

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007883.D
 Acq On : 24 Dec 2018 12:50
 Operator : SY/AP
 Sample : VW1225SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 4:38:36 PM

Quant Time: Dec 25 02:55:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	42028	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.88	113	36907	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	10.32	98	145781	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	55252	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12671	20.453	ug/l	88
3) Chloromethane	2.21	50	11072	29.105	ug/l	100
4) Vinyl Chloride	2.37	62	14286	29.501	ug/l	99
5) Bromomethane	2.78	94	8092	23.992	ug/l	97
6) Chloroethane	2.93	64	7170	27.676	ug/l	91
7) Trichlorofluoromethane	3.25	101	10575	20.976	ug/l	94
8) Diethyl Ether	3.68	74	7604	24.625	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16066	21.638	ug/l	98
10) Methyl Iodide	4.26	142	24864	21.057	ug/l	97
11) Tert butyl alcohol	5.17	59	6900	133.917	ug/l	99
12) 1,1-Dichloroethene	4.03	96	15714	22.855	ug/l	99
13) Acrolein	3.88	56	4911	119.208	ug/l	97
14) Allyl chloride	4.67	41	23021	25.533	ug/l	92
15) Acrylonitrile	5.37	53	16442	124.822	ug/l	99
16) Acetone	4.12	43	17911	125.226	ug/l	96
17) Carbon Disulfide	4.37	76	44129	20.741	ug/l	99
18) Methyl Acetate	4.67	43	8812	25.906	ug/l	91
19) Methyl tert-butyl Ether	5.43	73	24803	25.128	ug/l	94
20) Methylene Chloride	4.90	84	25218	33.128	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	16240	21.477	ug/l	96
22) Diisopropyl ether	6.31	45	42421	25.127	ug/l	96
23) Vinyl Acetate	6.26	43	126193	125.810	ug/l	98
24) 1,1-Dichloroethane	6.21	63	27997	22.542	ug/l	97
25) 2-Butanone	7.17	43	21504	128.360	ug/l	95
26) 2,2-Dichloropropane	7.16	77	21494	23.650	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	17618	21.869	ug/l	95
28) Bromochloromethane	7.51	49	9612	22.699	ug/l	87
29) Tetrahydrofuran	7.53	42	13638	136.478	ug/l	93
30) Chloroform	7.67	83	29613	21.069	ug/l	99
31) Cyclohexane	7.95	56	27263	23.978	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	27597	21.559	ug/l	98
36) 1,1-Dichloropropene	8.08	75	24584	22.656	ug/l	99
37) Ethyl Acetate	7.26	43	9353	24.975	ug/l	99
38) Carbon Tetrachloride	8.07	117	25557	19.999	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31137	23.092	ug/l	98
40) Benzene	8.32	78	64067	22.125	ug/l	98
41) Methacrylonitrile	7.48	41	5184	24.382	ug/l	97
42) 1,2-Dichloroethane	8.40	62	20624	21.253	ug/l	98
43) Isopropyl Acetate	8.43	43	19178	25.561	ug/l	96
44) Trichloroethene	9.09	130	18019	20.577	ug/l	90
45) 1,2-Dichloropropane	9.37	63	14882	23.162	ug/l	98
46) Dibromomethane	9.46	93	8428	21.309	ug/l	95
47) Bromodichloromethane	9.65	83	21160	20.351	ug/l	99
48) Methyl methacrylate	9.44	41	9872m	26.360	ug/l	
49) 1,4-Dioxane	9.45	88	2921	465.819	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	44655	125.938	ug/l	98
52) Toluene	10.39	92	43667	22.477	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	22494	21.750	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	25275	22.125	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	12132	22.250	ug/l	98
56) Ethyl methacrylate	10.65	69	15295	23.742	ug/l	95
57) 1,3-Dichloropropane	10.93	76	20923	23.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	35943	122.201	ug/l	97
59) 2-Hexanone	10.97	43	32940	132.096	ug/l	97
60) Dibromochloromethane	11.13	129	14175	19.634	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12090	21.896	ug/l	100
64) Tetrachloroethene	10.87	164	14882	20.937	ug/l	98
65) Chlorobenzene	11.66	112	47654	21.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15690	20.211	ug/l	97
67) Ethyl Benzene	11.73	91	85428	22.914	ug/l	95
68) m/p-Xylenes	11.84	106	65249	45.117	ug/l	99
69) o-Xylene	12.17	106	30232	22.301	ug/l	98
70) Styrene	12.18	104	49757	22.329	ug/l	99
71) Bromoform	12.35	173	7806	19.370	ug/l #	97
73) Isopropylbenzene	12.47	105	87902	23.262	ug/l	100
74) N-amyl acetate	12.27	43	17626	26.928	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	13429	23.702	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8556m	22.143	ug/l	
77) Bromobenzene	12.75	156	18710	21.605	ug/l	94
78) n-propylbenzene	12.81	91	101548	23.085	ug/l	99
79) 2-Chlorotoluene	12.90	91	58934	22.998	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	74056	22.720	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4354	23.653	ug/l	96
82) 4-Chlorotoluene	12.99	91	61698	22.613	ug/l	100
83) tert-Butylbenzene	13.21	119	66189	23.143	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	74661	22.700	ug/l	100
85) sec-Butylbenzene	13.39	105	92745	23.530	ug/l	99
86) p-Isopropyltoluene	13.51	119	81571	22.759	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	38261	22.252	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	37818	21.988	ug/l	99
89) n-Butylbenzene	13.83	91	76877	23.394	ug/l	99
90) Hexachloroethane	14.10	117	12410	19.722	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	33755	21.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2547	21.890	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23785	22.257	ug/l	99
94) Hexachlorobutadiene	15.24	225	12878	22.549	ug/l	98
95) Naphthalene	15.37	128	47634	24.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20536	22.450	ug/l	100

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

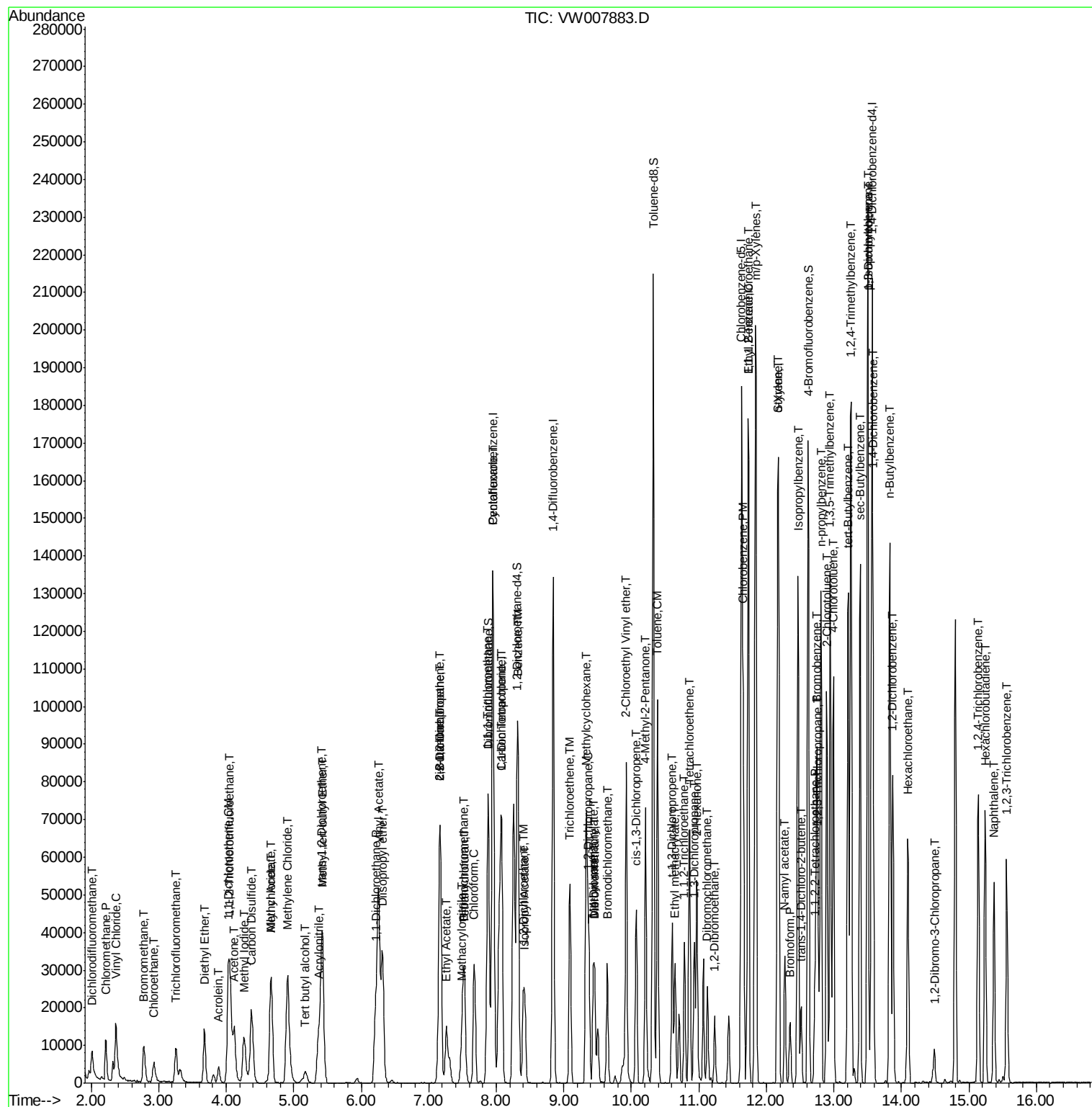
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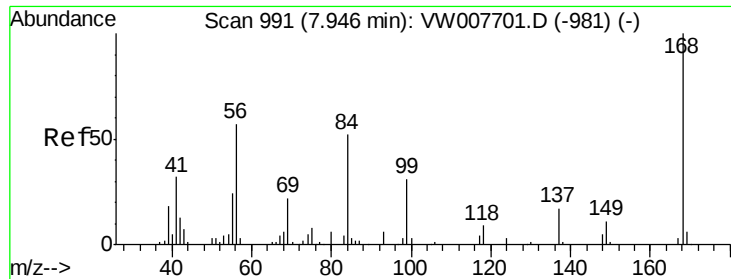
Instrument :
MSVOA_W
Client Sampled :
VW1225SBS02

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion:168 Resp: 69687

Ion Ratio Lower Upper

168 100

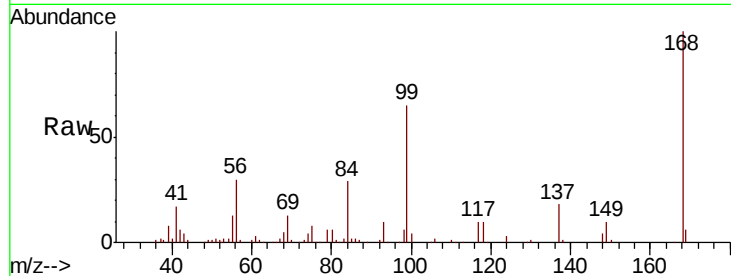
99 64.6 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

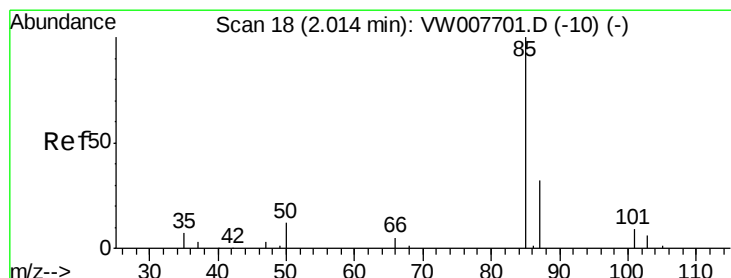
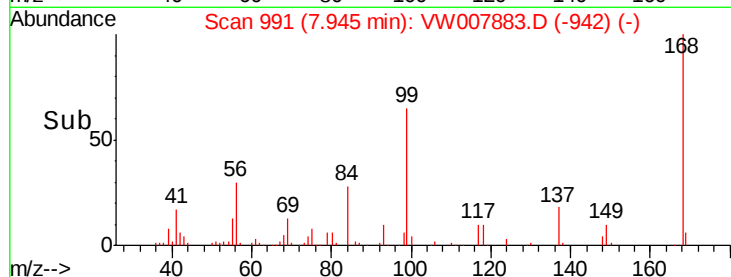
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 20.453 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007883.D

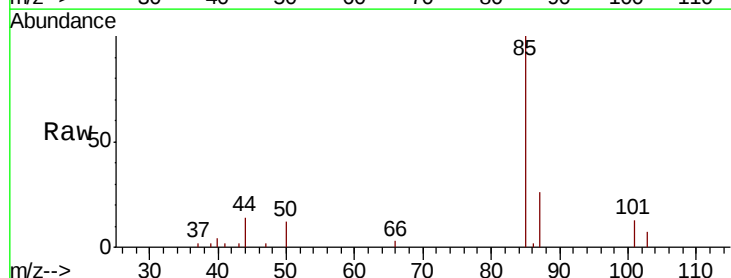
Acq: 24 Dec 2018 12:50

Tgt Ion: 85 Resp: 12671

Ion Ratio Lower Upper

85 100

87 25.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

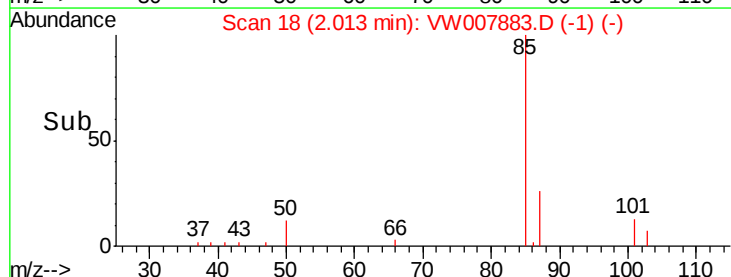
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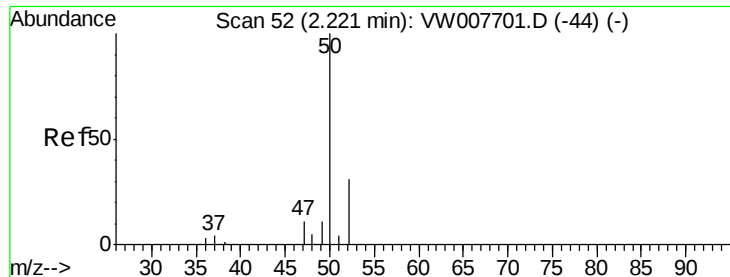
1000

0

Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 29.105 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion: 50 Resp: 11072

