

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005896.D
 Acq On : 08 Oct 2018 15:34
 Operator : SY/AP
 Sample : VW1008SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Manual Integrations
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Quant Time: Oct 09 07:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	321312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	463307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	228025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147308	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	7.88	113	150774	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.32	98	591067	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	217510	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30347	19.27	ug/l	100
3) Chloromethane	2.21	50	34892	18.84	ug/l	100
4) Vinyl Chloride	2.37	62	57476	19.55	ug/l	99
5) Bromomethane	2.78	94	47336	20.40	ug/l	98
6) Chloroethane	2.92	64	37438	19.98	ug/l	96
7) Trichlorofluoromethane	3.25	101	45130	19.34	ug/l	98
8) Diethyl Ether	3.67	74	27018	18.81	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54949	18.66	ug/l	98
10) Methyl Iodide	4.26	142	88358	18.34	ug/l	99
11) Tert butyl alcohol	5.23	59	18051	78.96	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	52038	18.40	ug/l	95
13) Acrolein	3.89	56	18237	89.52	ug/l	99
14) Allyl chloride	4.66	41	85242	17.67	ug/l	99
15) Acrylonitrile	5.37	53	53329	85.31	ug/l	99
16) Acetone	4.14	43	57513	92.31	ug/l	100
17) Carbon Disulfide	4.37	76	147118	17.20	ug/l	99
18) Methyl Acetate	4.68	43	24647	15.68	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	81042	18.42	ug/l	96
20) Methylene Chloride	4.90	84	58329	18.69	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	57638	18.70	ug/l	97
22) Diisopropyl ether	6.31	45	165471	18.35	ug/l	98
23) Vinyl Acetate	6.25	43	490181	88.32	ug/l	99
24) 1,1-Dichloroethane	6.21	63	101545	18.40	ug/l	99
25) 2-Butanone	7.18	43	76034	85.80	ug/l	100
26) 2,2-Dichloropropane	7.17	77	73552	18.94	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	64540	18.51	ug/l	99
28) Bromochloromethane	7.51	49	39055	19.17	ug/l	100
29) Tetrahydrofuran	7.54	42	45077	80.47	ug/l	98
30) Chloroform	7.67	83	106585	18.80	ug/l	99
31) Cyclohexane	7.95	56	98297	18.00	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	95416	18.90	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82762	18.64	ug/l	99
37) Ethyl Acetate	7.26	43	32858	17.48	ug/l	98
38) Carbon Tetrachloride	8.07	117	91362	19.16	ug/l	99

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Manual Integrations
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Quant Time: Oct 09 07:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110928	18.94	ug/l	99
40) Benzene	8.32	78	230404	18.96	ug/l	99
41) Methacrylonitrile	7.49	41	21395	18.18	ug/l	99
42) 1,2-Dichloroethane	8.40	62	66749	18.18	ug/l	98
43) Isopropyl Acetate	8.43	43	68729	17.50	ug/l	99
44) Trichloroethene	9.09	130	69143	19.61	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57227	18.82	ug/l	97
46) Dibromomethane	9.46	93	31107	18.61	ug/l	98
47) Bromodichloromethane	9.65	83	78314	18.62	ug/l	98
48) Methyl methacrylate	9.44	41	31747	16.97	ug/l	97
49) 1,4-Dioxane	9.48	88	9169	361.12	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	165898	86.75	ug/l	100
52) Toluene	10.39	92	151647	19.00	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	79128	18.00	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91301	18.48	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42411	18.32	ug/l	98
56) Ethyl methacrylate	10.65	69	54837	17.57	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70714	18.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121716	95.86	ug/l	100
59) 2-Hexanone	10.97	43	121605	88.69	ug/l	99
60) Dibromochloromethane	11.13	129	55349	18.53	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41191	17.80	ug/l	98
64) Tetrachloroethene	10.87	164	58980	18.73	ug/l	99
65) Chlorobenzene	11.66	112	172425	19.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	63944	19.27	ug/l	99
67) Ethyl Benzene	11.73	91	308772	19.31	ug/l	99
68) m/p-Xylenes	11.84	106	239753	38.37	ug/l	100
69) o-Xylene	12.17	106	113074	18.90	ug/l	100
70) Styrene	12.18	104	188677	19.01	ug/l	99
71) Bromoform	12.35	173	35423	17.92	ug/l #	99
73) Isopropylbenzene	12.47	105	322133	19.34	ug/l	100
74) N-amyl acetate	12.27	43	68871	17.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48709	17.85	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	37662m	18.49	ug/l	
77) Bromobenzene	12.75	156	76601	19.42	ug/l	97
78) n-propylbenzene	12.81	91	378260	19.31	ug/l	100
79) 2-Chlorotoluene	12.90	91	210434	19.03	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	272191	19.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16233	16.82	ug/l	100
82) 4-Chlorotoluene	12.99	91	220536	18.95	ug/l	99
83) tert-Butylbenzene	13.21	119	242231	19.37	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	276104	19.47	ug/l	100
85) sec-Butylbenzene	13.39	105	345683	19.69	ug/l	100
86) p-Isopropyltoluene	13.51	119	309470	19.61	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	153226	19.55	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151910	19.50	ug/l	100
89) n-Butylbenzene	13.83	91	289368	19.45	ug/l	100
90) Hexachloroethane	14.10	117	55609	18.73	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	135186	19.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8579	16.87	ug/l	98

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ClientSampleId :
VW1008SBS01

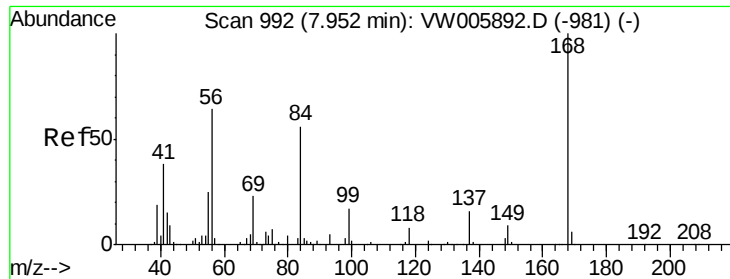
Manual Integrations
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Quant Time: Oct 09 07:02:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103082	19.10	ug/l	99
94) Hexachlorobutadiene	15.24	225	65677	19.50	ug/l	99
95) Naphthalene	15.38	128	171254	18.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89019	19.05	ug/l	100

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



#1

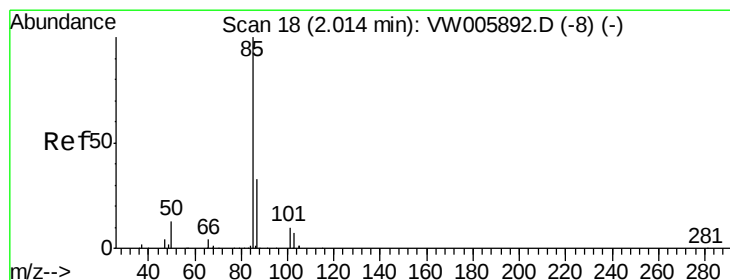
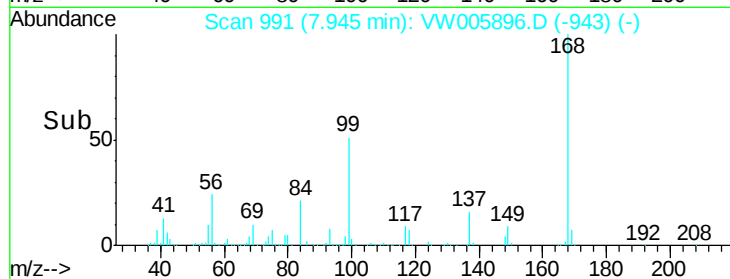
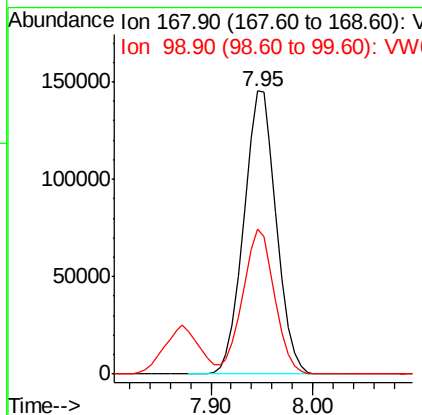
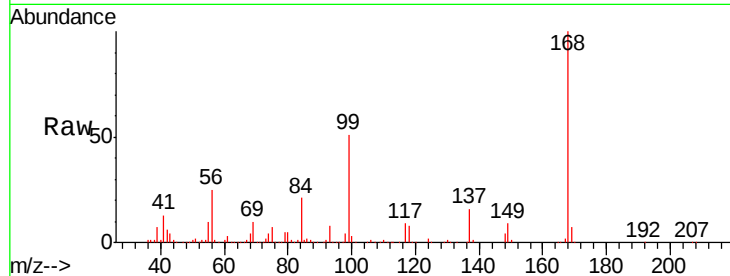
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.3	40.9	61.3

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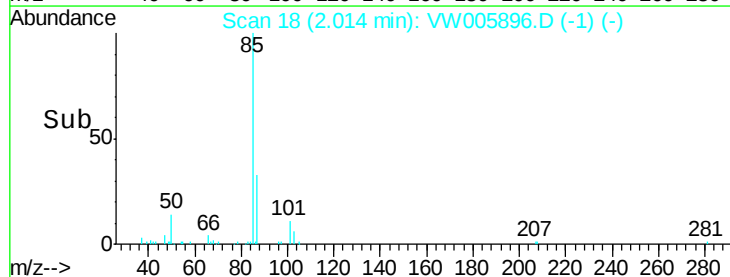
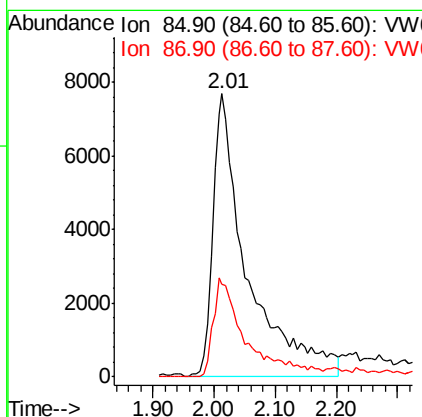
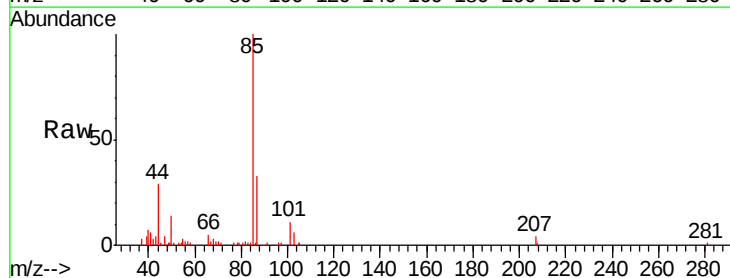
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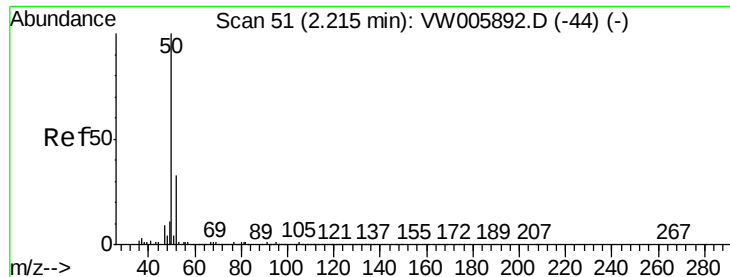


#2

Dichlorodifluoromethane
 Concen: 19.27 ug/l
 RT: 2.01 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.8





#3

Chloromethane

Concen: 18.84 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 50 Resp: 34892

Ion Ratio Lower Upper

50 100

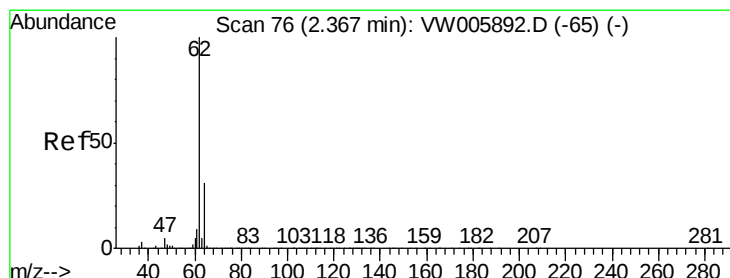
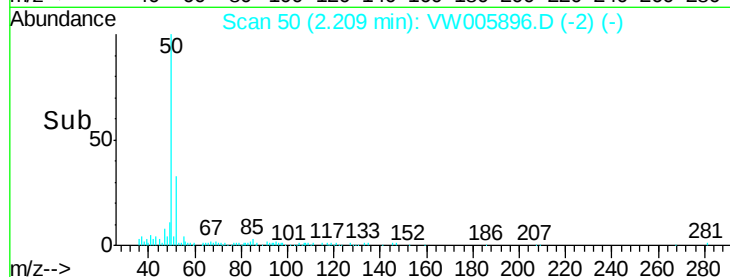
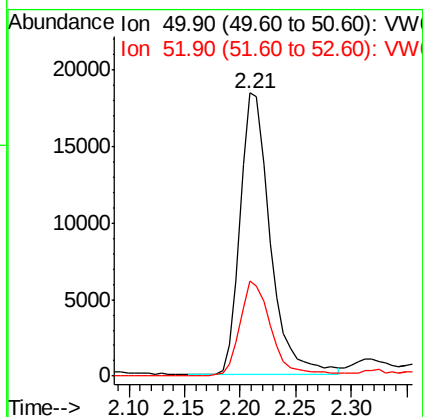
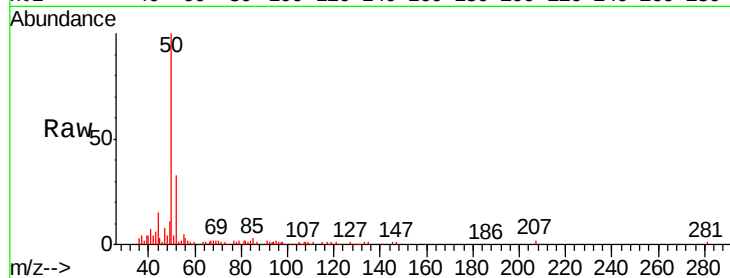
52 33.6 26.7 40.1

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#4

Vinyl Chloride

Concen: 19.55 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005896.D

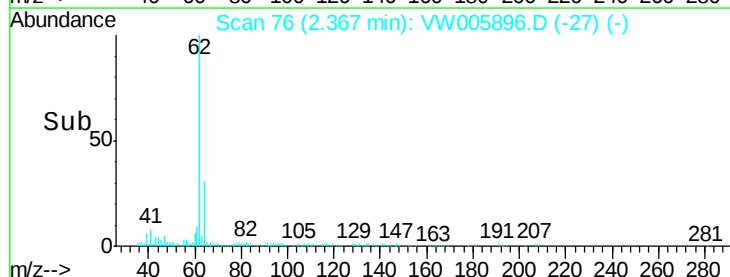
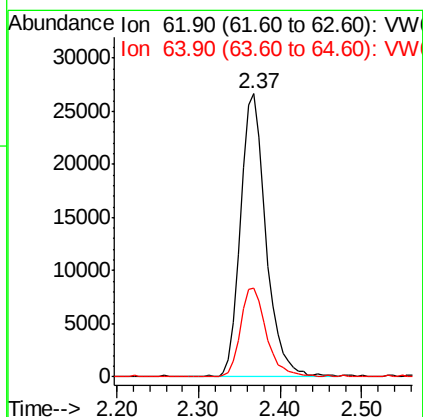
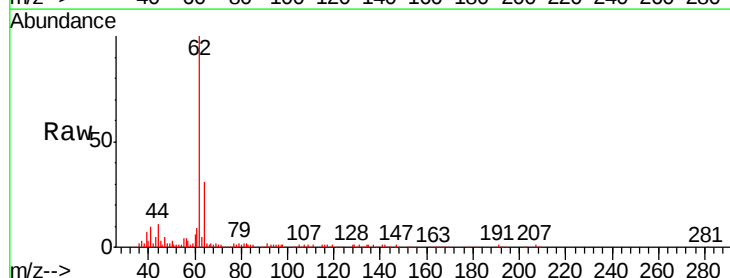
Acq: 08 Oct 2018 15:34

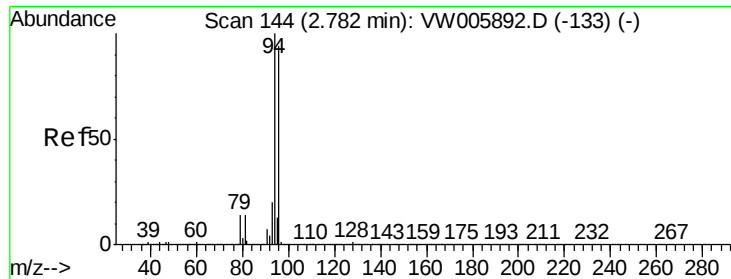
Tgt Ion: 62 Resp: 57476

Ion Ratio Lower Upper

62 100

64 31.1 24.6 36.8





#5

Bromomethane

Concen: 20.40 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 94 Resp: 47336

Ion Ratio Lower Upper

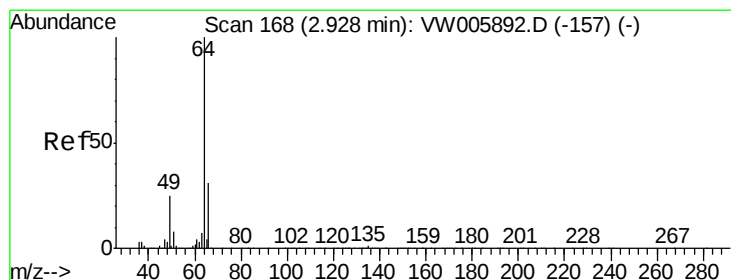
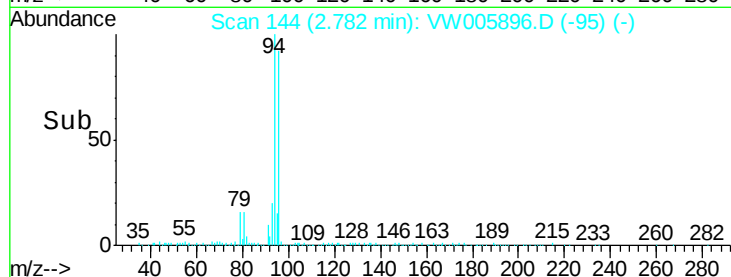
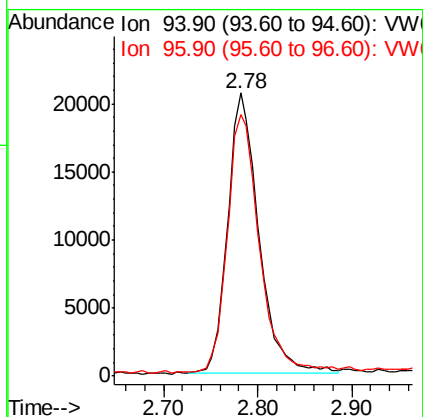
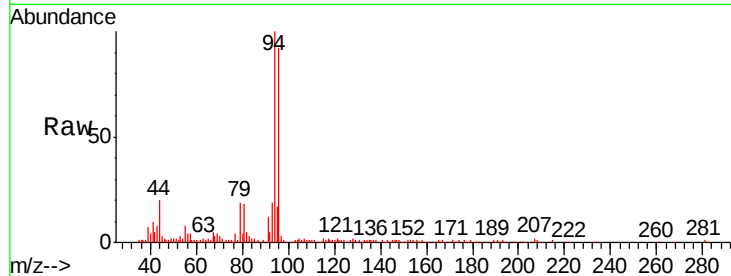
94 100

96 91.8 75.0 112.4

Manual Integrations
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#6

Chloroethane

Concen: 19.98 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005896.D

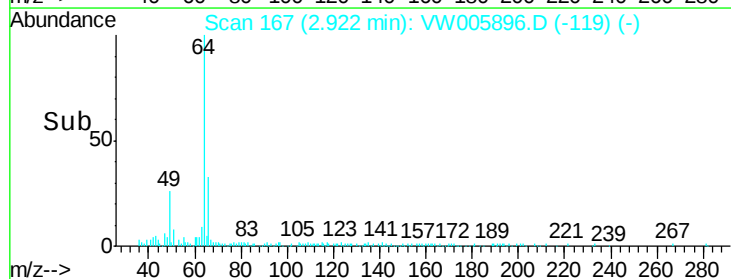
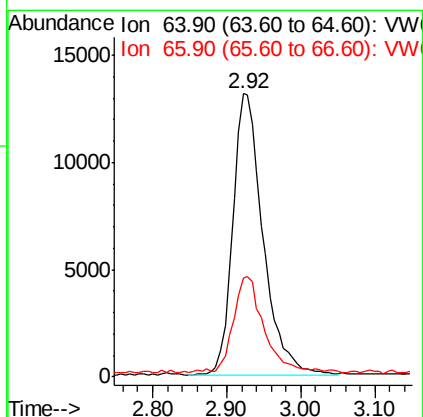
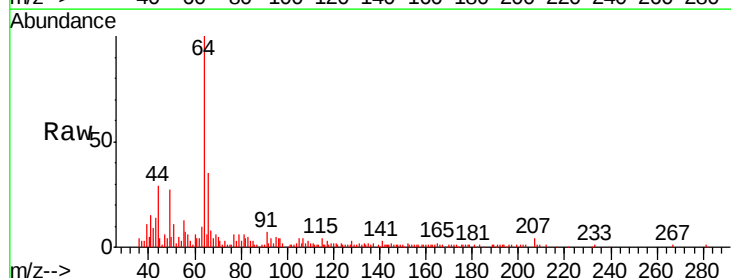
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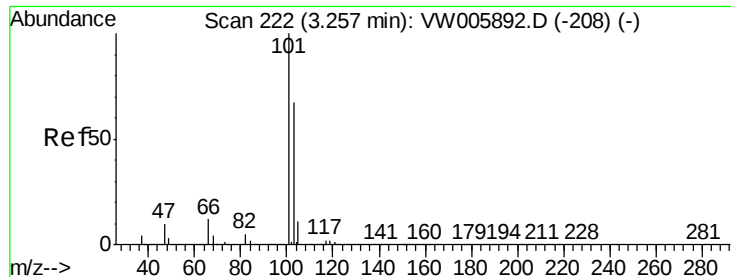
Tgt Ion: 64 Resp: 37438

Ion Ratio Lower Upper

64 100

66 33.3 25.0 37.4





#7

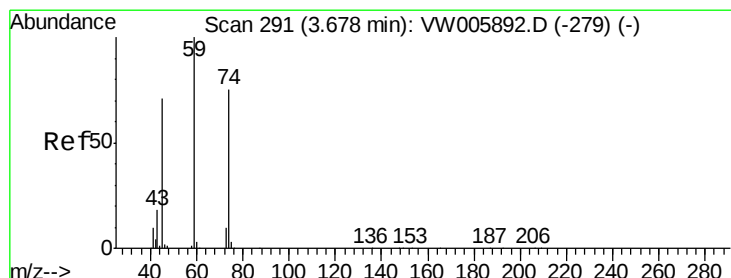
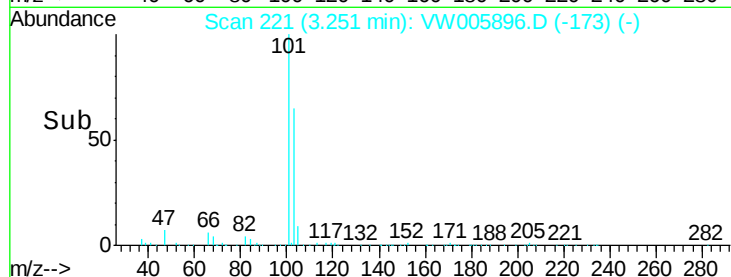
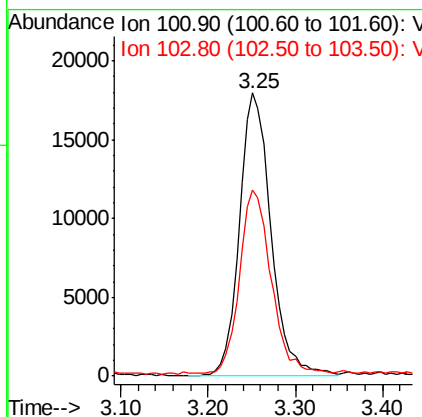
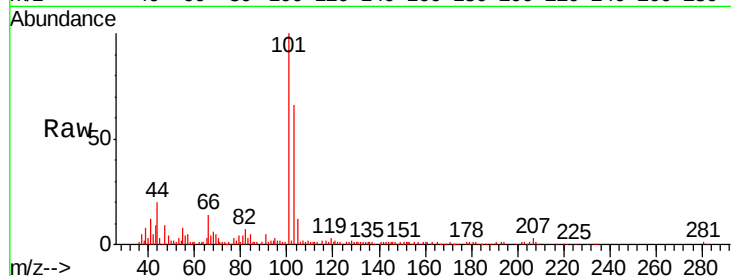
Trichlorofluoromethane
 Concen: 19.34 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
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 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.5	80.3

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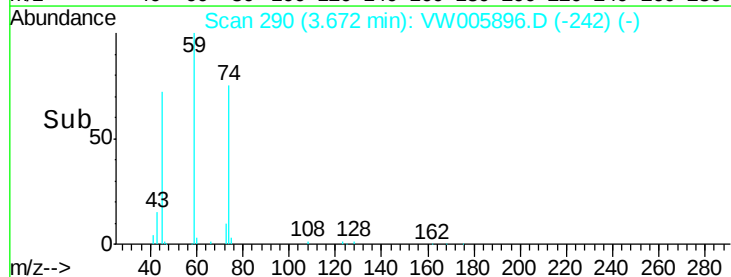
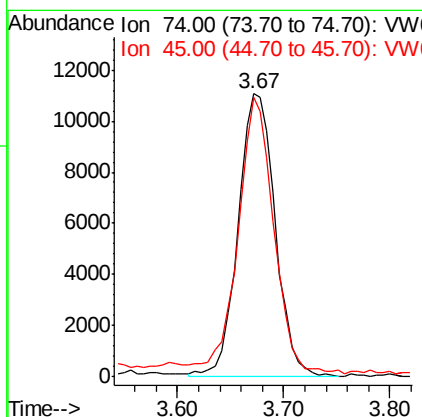
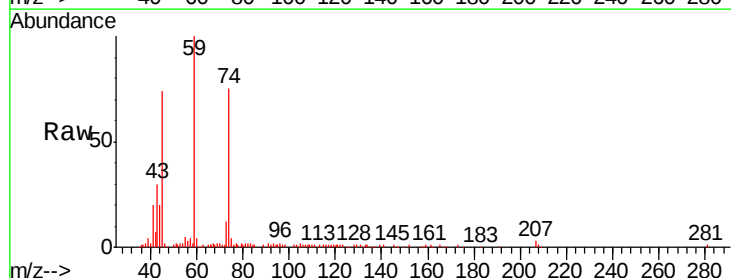
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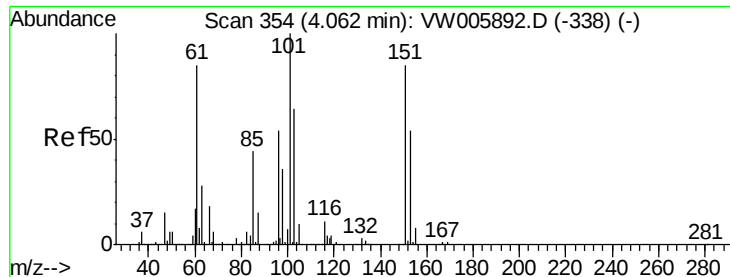


#8

Diethyl Ether
 Concen: 18.81 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.4	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.66 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

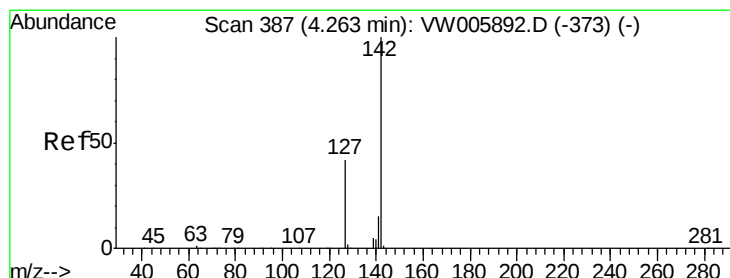
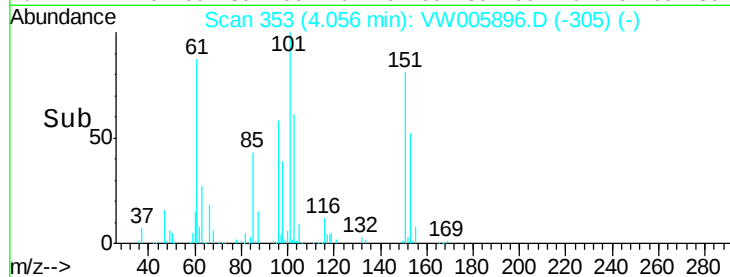
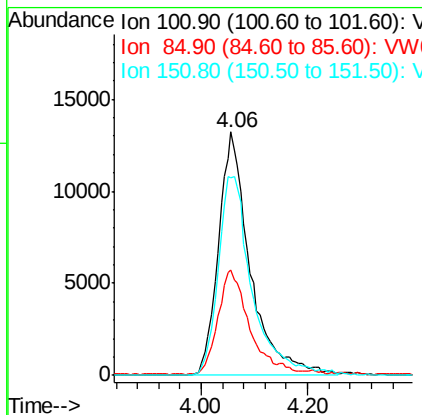
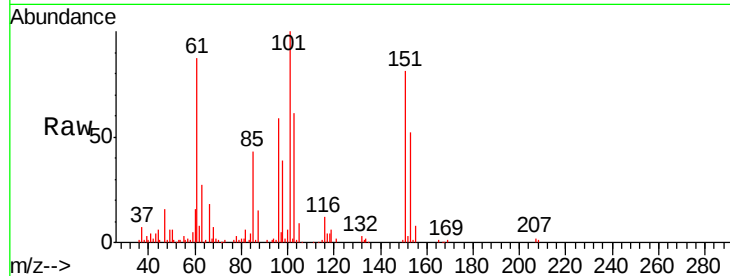
ClientSampleId :

VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	54949		
85	44.1	35.1	52.7	
151	87.2	67.7	101.5	

Manual Integrations
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#10

Methyl Iodide

Concen: 18.34 ug/l

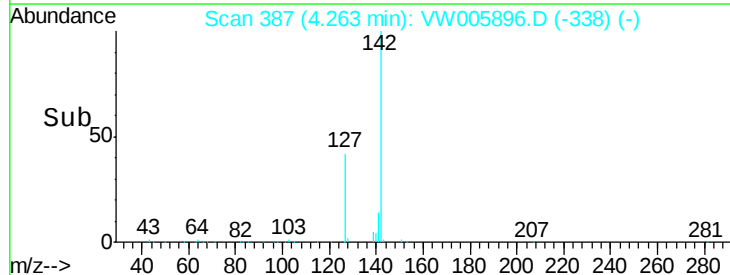
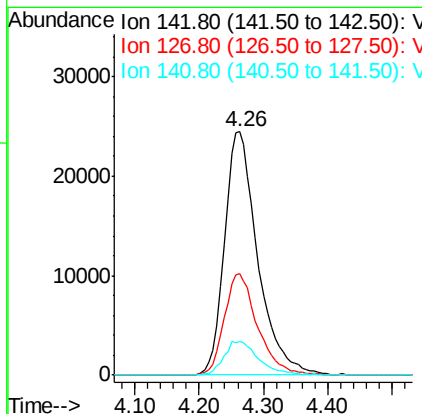
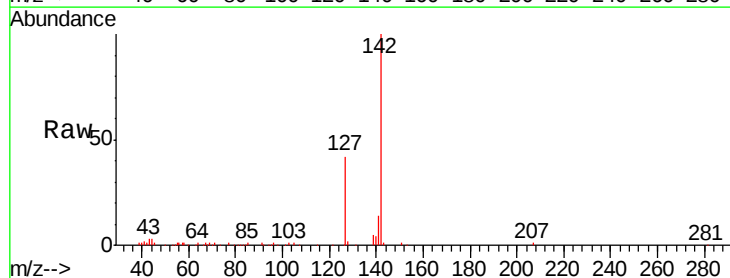
RT: 4.26 min Scan# 387

