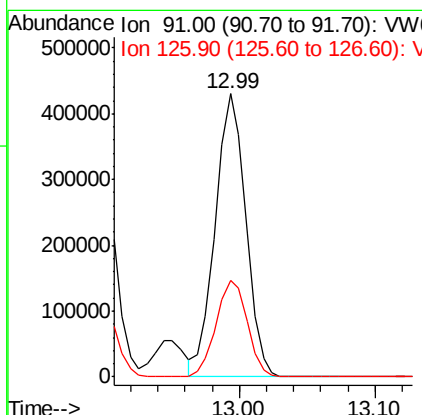
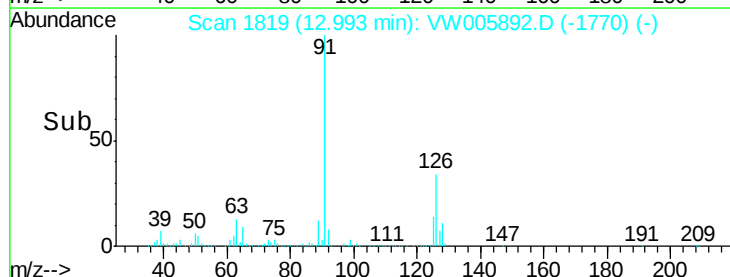
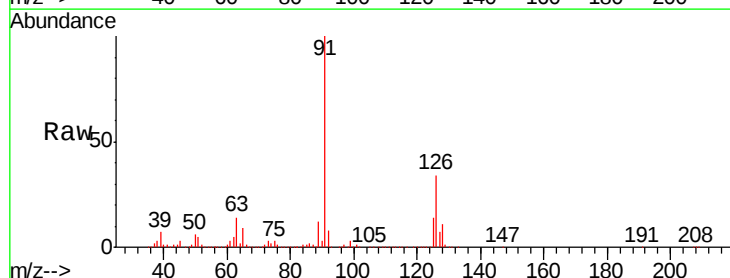
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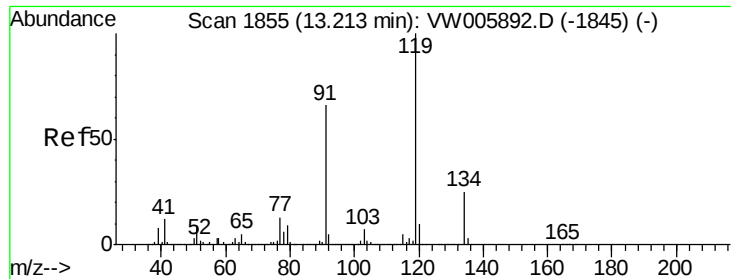
apatel
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#82
4-Chlorotoluene
Concen: 50.49 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.4	52.2





#83

tert-Butylbenzene

Concen: 50.41 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

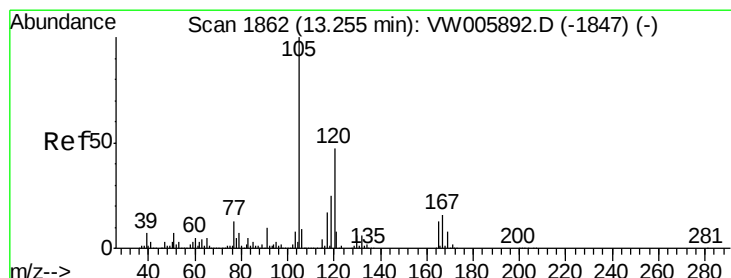
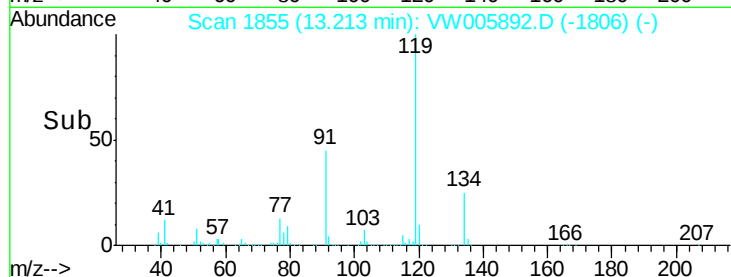
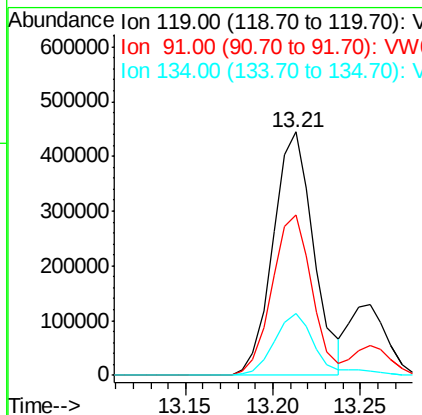
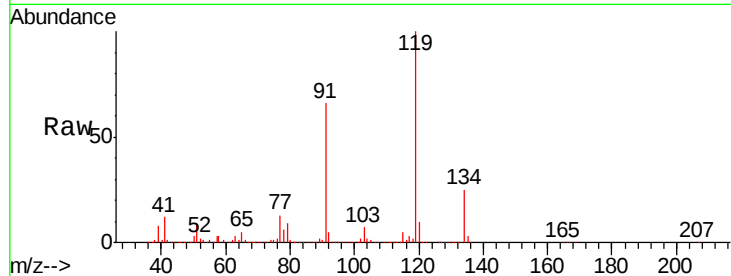
Instrument :
MSVOA_W

ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.4	97.0
134	26.4	13.2	39.6

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#84

1,2,4-Trimethylbenzene

Concen: 50.46 ug/l

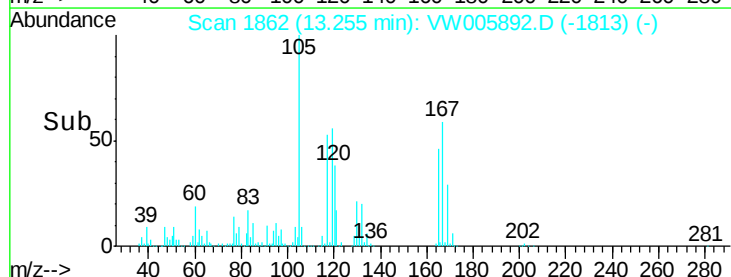
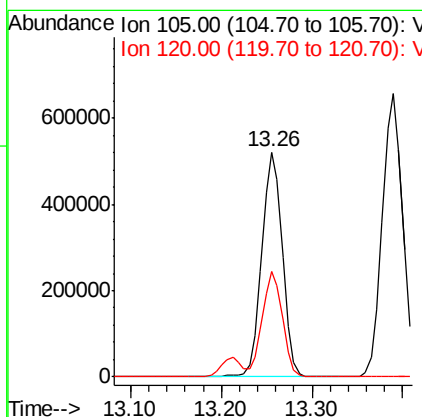
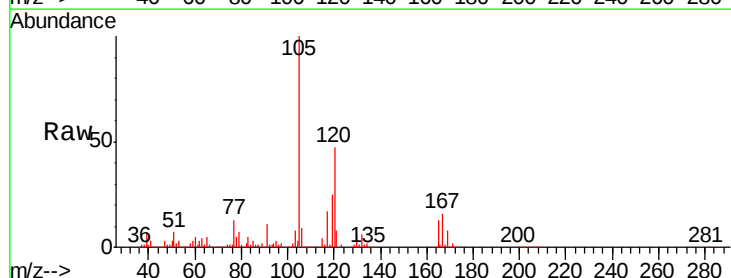
RT: 13.26 min Scan# 1862

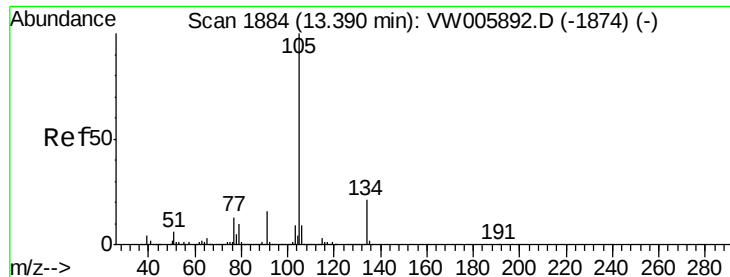
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.3