Ion Ratio Lower Upper

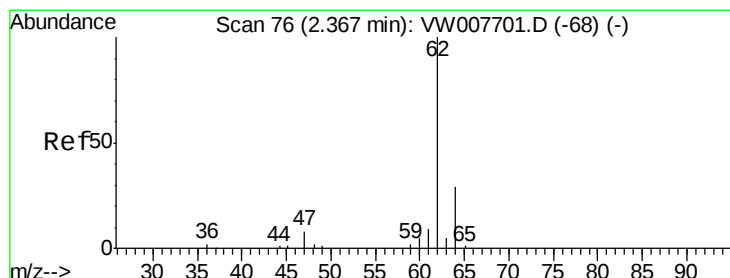
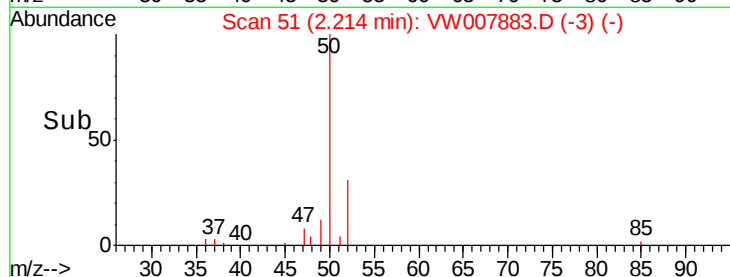
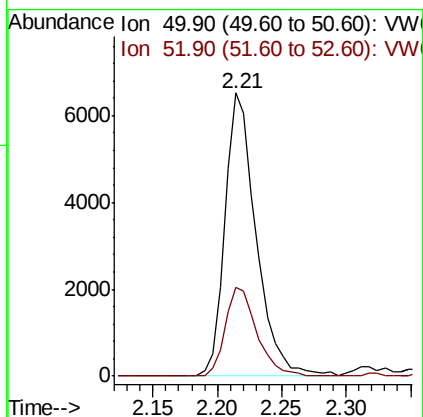
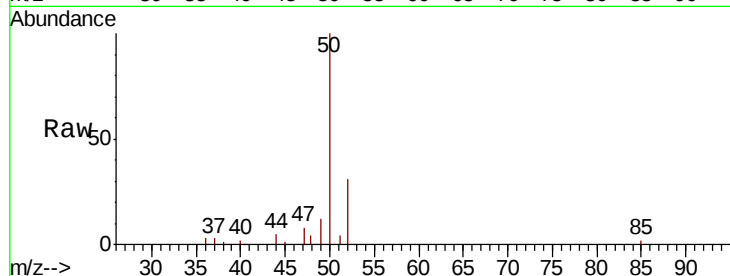
50 100

52 31.3 25.1 37.7

Manual Integrations
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12/26/2018 4:38:36 PM



#4

Vinyl Chloride

Concen: 29.501 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007883.D

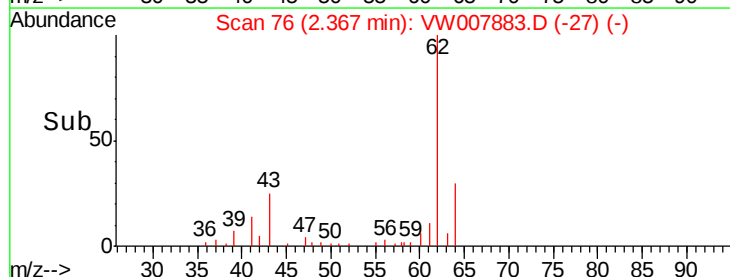
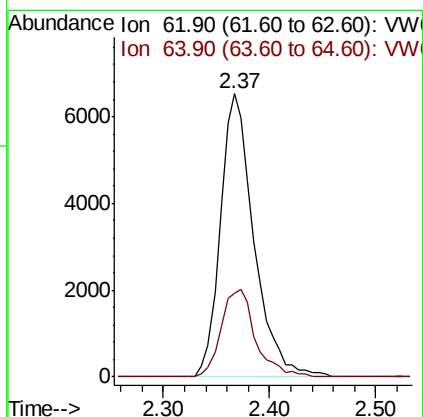
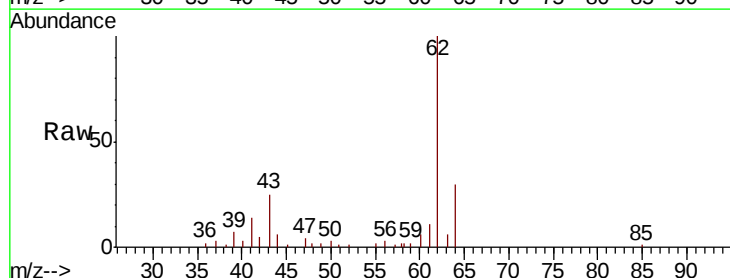
Acq: 24 Dec 2018 12:50

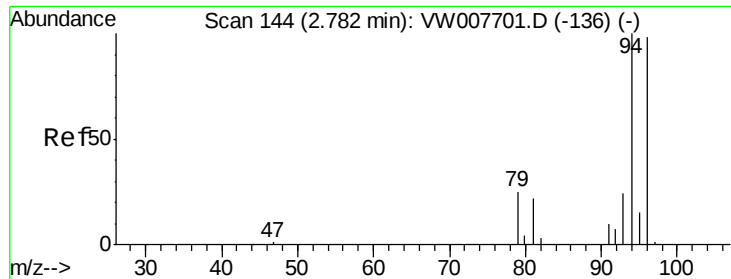
Tgt Ion: 62 Resp: 14286

Ion Ratio Lower Upper

62 100

64 29.8 23.4 35.0





#5

Bromomethane

Concen: 23.992 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion: 94 Resp: 8092

Ion Ratio Lower Upper

94 100

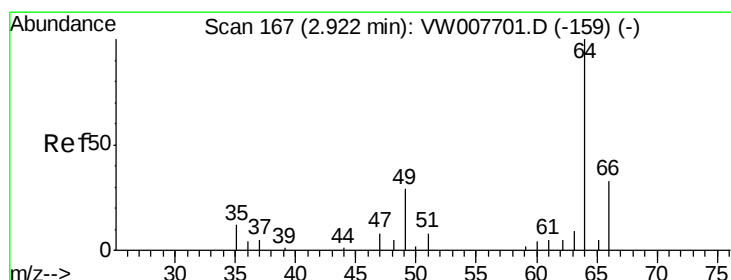
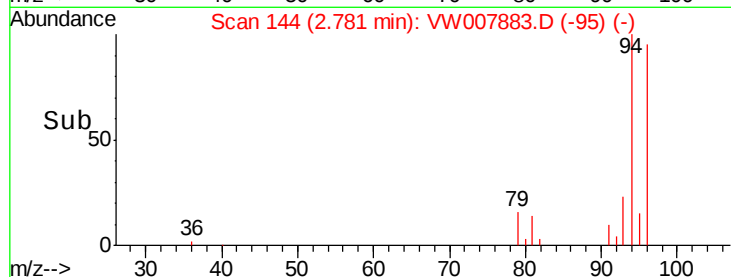
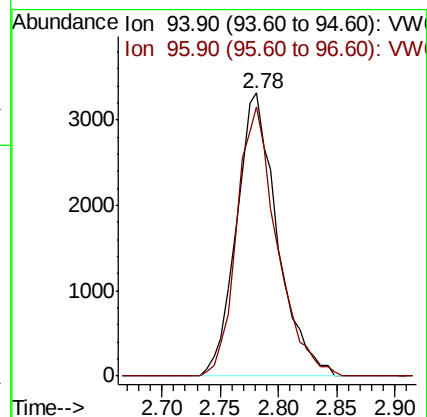
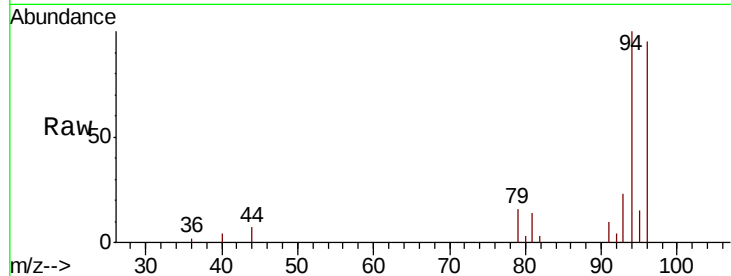
96 95.0 78.2 117.2

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 27.676 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007883.D

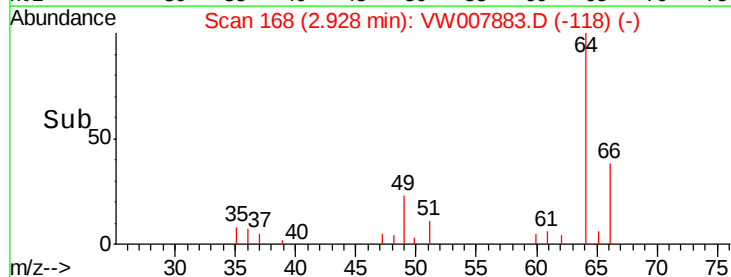
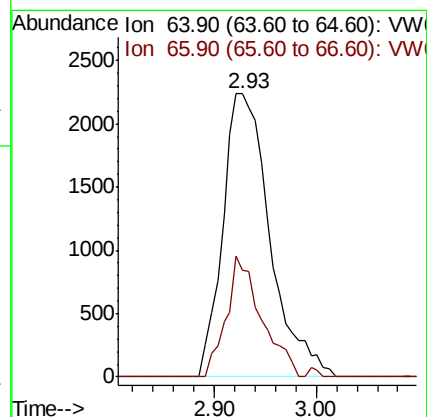
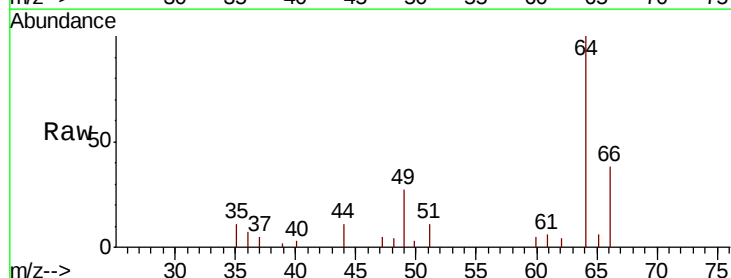
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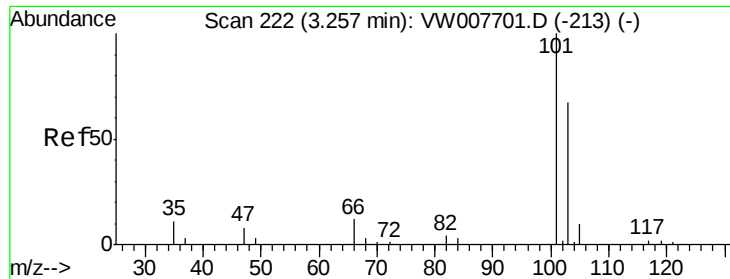
Tgt Ion: 64 Resp: 7170

Ion Ratio Lower Upper

64 100

66 37.6 26.2 39.4





#7

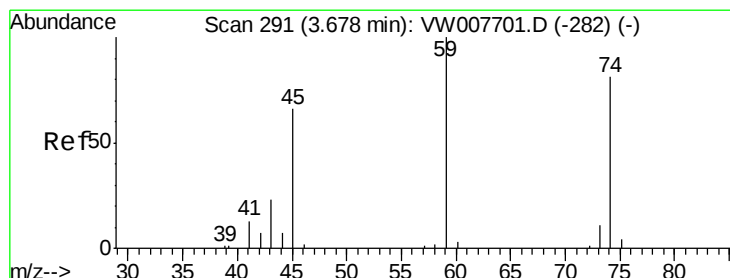
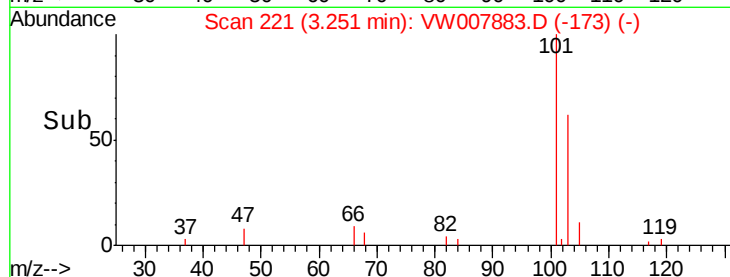
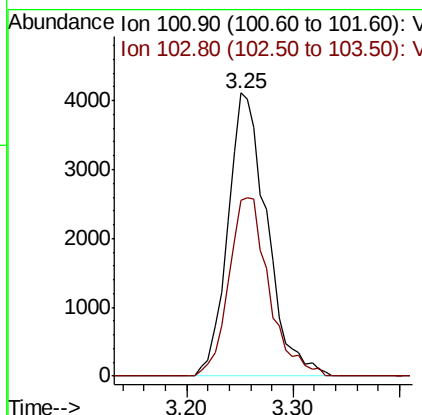
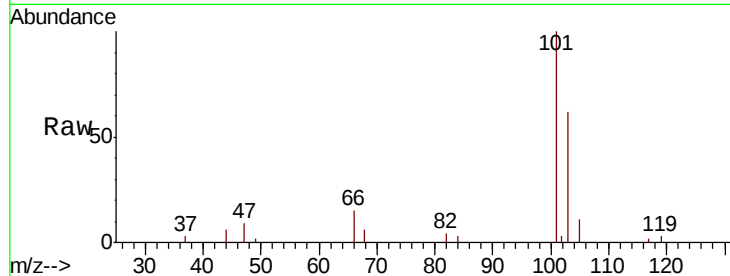
Trichlorofluoromethane
 Concen: 20.976 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

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 VW1225SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	53.4	80.2

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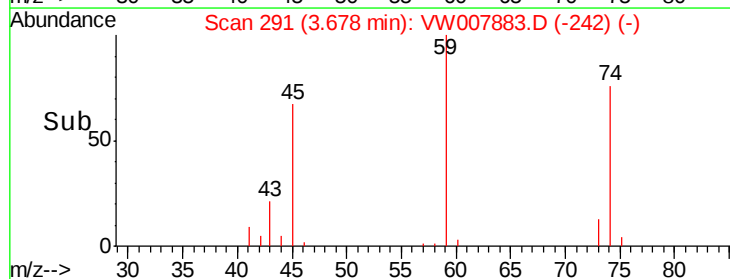
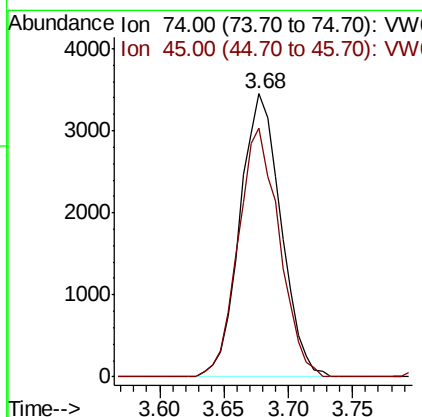
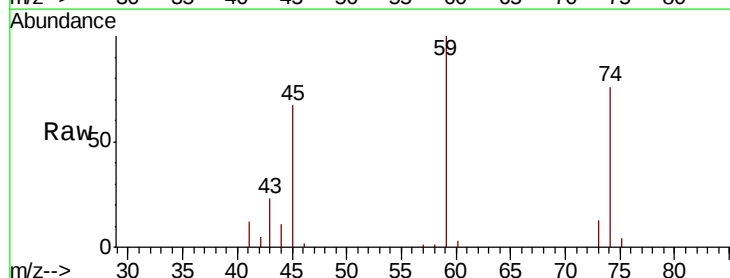
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 12/26/2018 4:38:36 PM