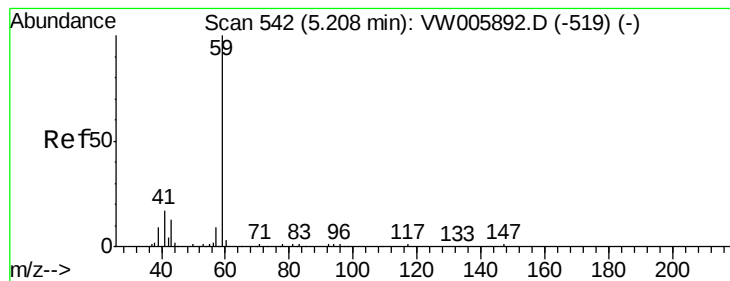
Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	88358		
127	41.8	33.7	50.5	
141	14.7	11.5	17.3	





#11

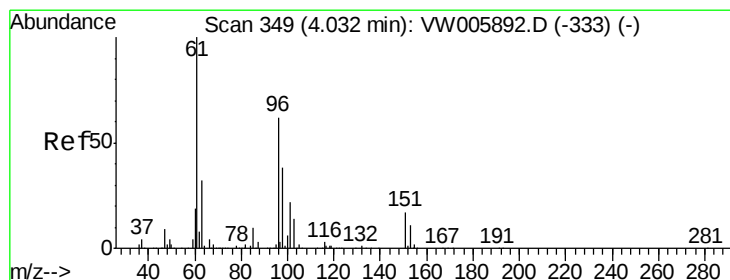
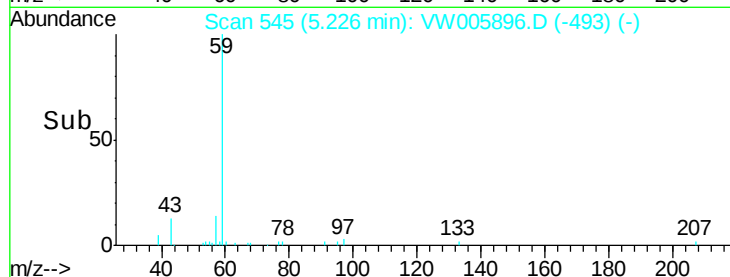
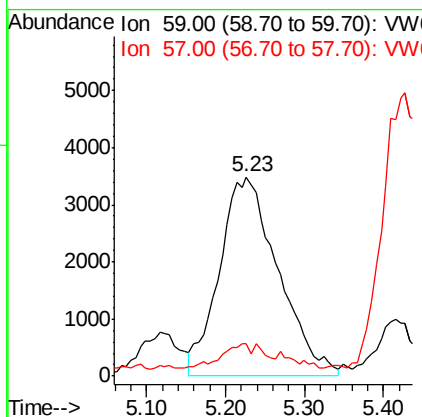
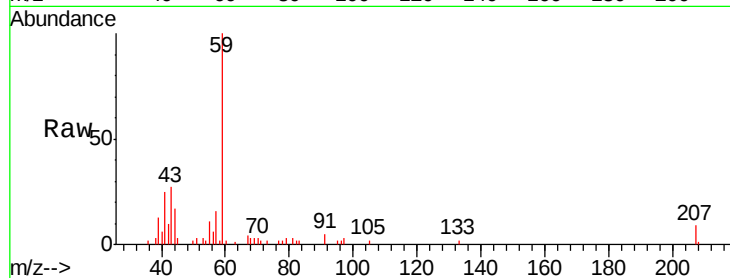
Tert butyl alcohol
Concen: 78.96 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.02 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampled :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.1	7.7	11.5#

Manual Integrations
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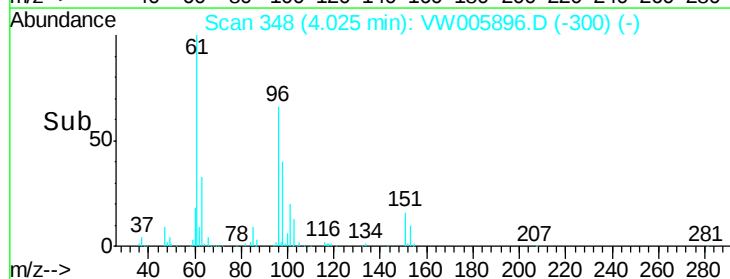
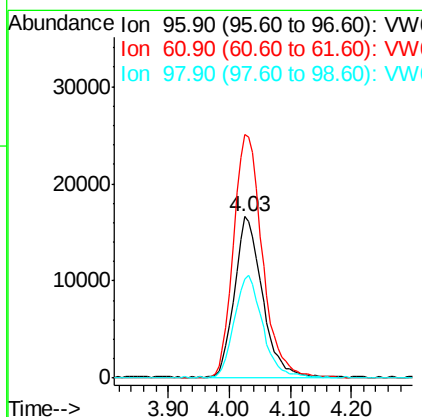
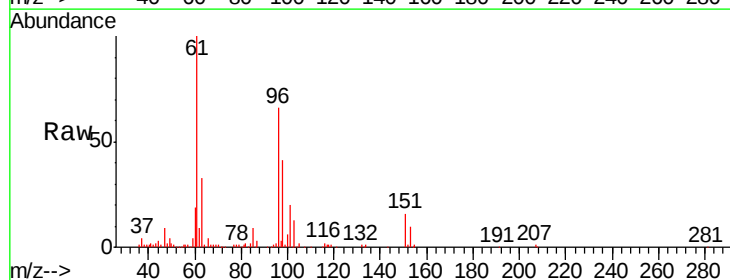
apatel
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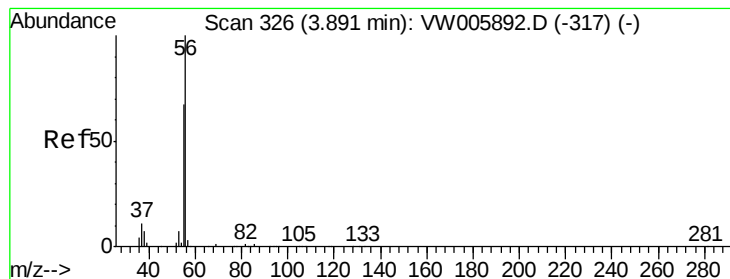


#12

1,1-Dichloroethene
Concen: 18.40 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	128.6	193.0
98	61.1	49.4	74.0





#13

Acrolein

Concen: 89.52 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 56 Resp: 18237

Ion Ratio Lower Upper

56 100

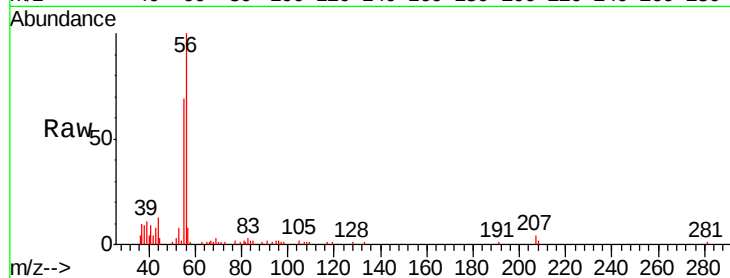
55 69.0 54.6 82.0

Manual Integrations

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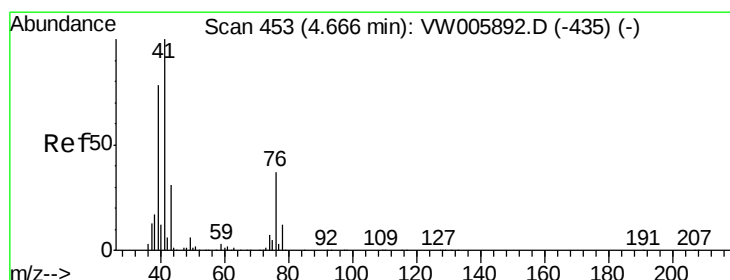
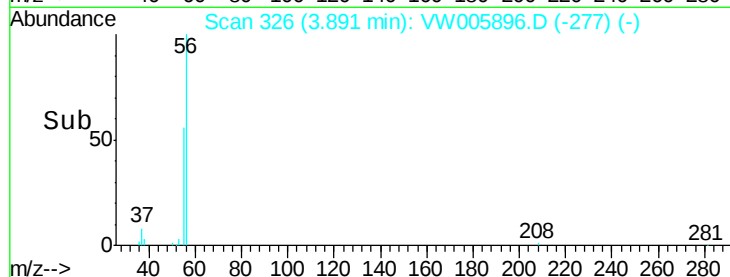
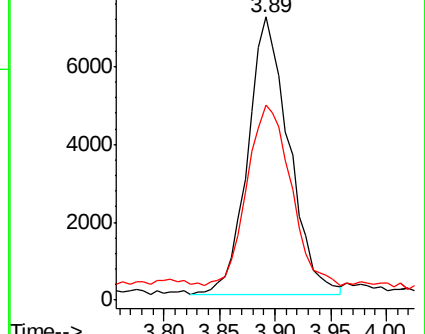
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 17.67 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

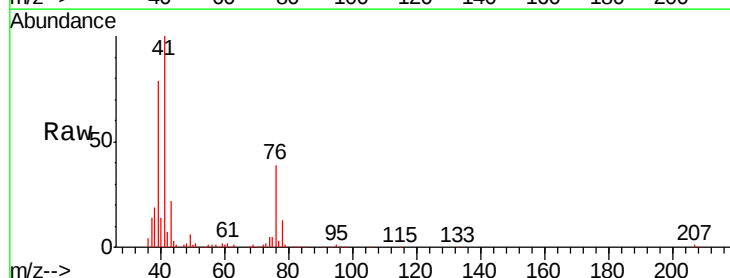
Tgt Ion: 41 Resp: 85242

Ion Ratio Lower Upper

41 100

39 75.2 60.8 91.2

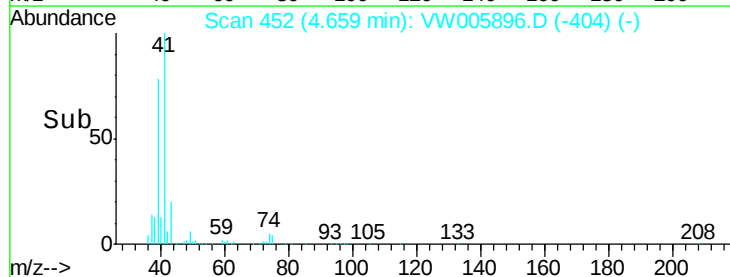
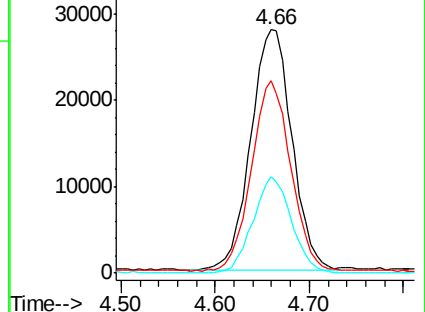
76 37.6 29.6 44.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 85.31 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

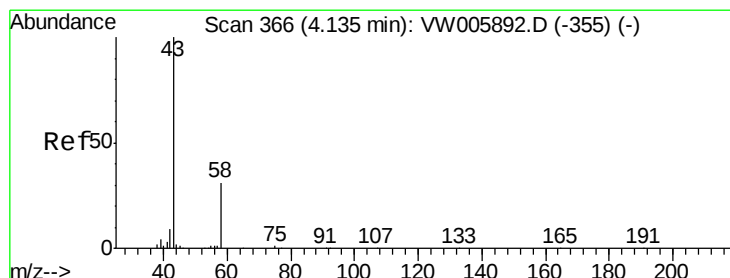
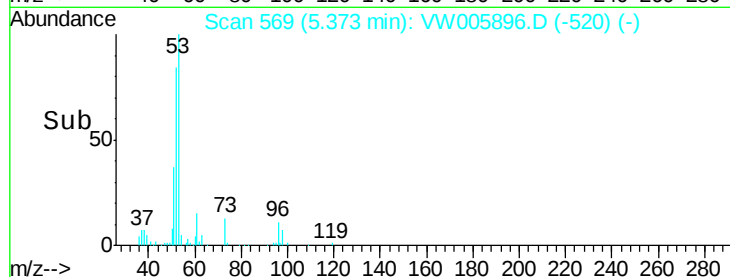
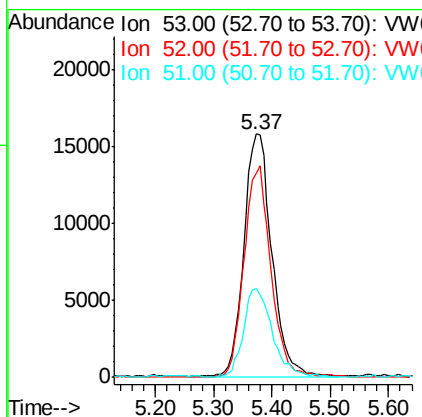
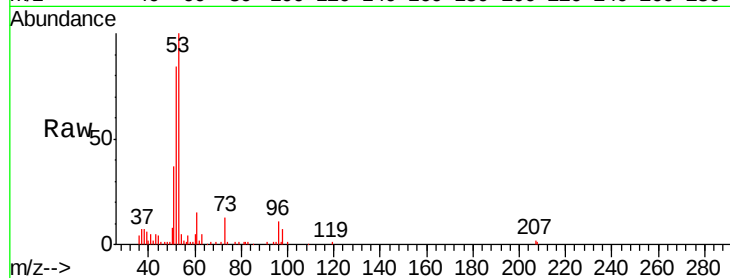
ClientSampleId :

VW1008SBS01

Tgt Ion:	53	Resp:	53329
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.8	100.2
51	37.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 92.31 ug/l

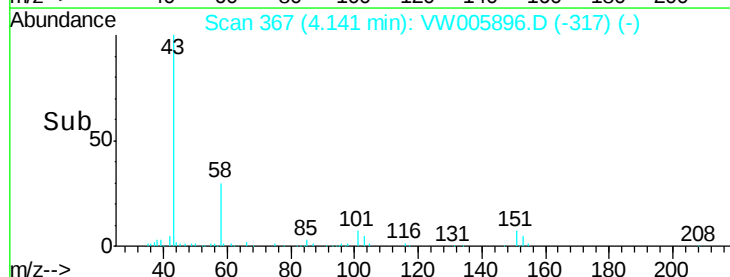
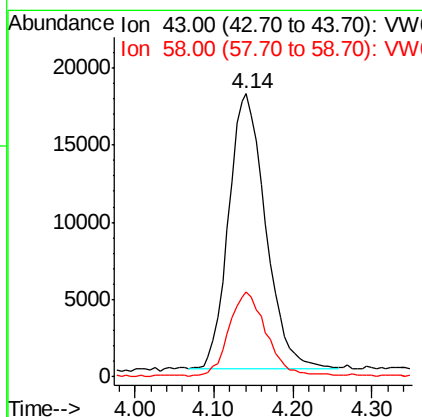
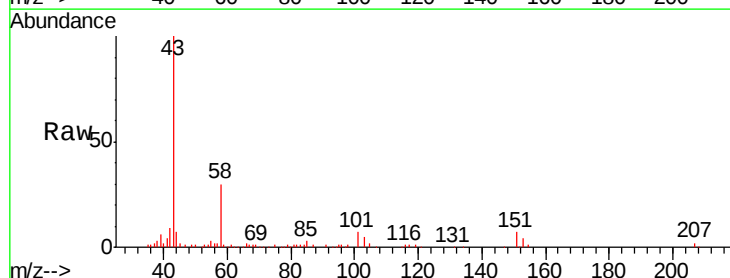
RT: 4.14 min Scan# 367

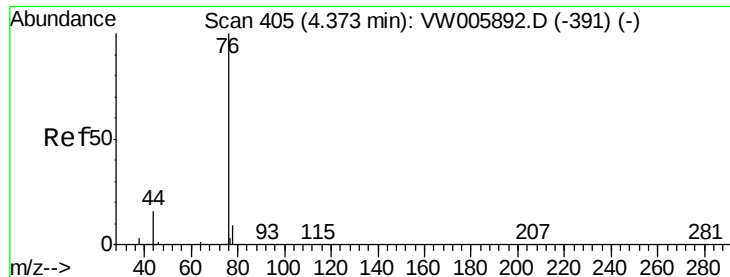
Delta R.T. 0.01 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion:	43	Resp:	57513
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.7	37.1





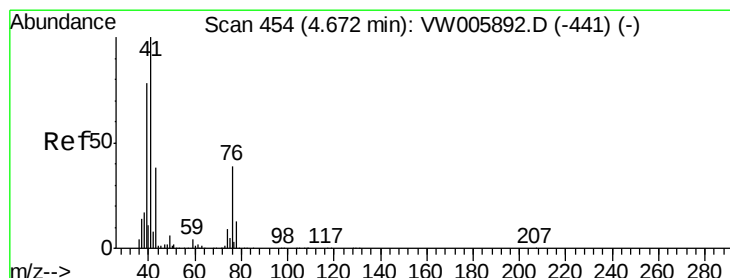
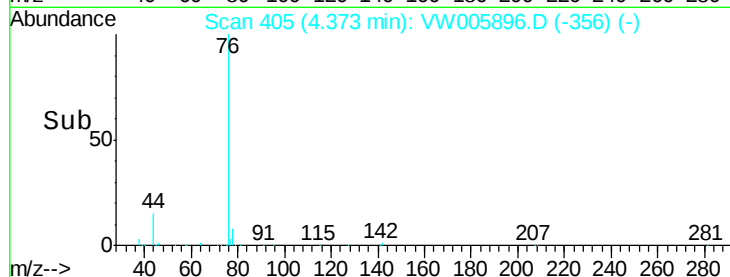
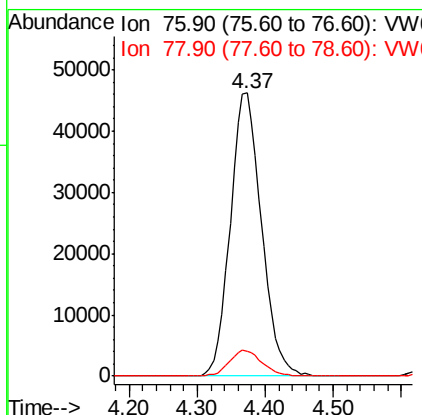
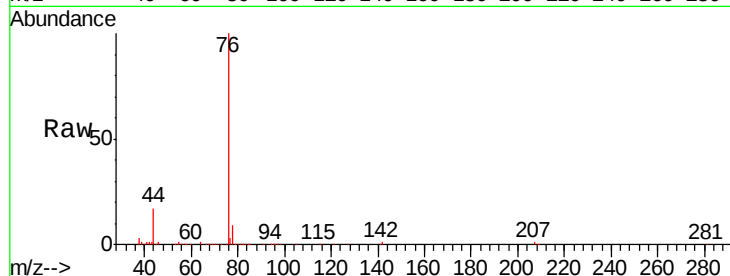
#17
Carbon Disulfide
Concen: 17.20 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

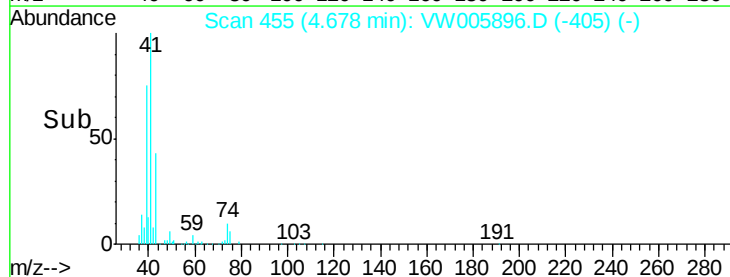
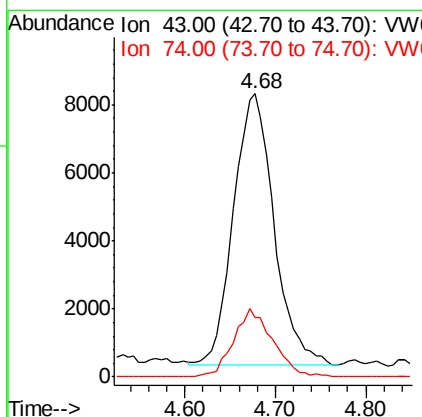
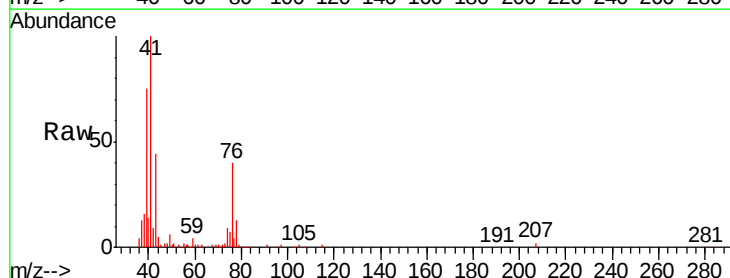
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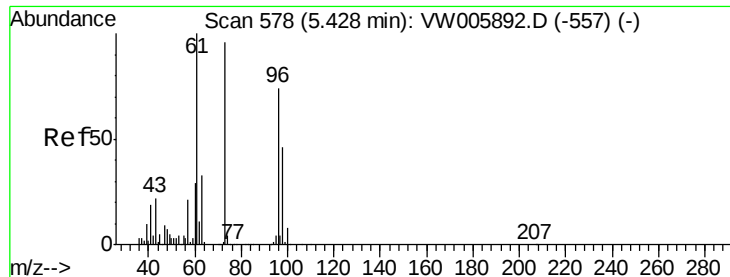
apatel
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#18
Methyl Acetate
Concen: 15.68 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.2	28.8





#19

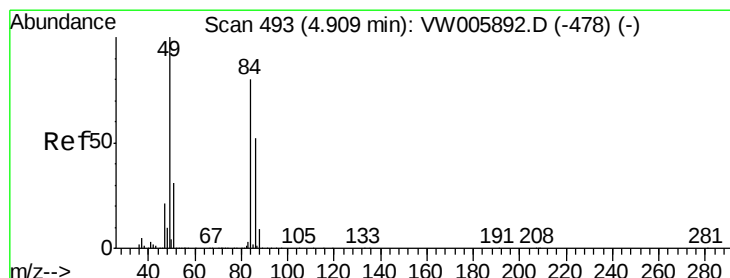
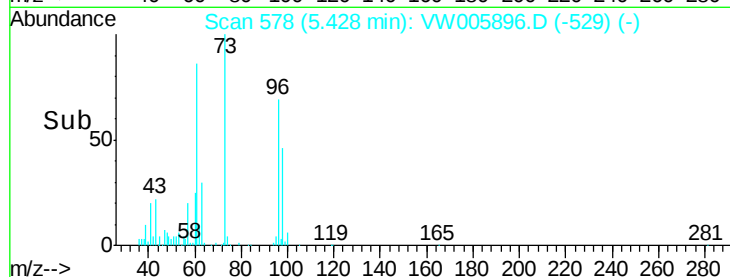
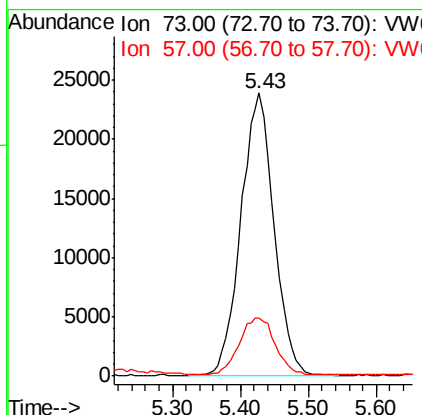
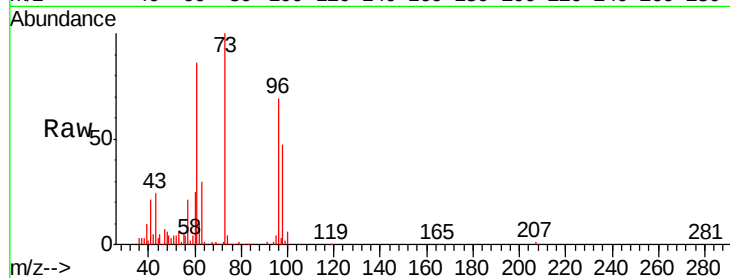
Methyl tert-butyl Ether
 Concen: 18.42 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.7	26.5

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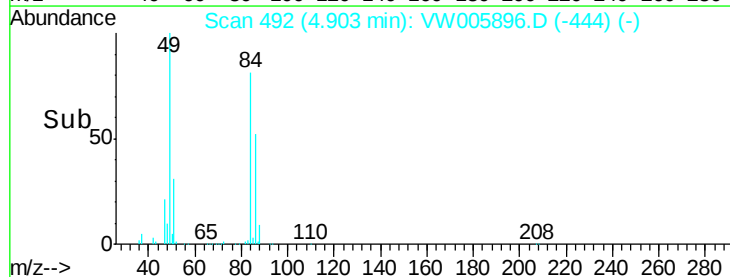
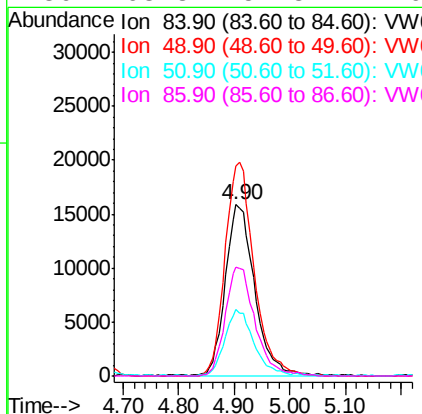
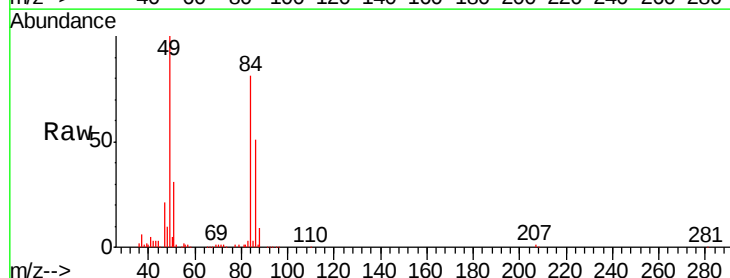
apatel
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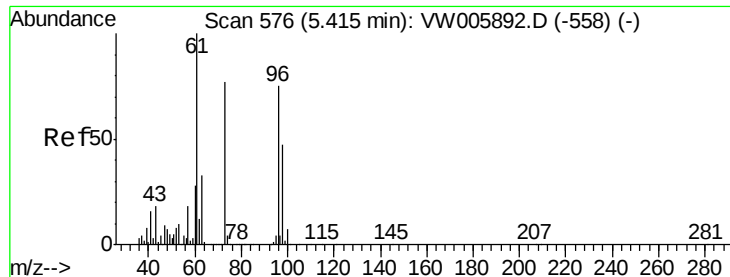


#20

Methylene Chloride
 Concen: 18.69 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	99.9	149.9
51	38.6	31.1	46.7
86	63.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.70 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

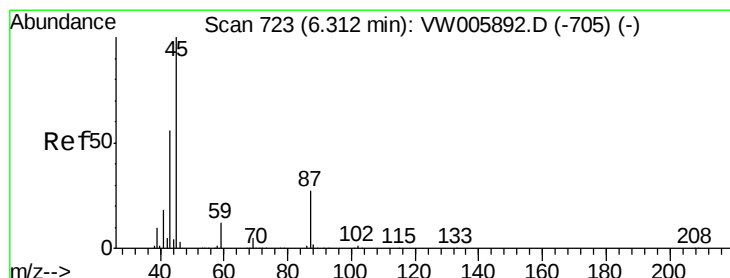
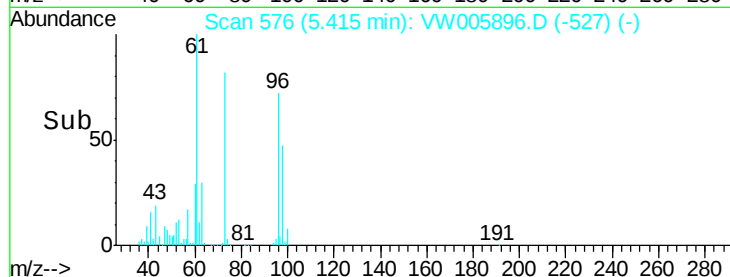
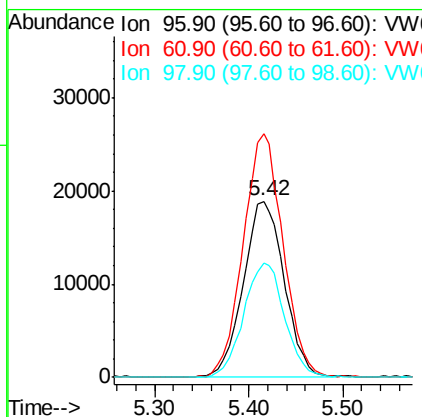
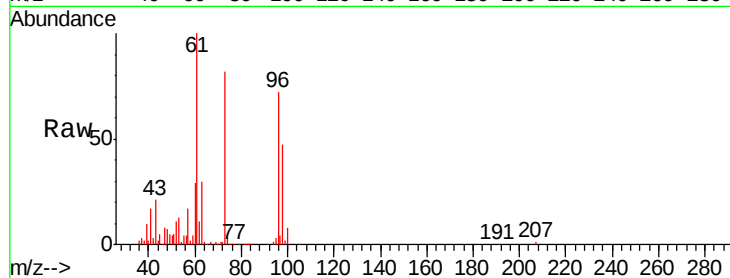
ClientSampleId :

VW1008SBS01

Tgt Ion:	96	Resp:	57638
Ion	Ratio	Lower	Upper
96	100		
61	138.0	107.4	161.0
98	64.8	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.35 ug/l

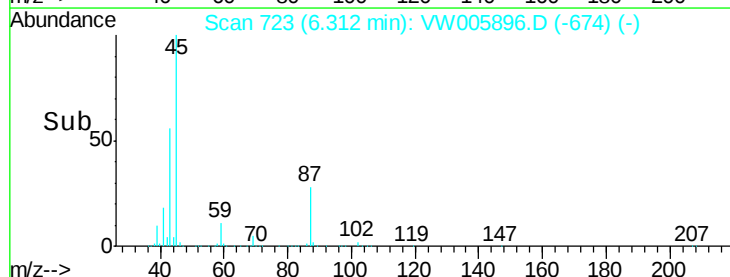
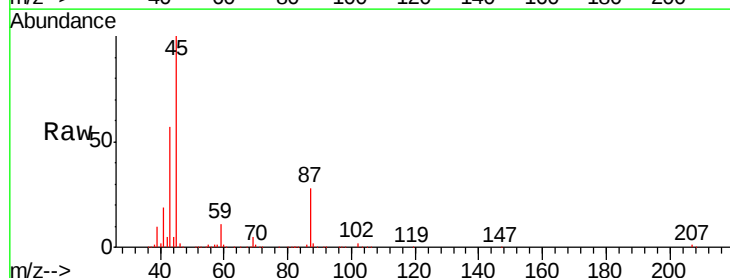
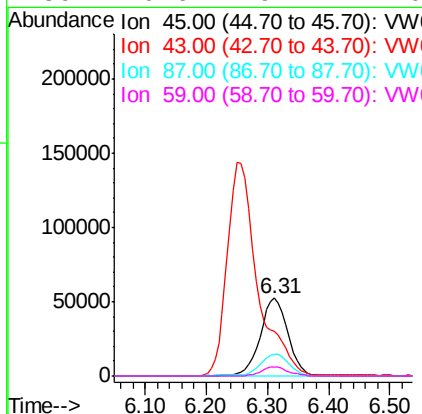
RT: 6.31 min Scan# 723