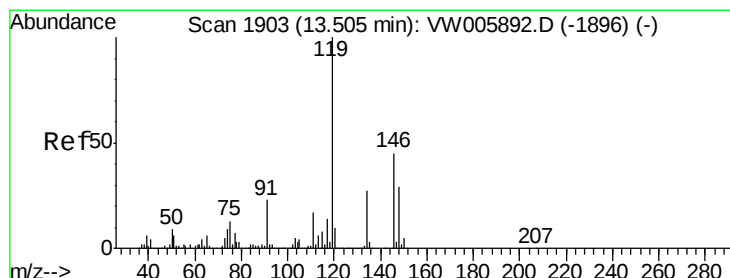
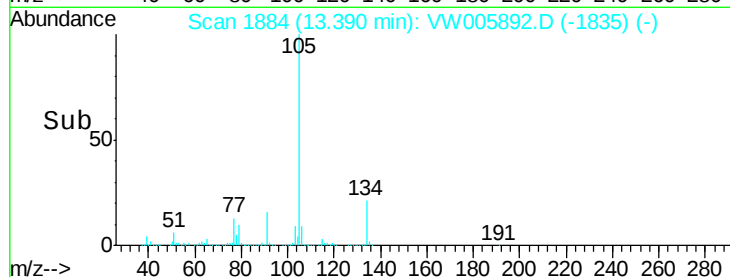
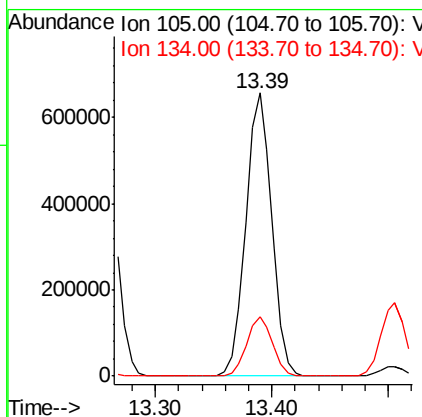
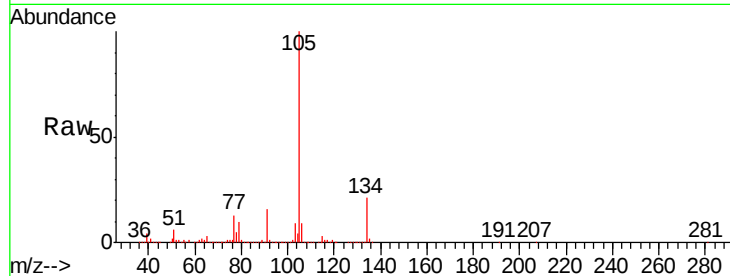
#85
 sec-Butylbenzene
 Concen: 50.80 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 1016051
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4

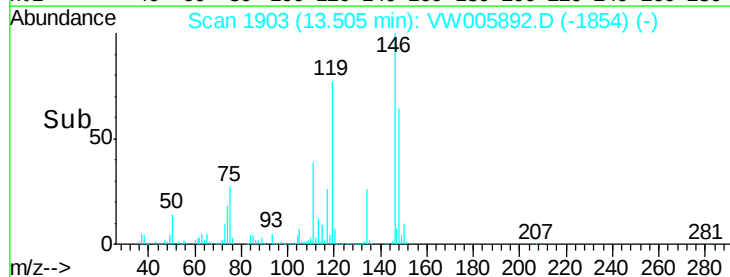
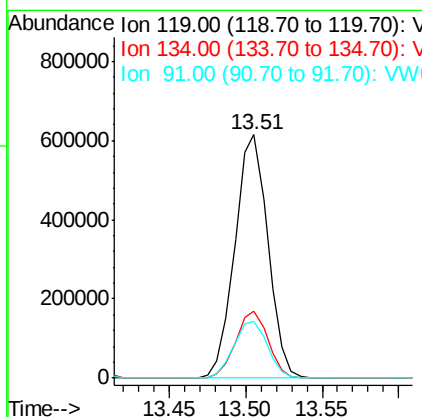
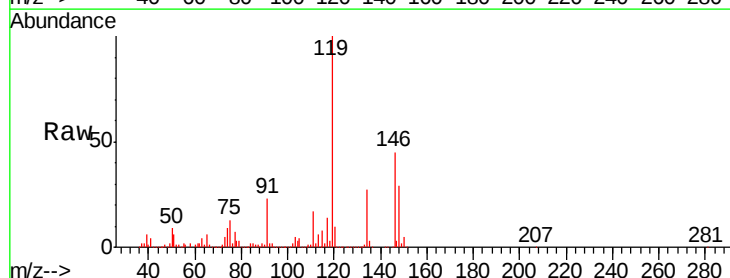
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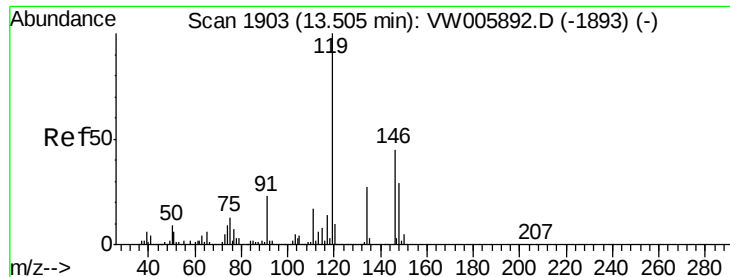
apatel
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#86
 p-Isopropyltoluene
 Concen: 51.05 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion:119 Resp: 918214
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.7 11.9 35.5