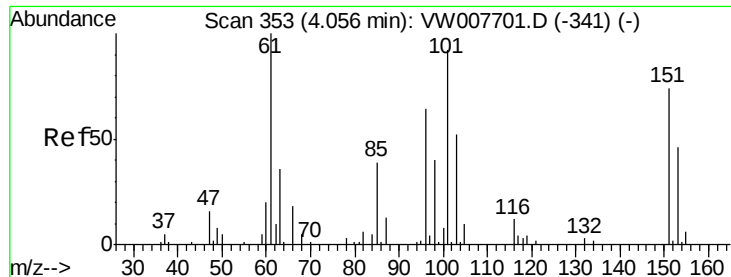


#8

Diethyl Ether
 Concen: 24.625 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.638 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

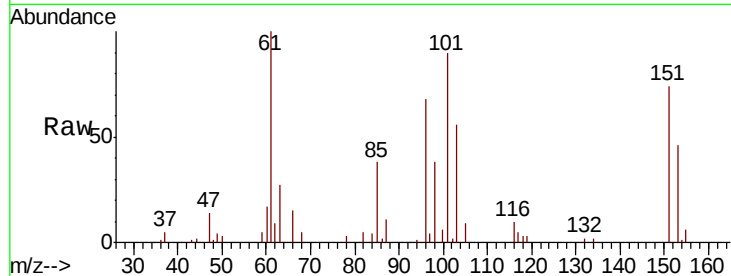
ClientSampleId :

VW1225SBS02

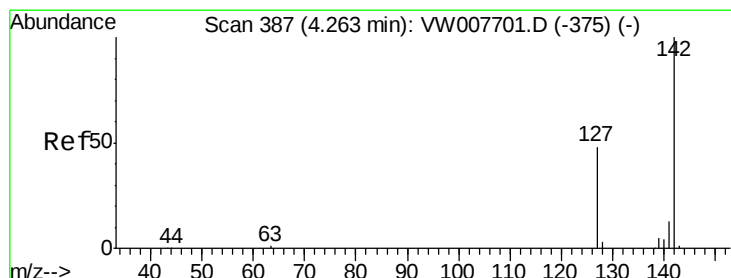
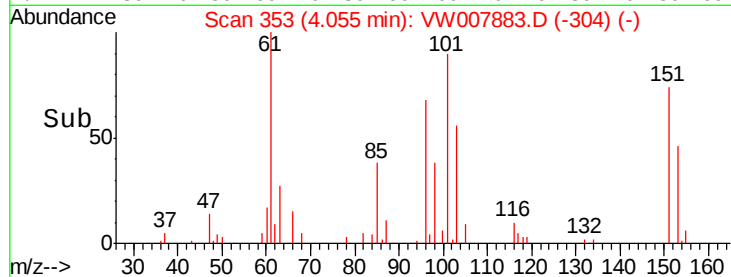
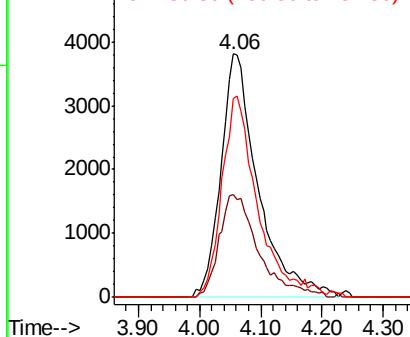
Tot Ion:	101	Resp:	16066
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.3	51.5
151	79.5	64.6	96.8

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



#10

Methyl Iodide

Concen: 21.057 ug/l

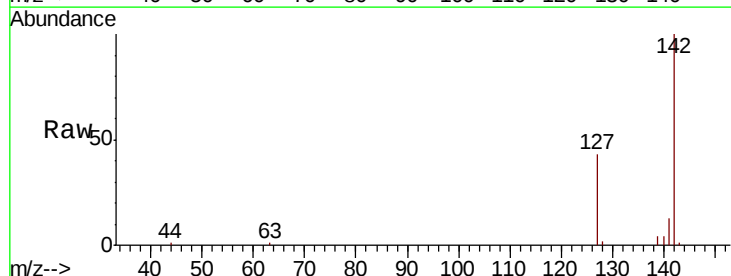
RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

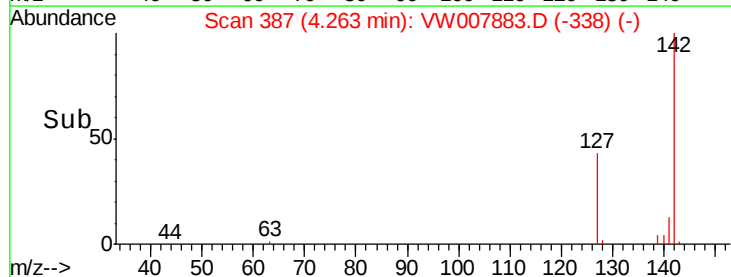
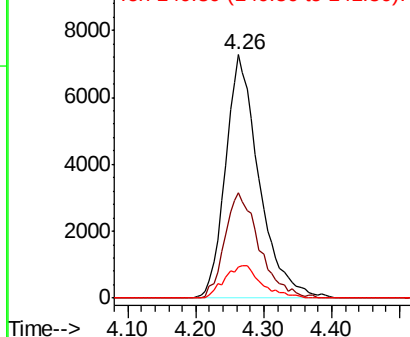
Lab File: VW007883.D

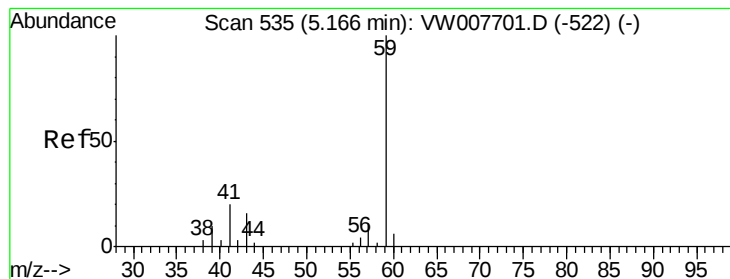
Acq: 24 Dec 2018 12:50

Tgt Ion:	142	Resp:	24864
Ion Ratio	Lower	Upper	
142	100		
127	44.3	37.7	56.5
141	14.7	11.5	17.3



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





#11

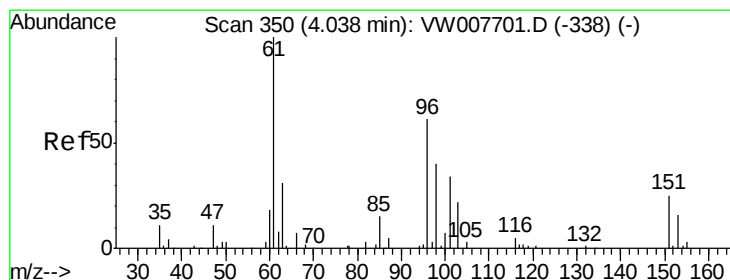
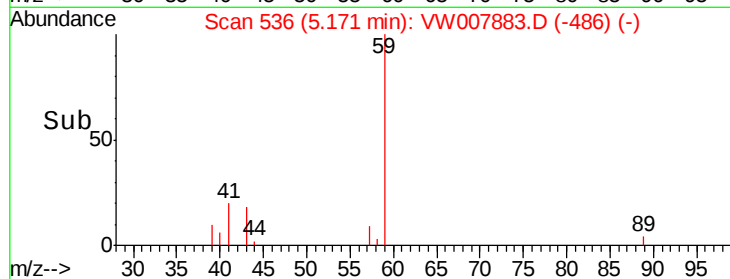
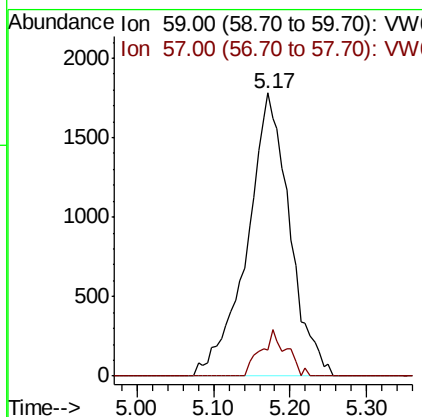
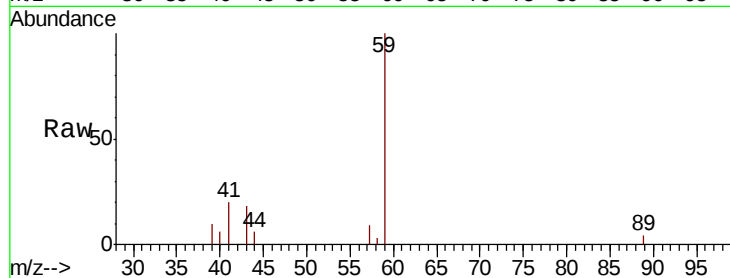
Tert butyl alcohol
 Concen: 133.917 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion	59	Resp	6900
Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.8

Manual Integrations
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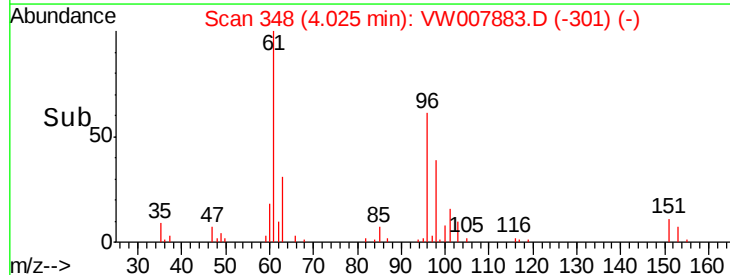
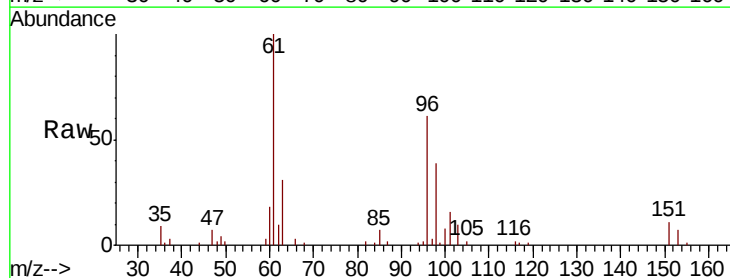
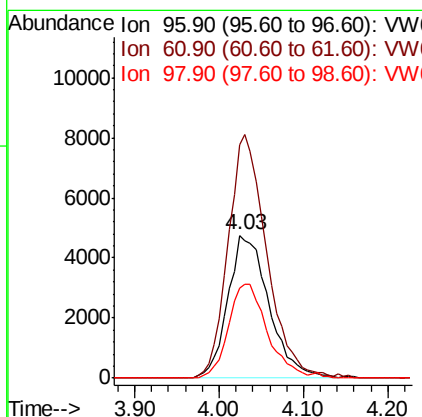
MMDadoda
 12/26/2018 4:38:36 PM

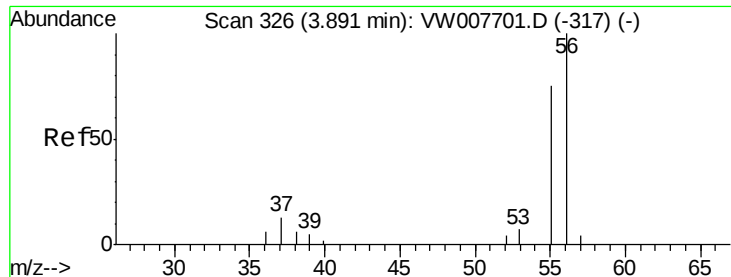


#12

1,1-Dichloroethene
 Concen: 22.855 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion	96	Resp	15714
Ion	Ratio	Lower	Upper
96	100		
61	163.0	130.6	195.8
98	63.2	52.3	78.5





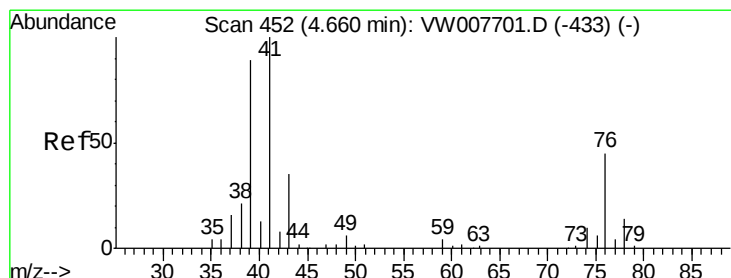
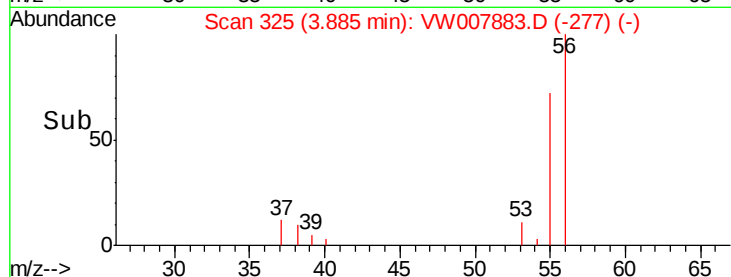
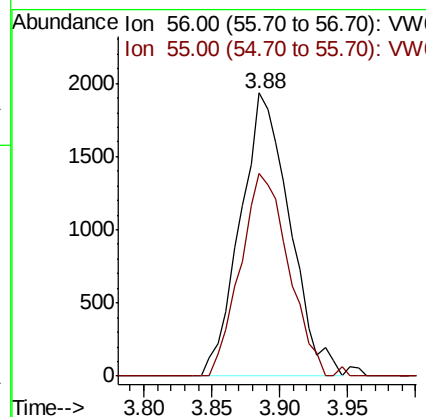
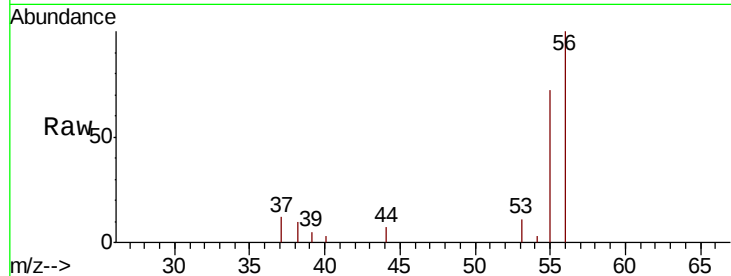
#13
Acrolein
Concen: 119.208 ug/l
RT: 3.88 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion: 56 Resp: 4911
Ion Ratio Lower Upper
56 100
55 69.7 57.7 86.5