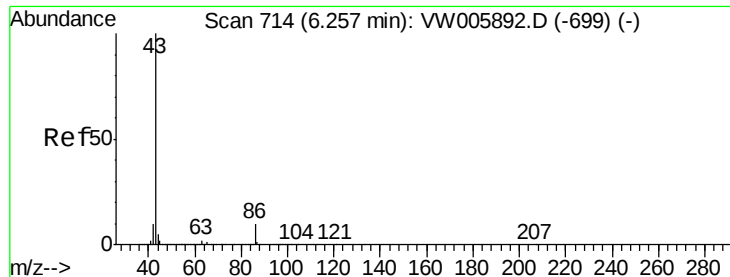
Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion:	45	Resp:	165471
Ion	Ratio	Lower	Upper
45	100		
43	56.1	45.9	68.9
87	28.5	22.2	33.4
59	10.6	9.4	14.0





#23

Vinyl Acetate

Concen: 88.32 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 43 Resp: 490181

Ion Ratio Lower Upper

43 100

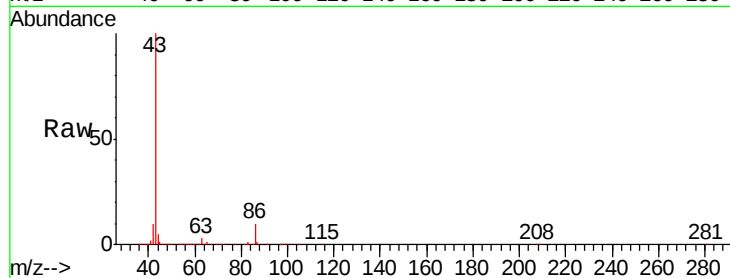
86 10.0 8.2 12.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

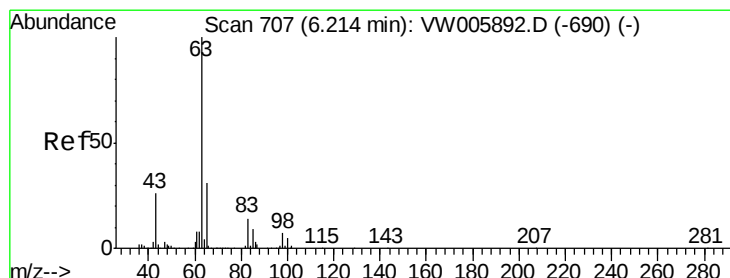
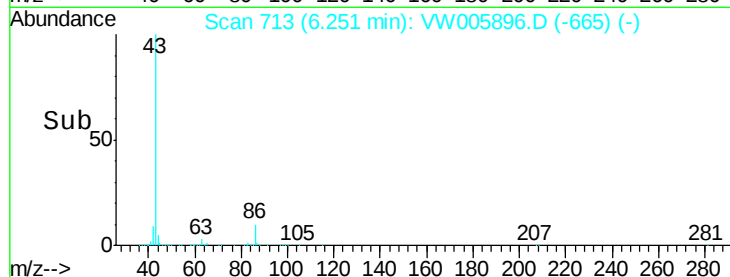
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.40 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

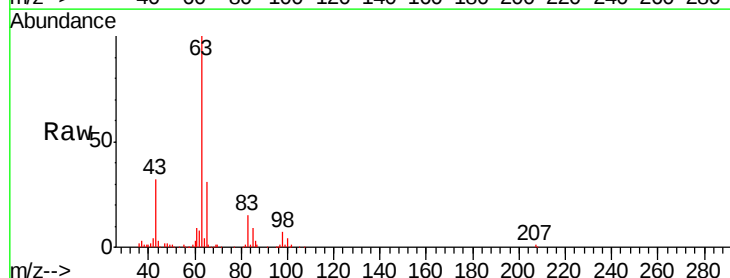
Tgt Ion: 63 Resp: 101545

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

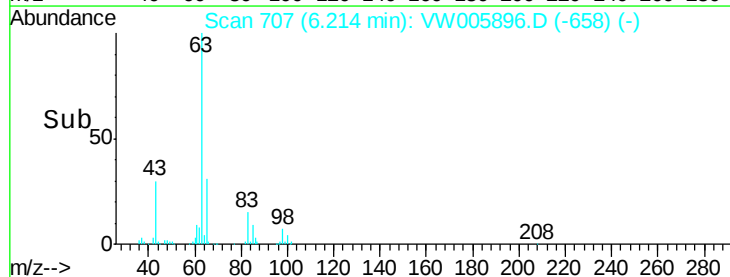
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 85.80 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampled :

VW1008SBS01

Tgt Ion: 43 Resp: 76034

Ion Ratio Lower Upper

43 100

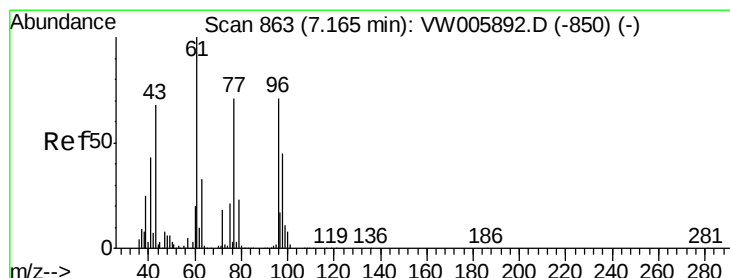
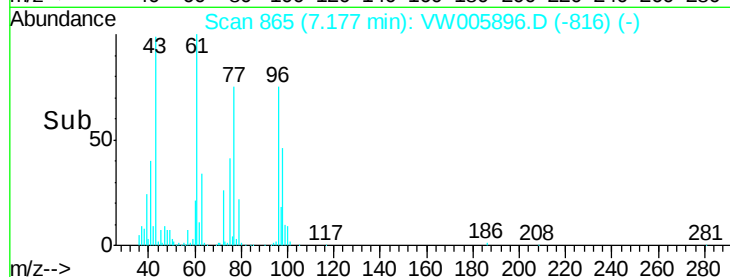
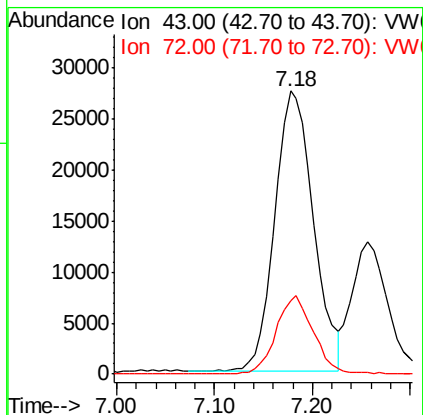
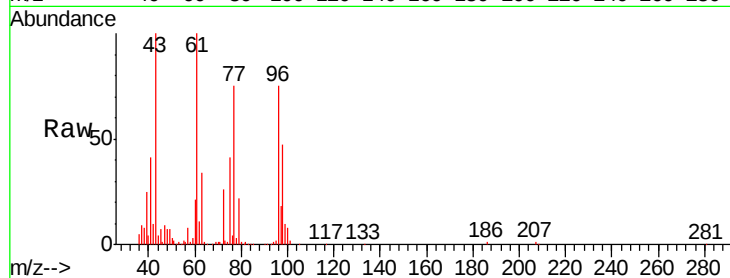
72 26.3 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.94 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005896.D

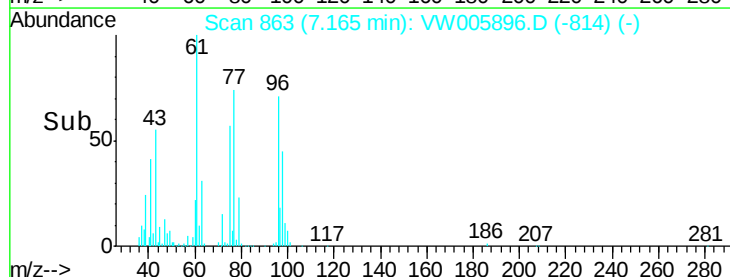
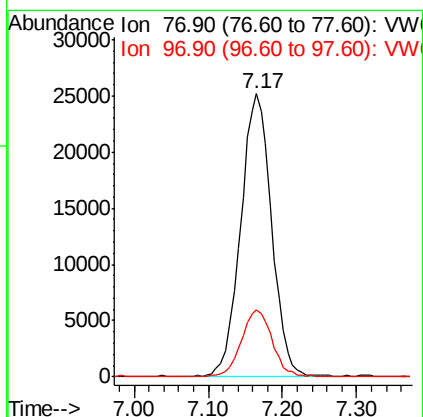
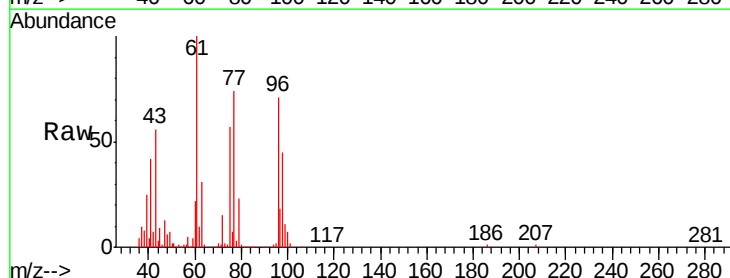
Acq: 08 Oct 2018 15:34

Tgt Ion: 77 Resp: 73552

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.7





#27

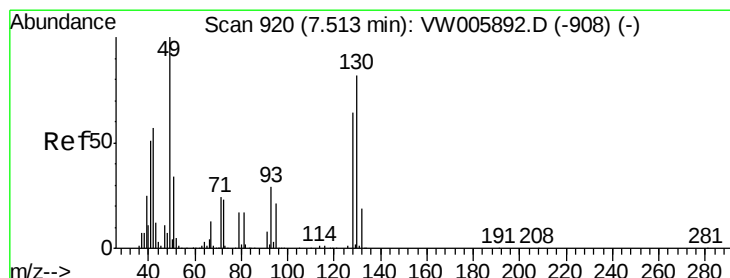
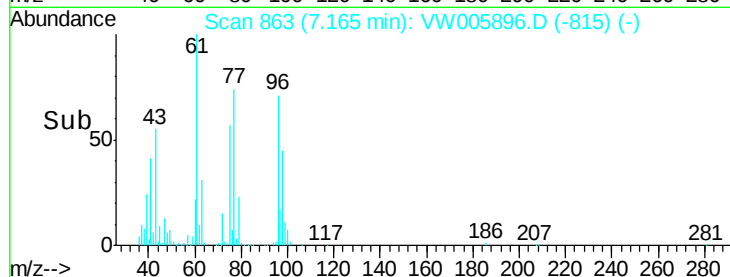
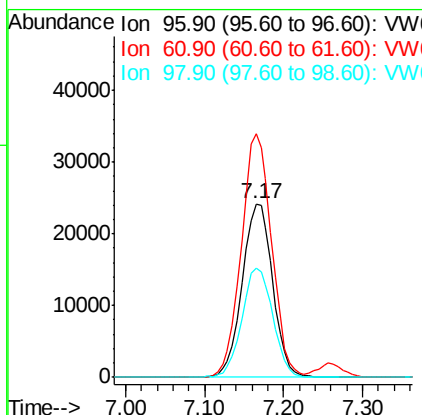
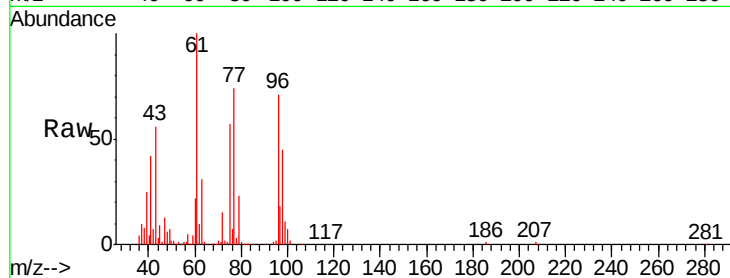
cis-1,2-Dichloroethene
Concen: 18.51 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	284.0
98	64.5	0.0	129.8

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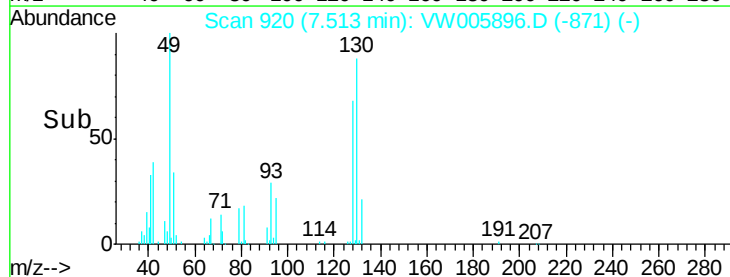
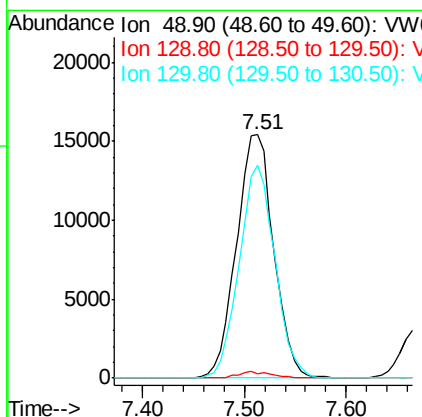
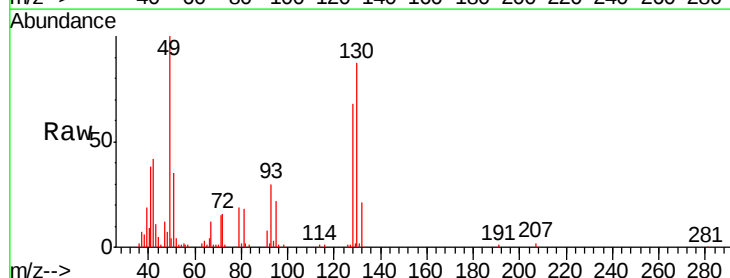
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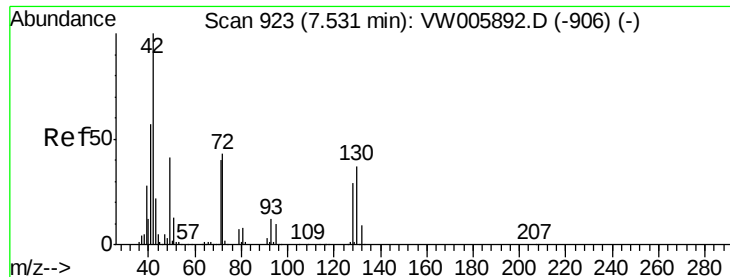


#28

Bromochloromethane
Concen: 19.17 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	84.0	66.9	100.3





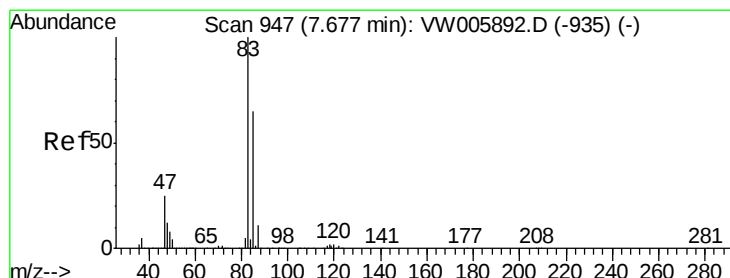
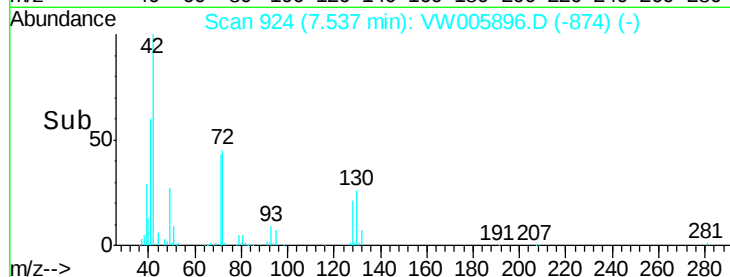
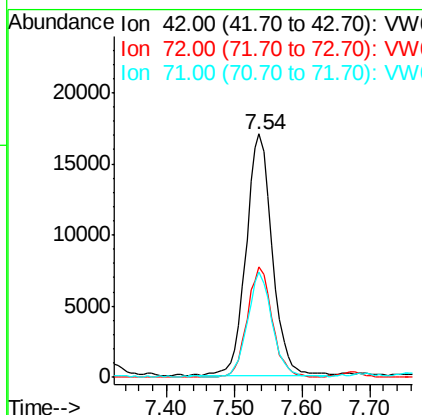
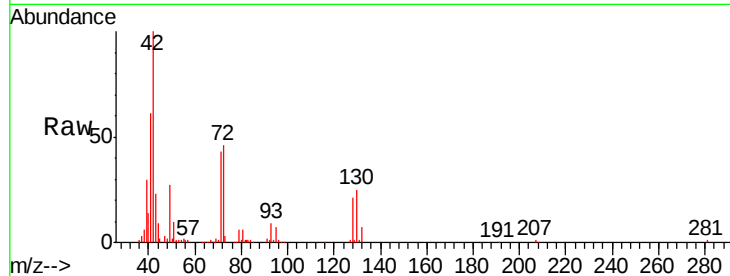
#29
Tetrahydrofuran
Concen: 80.47 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.6	51.8
71	42.0	32.6	49.0

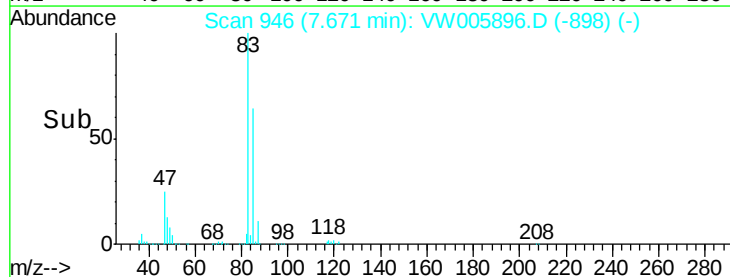
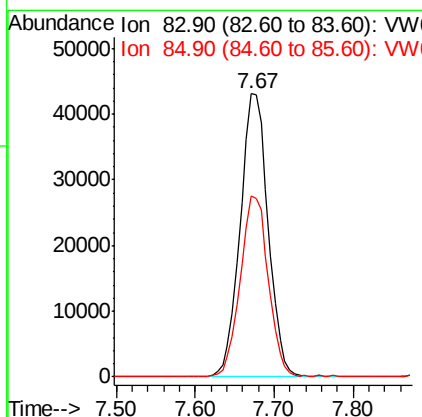
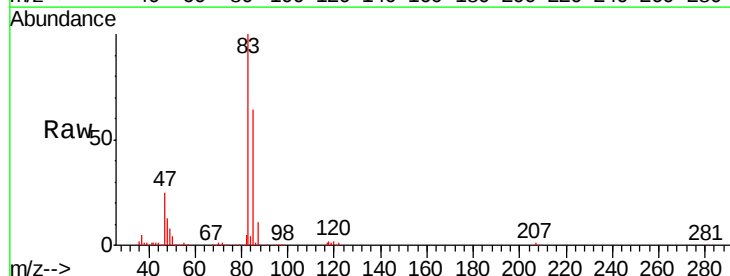
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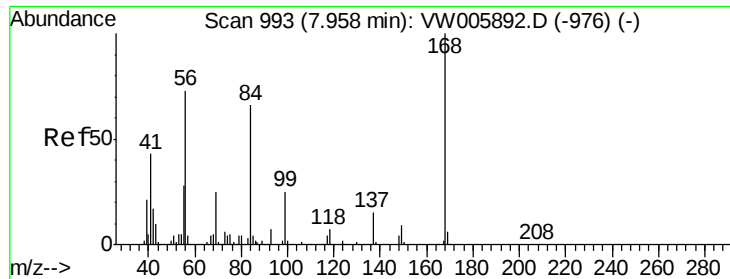
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#30
Chloroform
Concen: 18.80 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4





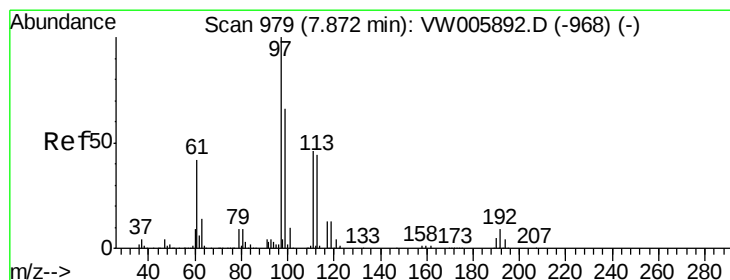
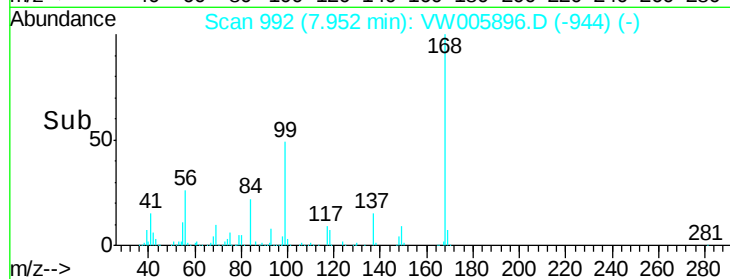
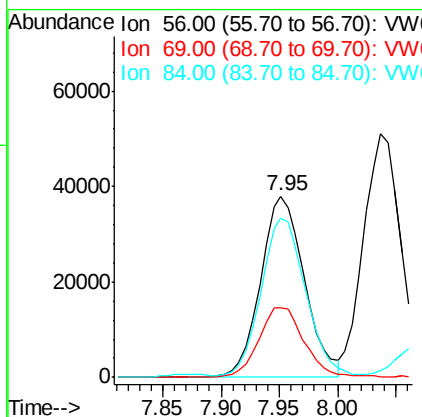
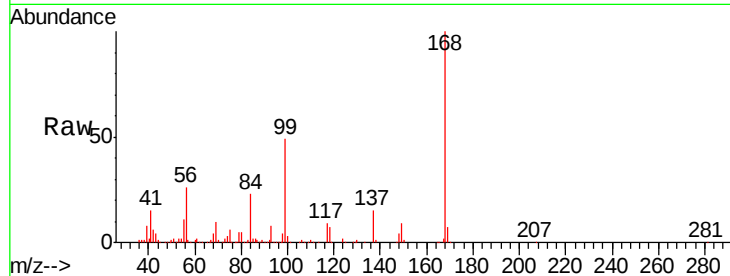
#31
Cyclohexane
Concen: 18.00 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.1	27.9	41.9
84	86.0	72.3	108.5

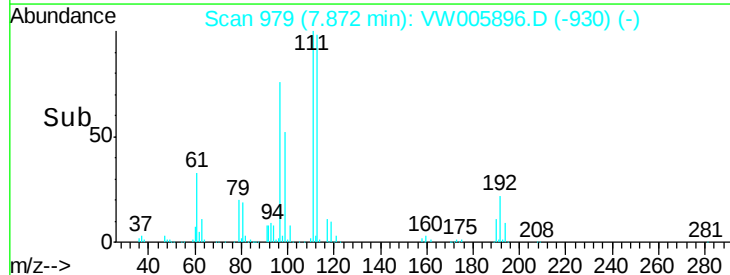
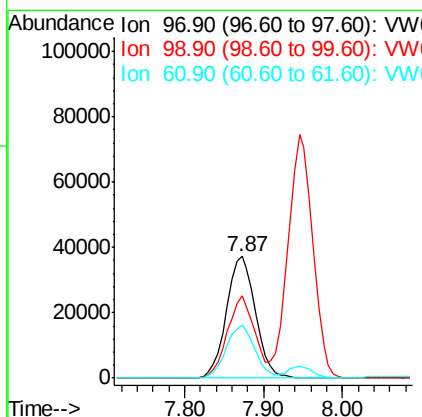
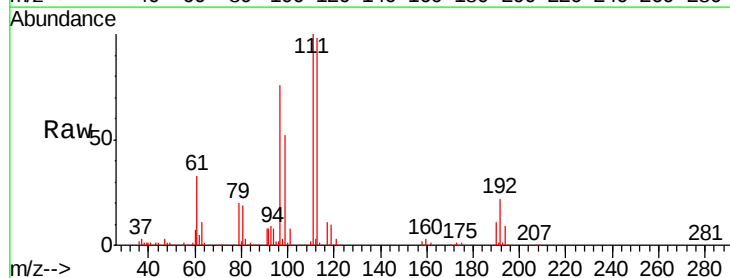
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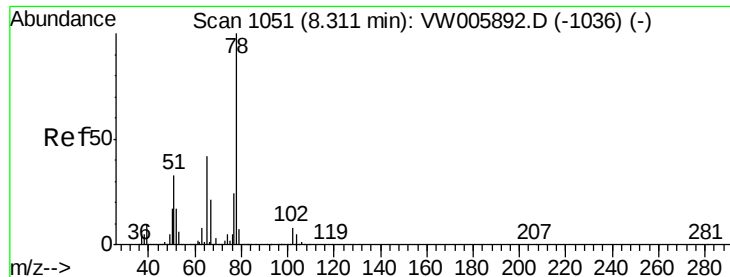
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#32
1,1,1-Trichloroethane
Concen: 18.90 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.6	77.4
61	42.9	34.5	51.7





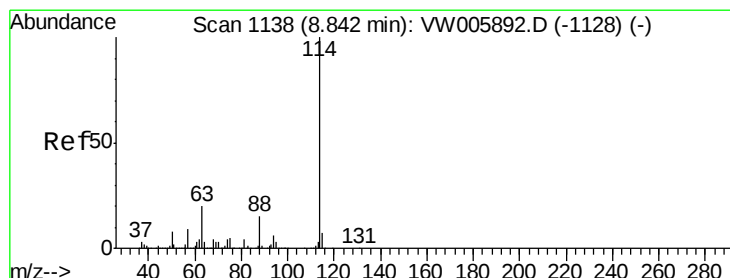
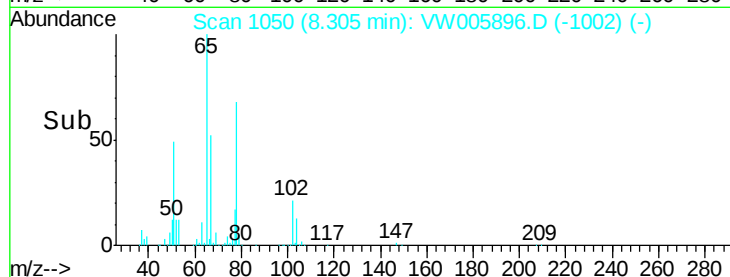
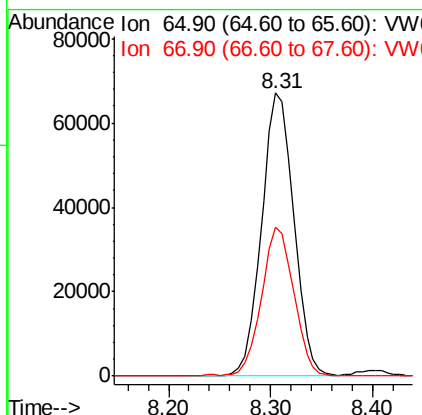
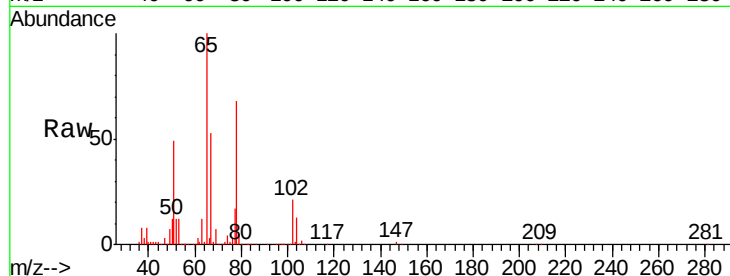
#33
 1,2-Dichloroethane-d4
 Concen: 47.23 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	147308		
67	52.5	0.0	104.6	

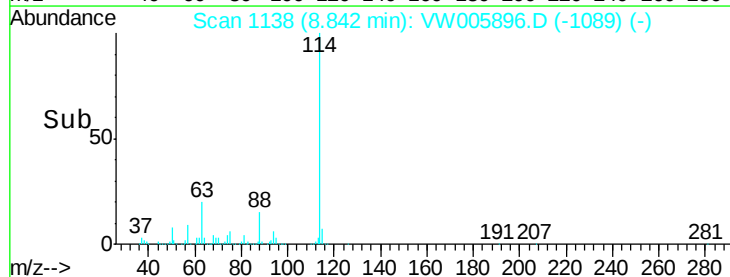
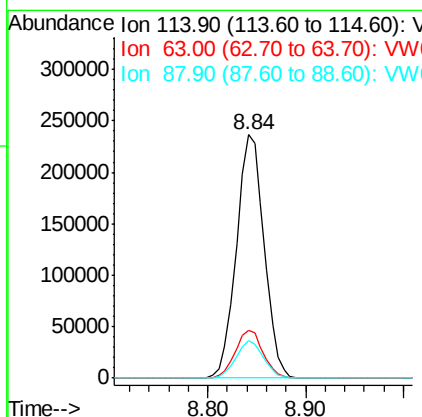
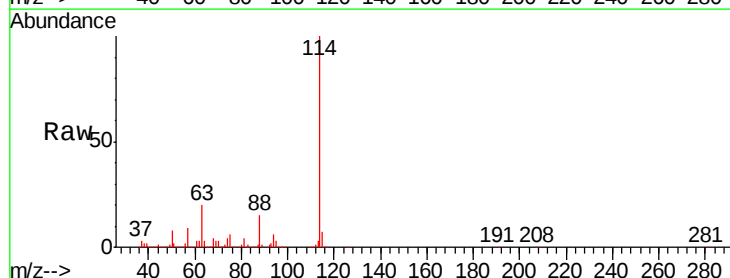
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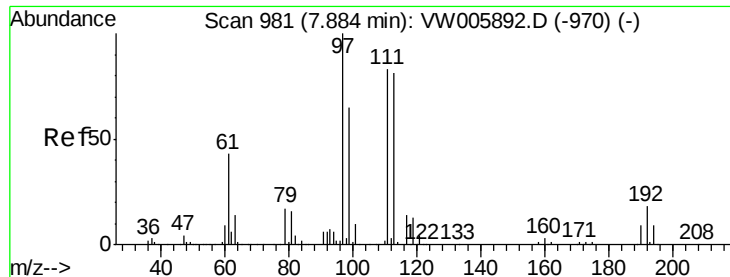
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	463307		
63	19.5	0.0	39.2	
88	15.3	0.0	30.8	