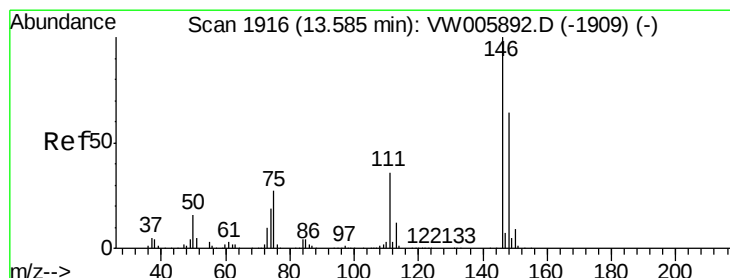
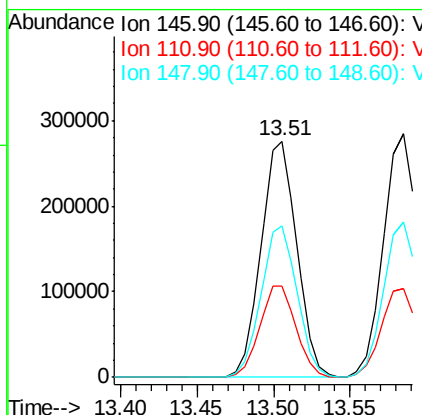
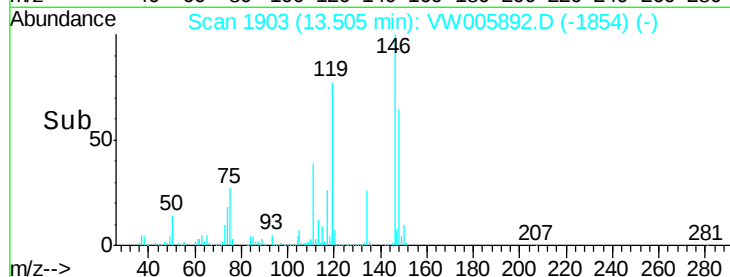
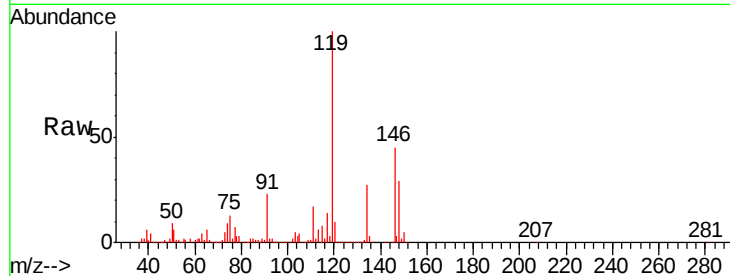
#87
 1,3-Dichlorobenzene
 Concen: 50.44 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	64.3	32.1	96.5

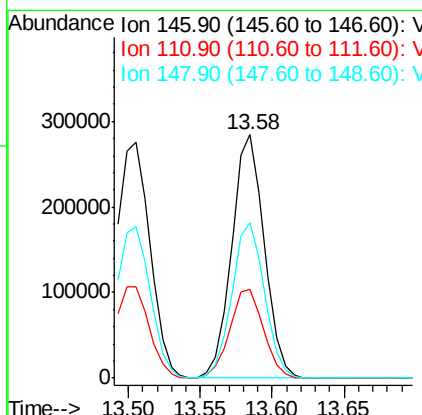
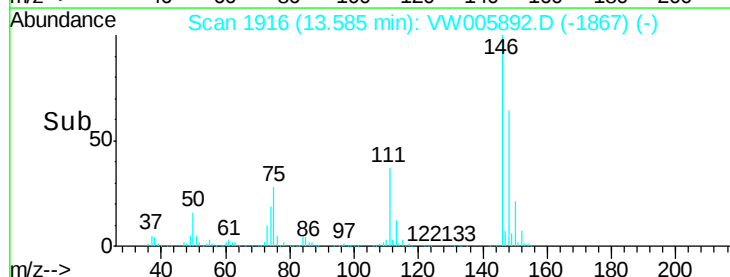
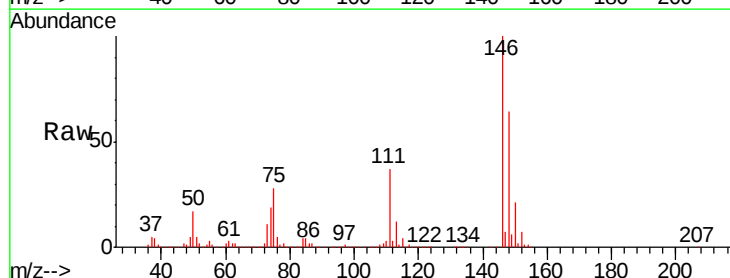
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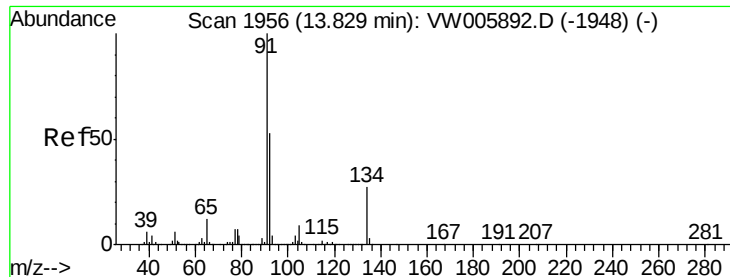
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.43 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.1	32.0	96.2