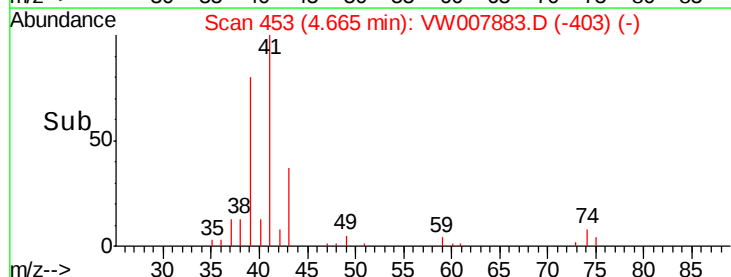
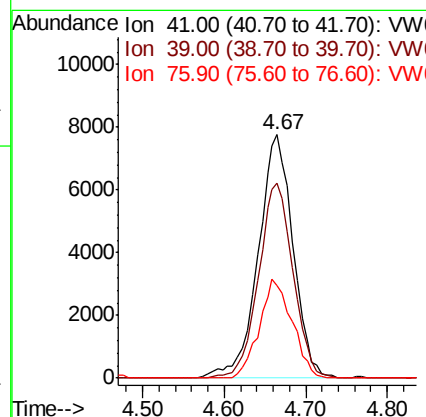
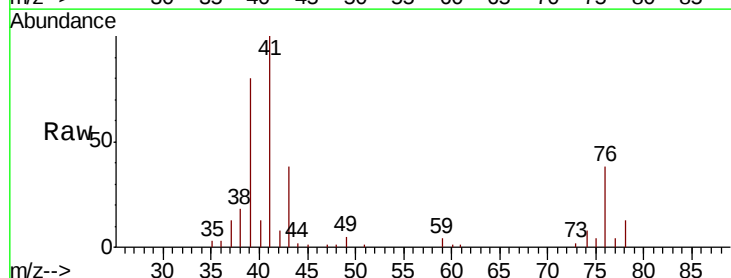
Manual Integrations
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#14
Allyl chloride
Concen: 25.533 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion: 41 Resp: 23021
Ion Ratio Lower Upper
41 100
39 79.4 69.5 104.3
76 38.3 34.8 52.2





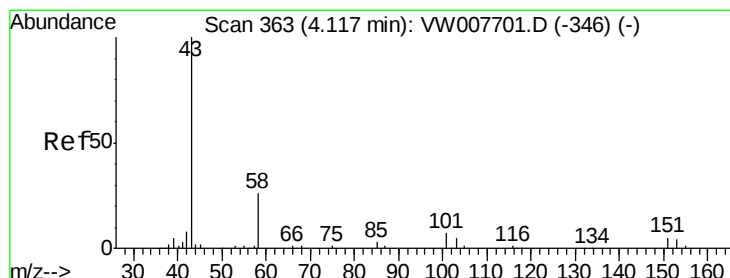
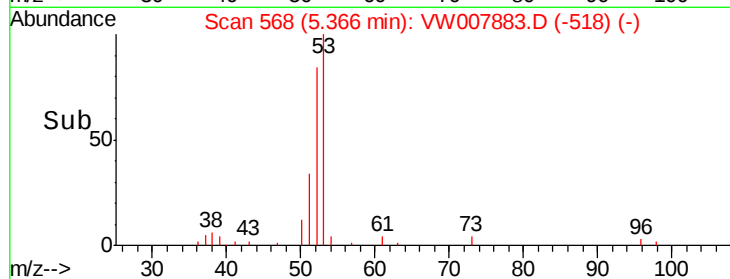
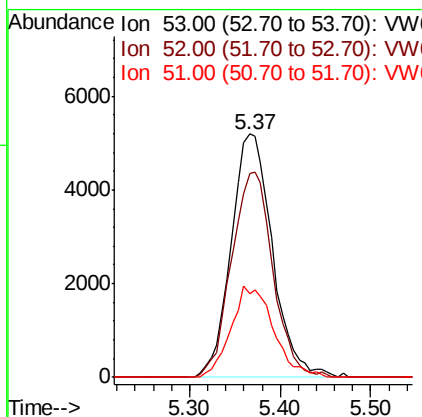
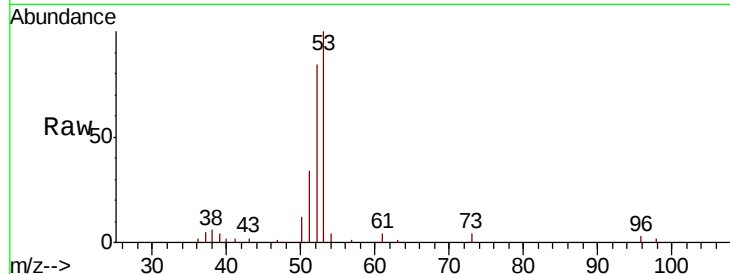
#15
 Acrylonitrile
 Concen: 124.822 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion:	53	Resp:	16442
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.0	100.4
51	38.2	30.2	45.2

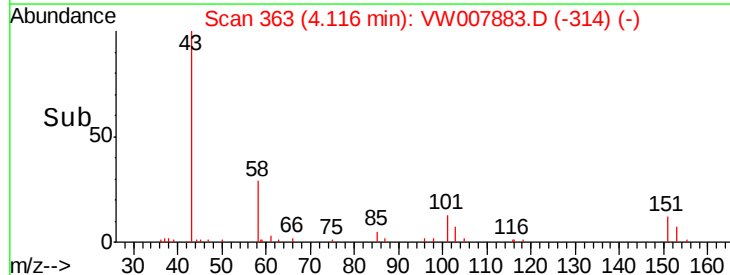
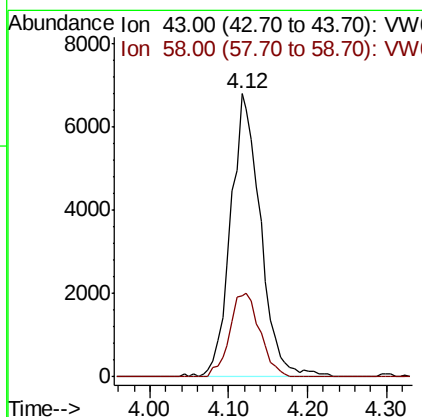
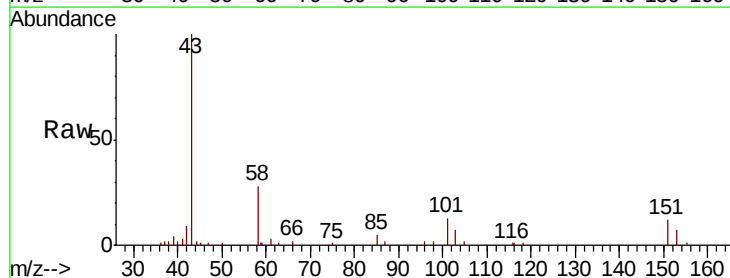
Manual Integrations
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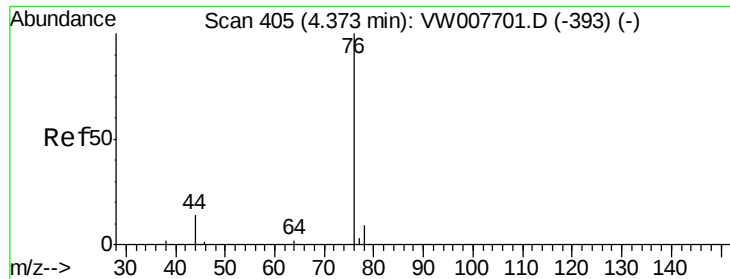
MMDadoda
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#16
 Acetone
 Concen: 125.226 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion:	43	Resp:	17911
Ion	Ratio	Lower	Upper
43	100		
58	28.5	21.2	31.8





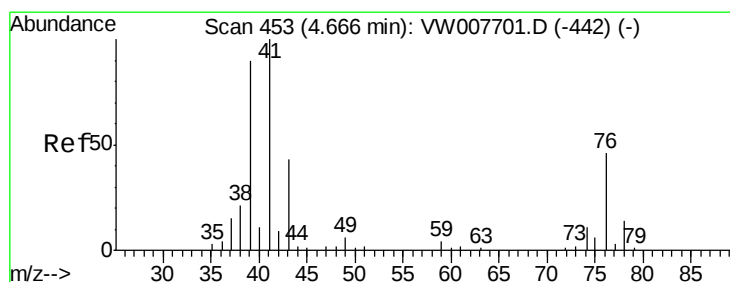
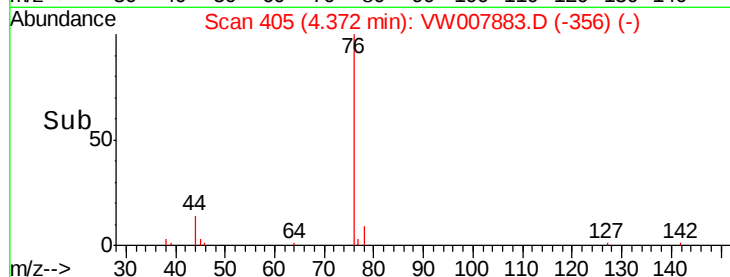
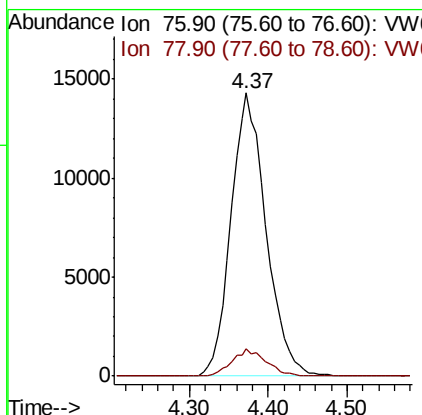
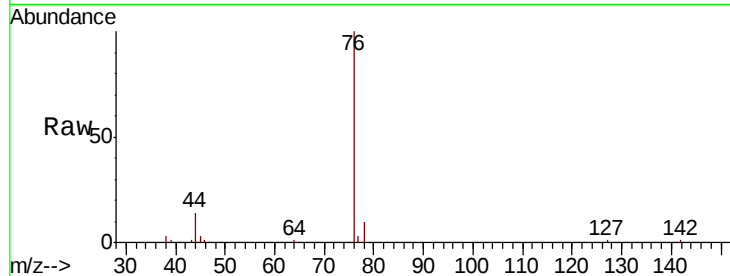
#17
Carbon Disulfide
Concen: 20.741 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	76	Resp	44129
Ion Ratio	Lower	Upper	
76	100		
78	9.6	7.3	10.9

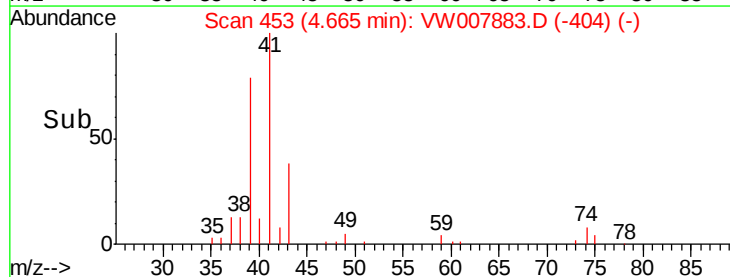
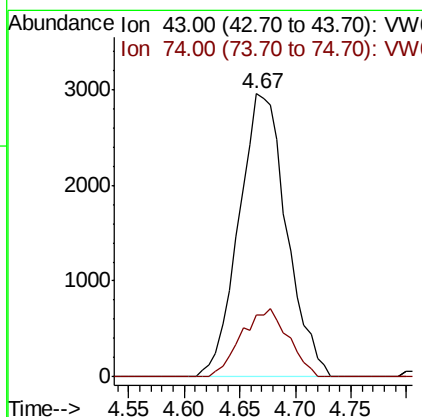
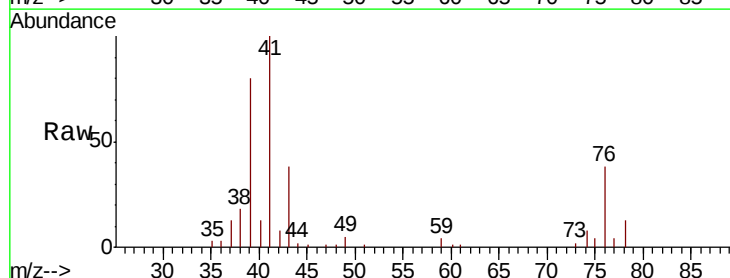
Manual Integrations
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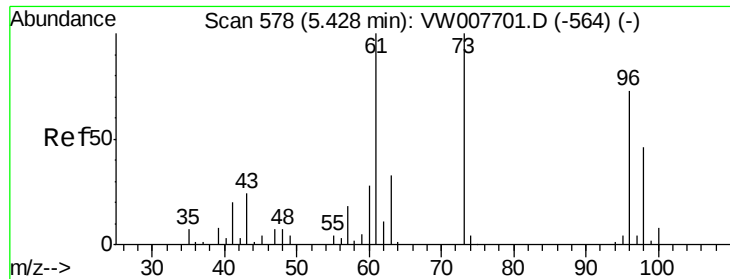
MMDadoda
12/26/2018 4:38:36 PM



#18
Methyl Acetate
Concen: 25.906 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	43	Resp	8812
Ion Ratio	Lower	Upper	
43	100		
74	23.6	22.7	34.1





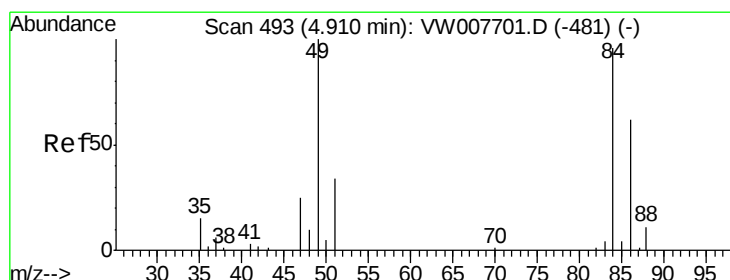
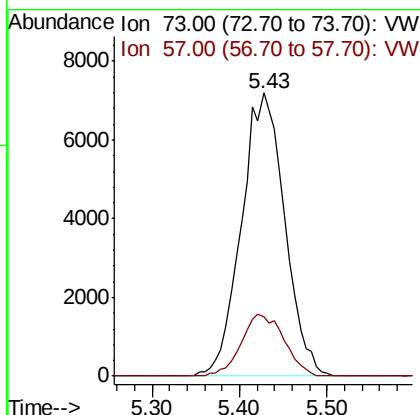
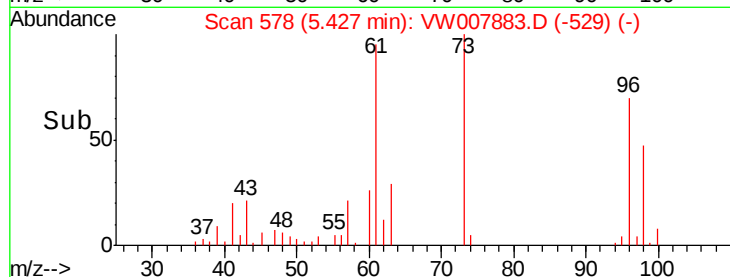
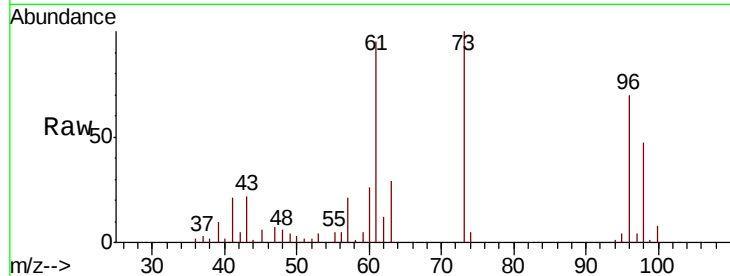
#19
Methvl tert-butvl Ether
Concen: 25.128 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion: 73 Resp: 24803
Ion Ratio Lower Upper
73 100
57 20.9 14.7 22.1