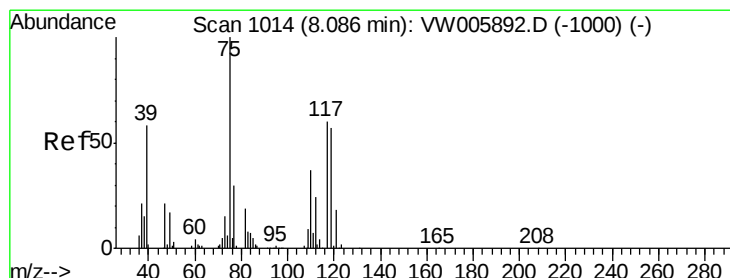
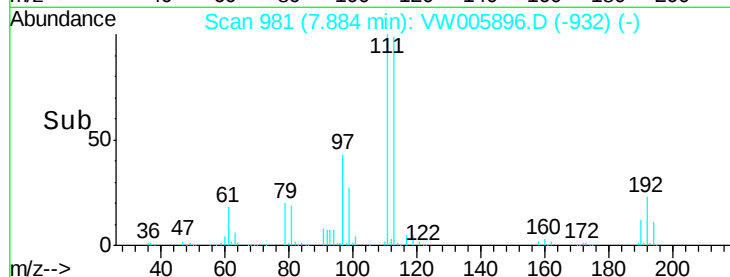
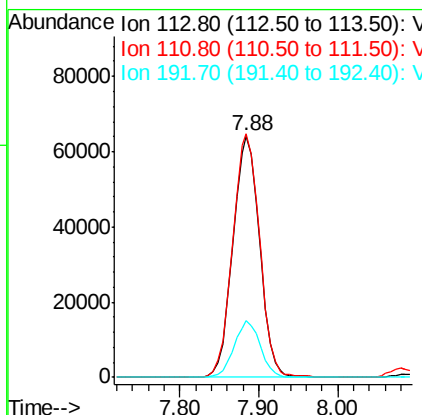
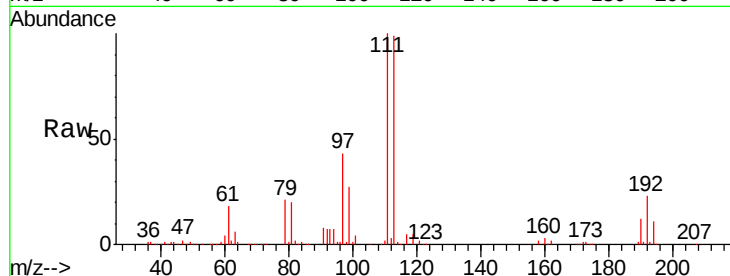
#35
 Dibromofluoromethane
 Concen: 50.97 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	150774		
111	101.7	82.0	123.0	
192	22.9	18.3	27.5	

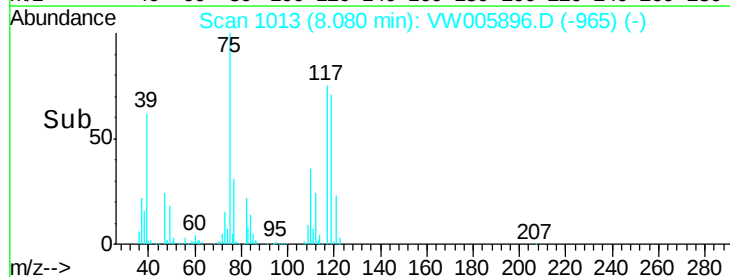
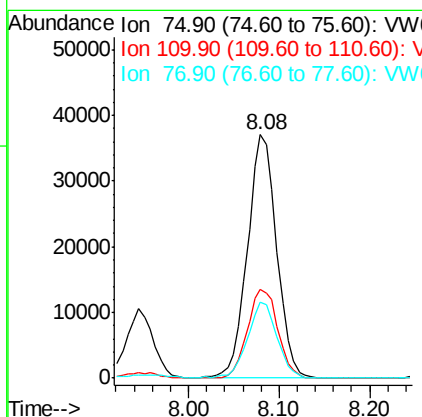
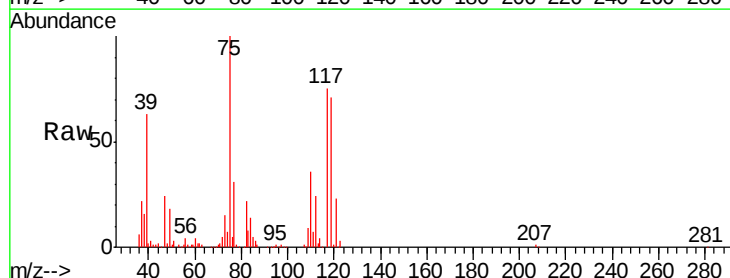
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#36
 1,1-Dichloropropene
 Concen: 18.64 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82762		
110	37.8	18.6	56.0	
77	31.1	24.7	37.1	





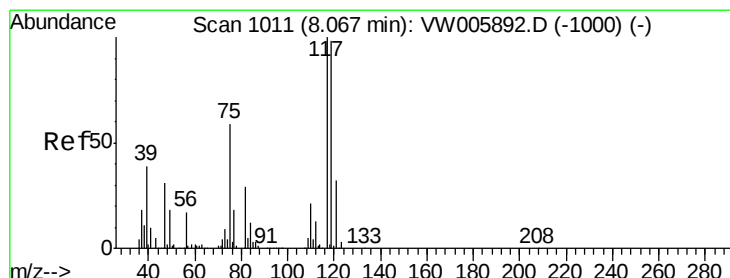
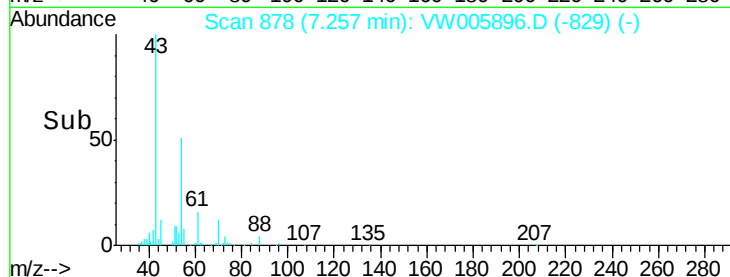
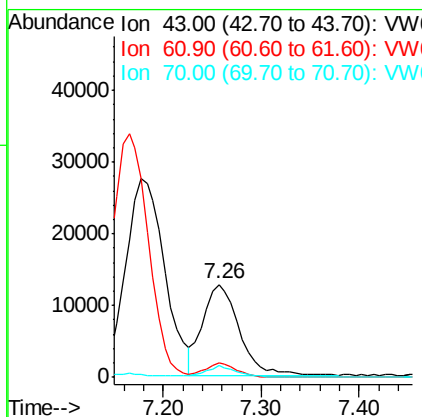
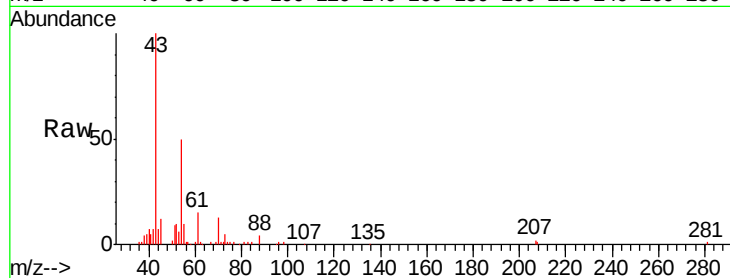
#37
Ethyl Acetate
Concen: 17.48 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampled :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	11.7	8.6	13.0

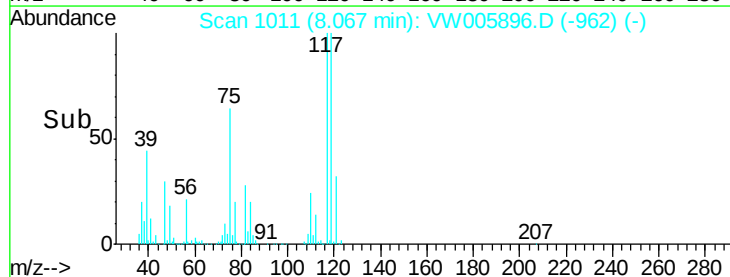
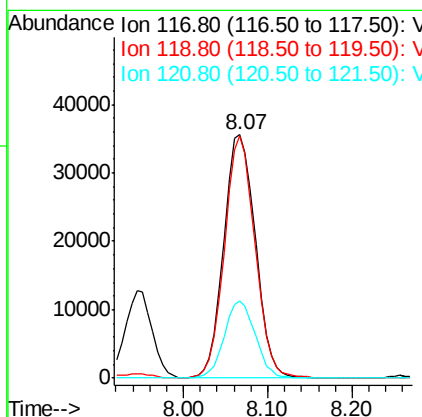
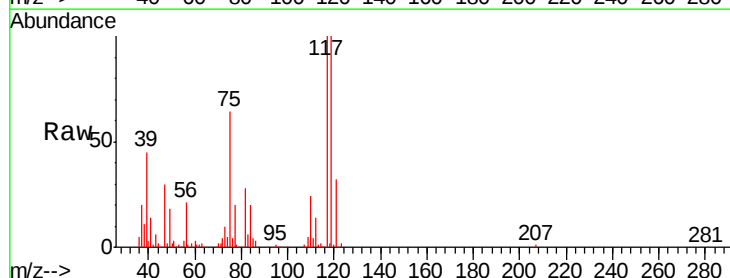
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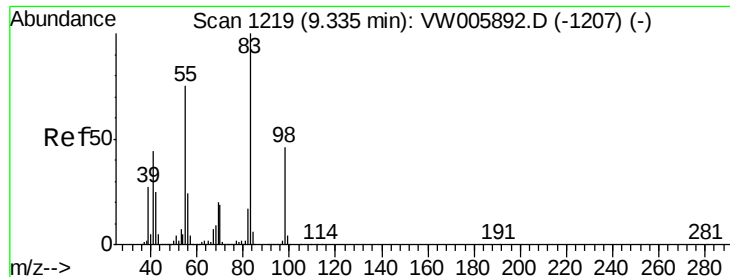
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#38
Carbon Tetrachloride
Concen: 19.16 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	78.6	117.8
121	31.8	25.3	37.9





#39

Methylcyclohexane

Concen: 18.94 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 83 Resp: 110928

Ion Ratio Lower Upper

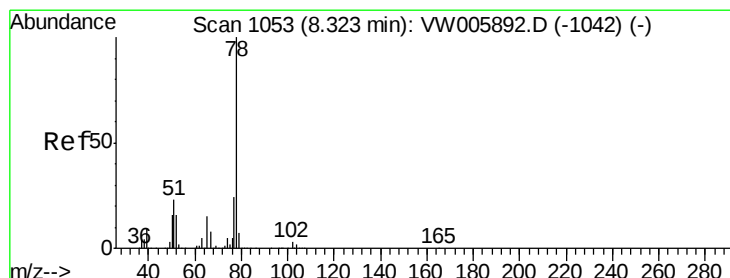
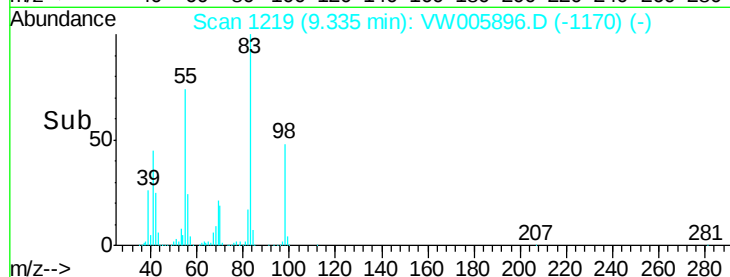
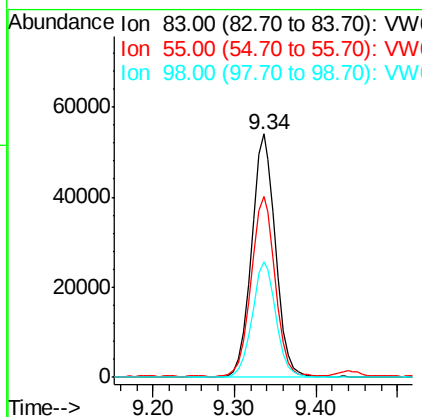
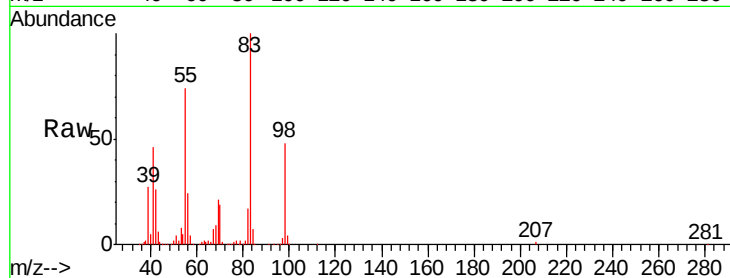
83 100

55 73.8 59.8 89.6

98 47.5 37.1 55.7

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#40

Benzene

Concen: 18.96 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW005896.D

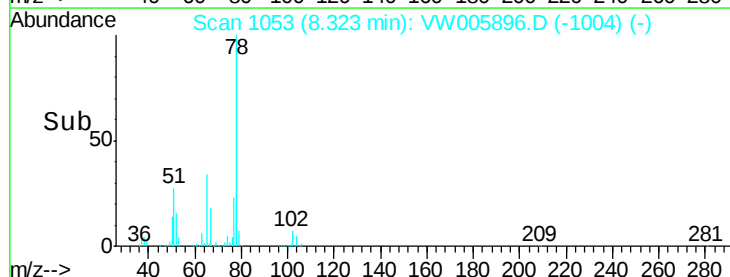
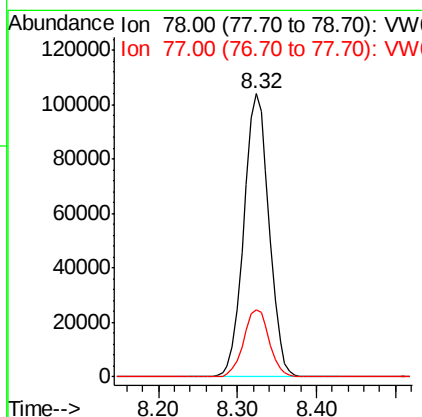
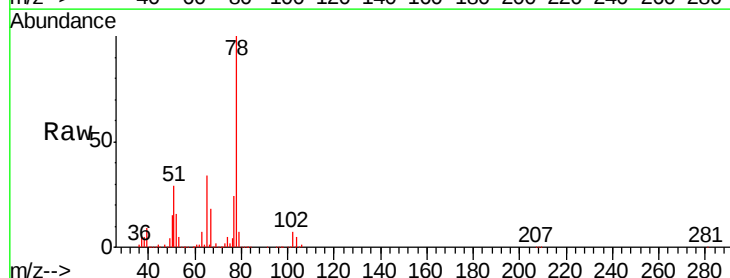
Acq: 08 Oct 2018 15:34

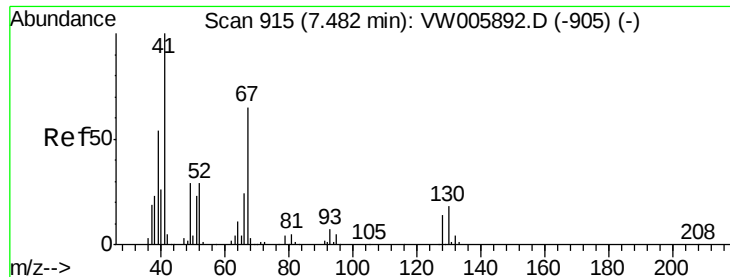
Tgt Ion: 78 Resp: 230404

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 18.18 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

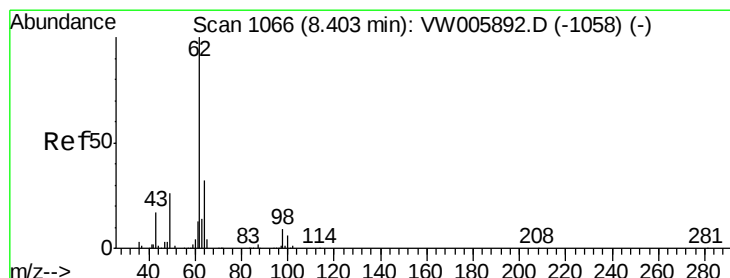
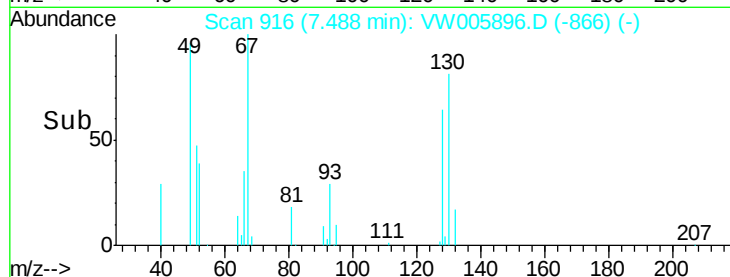
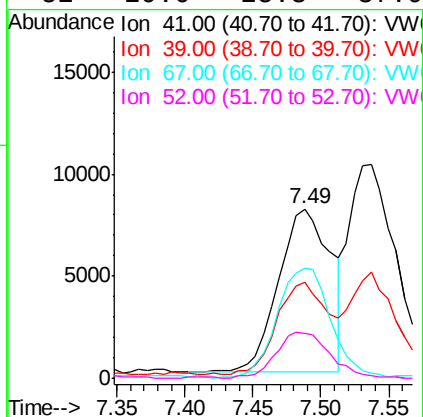
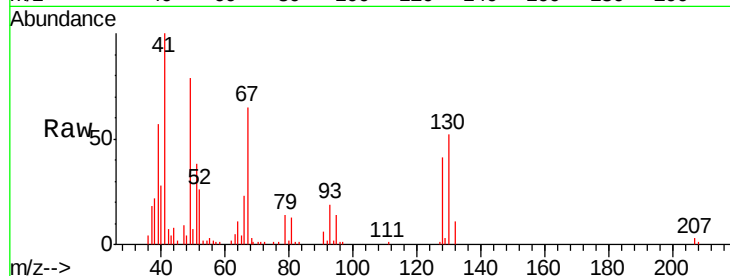
ClientSampleId :

VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.0	67.4
67	69.5	55.8	83.8
52	29.0	25.3	37.9

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#42

1,2-Dichloroethane

Concen: 18.18 ug/l

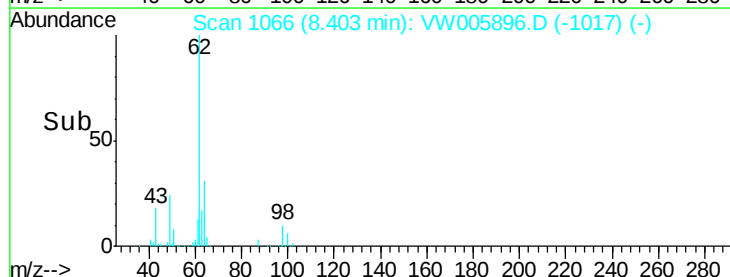
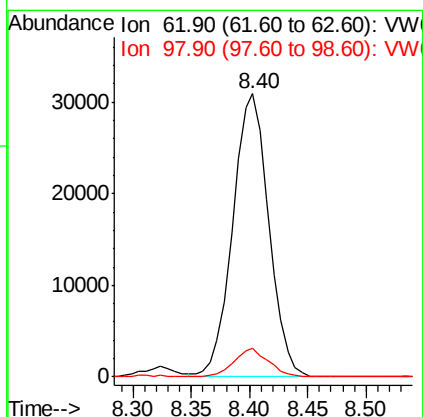
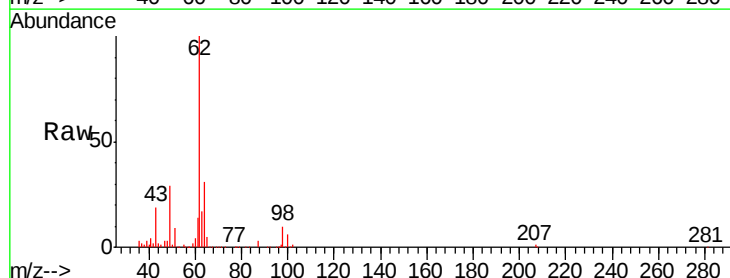
RT: 8.40 min Scan# 1066

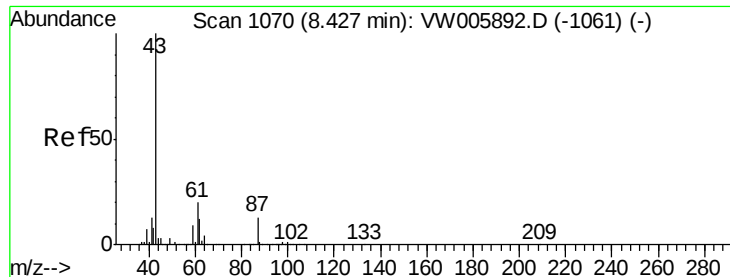
Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.0





#43

Isopropyl Acetate

Concen: 17.50 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

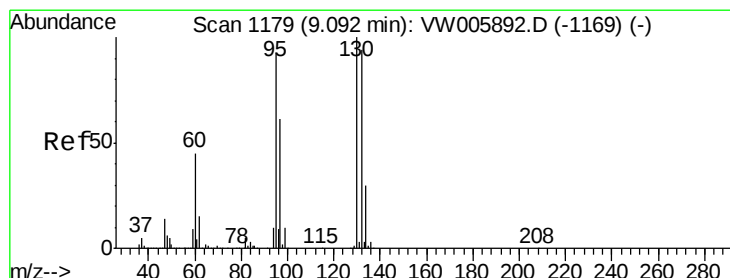
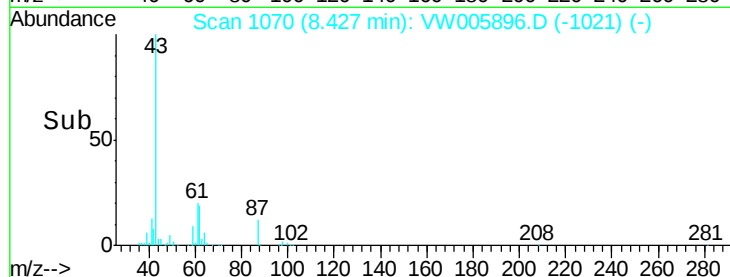
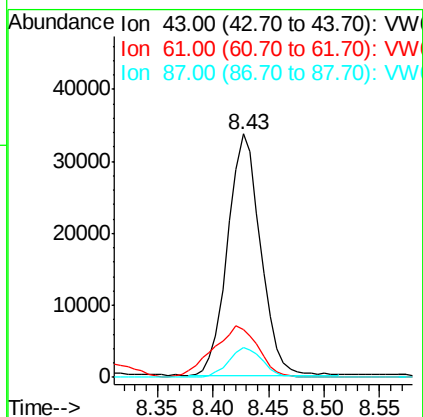
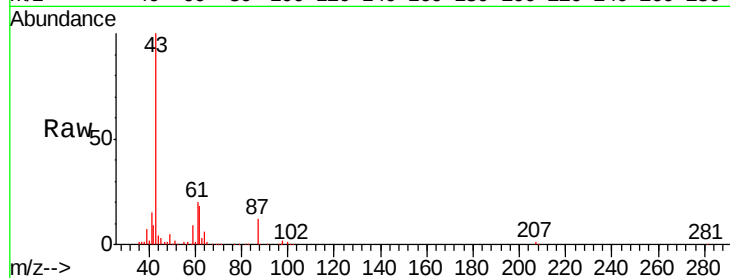
ClientSampleId :

VW1008SBS01

Tgt Ion:	43	Resp:	68729
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.1	34.7
87	12.9	10.7	16.1

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#44

Trichloroethene

Concen: 19.61 ug/l

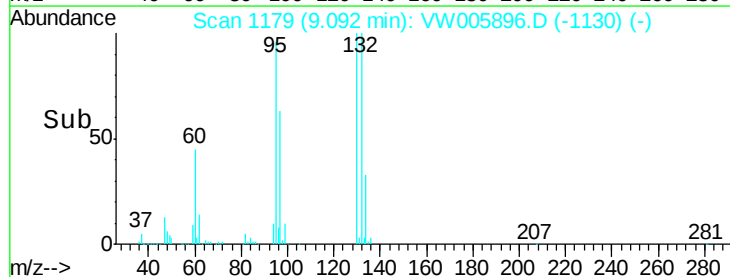
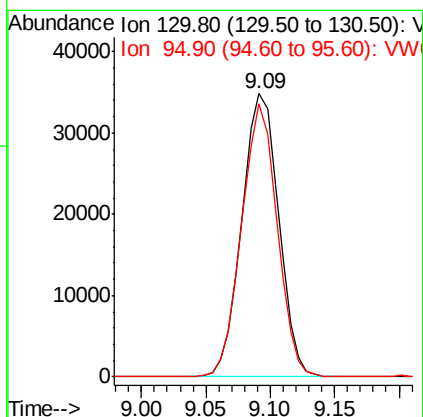
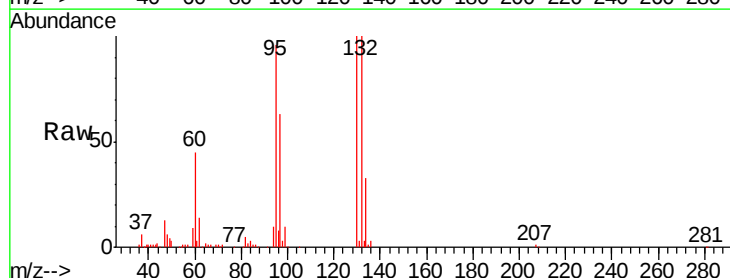
RT: 9.09 min Scan# 1179

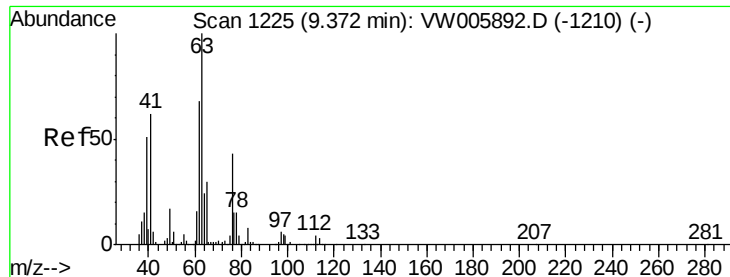
Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion:	130	Resp:	69143
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	185.6





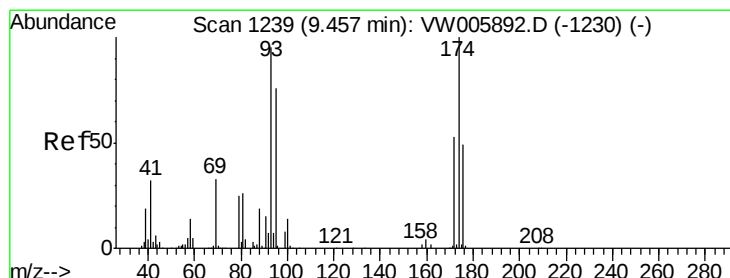
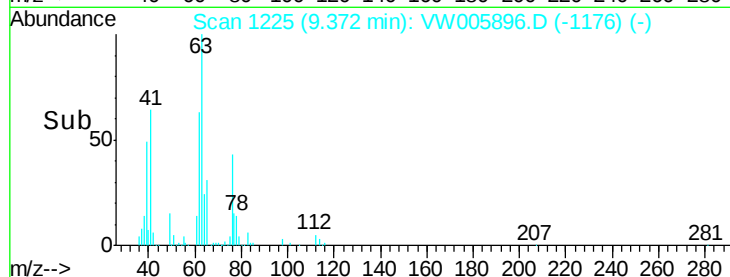
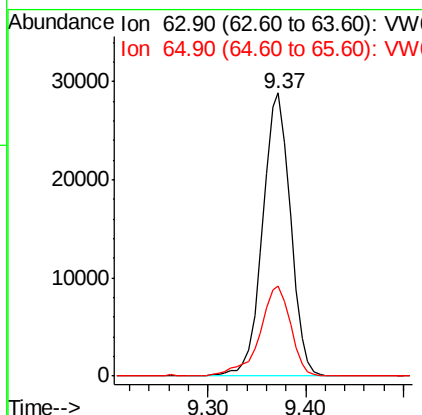
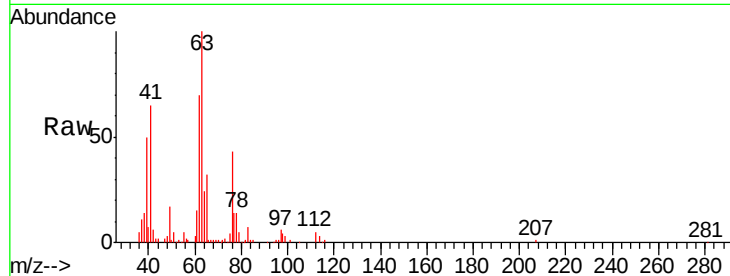
#45
 1,2-Dichloropropane
 Concen: 18.82 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.3	36.5

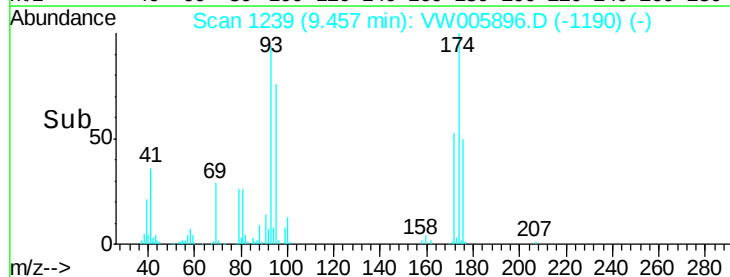
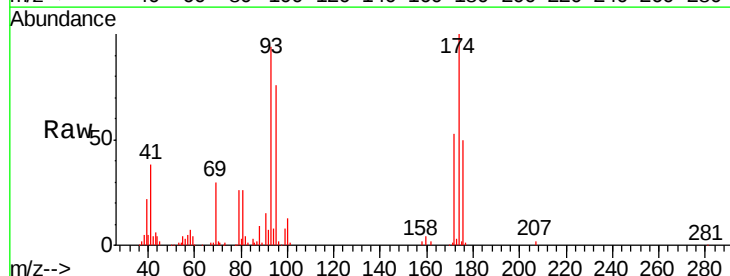
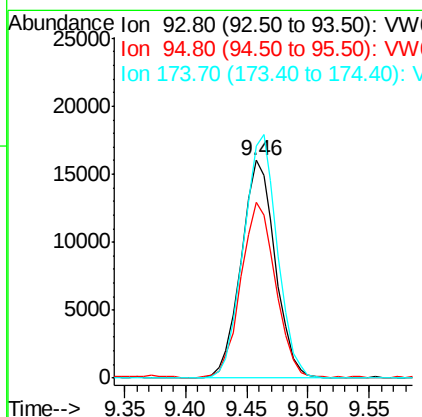
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#46
 Dibromomethane
 Concen: 18.61 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.6	99.8
174	110.7	90.4	135.6