#89

n-Butylbenzene

Concen: 50.95 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

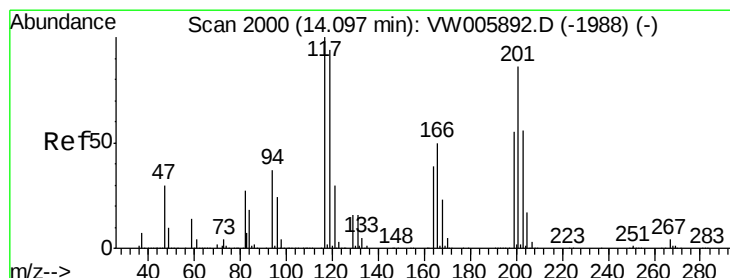
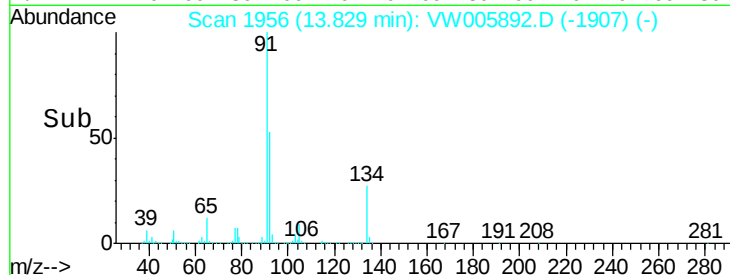
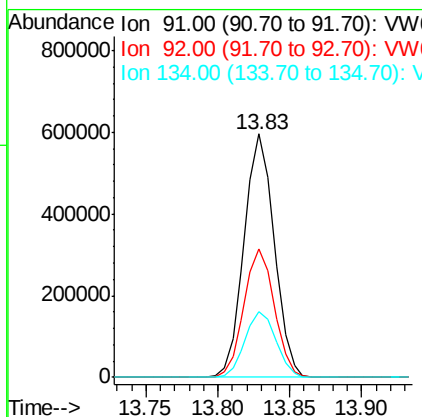
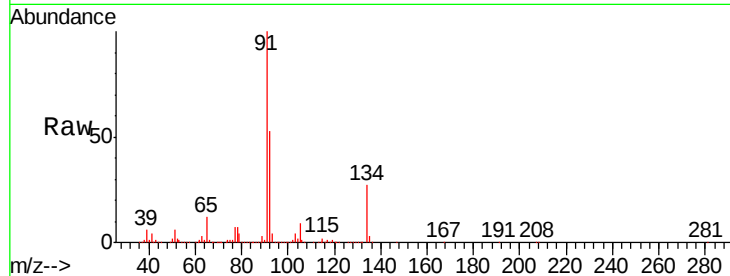
ClientSampleId :

VSTDICCC050

Tgt Ion:	91	Resp:	863844
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.6	79.8
134	27.6	13.8	41.4

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#90

Hexachloroethane

Concen: 50.78 ug/l

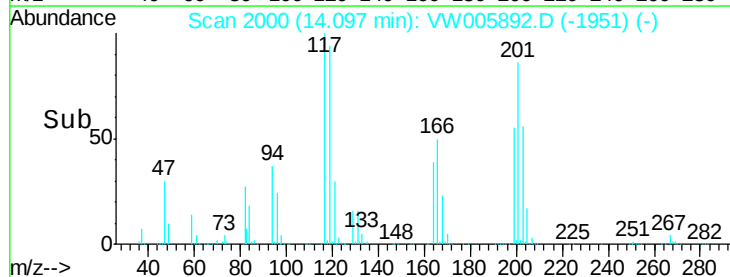
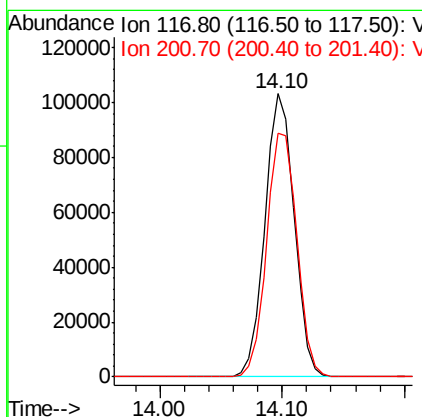
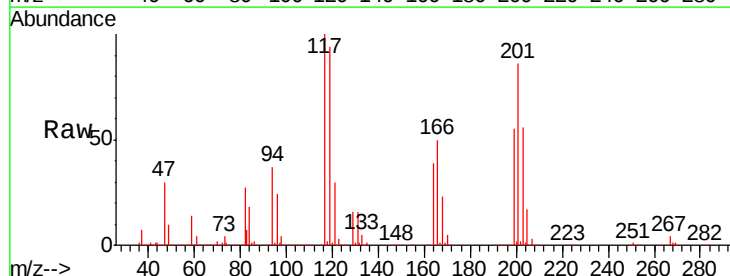
RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	117	Resp:	171766
Ion Ratio	Lower	Upper	
117	100		
201	89.0	44.5	133.5