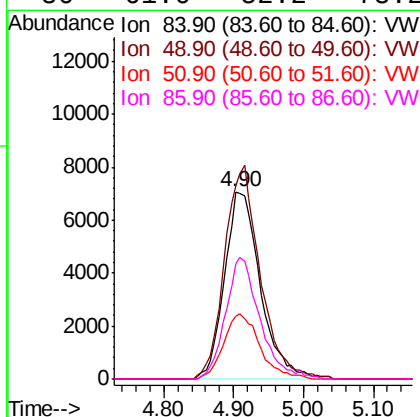
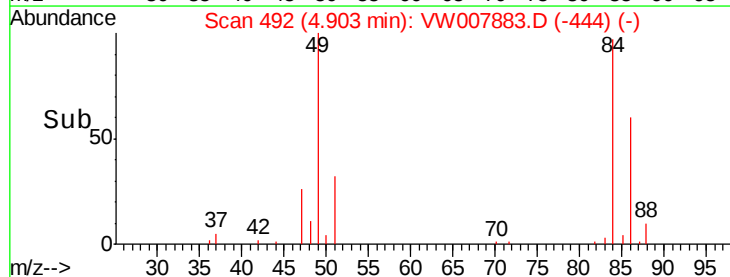
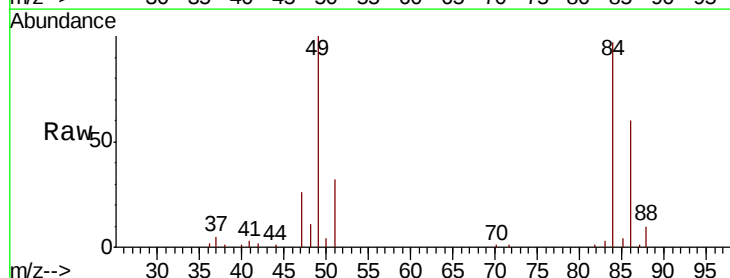
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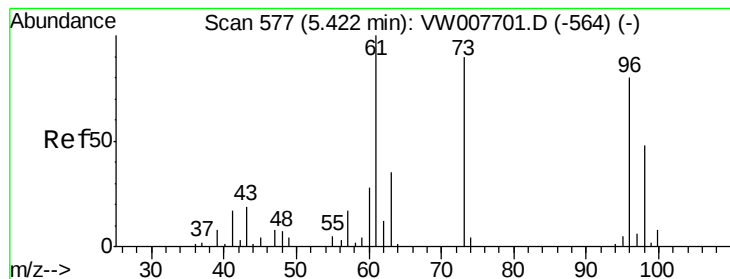
MMDadoda
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#20
Methylene Chloride
Concen: 33.128 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion: 84 Resp: 25218
Ion Ratio Lower Upper
84 100
49 102.9 83.7 125.5
51 33.2 28.2 42.2
86 61.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.477 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion: 96 Resp: 16240

Ion Ratio Lower Upper

96 100

61 130.8 100.1 150.1

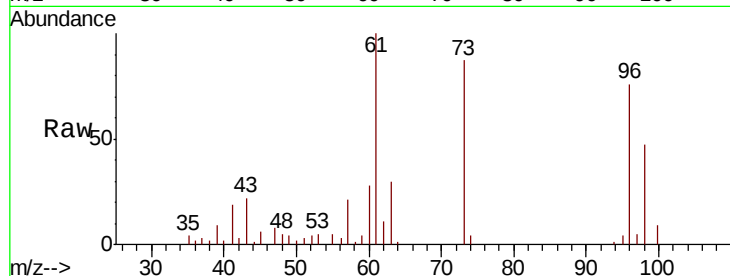
98 61.9 48.5 72.7

Manual Integrations

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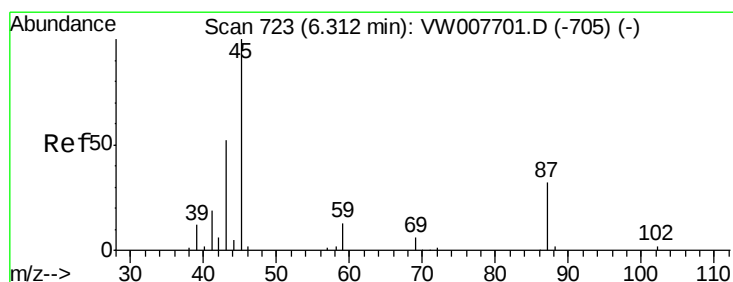
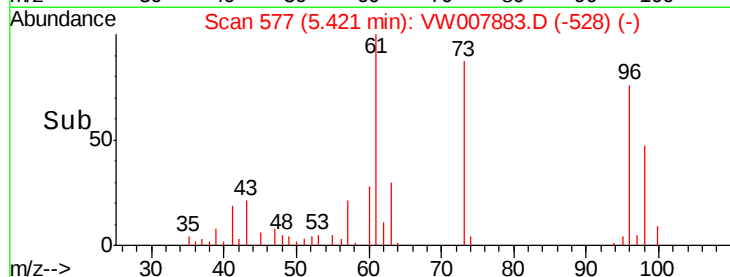
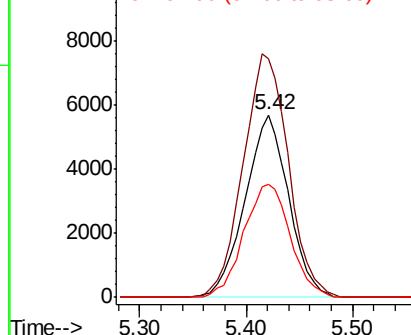


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 25.127 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion: 45 Resp: 42421

Ion Ratio Lower Upper

45 100

43 56.0 43.7 65.5

87 29.1 26.6 40.0

59 11.9 10.2 15.2

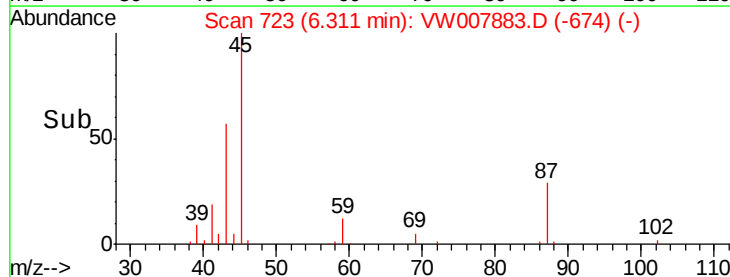
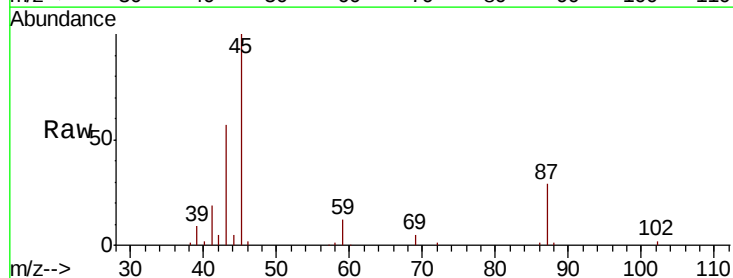
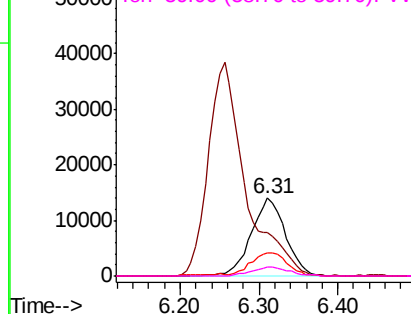
Abundance

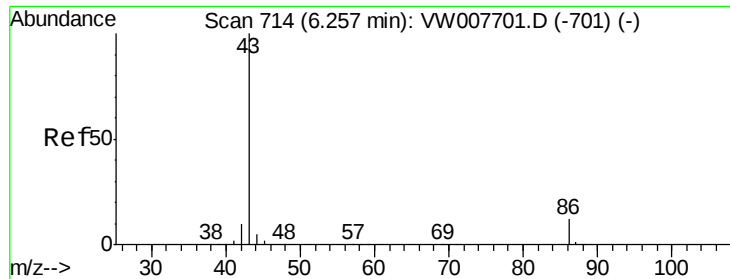
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 125.810 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion: 43 Resp: 126193

Ion Ratio Lower Upper

43 100

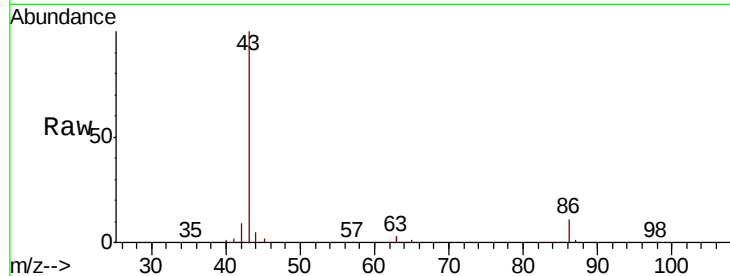
86 11.2 9.6 14.4

Manual Integrations

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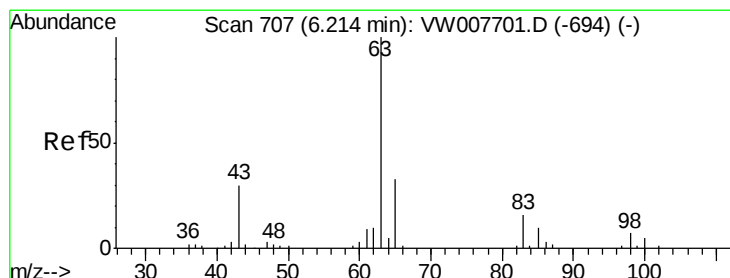
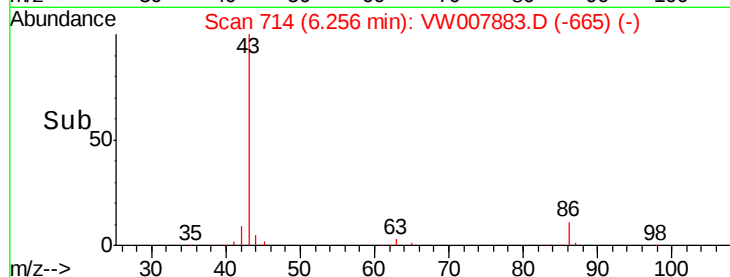
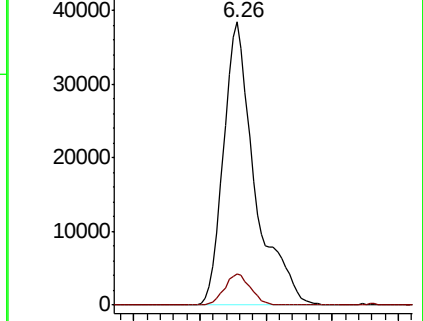
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.542 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

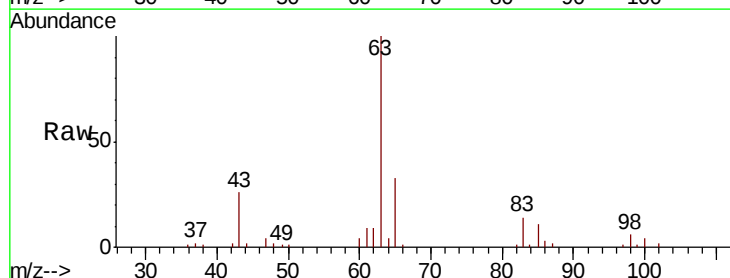
Tgt Ion: 63 Resp: 27997

Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.9

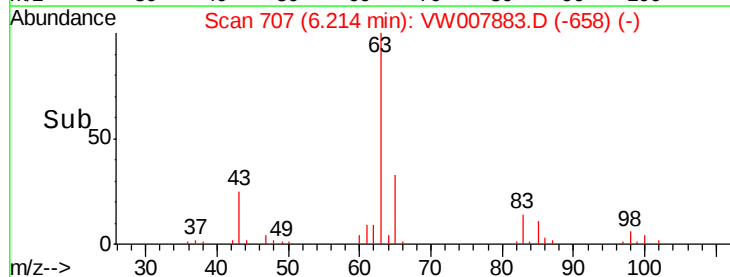
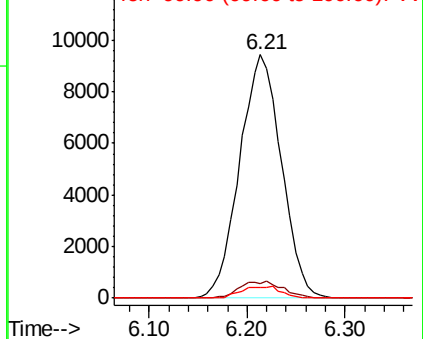
100 4.4 2.5 7.5

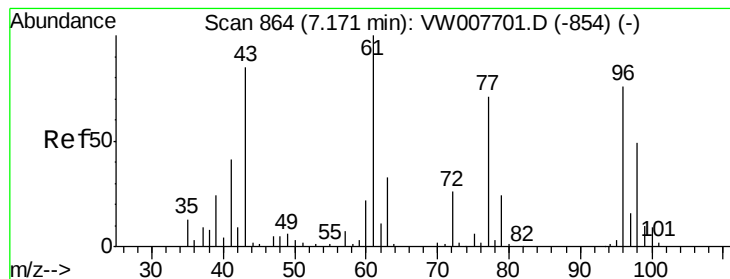


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 128.360 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion: 43 Resp: 21504

Ion Ratio Lower Upper

43 100

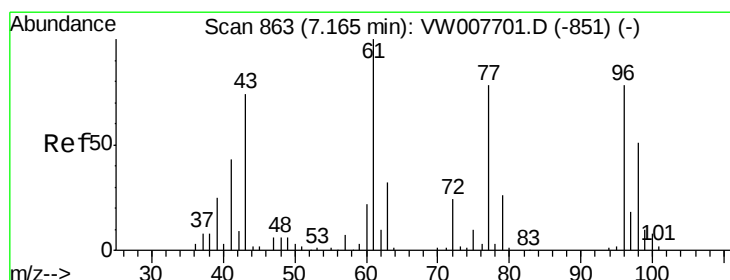
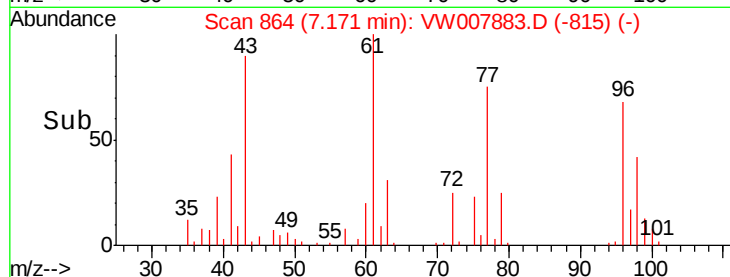
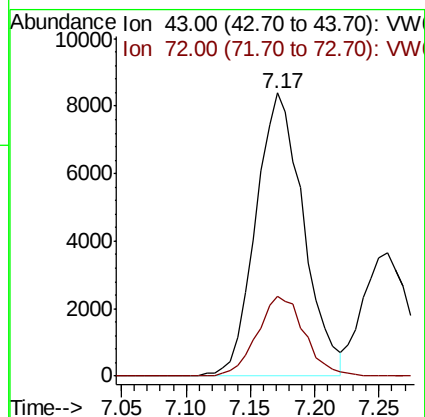
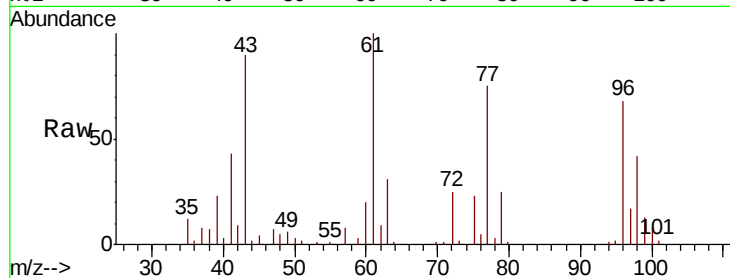
72 28.0 24.5 36.7