#47

Bromodichloromethane

Concen: 18.62 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

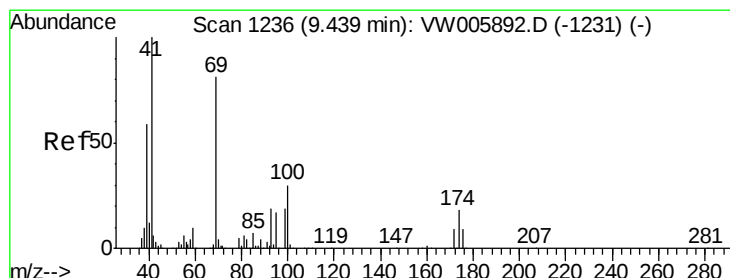
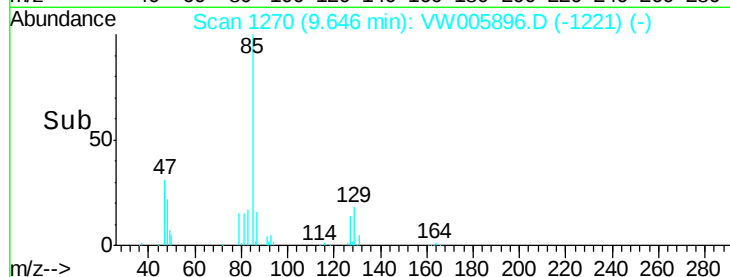
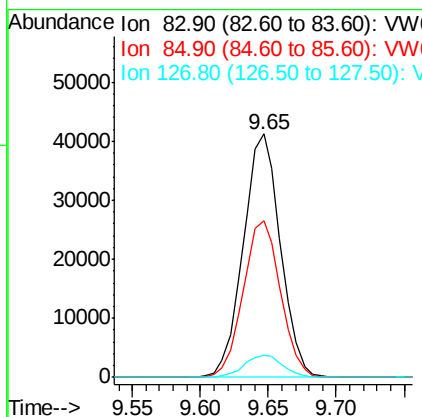
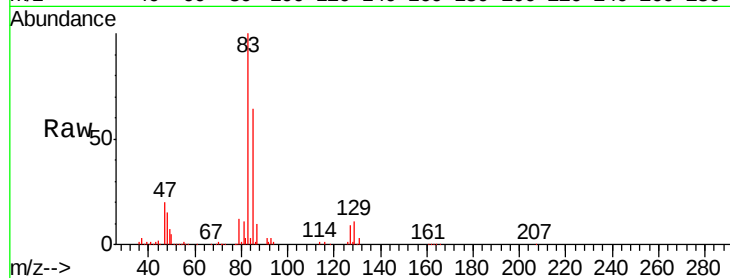
ClientSampleId :

VW1008SBS01

Tgt Ion	83	Resp	78314
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	53.0	79.6
127	9.2	7.4	11.0

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#48

Methyl methacrylate

Concen: 16.97 ug/l

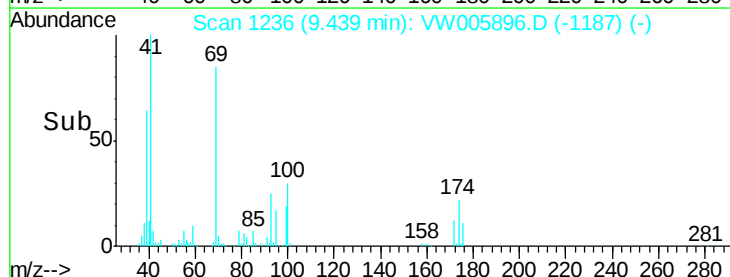
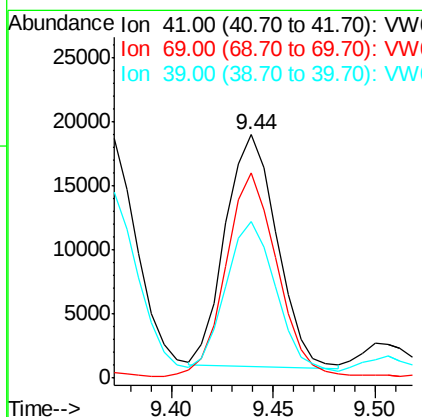
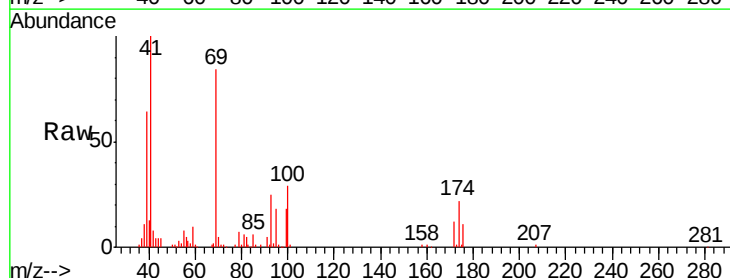
RT: 9.44 min Scan# 1236

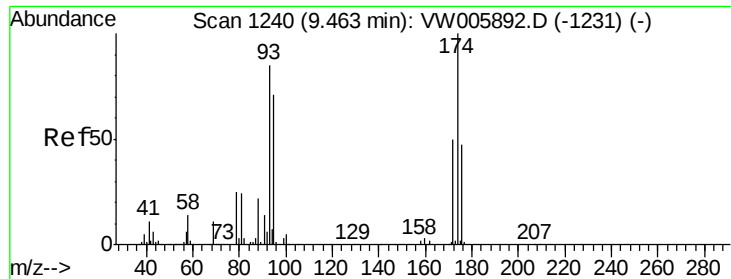
Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion	41	Resp	31747
Ion Ratio	100	Lower	Upper
41	100		
69	87.0	68.7	103.1
39	67.6	50.0	75.0





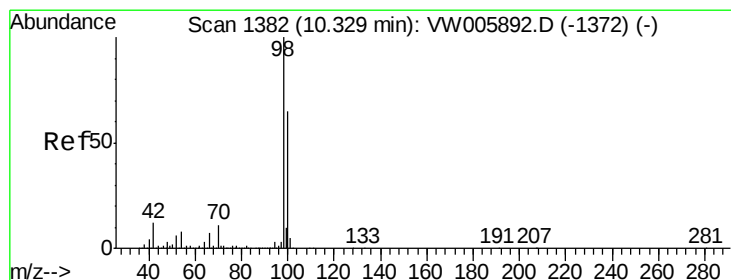
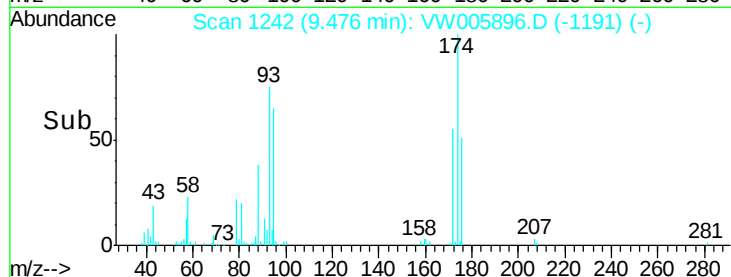
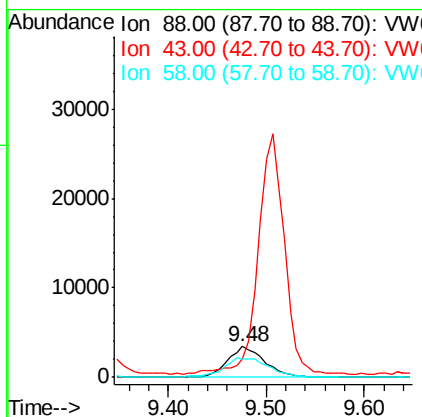
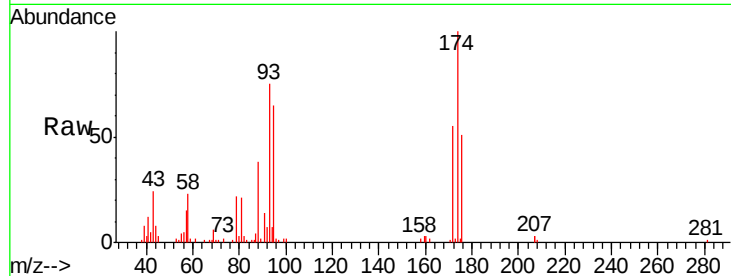
#49
1,4-Dioxane
Concen: 361.12 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.6	57.7	86.5

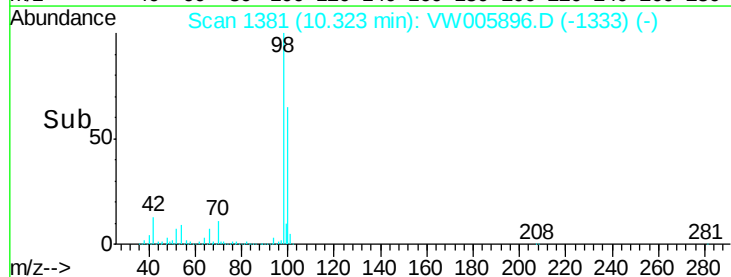
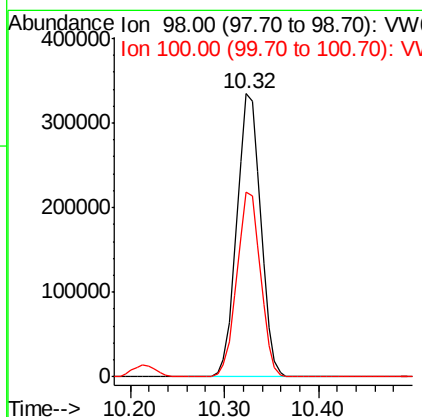
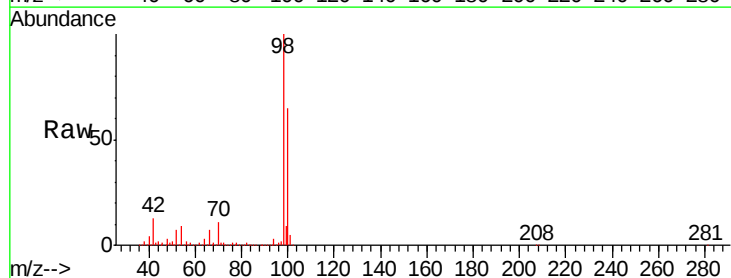
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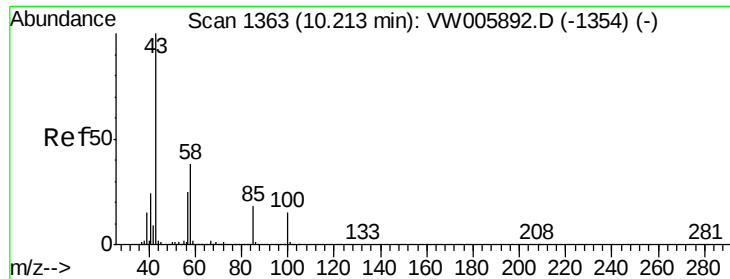
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#50
Toluene-d8
Concen: 51.94 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 86.75 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampled :

VW1008SBS01

Tgt Ion: 43 Resp: 165898

Ion Ratio Lower Upper

43 100

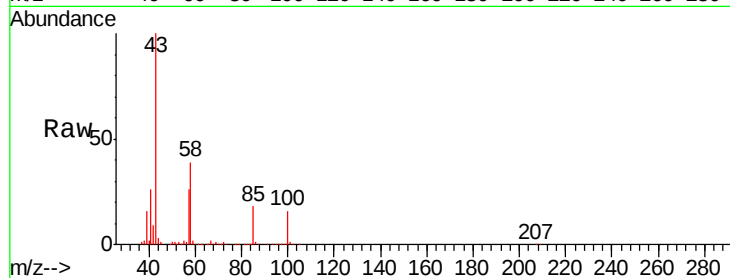
58 37.9 30.2 45.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

80000

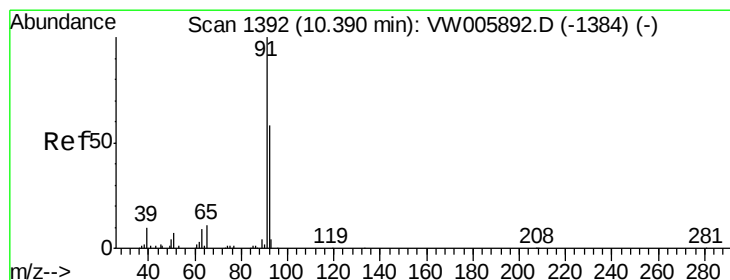
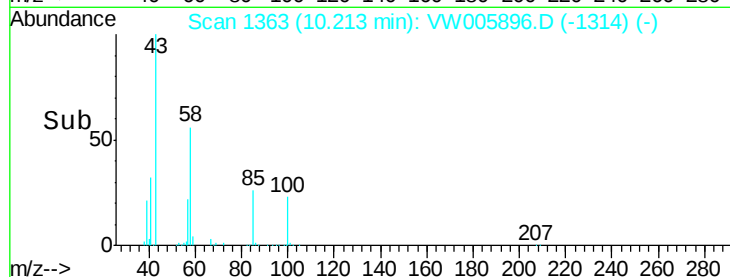
60000

40000

20000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 19.00 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005896.D

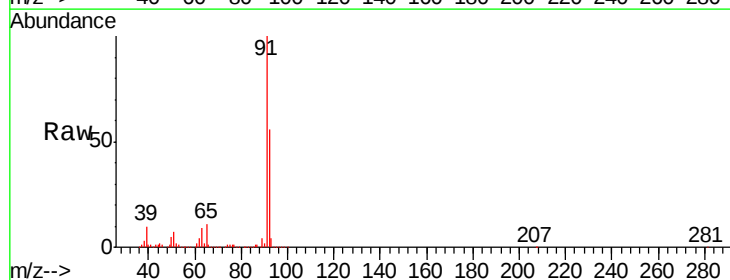
Acq: 08 Oct 2018 15:34

Tgt Ion: 92 Resp: 151647

Ion Ratio Lower Upper

92 100

91 174.5 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

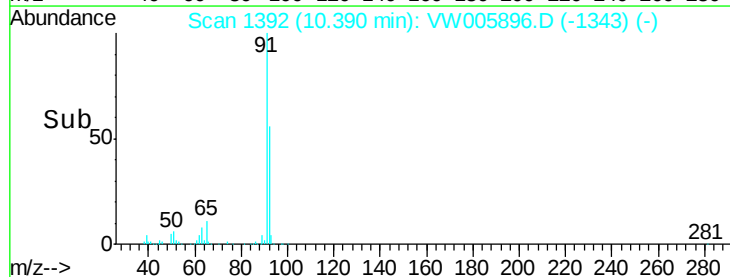
150000

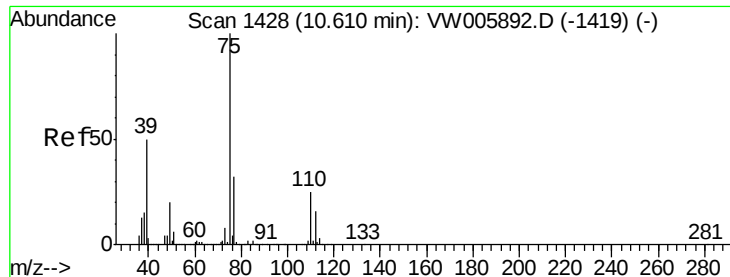
100000

50000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 18.00 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampled :

VW1008SBS01

Tgt Ion: 75 Resp: 79128

Ion Ratio Lower Upper

75 100

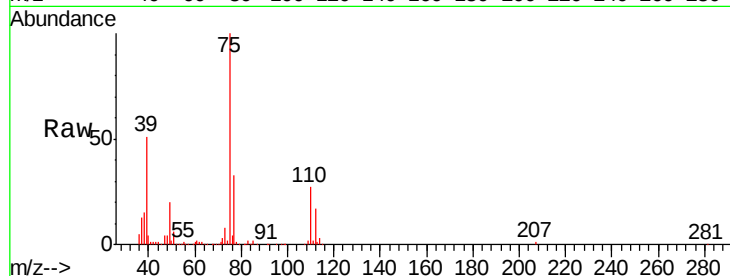
77 32.5 25.4 38.2

Manual Integrations

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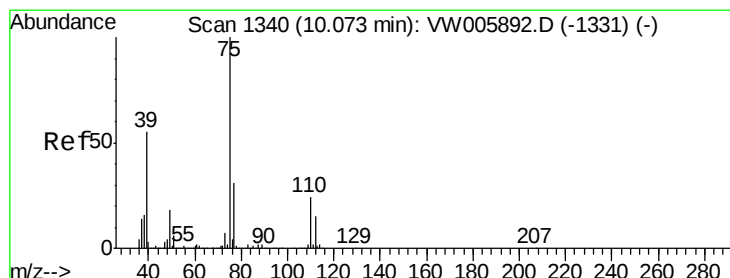
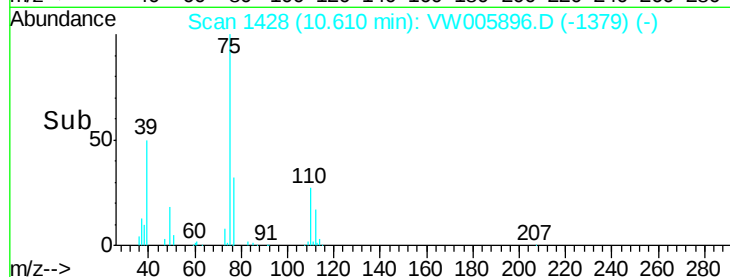
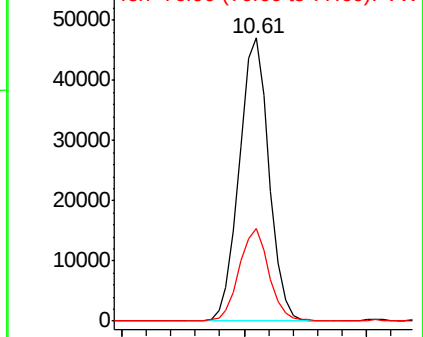
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 18.48 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

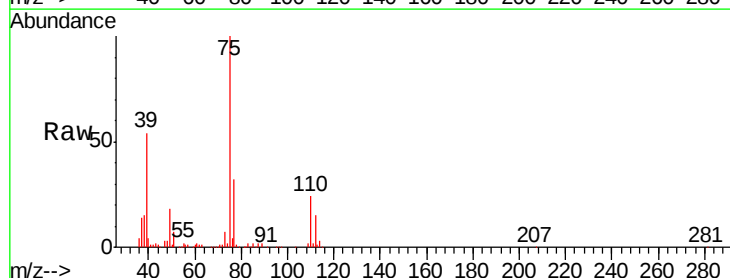
Tgt Ion: 75 Resp: 91301

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

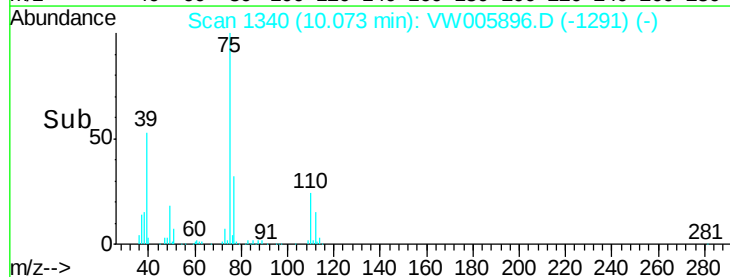
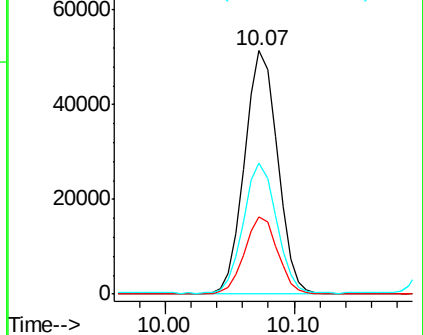
39 53.6 44.2 66.4

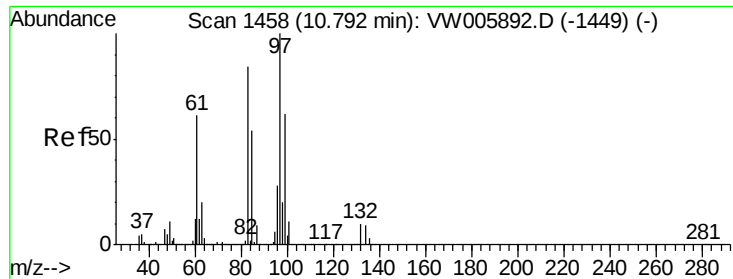


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





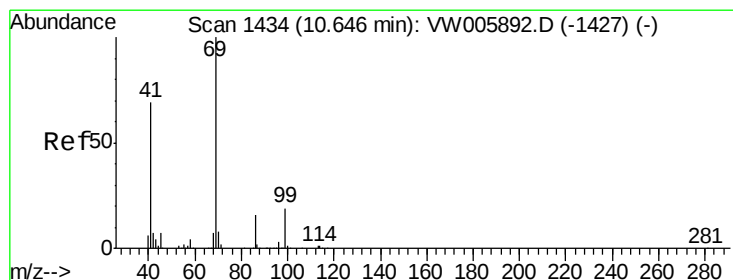
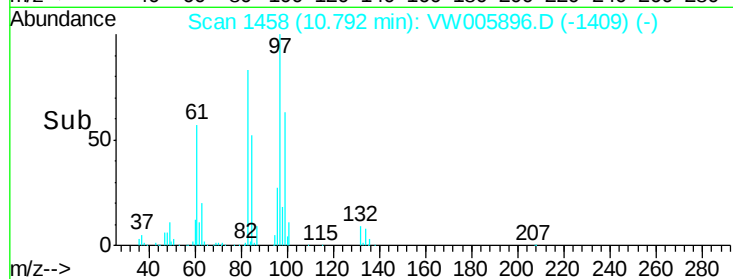
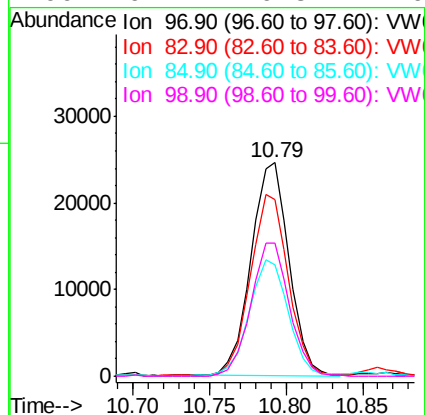
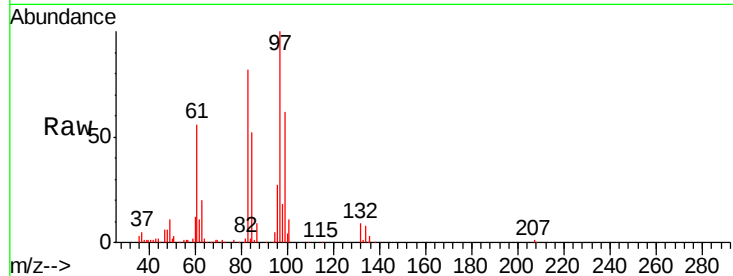
#55
 1,1,2-Trichloroethane
 Concen: 18.32 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.9	100.3
85	52.1	43.4	65.0
99	62.7	49.8	74.6

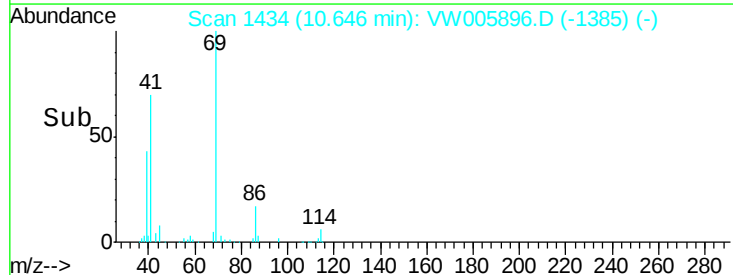
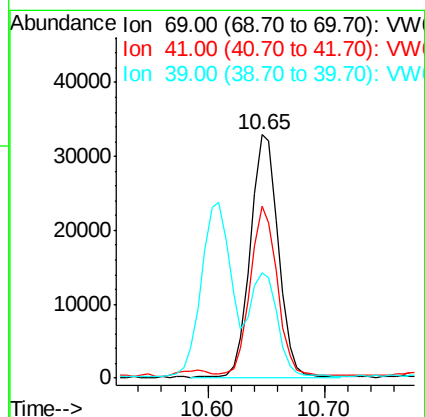
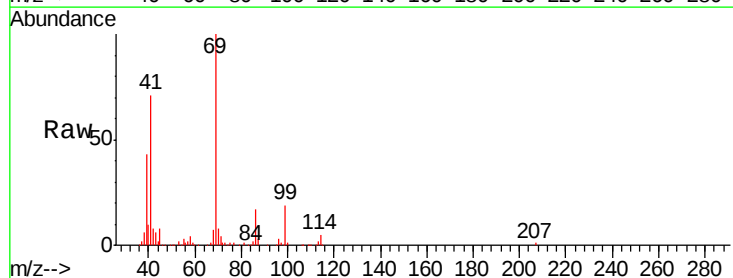
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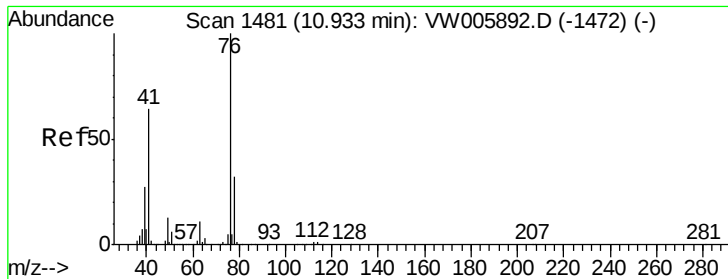
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#56
 Ethyl methacrylate
 Concen: 17.57 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.2	56.0	84.0
39	41.9	33.5	50.3





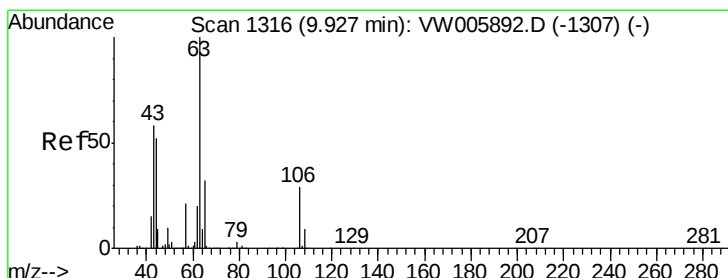
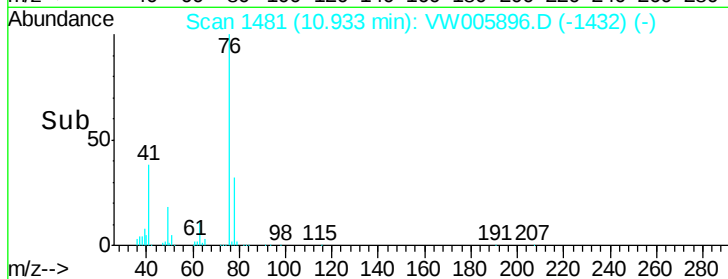
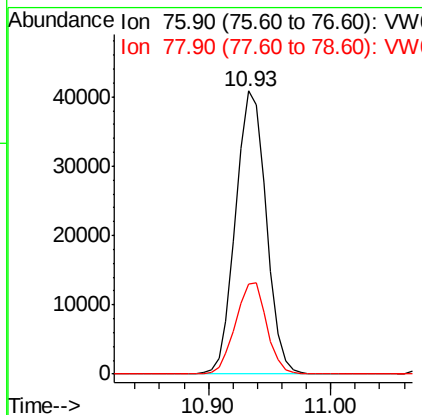
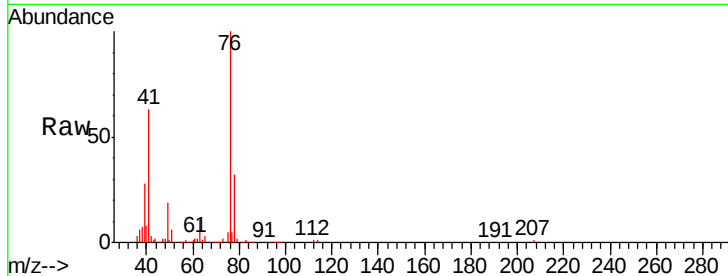
#57
 1,3-Dichloropropane
 Concen: 18.16 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion: 76 Resp: 70714
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

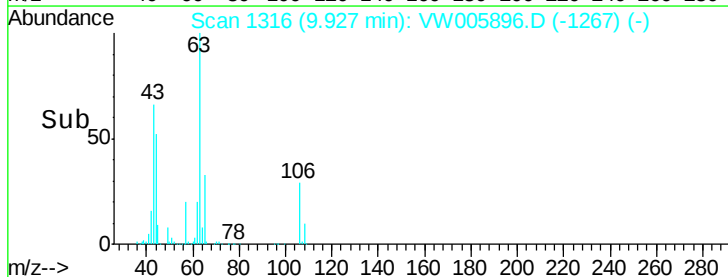
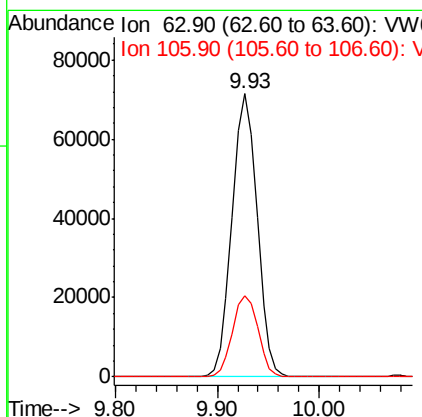
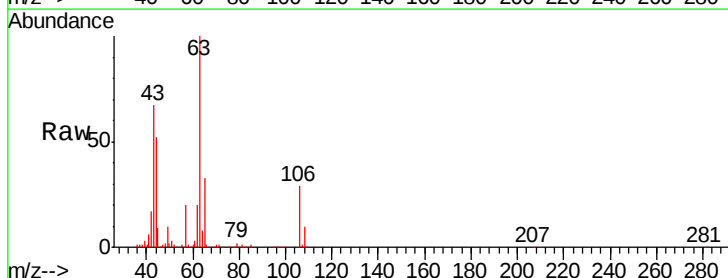
Manual Integrations
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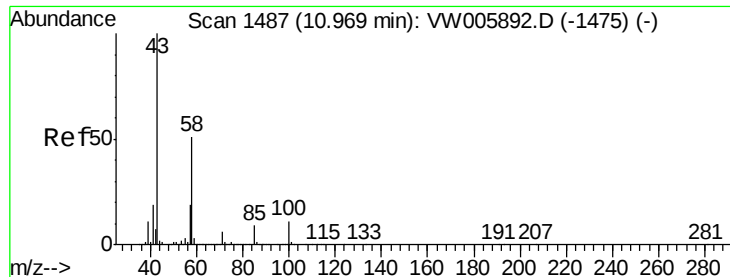
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.86 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion: 63 Resp: 121716
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.6 35.4





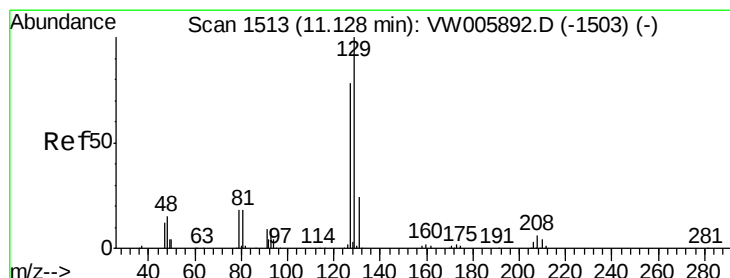
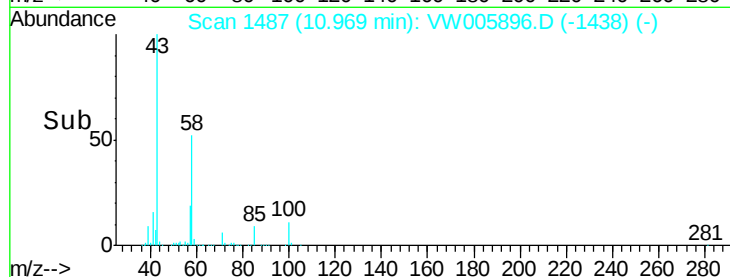
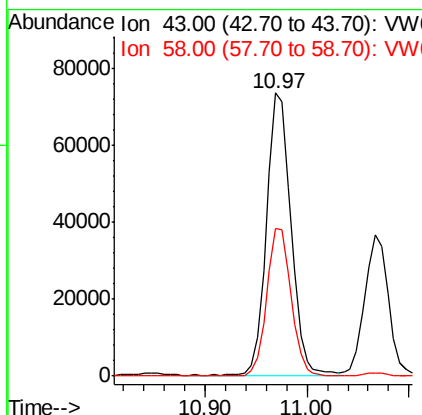
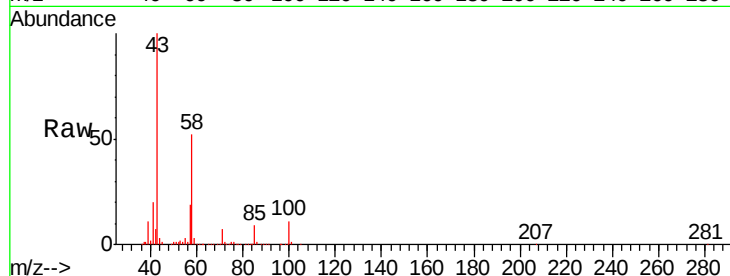
#59
2-Hexanone
Concen: 88.69 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion: 43 Resp: 121605
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.1