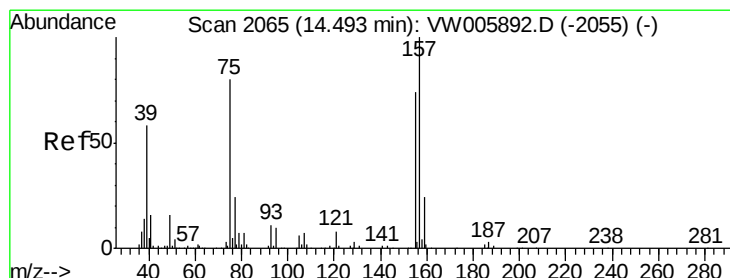
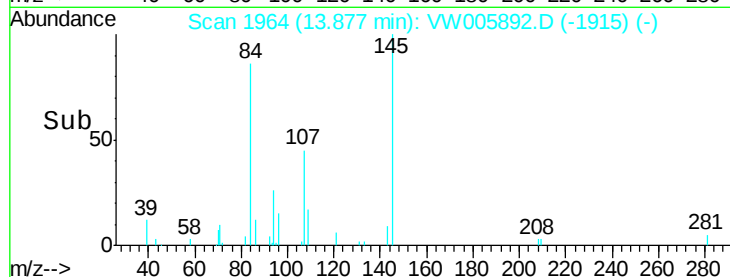
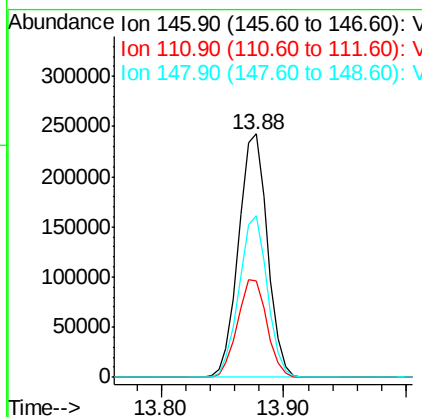
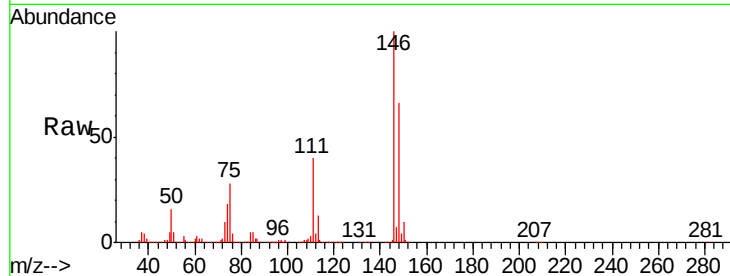
#91
 1,2-Dichlorobenzene
 Concen: 50.09 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	397186		
111	40.7	20.3	61.0	
148	64.9	32.5	97.4	

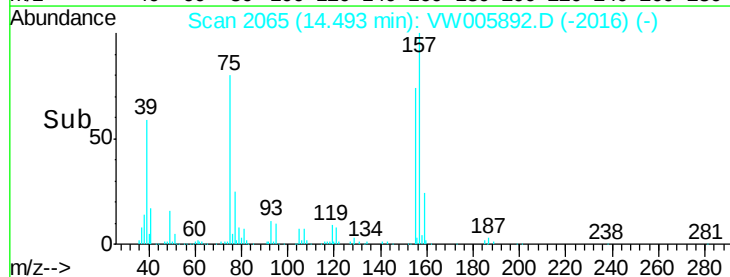
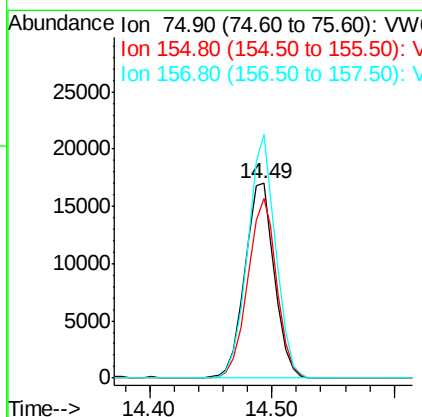
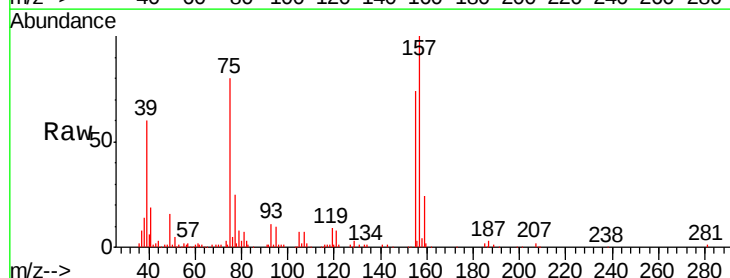
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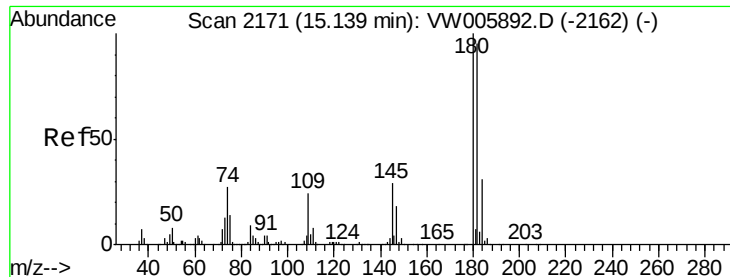
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.40 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28631		
155	89.5	44.8	134.3	
157	117.7	58.9	176.6	