Manual Integrations

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12/26/2018 4:38:36 PM



#26

2,2-Dichloropropane

Concen: 23.650 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007883.D

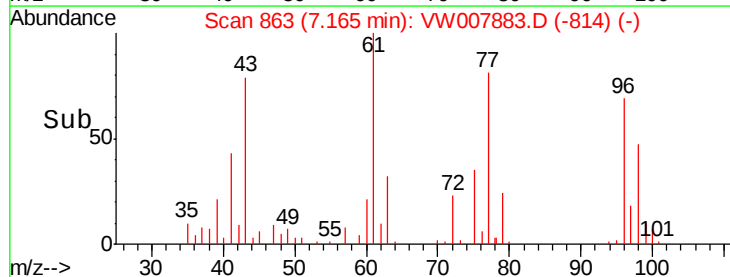
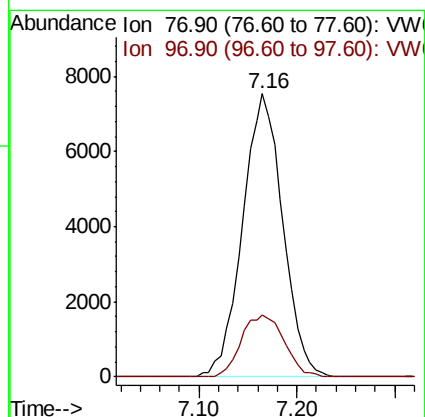
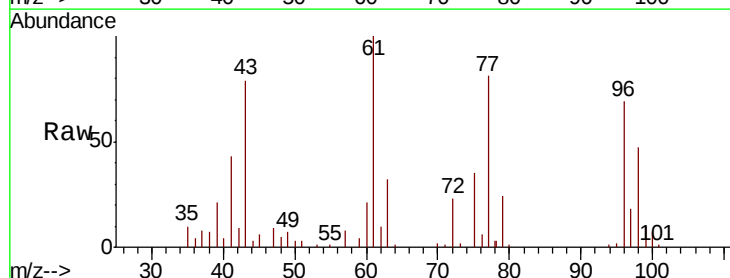
Acq: 24 Dec 2018 12:50

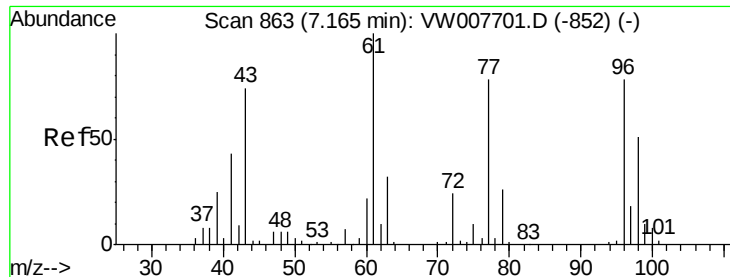
Tgt Ion: 77 Resp: 21494

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9





#27

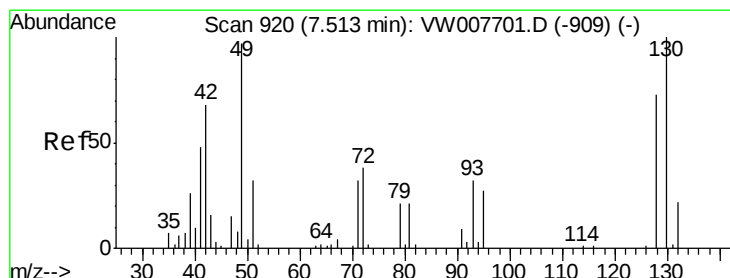
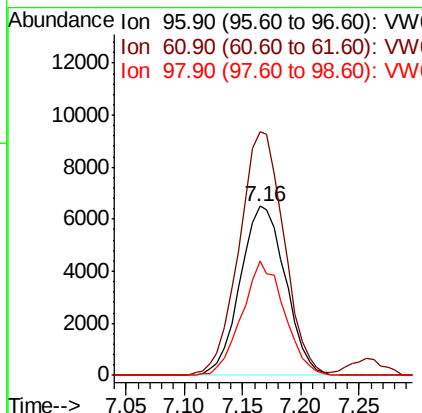
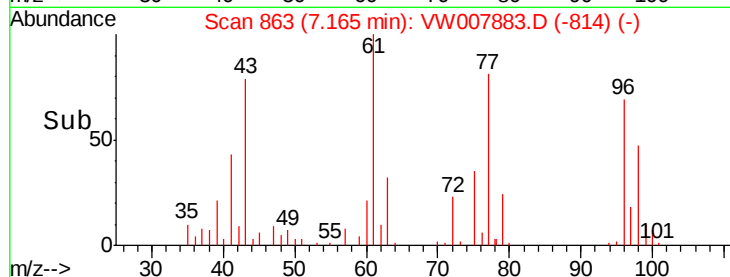
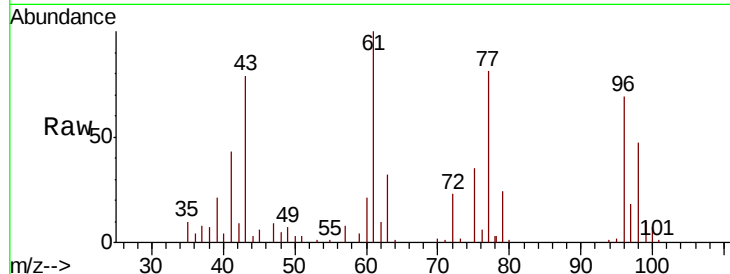
cis-1,2-Dichloroethene
Concen: 21.869 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	271.6
98	63.3	0.0	131.2

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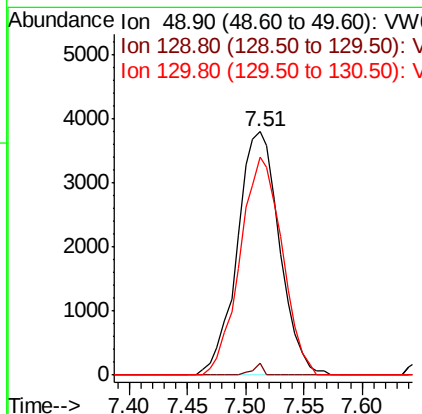
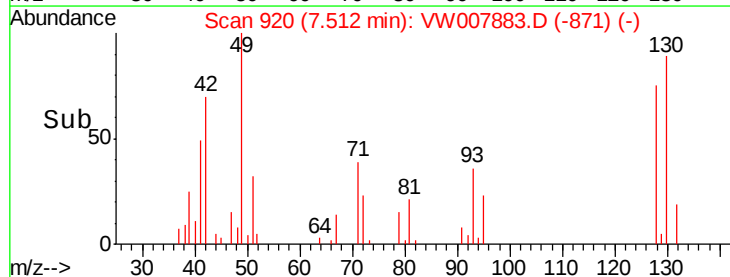
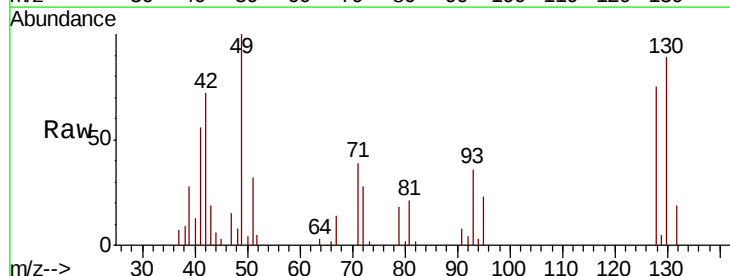
MMDadoda
12/26/2018 4:38:36 PM

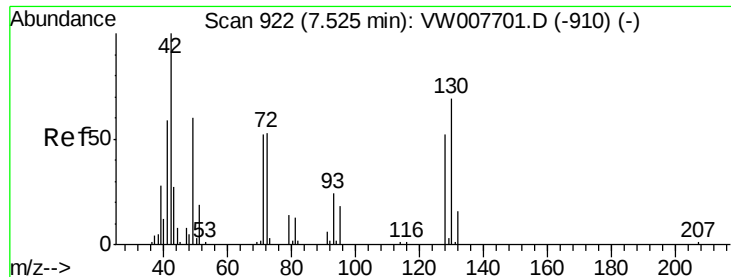


#28

Bromochloromethane
Concen: 22.699 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	89.0	81.5	122.3





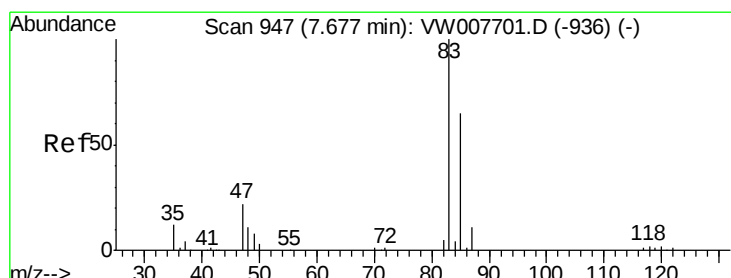
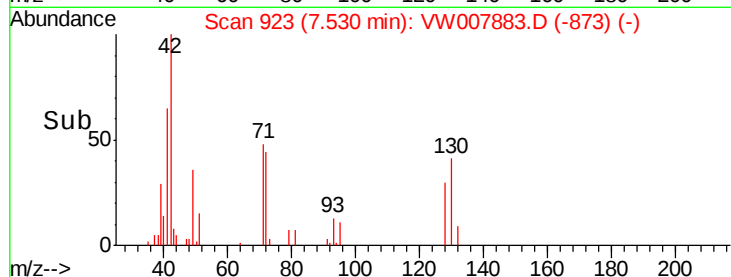
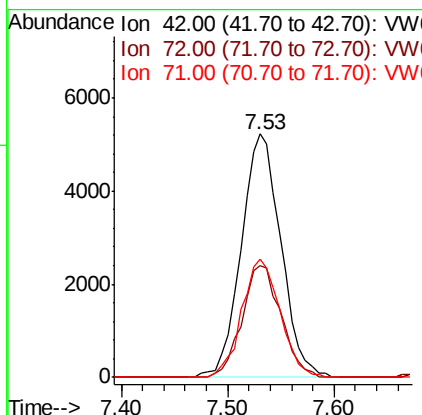
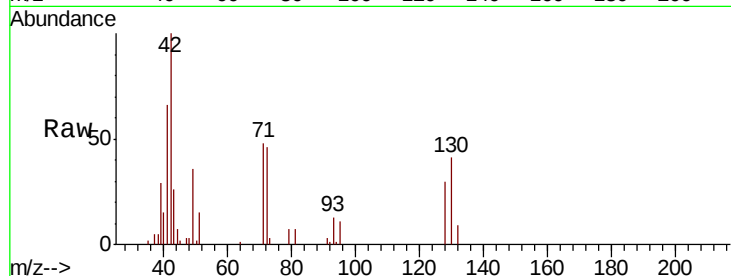
#29
Tetrahydrofuran
Concen: 136.478 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	41.7	62.5
71	46.8	39.0	58.6

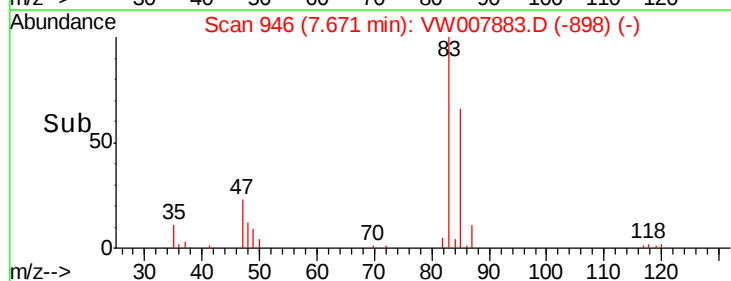
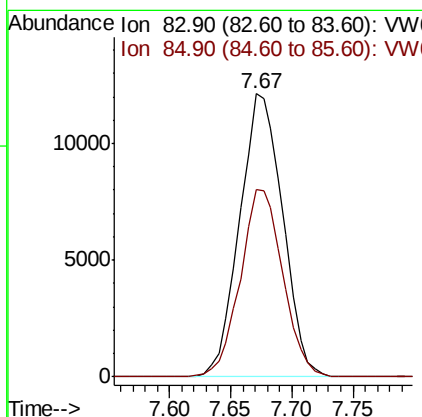
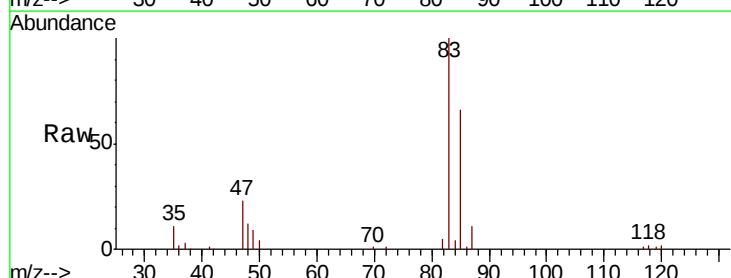
Manual Integrations
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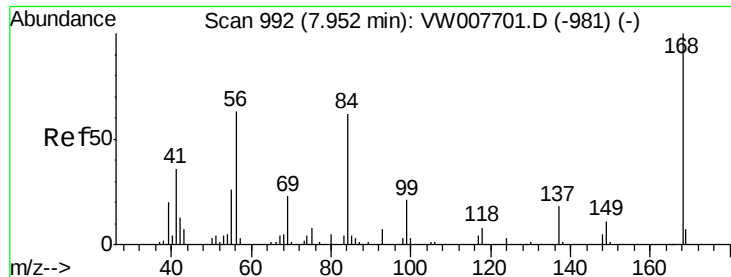
MMDadoda
12/26/2018 4:38:36 PM



#30
Chloroform
Concen: 21.069 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.2	78.2