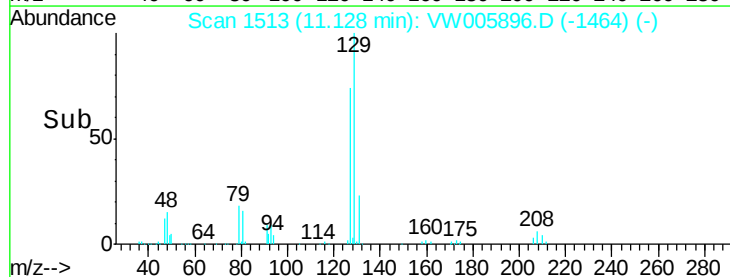
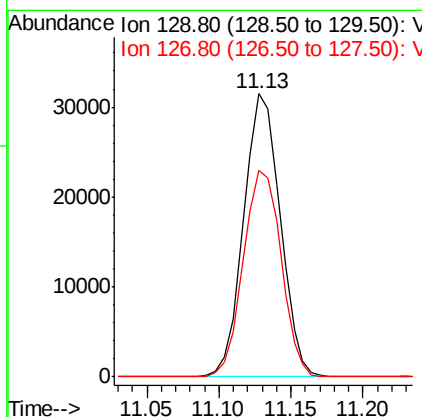
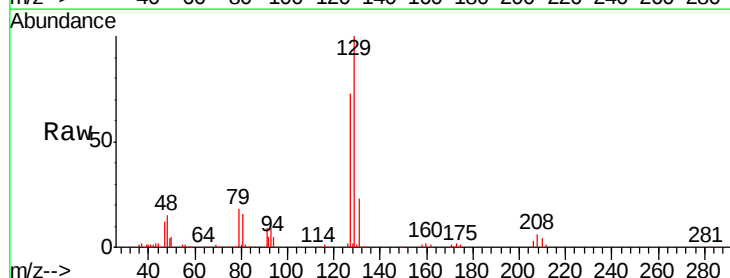
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#60
Dibromochloromethane
Concen: 18.53 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 129 Resp: 55349
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5





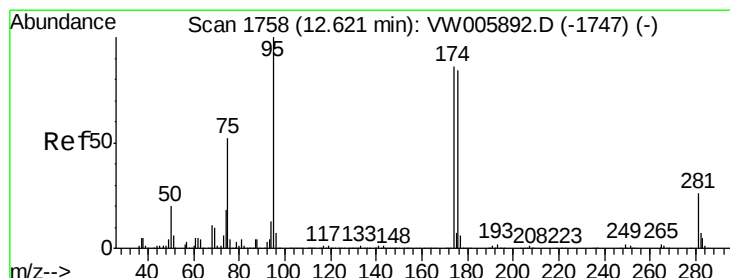
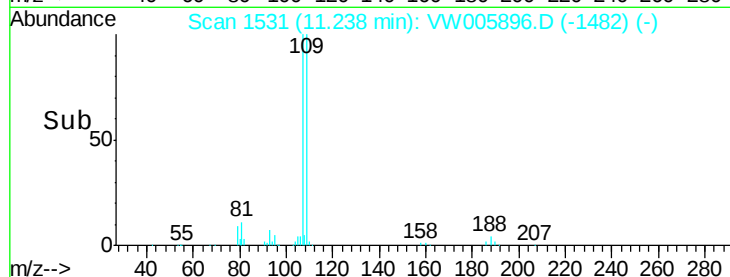
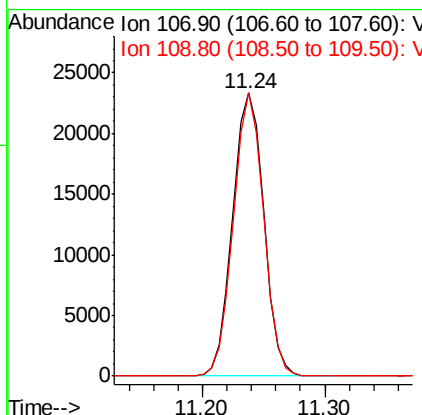
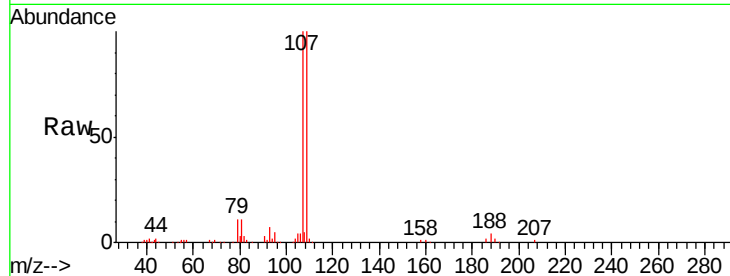
#61
1,2-Dibromoethane
Concen: 17.80 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion: 107 Resp: 41191
Ion Ratio Lower Upper
107 100
109 96.8 75.8 113.8

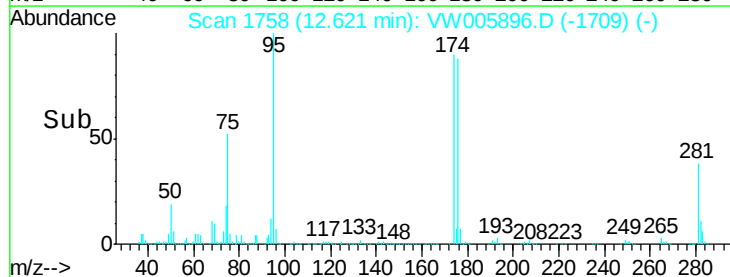
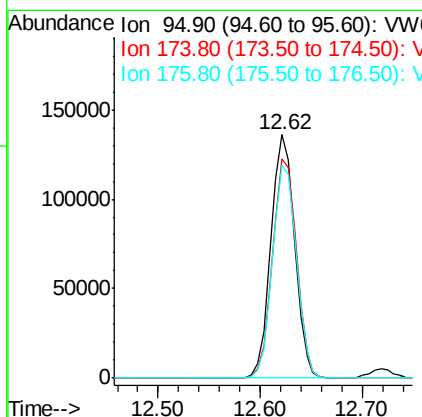
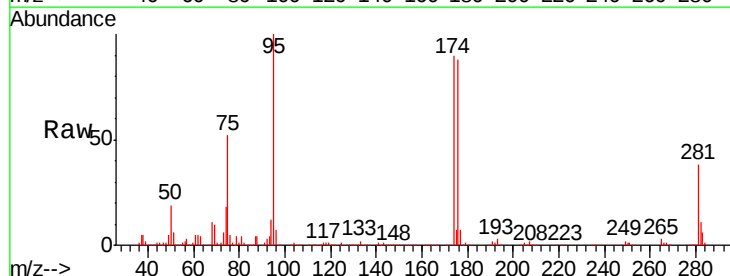
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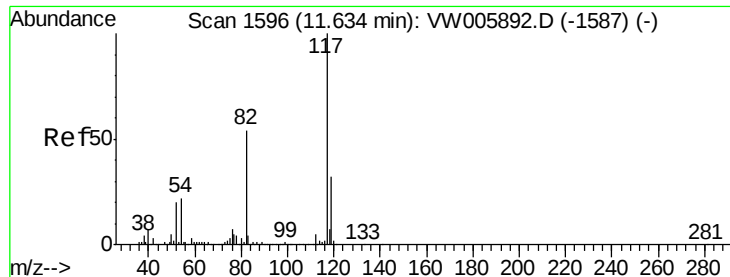
apatel
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#62
4-Bromofluorobenzene
Concen: 50.23 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 95 Resp: 217510
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.4
176 88.4 0.0 173.0





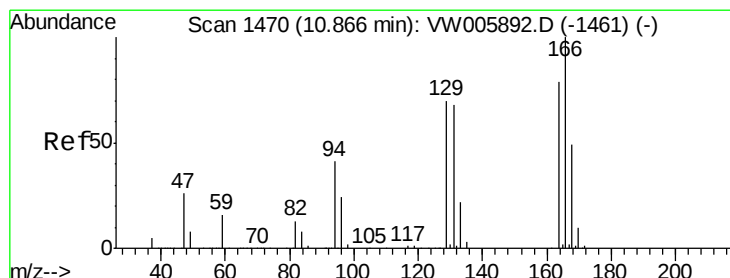
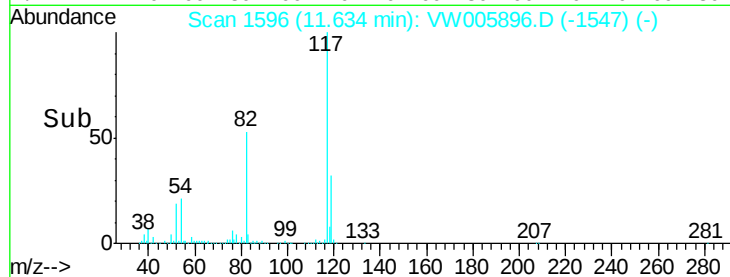
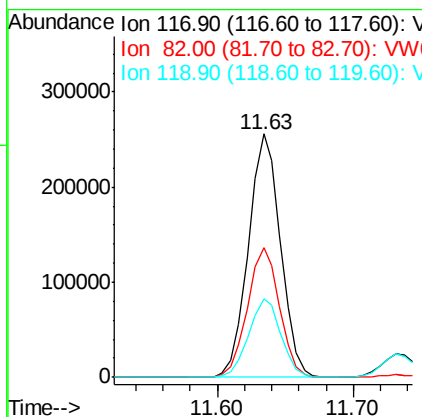
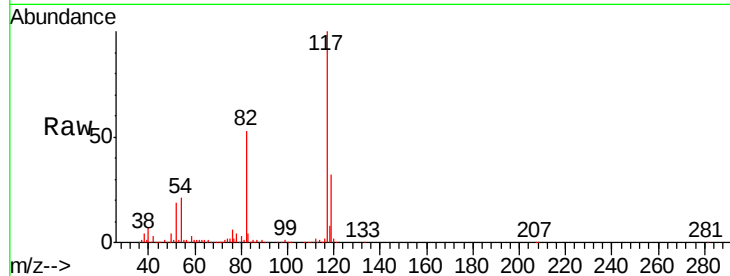
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.5	65.3
119	32.2	25.4	38.2

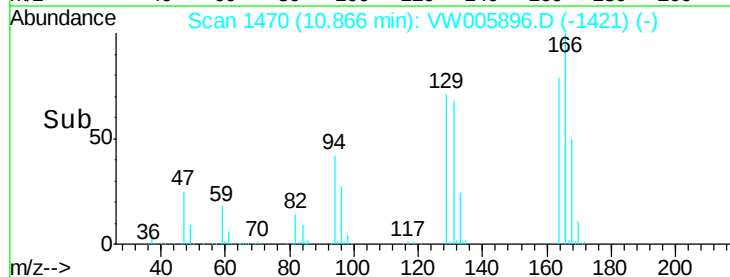
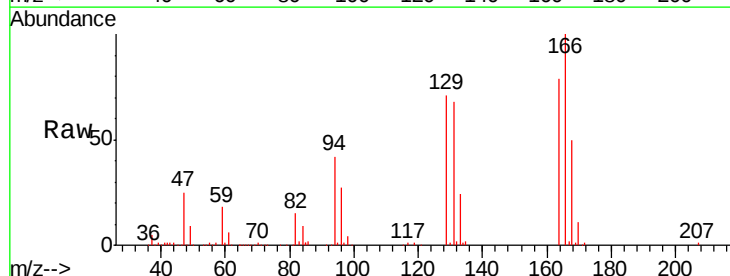
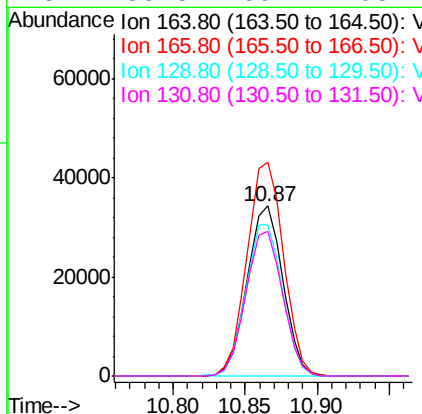
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#64
Tetrachloroethene
Concen: 18.73 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.5	152.3
129	89.3	71.1	106.7
131	85.5	69.1	103.7





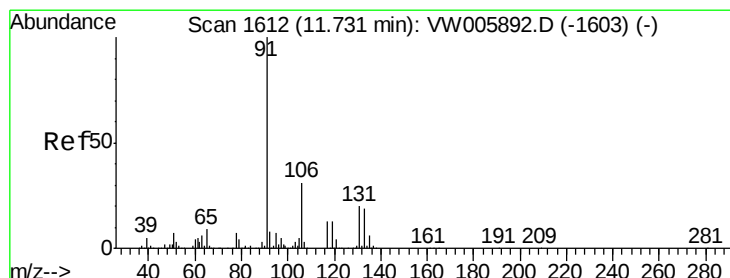
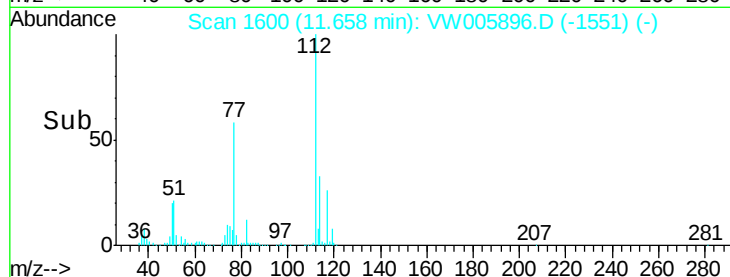
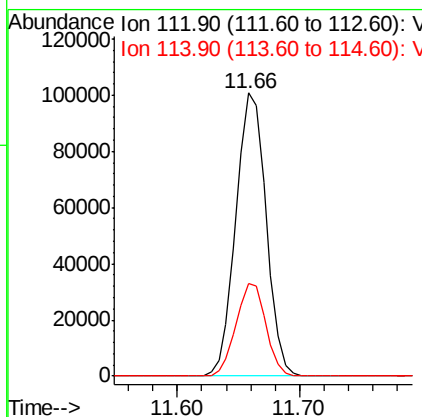
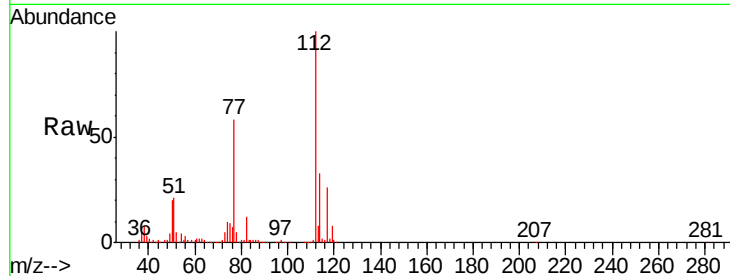
#65
Chlorobenzene
Concen: 19.05 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	172425		
114	32.6	25.6	38.4	

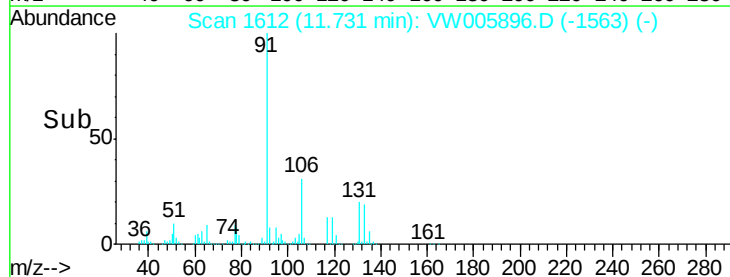
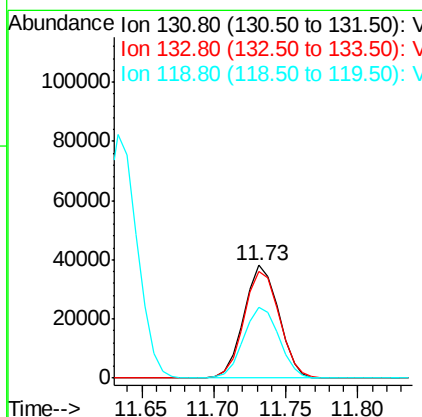
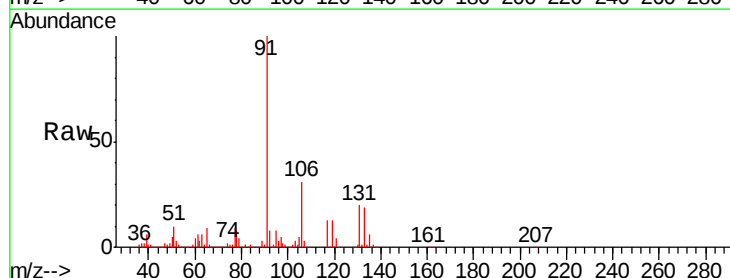
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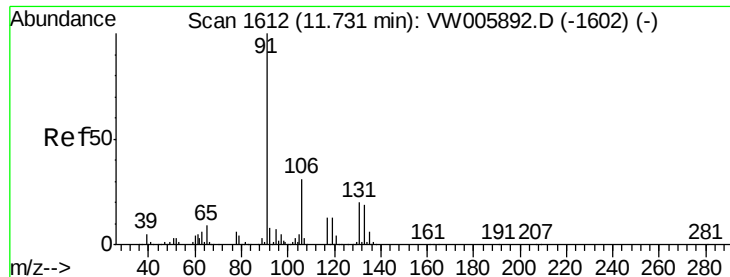
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.27 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	63944		
133	96.3	48.2	144.6	
119	63.8	32.5	97.5	





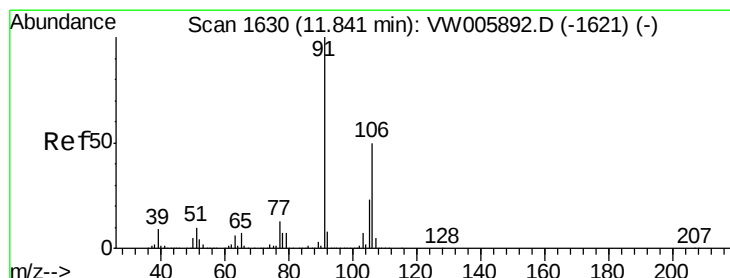
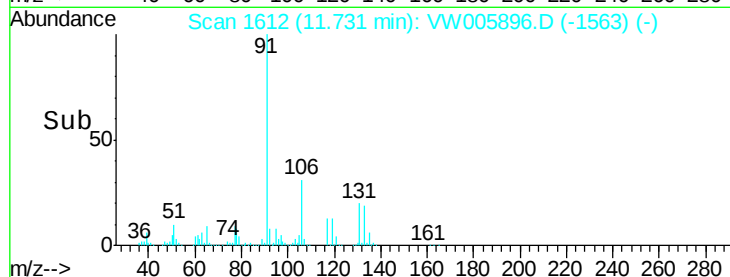
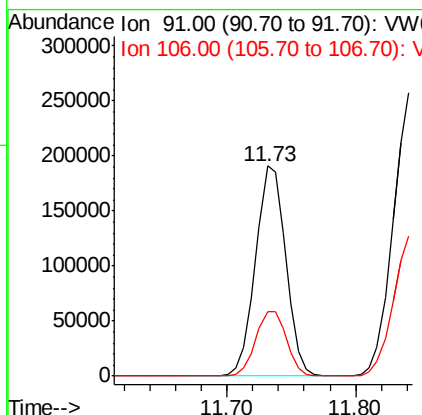
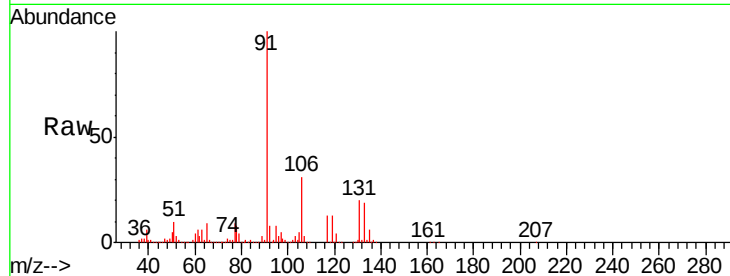
#67
Ethyl Benzene
Concen: 19.31 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion: 91 Resp: 308772
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

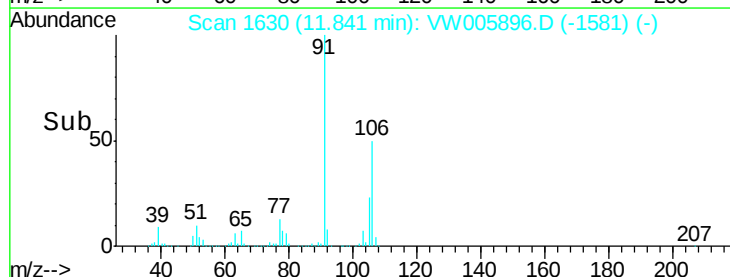
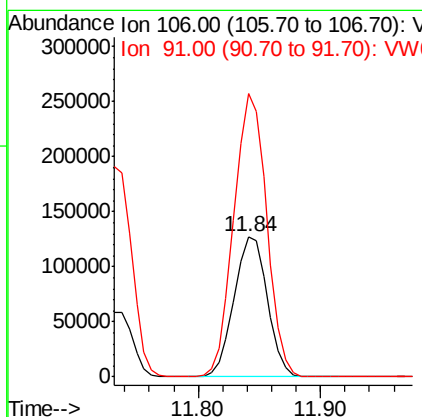
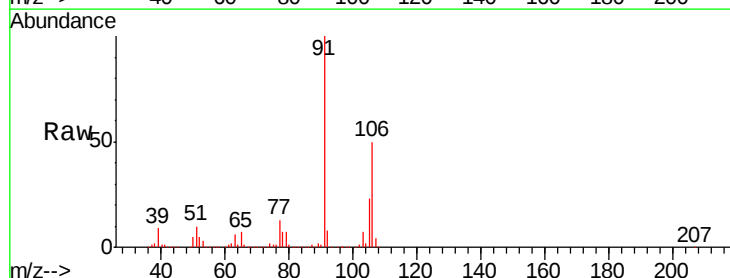
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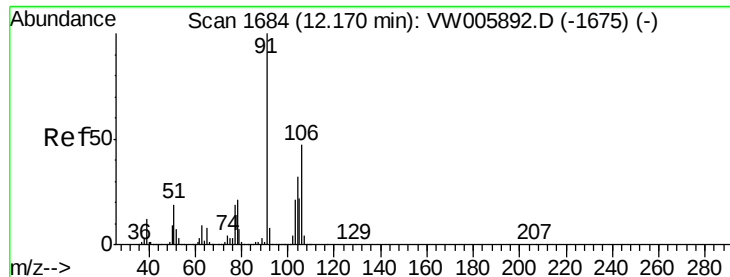
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#68
m/p-Xylenes
Concen: 38.37 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion: 106 Resp: 239753
Ion Ratio Lower Upper
106 100
91 199.7 160.2 240.2





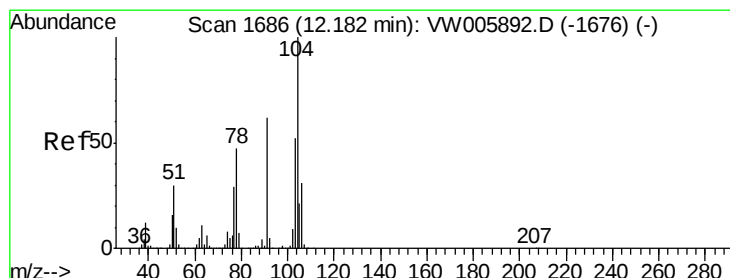
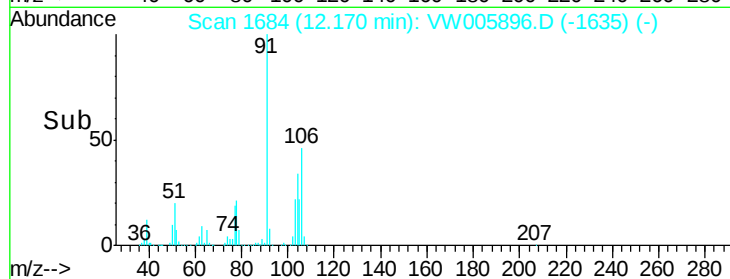
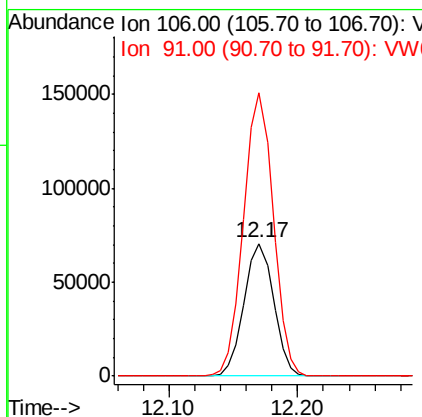
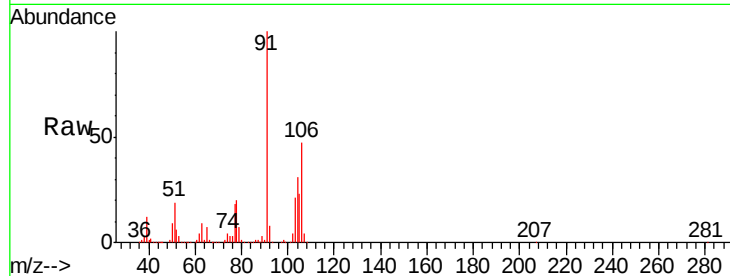
#69
o-Xylene
Concen: 18.90 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion:106 Resp: 113074
Ion Ratio Lower Upper
106 100
91 212.9 106.2 318.5

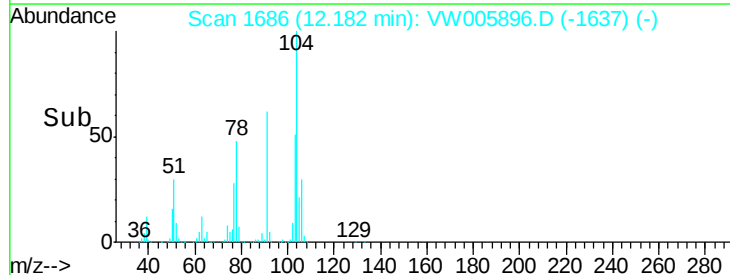
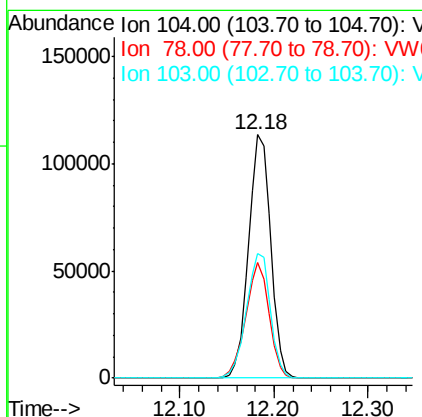
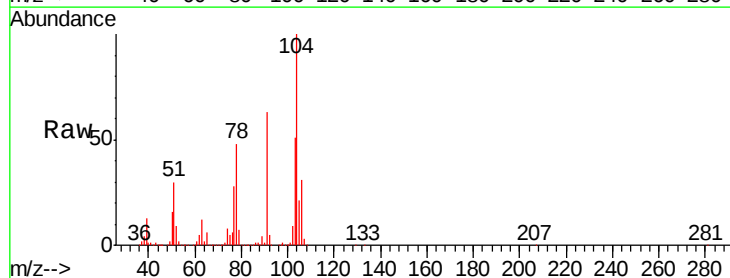
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#70
Styrene
Concen: 19.01 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion:104 Resp: 188677
Ion Ratio Lower Upper
104 100
78 49.8 40.4 60.6
103 55.3 44.2 66.2





#71

Bromoform

Concen: 17.92 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion:173 Resp: 35423

Ion Ratio Lower Upper

173 100

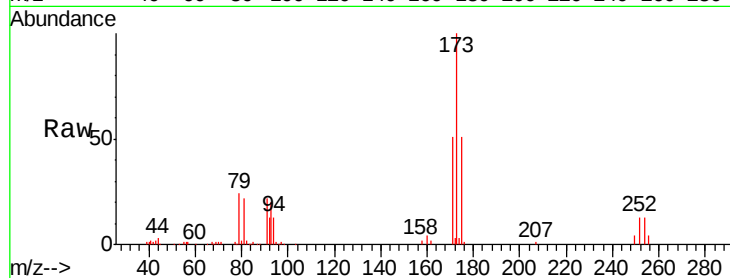
175 49.0 24.7 74.1

254 0.0 0.2 0.2#

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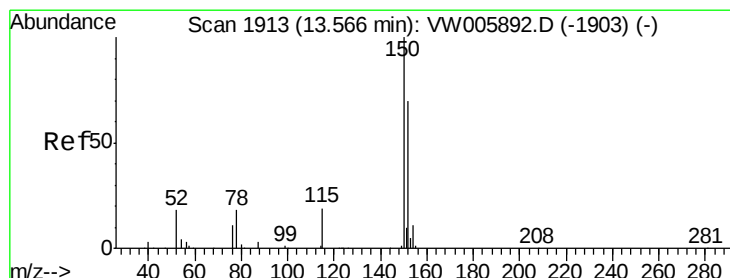
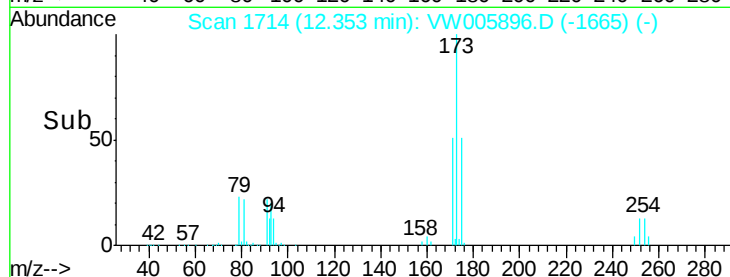
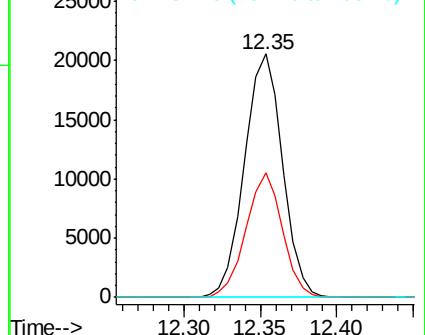
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