#93

1,2,4-Trichlorobenzene

Concen: 50.63 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

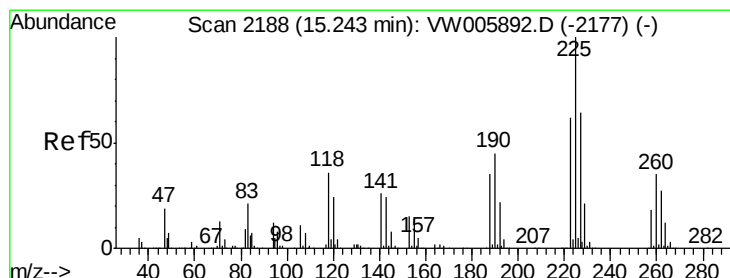
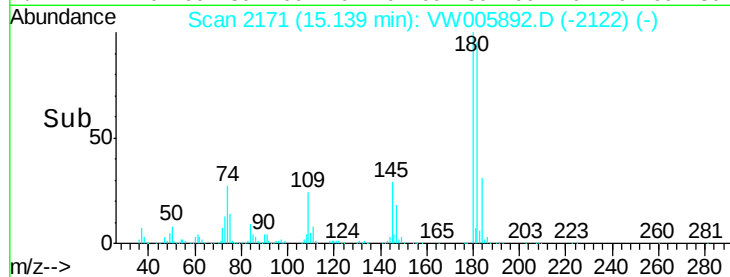
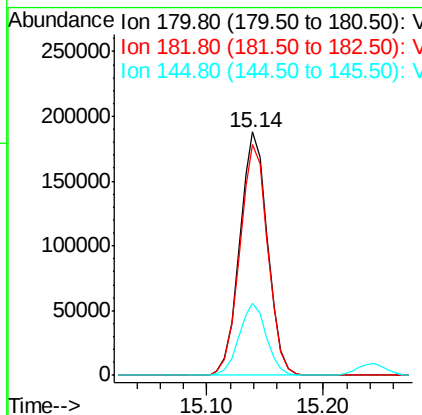
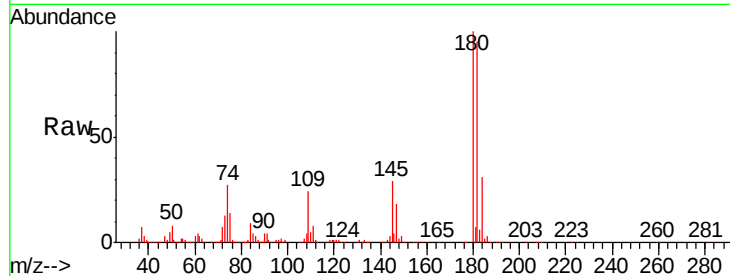
ClientSampleId :

VSTDICCC050

Tgt Ion:	180	Resp:	311270
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.8	143.3
145	29.1	14.5	43.6