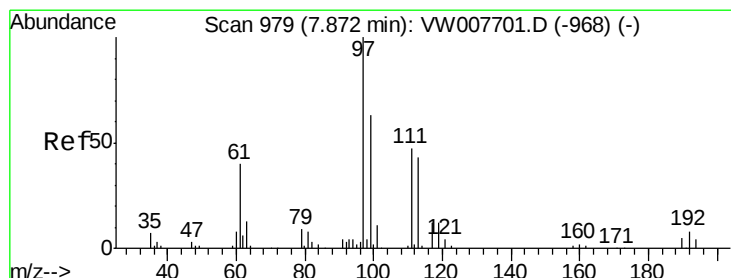
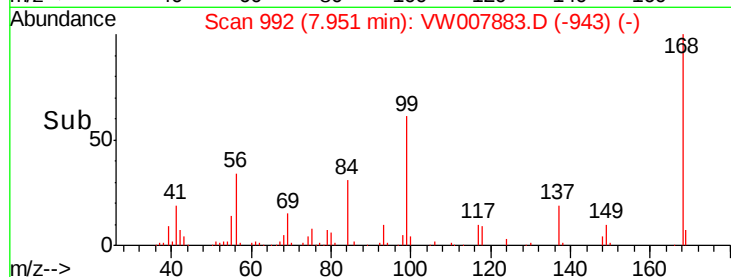
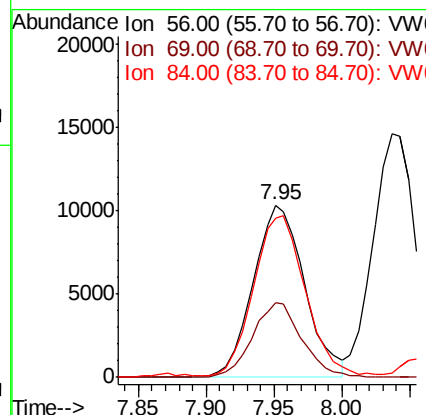
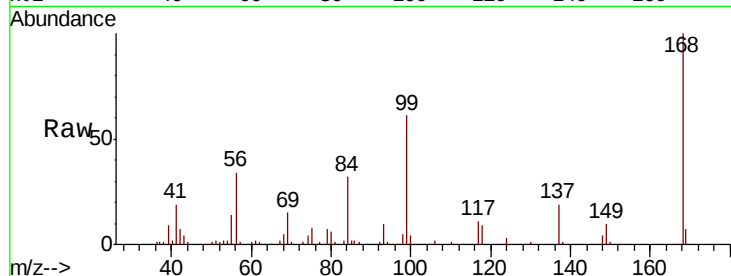
#31
Cyclohexane
Concen: 23.978 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	43.2	29.7	44.5
84	91.7	78.9	118.3

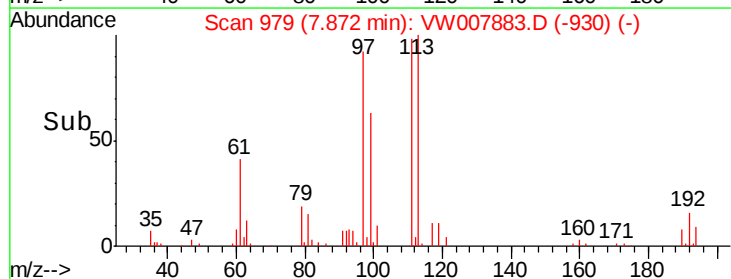
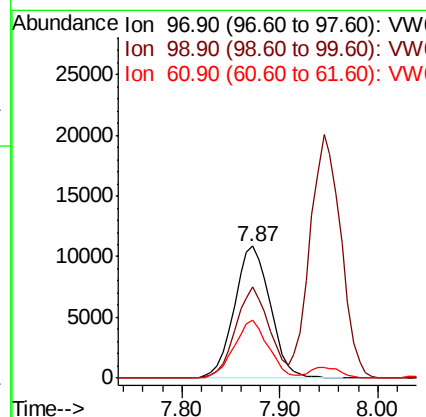
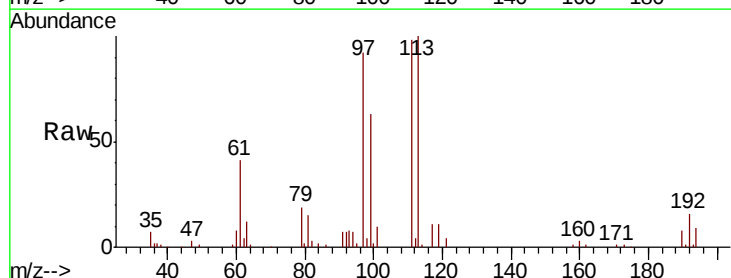
Manual Integrations
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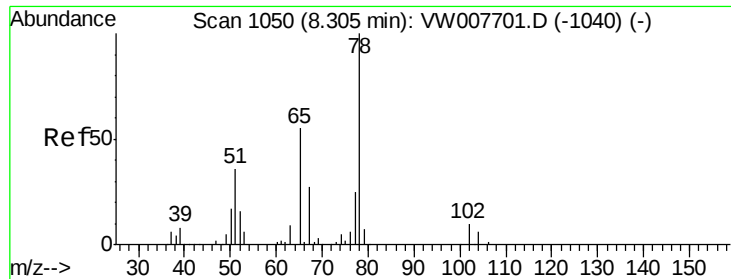
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12/26/2018 4:38:36 PM



#32
1,1,1-Trichloroethane
Concen: 21.559 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.6	76.0
61	42.3	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 55.025 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion: 65 Resp: 42028

Ion Ratio Lower Upper

65 100

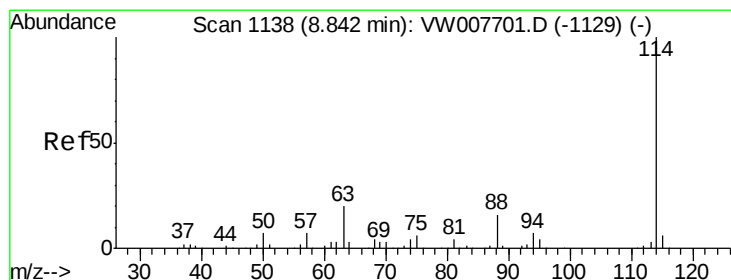
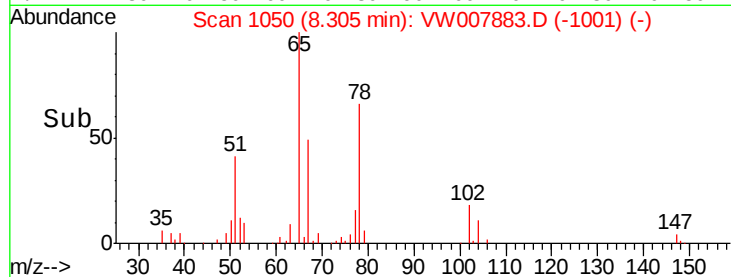
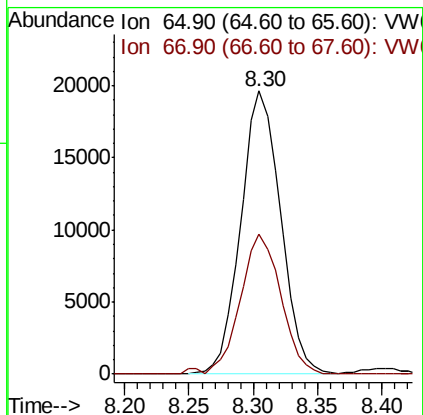
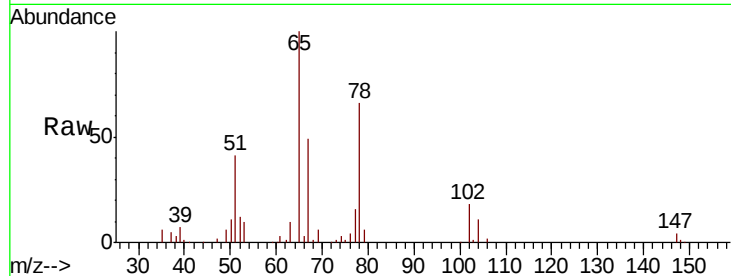
67 50.6 0.0 100.6

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12/26/2018 4:38:36 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

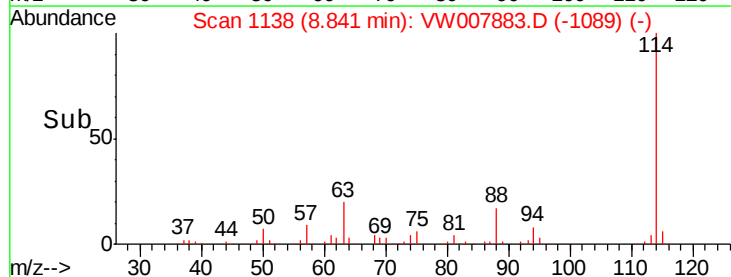
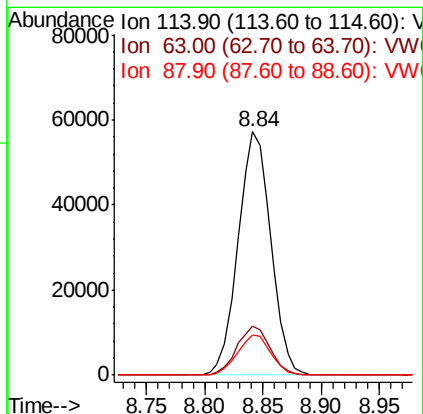
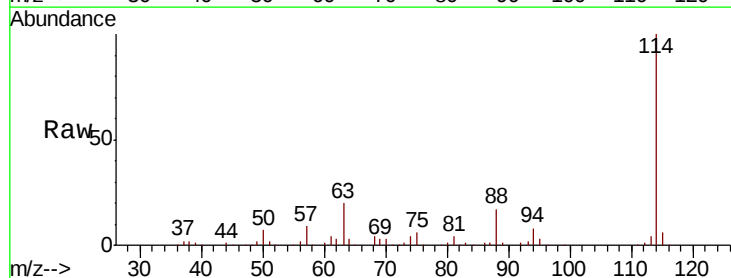
Tgt Ion: 114 Resp: 112427

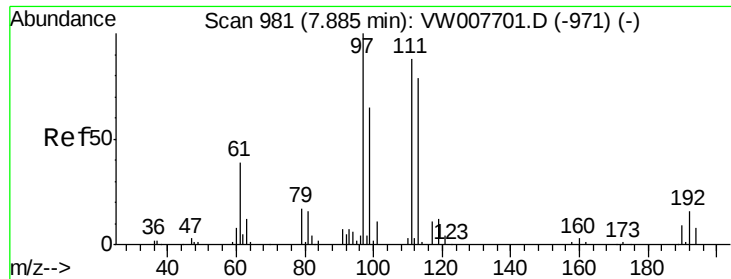
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.811 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

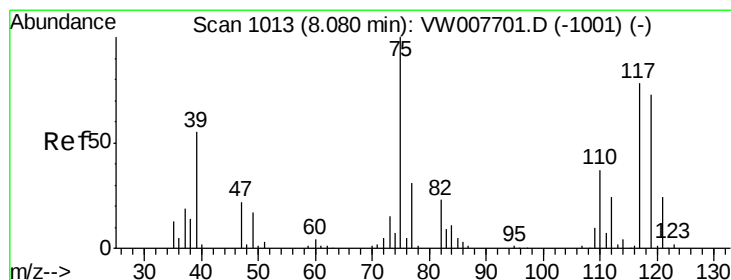
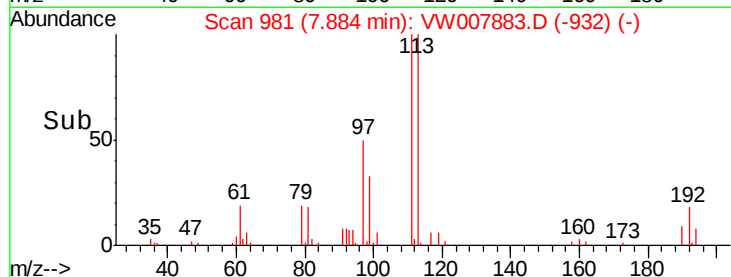
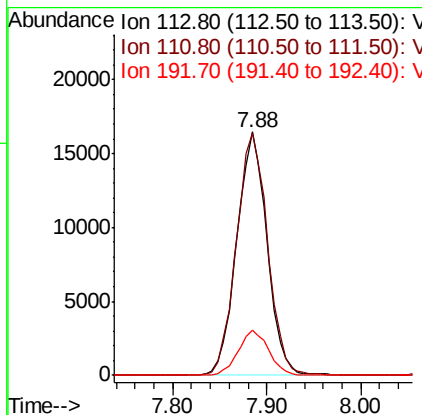
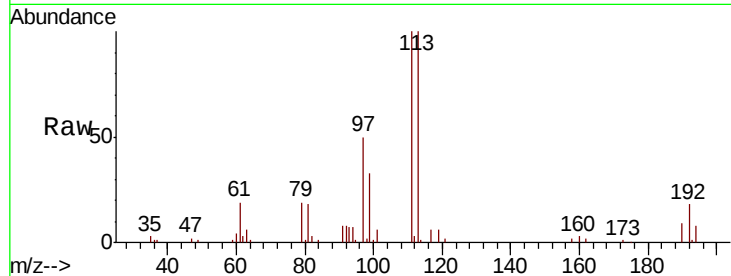
ClientSampleId :

VW1225SBS02

Tot Ion:	113	Resp:	36907
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	18.4	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 22.656 ug/l

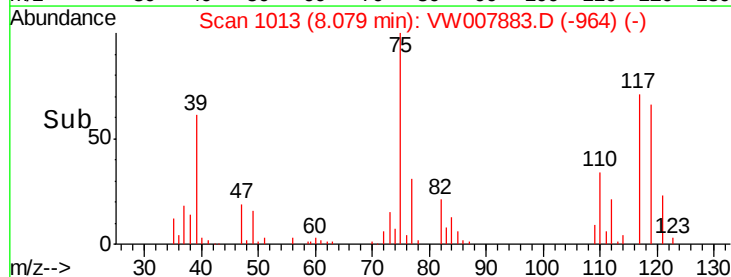
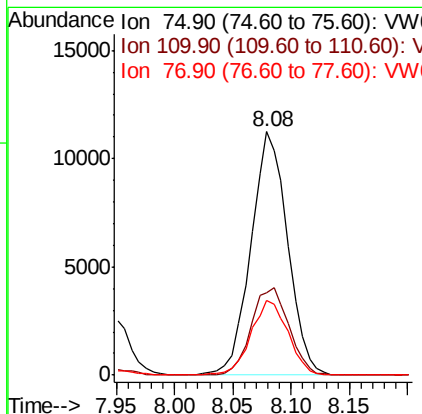
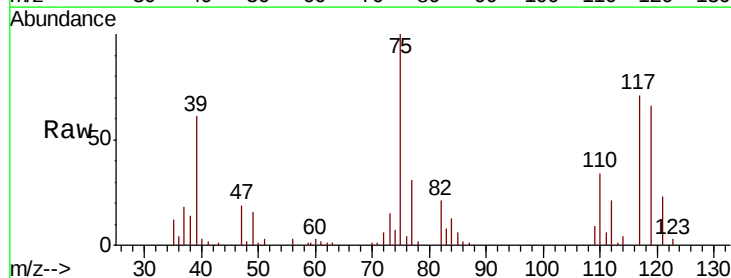
RT: 8.08 min Scan# 1013