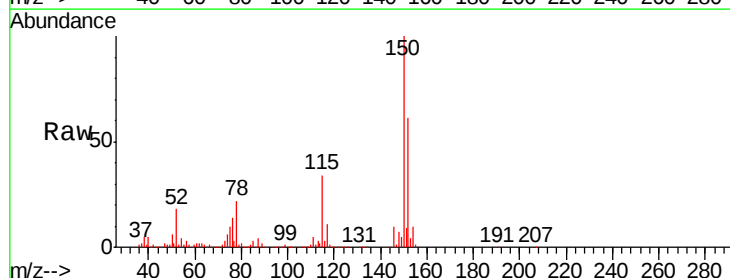
Tgt Ion:152 Resp: 228025

Ion Ratio Lower Upper

152 100

115 56.0 28.3 85.0

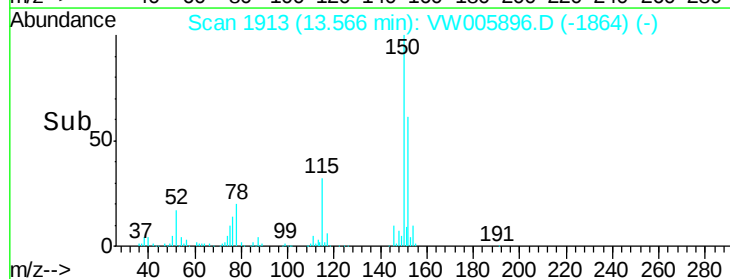
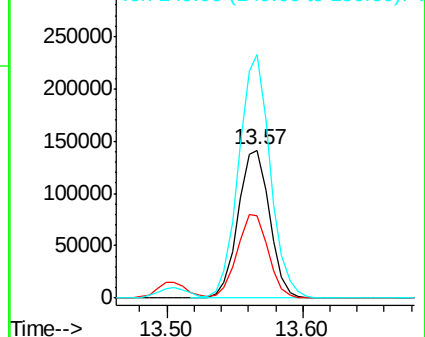
150 164.6 0.0 349.2

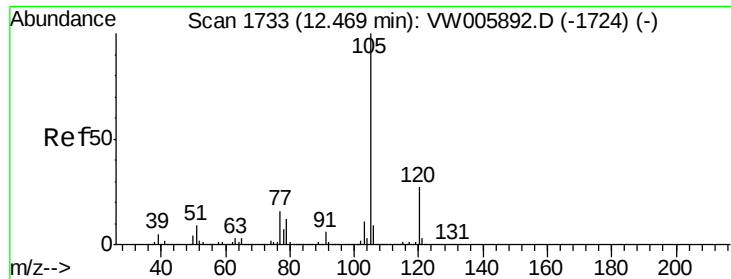


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.34 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 105 Resp: 322133

Ion Ratio Lower Upper

105 100

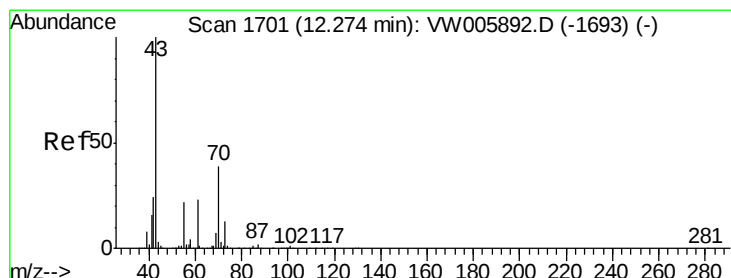
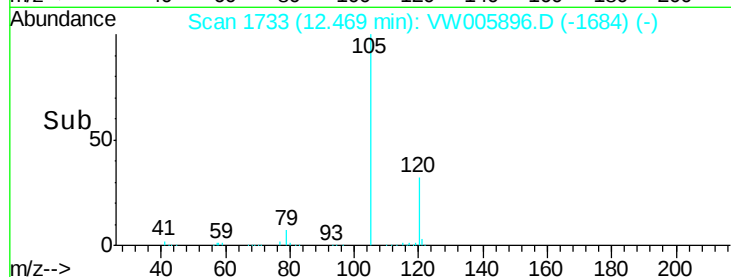
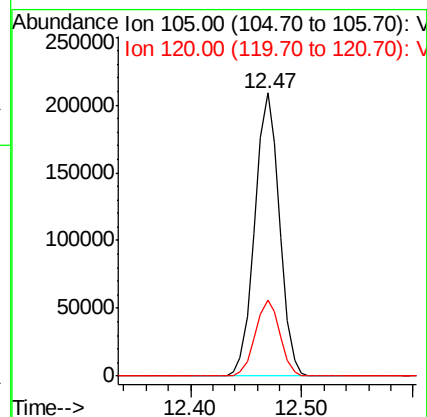
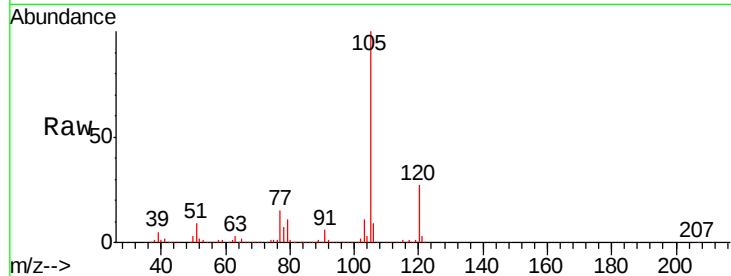
120 27.0 13.6 40.8

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#74

N-ethyl acetate

Concen: 17.41 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion: 43 Resp: 68871

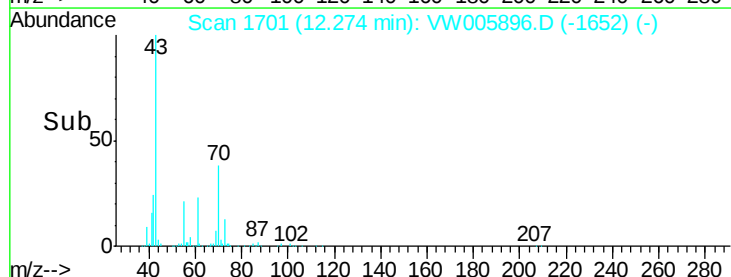
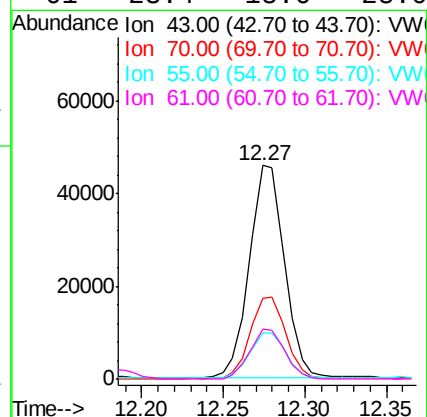
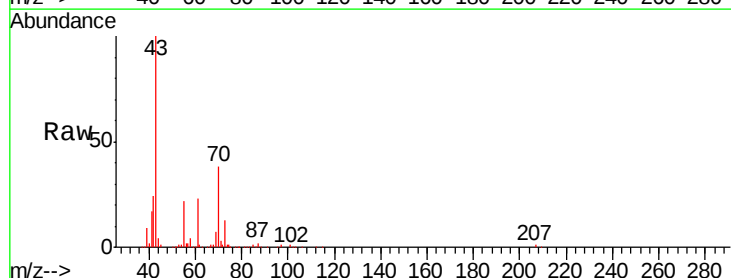
Ion Ratio Lower Upper

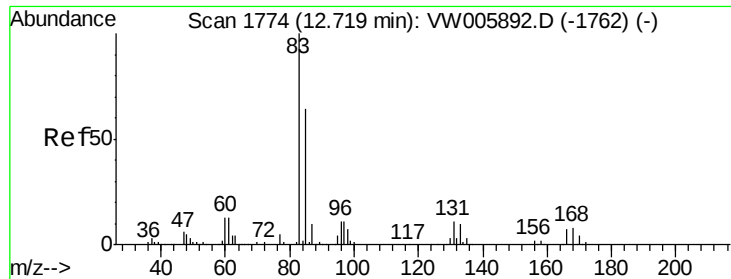
43 100

70 40.1 31.6 47.4

55 22.1 17.9 26.9

61 23.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.85 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

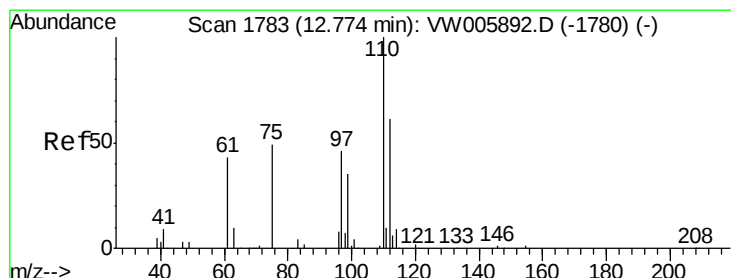
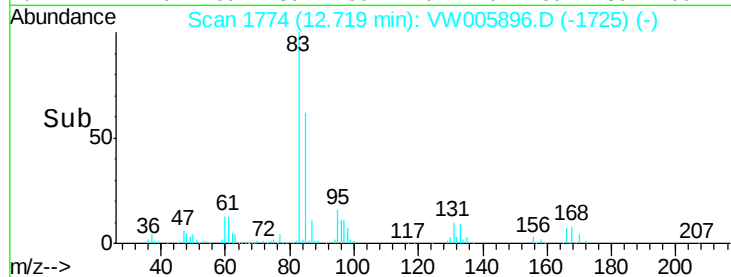
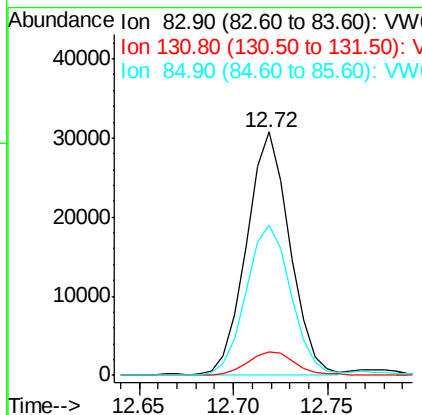
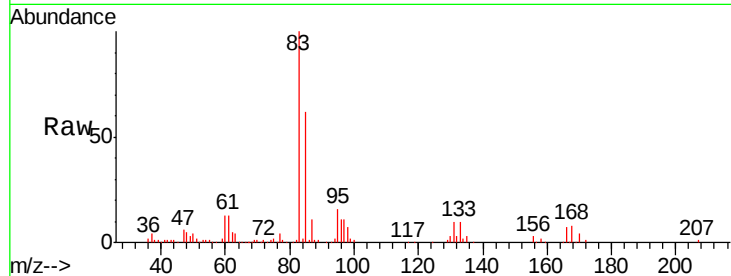
ClientSampleId :

VW1008SBS01

Tgt Ion:	83	Resp:	48709
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.8	17.3
85	64.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.49 ug/l m

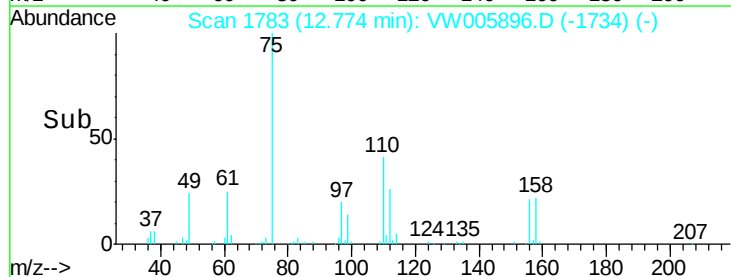
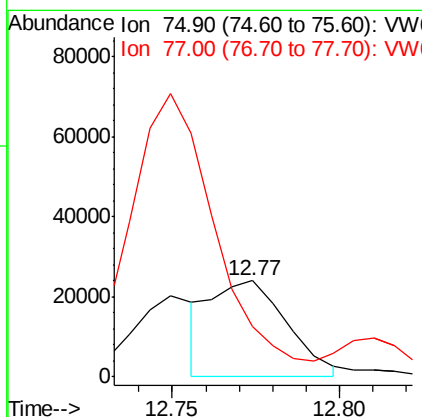
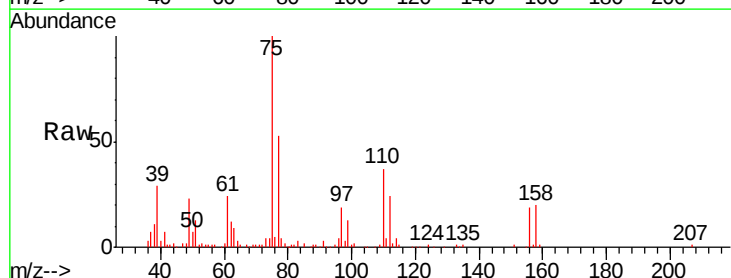
RT: 12.77 min Scan# 1783

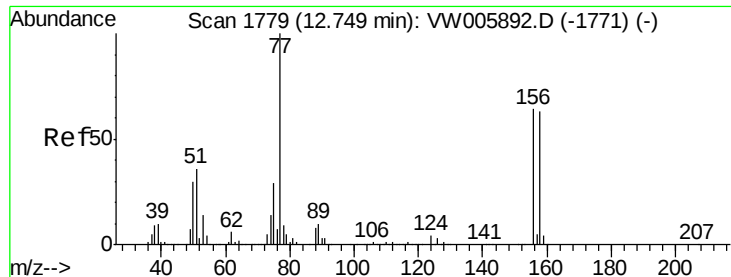
Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion:	75	Resp:	37662
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.42 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

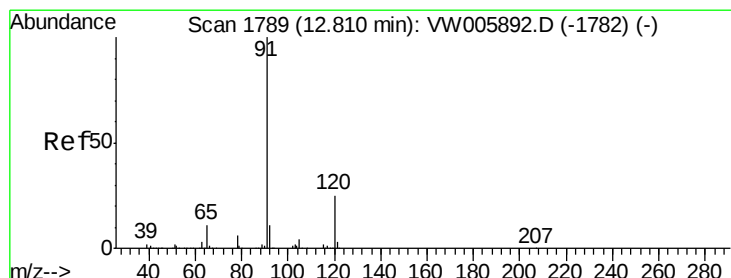
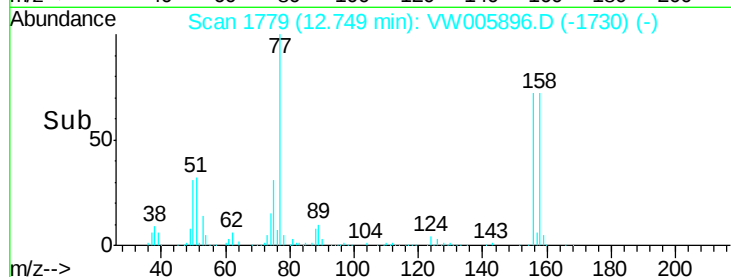
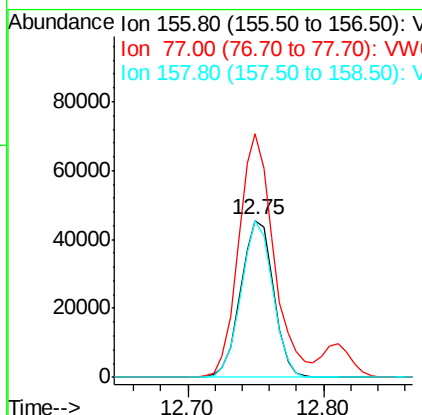
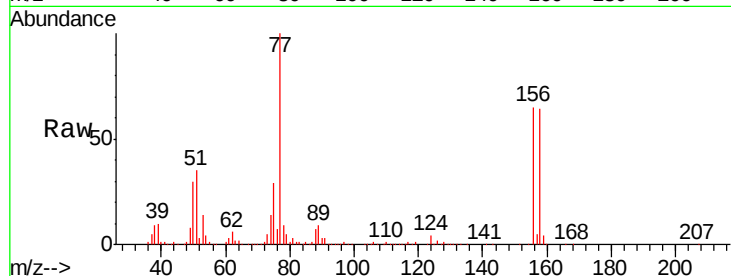
ClientSampleId :

VW1008SBS01

Tgt Ion:	156	Resp:	76601
Ion Ratio	Lower	Upper	
156	100		
77	166.0	85.8	257.4
158	96.7	49.1	147.4

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#78

n-propylbenzene

Concen: 19.31 ug/l

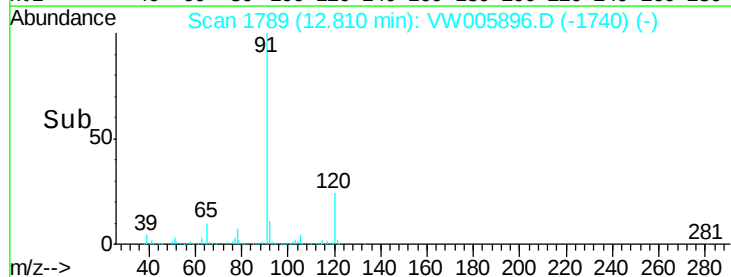
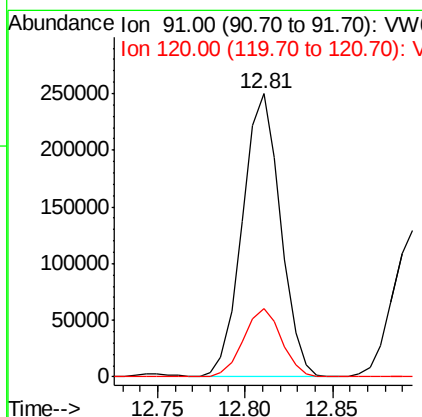
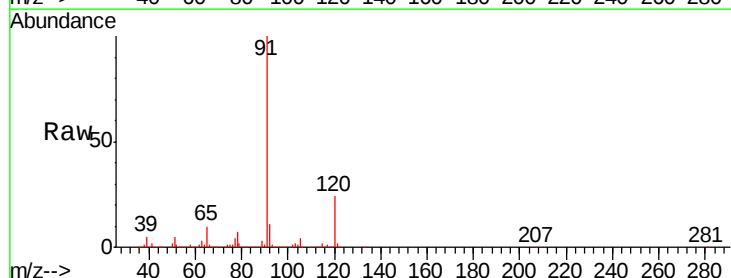
RT: 12.81 min Scan# 1789

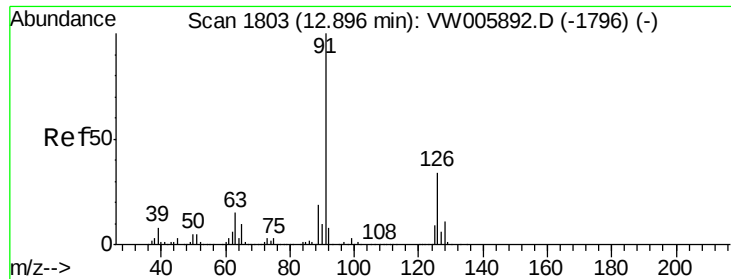
Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Tgt Ion:	91	Resp:	378260
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0





#79

2-Chlorotoluene

Concen: 19.03 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005896.D

Acq: 08 Oct 2018 15:34

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

Tgt Ion: 91 Resp: 210434

Ion Ratio Lower Upper

91 100

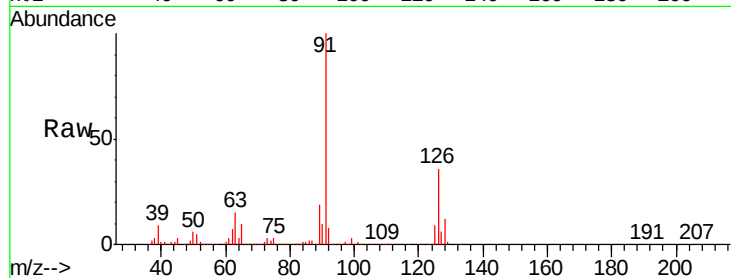
126 36.0 17.5 52.5

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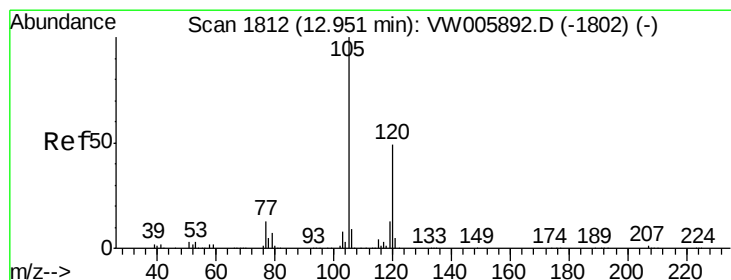
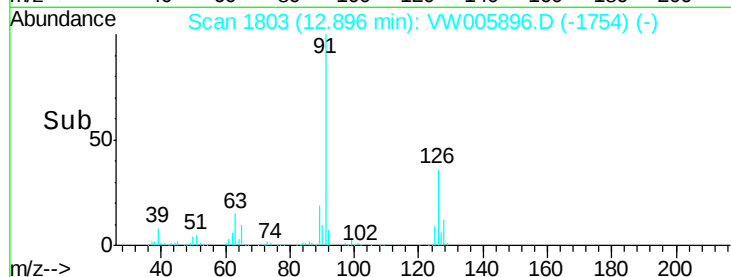
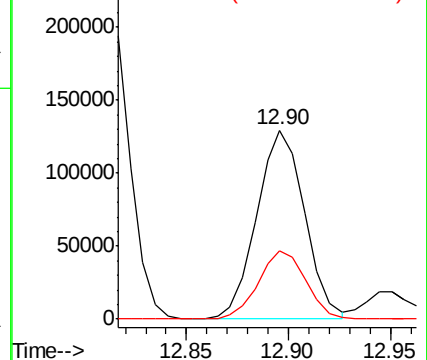
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.36 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005896.D

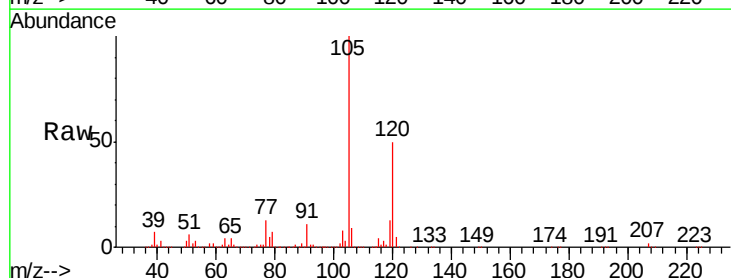
Acq: 08 Oct 2018 15:34

Tgt Ion: 105 Resp: 272191

Ion Ratio Lower Upper

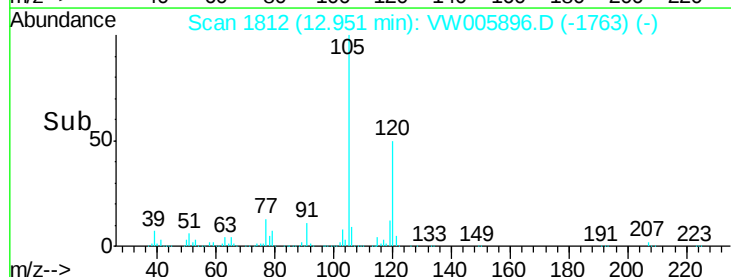
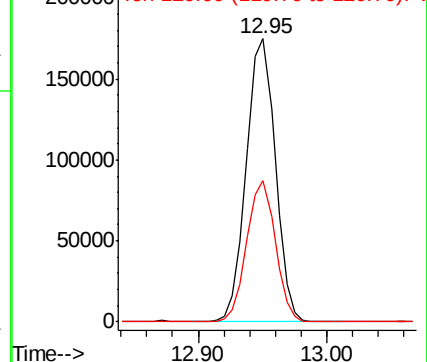
105 100

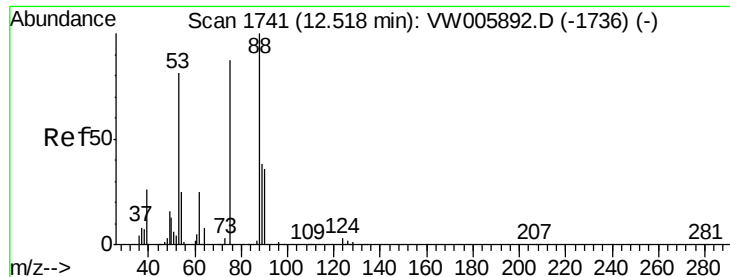
120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





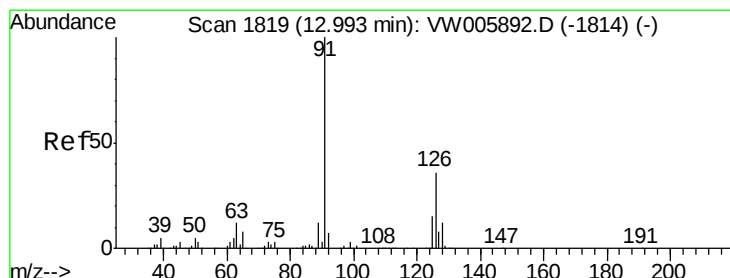
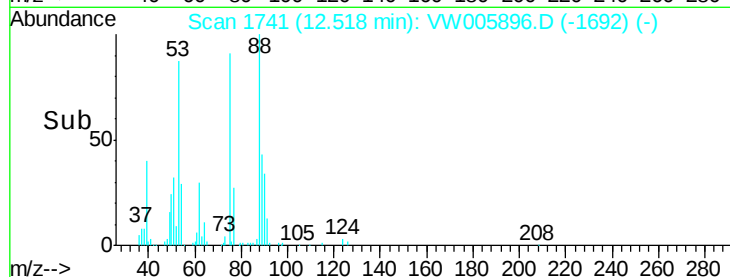
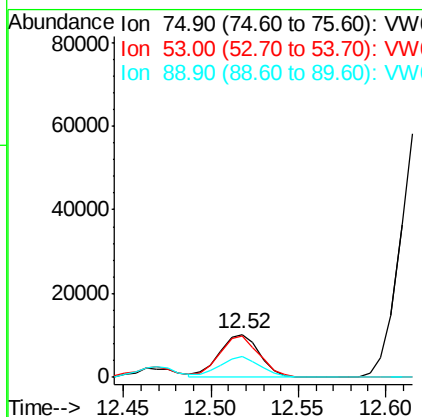
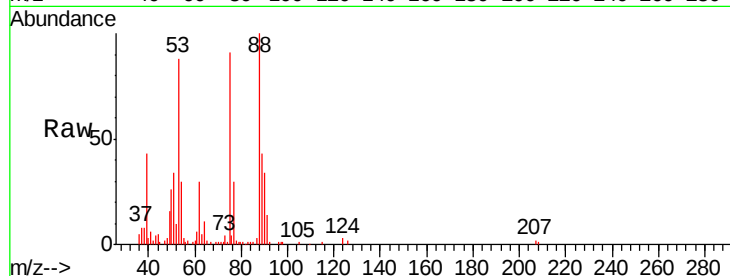
#81
trans-1,4-Dichloro-2-butene
Concen: 16.82 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.1	76.5	114.7
89	47.0	37.6	56.4

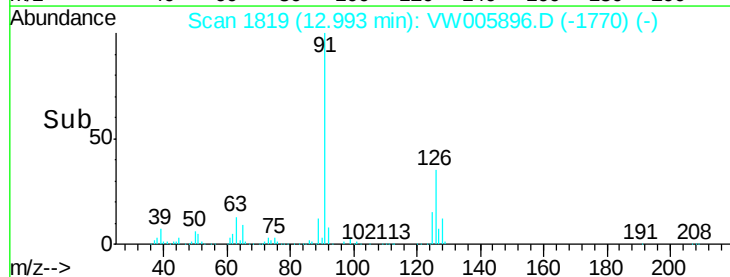
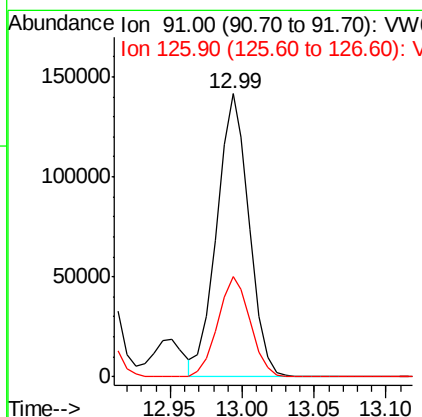
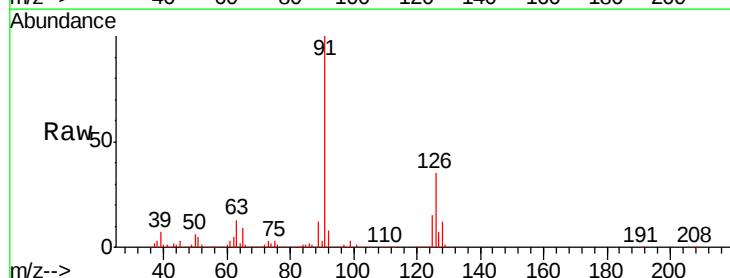
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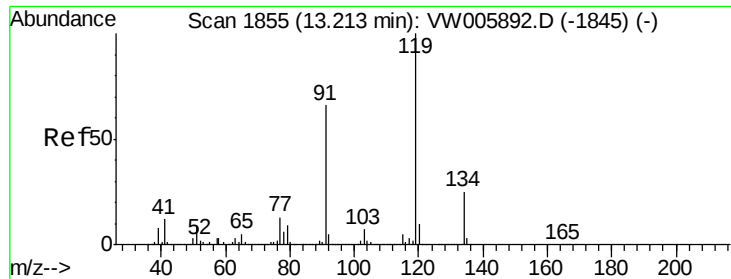
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#82
4-Chlorotoluene
Concen: 18.95 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.4	52.2





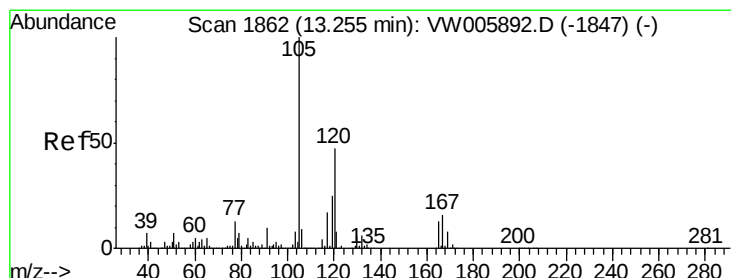
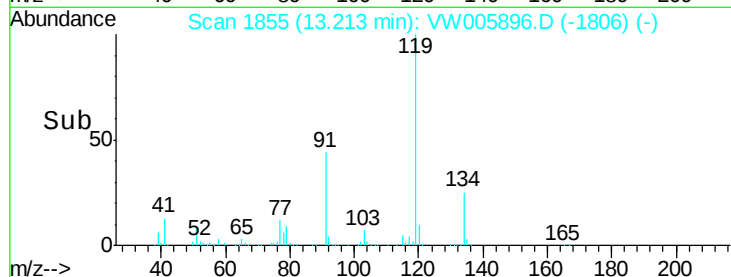
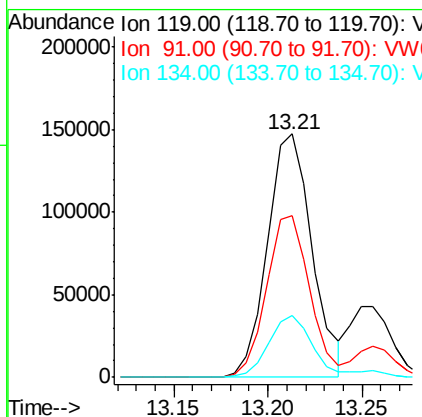
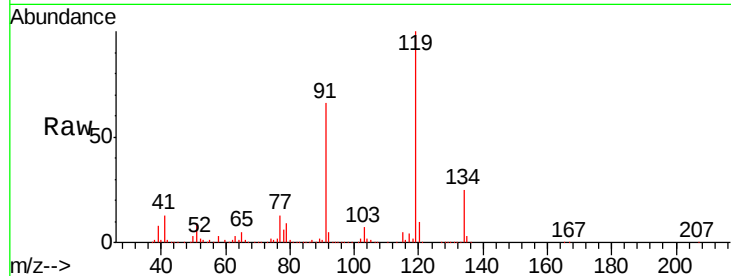
#83
 tert-Butylbenzene
 Concen: 19.37 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.4	97.0
134	26.4	13.2	39.6