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 51.41 ug/l

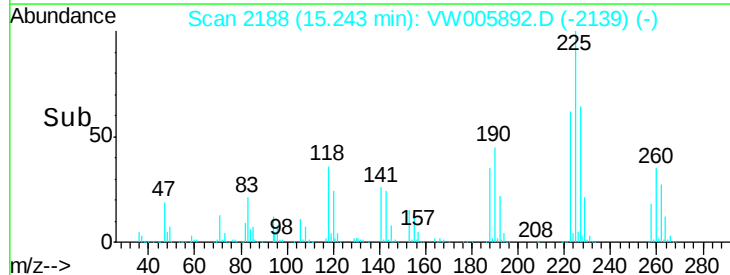
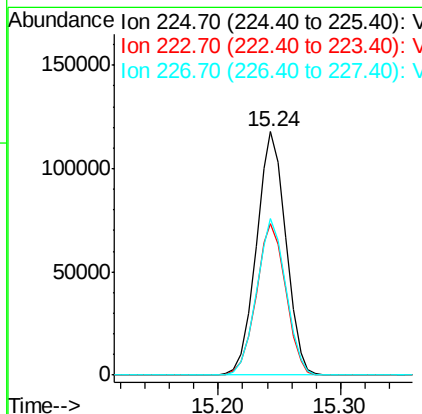
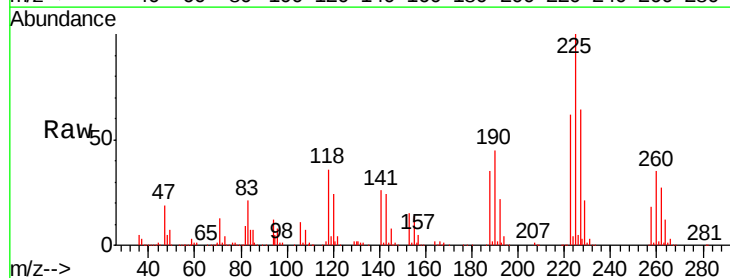
RT: 15.24 min Scan# 2188

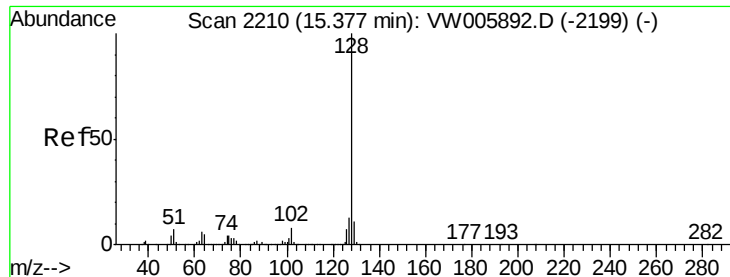
Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion:	225	Resp:	197282
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.2	93.6
227	63.9	31.9	95.9





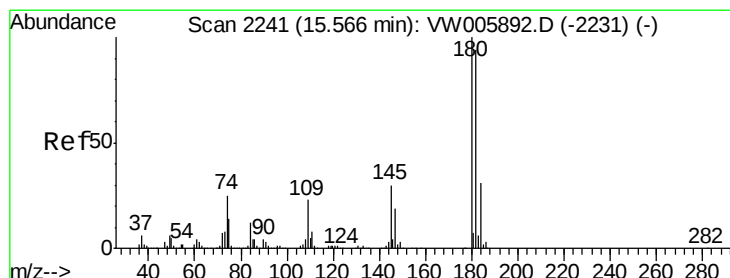
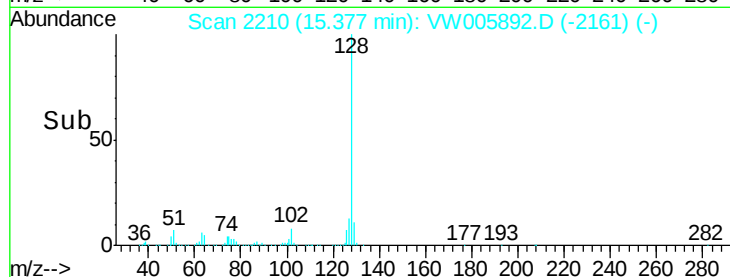
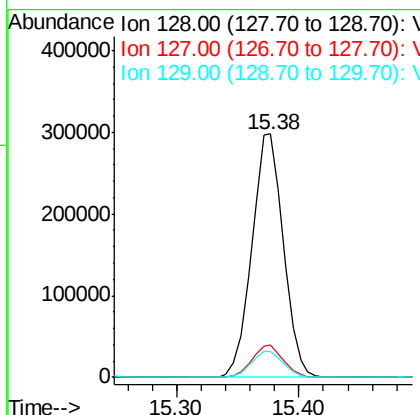
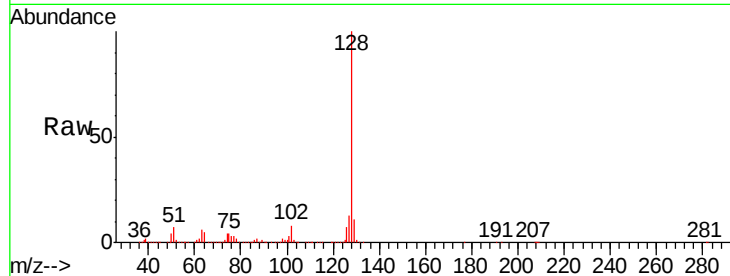
#95
Naphthalene
Concen: 50.40 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	534144		
127	13.1	10.5	15.7	
129	11.1	8.9	13.3	

Manual Integrations
APPROVED

apatel
10/9/2018 4:12:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.72 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270032		
182	95.2	47.6	142.8	
145	30.6	15.3	45.9	