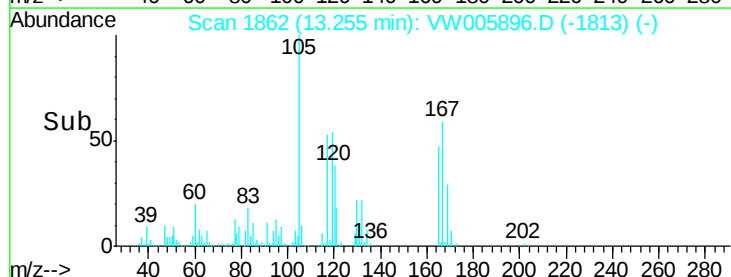
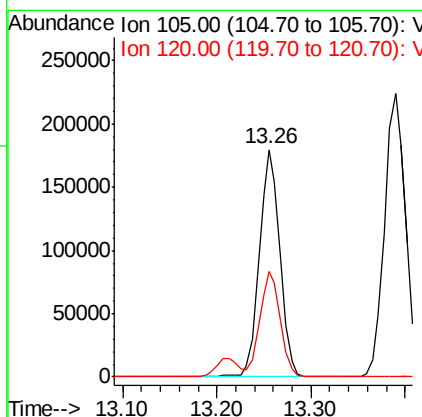
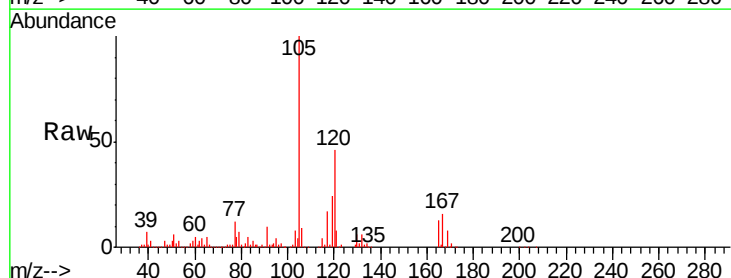
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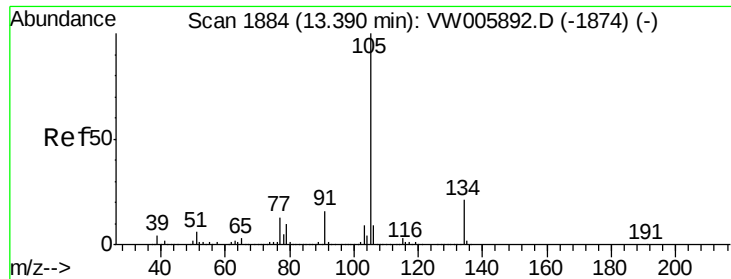
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.47 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3





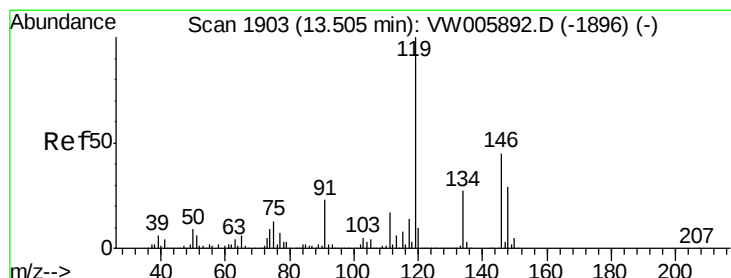
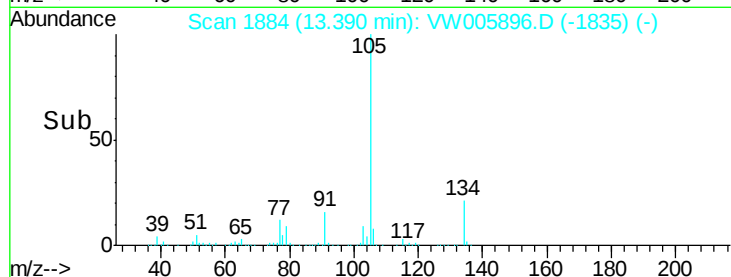
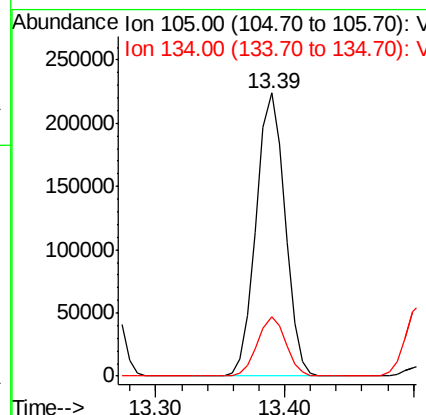
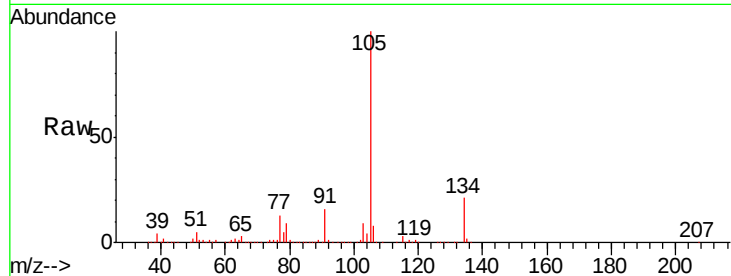
#85
 sec-Butylbenzene
 Concen: 19.69 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion:105 Resp: 345683
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4

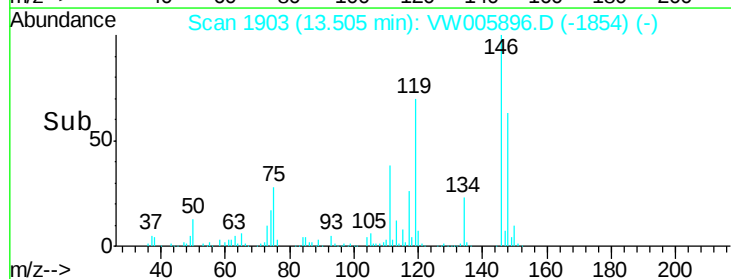
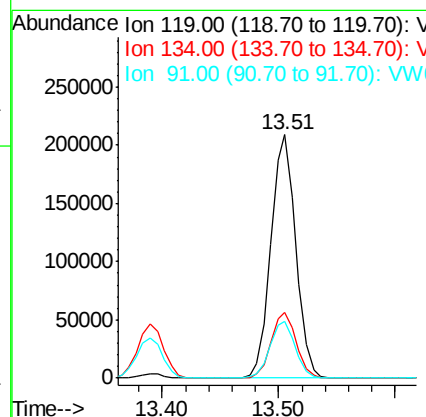
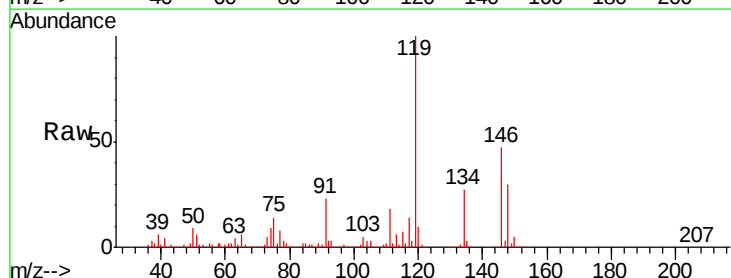
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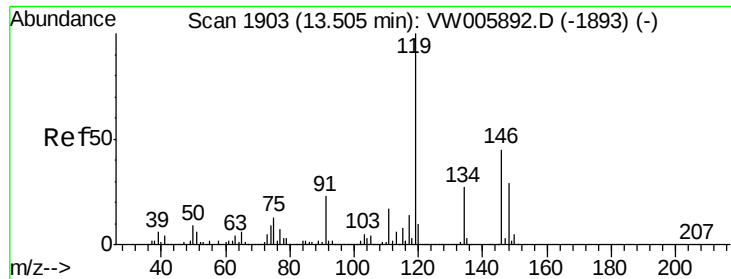
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#86
 p-Isopropyltoluene
 Concen: 19.61 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion:119 Resp: 309470
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 23.6 11.9 35.5





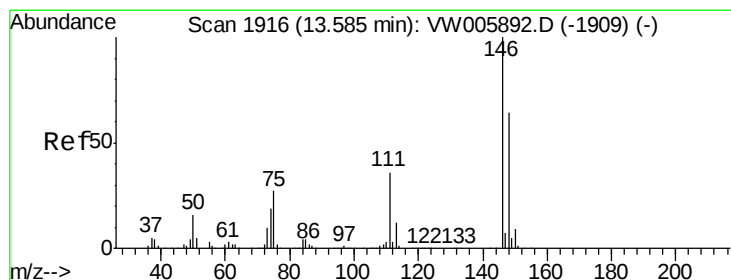
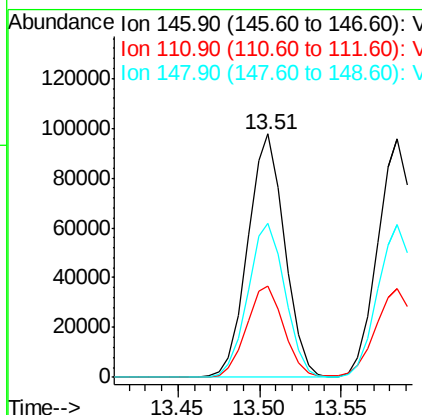
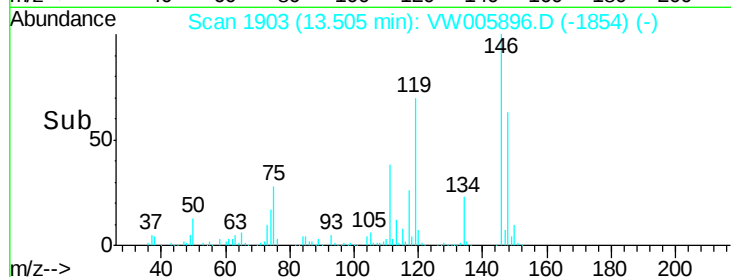
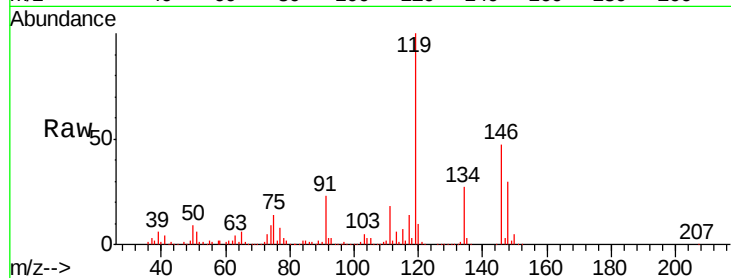
#87
 1,3-Dichlorobenzene
 Concen: 19.55 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.0	32.1	96.5

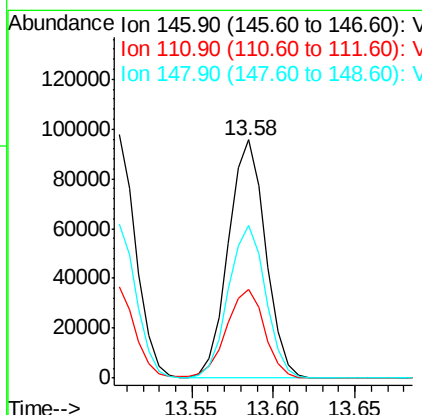
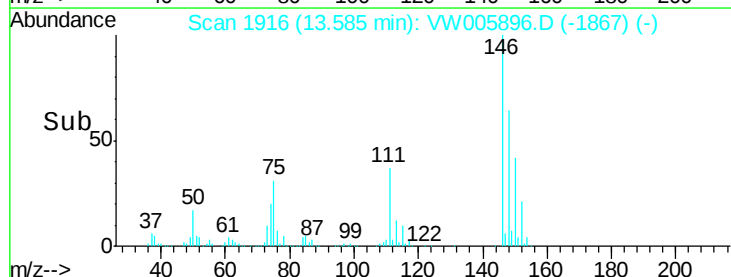
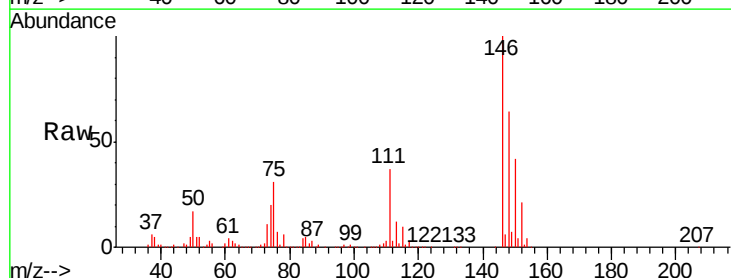
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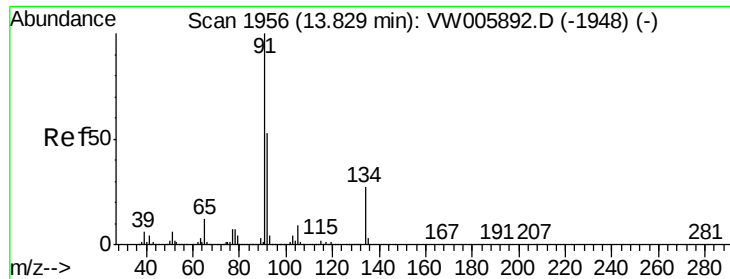
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#88
 1,4-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.4	32.0	96.2





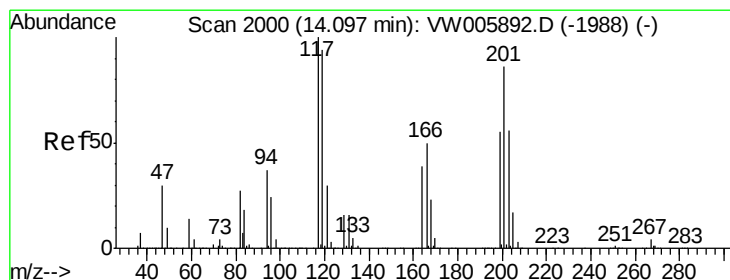
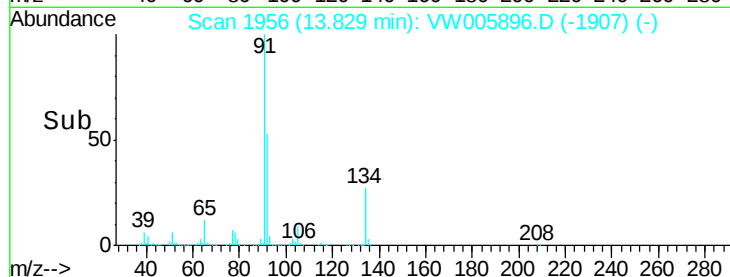
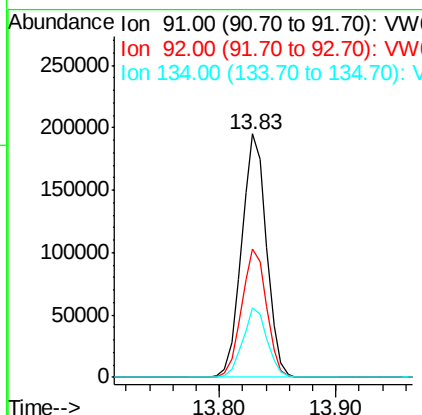
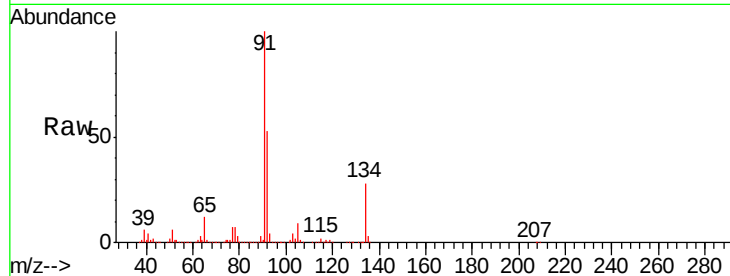
#89
n-Butylbenzene
Concen: 19.45 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.8
134	27.9	13.8	41.4

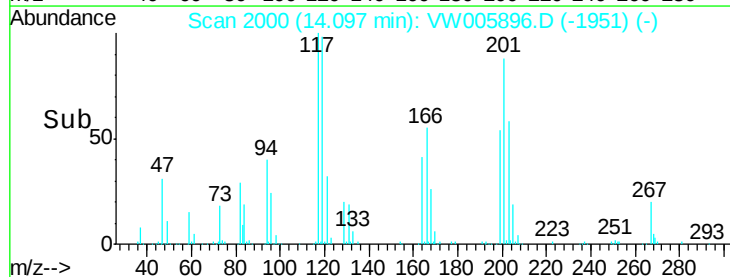
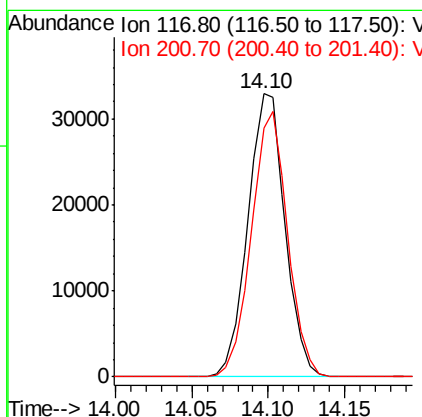
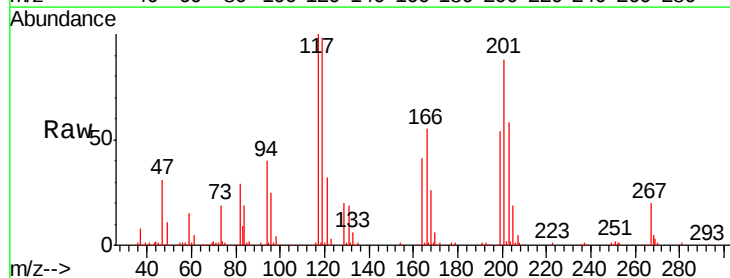
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#90
Hexachloroethane
Concen: 18.73 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.1	44.5	133.5





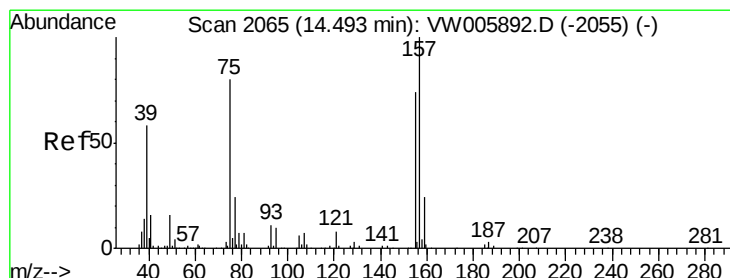
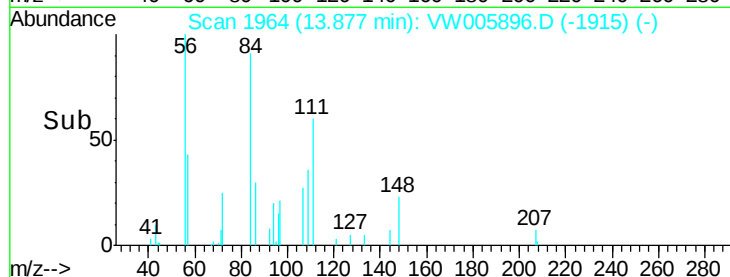
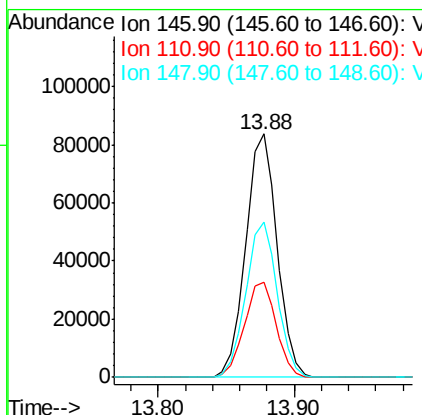
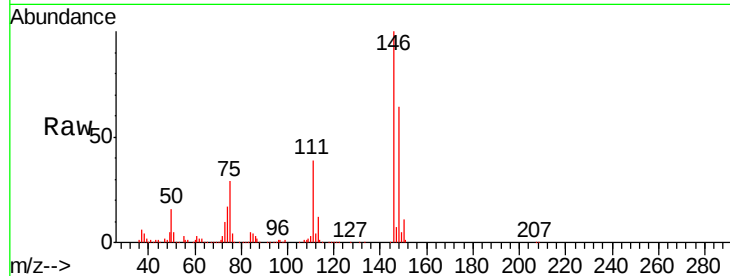
#91
 1,2-Dichlorobenzene
 Concen: 19.43 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135186		
111	39.7	20.3	61.0	
148	64.0	32.5	97.4	

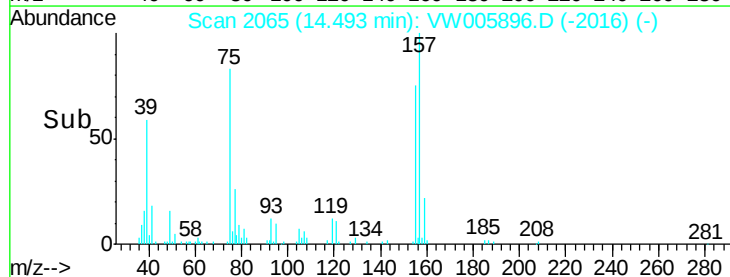
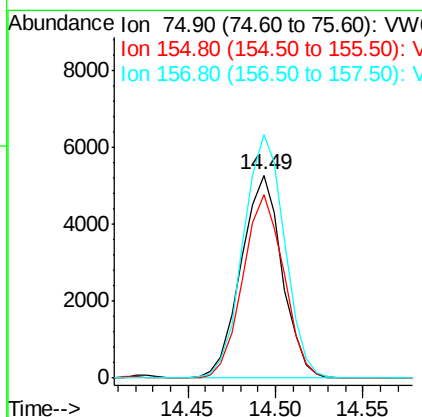
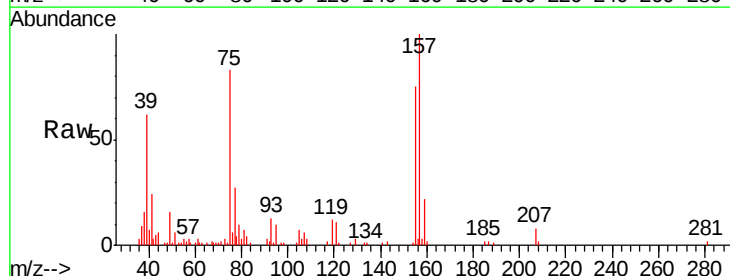
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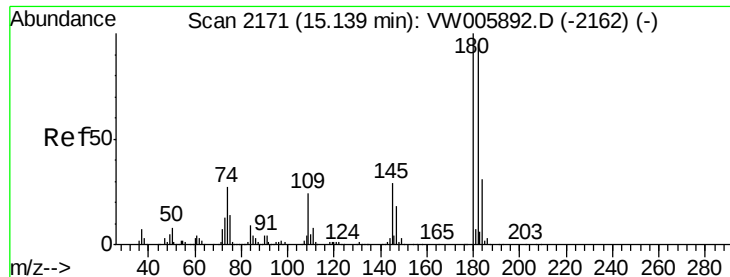
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.87 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8579		
155	90.4	44.8	134.3	
157	121.2	58.9	176.6	





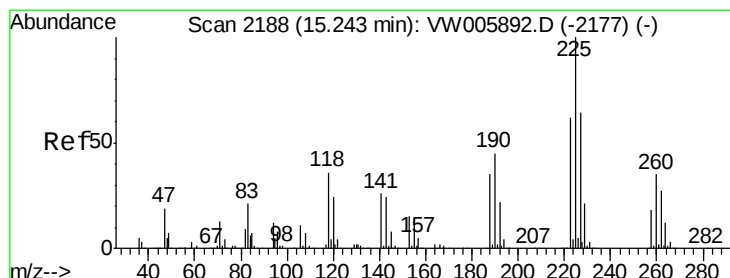
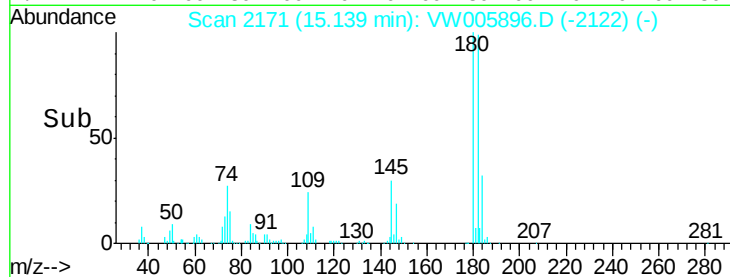
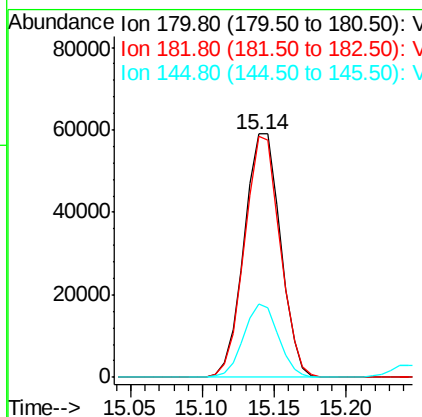
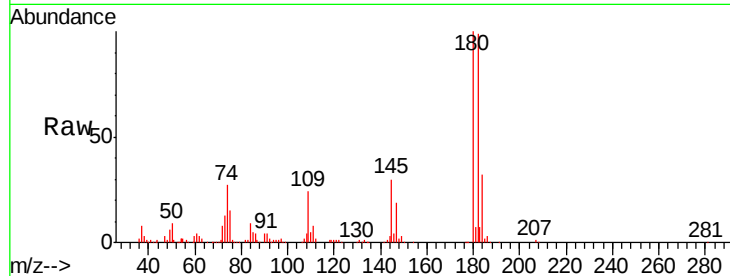
#93
 1,2,4-Trichlorobenzene
 Concen: 19.10 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103082		
182	96.4	47.8	143.3	
145	29.0	14.5	43.6	

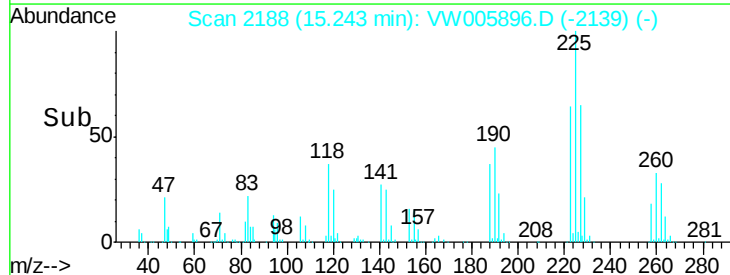
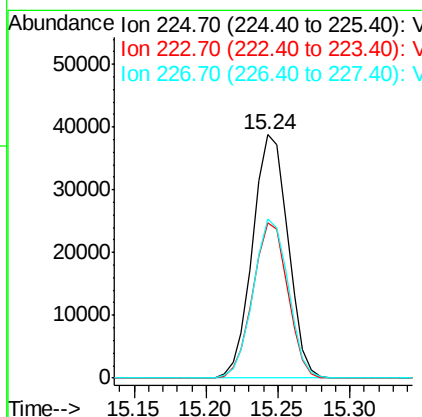
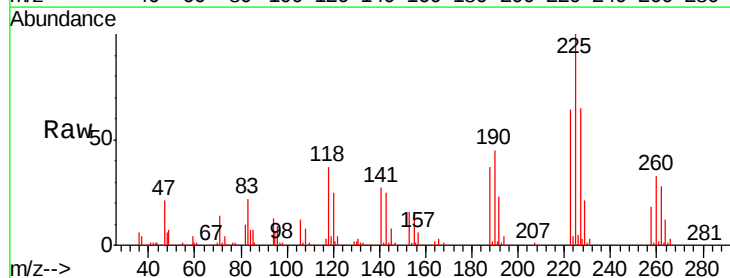
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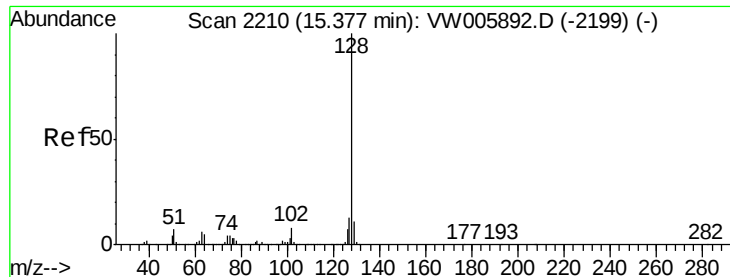
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#94
 Hexachlorobutadiene
 Concen: 19.50 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005896.D
 Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65677		
223	63.0	31.2	93.6	
227	64.7	31.9	95.9	





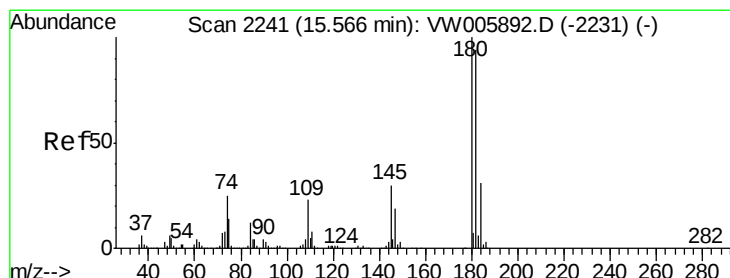
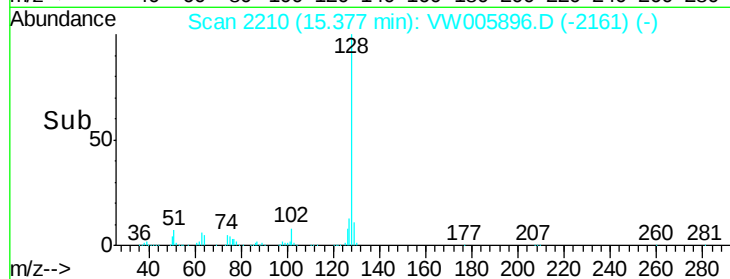
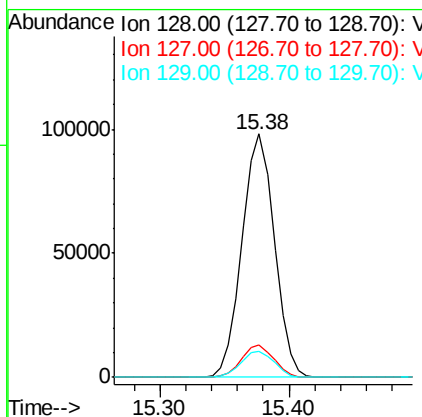
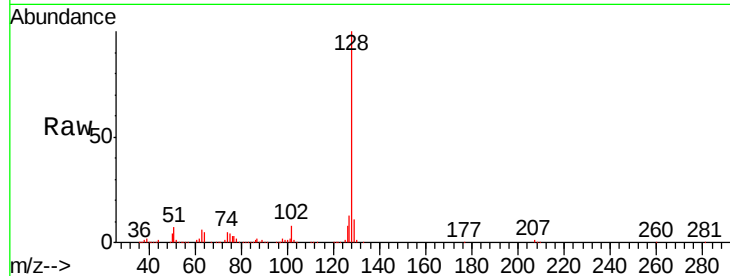
#95
Naphthalene
Concen: 18.41 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	171254		
127	13.4	10.5	15.7	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

apatel
10/9/2018 4:23:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.05 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005896.D
Acq: 08 Oct 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89019		
182	95.0	47.6	142.8	
145	31.1	15.3	45.9	