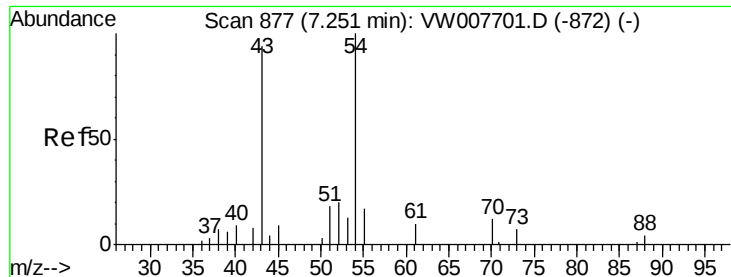
Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion:	75	Resp:	24584
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.6	55.8
77	30.8	25.0	37.4





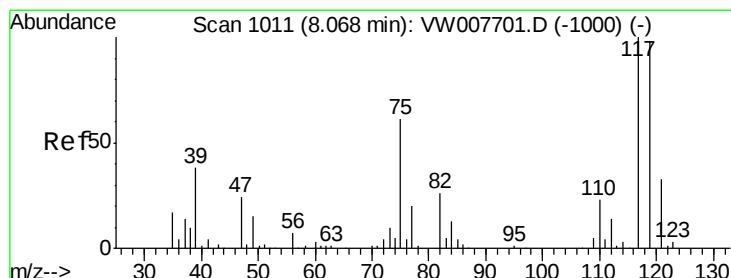
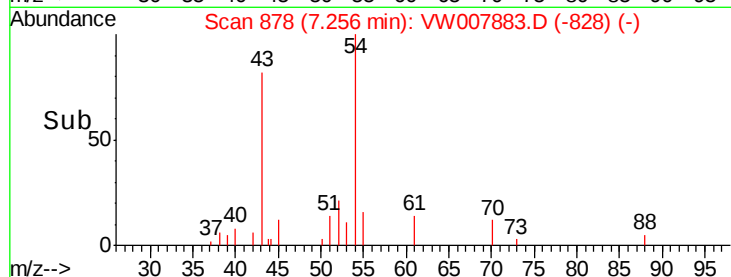
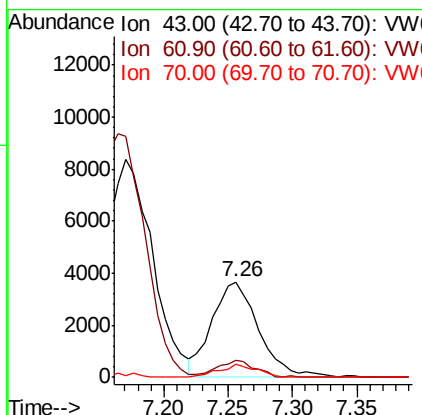
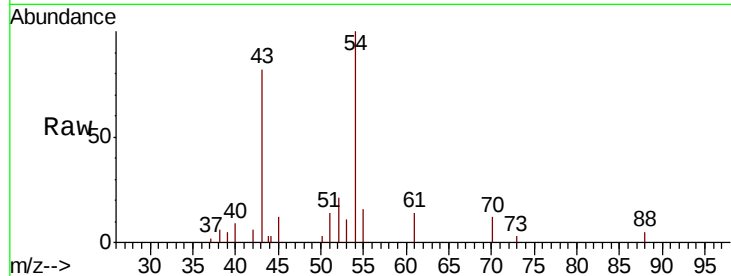
#37
Ethyl Acetate
Concen: 24.975 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.2	16.8
70	10.8	9.3	13.9

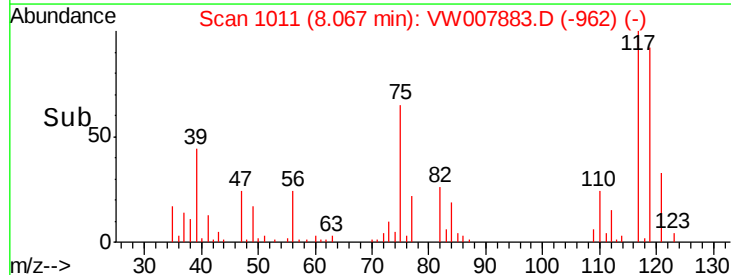
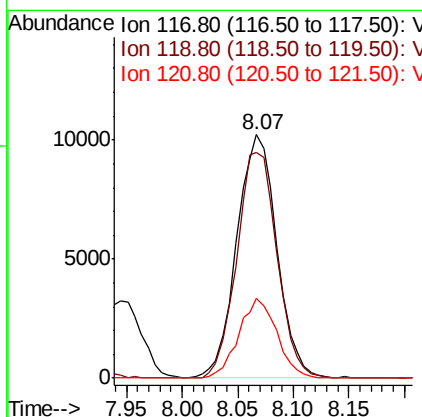
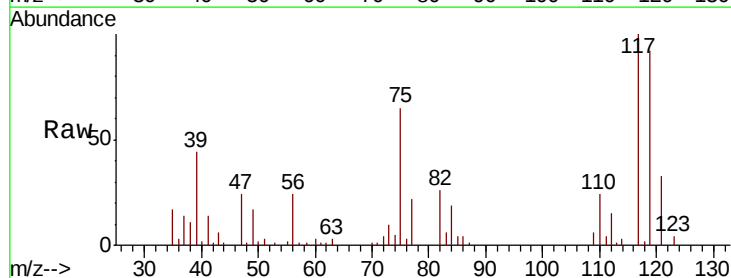
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 19.999 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.2	117.2
121	32.6	26.1	39.1





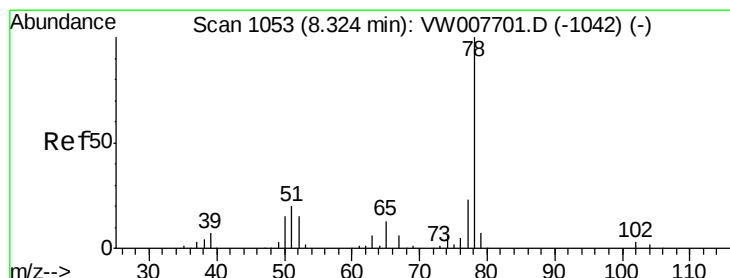
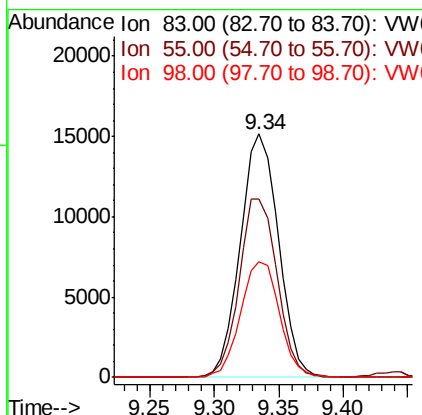
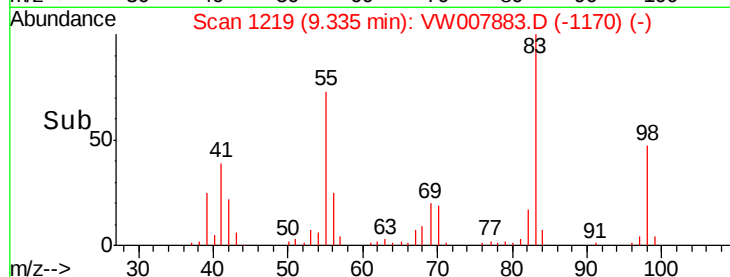
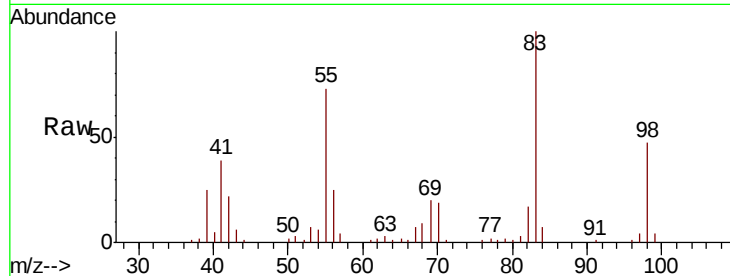
#39
Methvlcvclohexane
Concen: 23.092 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.2	85.8
98	47.3	38.6	58.0

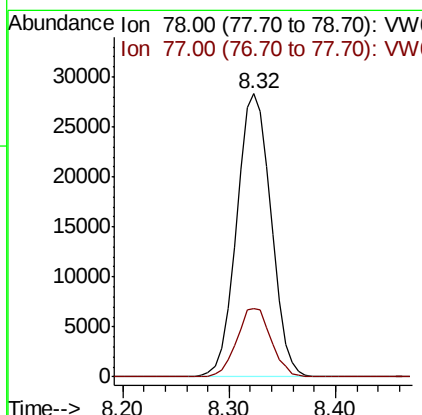
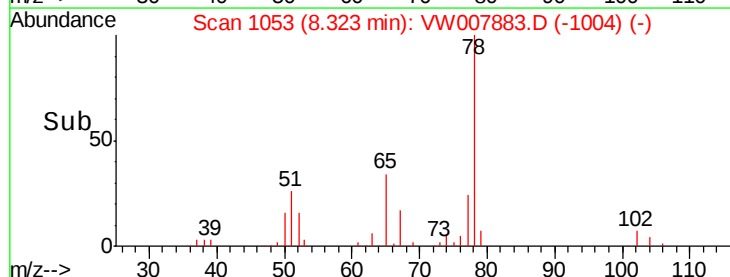
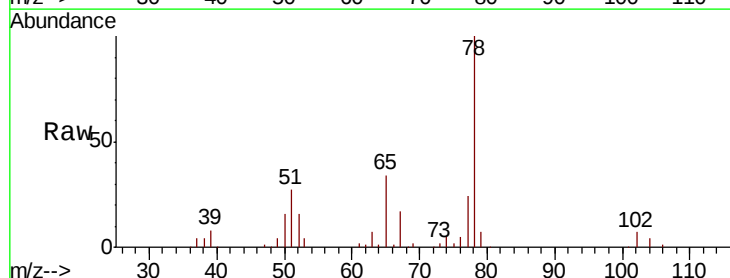
Manual Integrations
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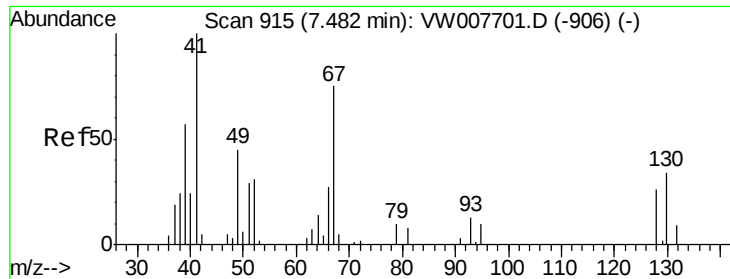
MMDadoda
12/26/2018 4:38:36 PM



#40
Benzene
Concen: 22.125 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1





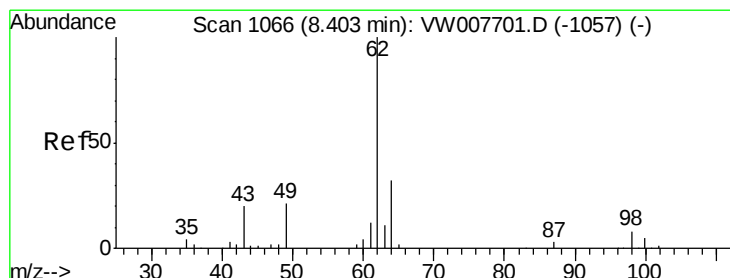
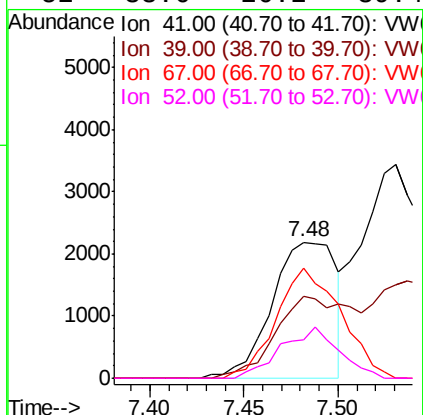
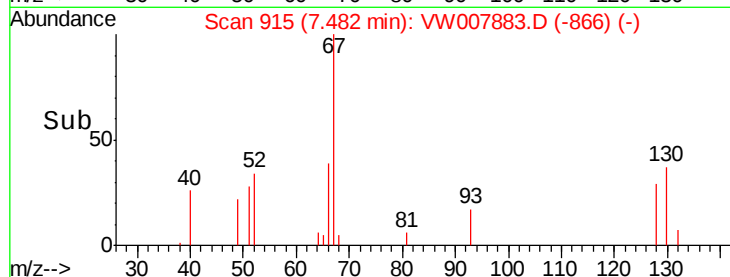
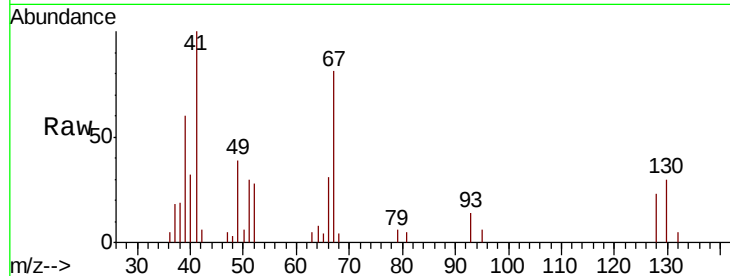
#41
Methacrylonitrile
Concen: 24.382 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	41	Resp	5184
Ion	Ratio	Lower	Upper
41	100		
39	72.8	54.2	81.4
67	81.3	65.7	98.5
52	33.6	26.2	39.4

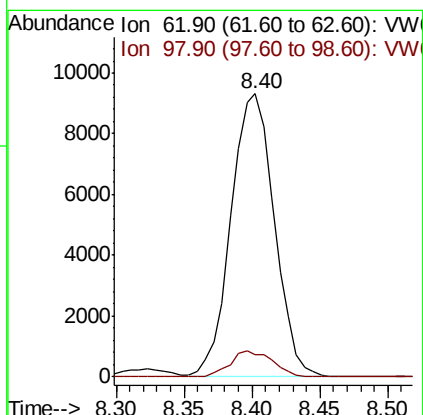
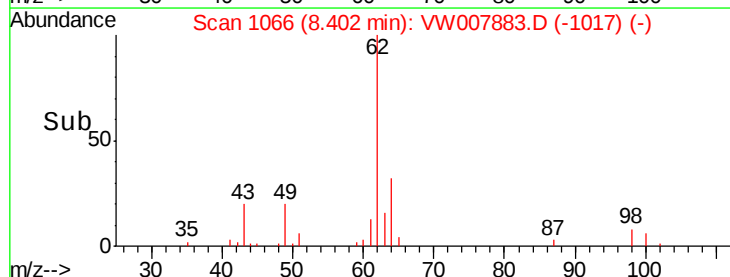
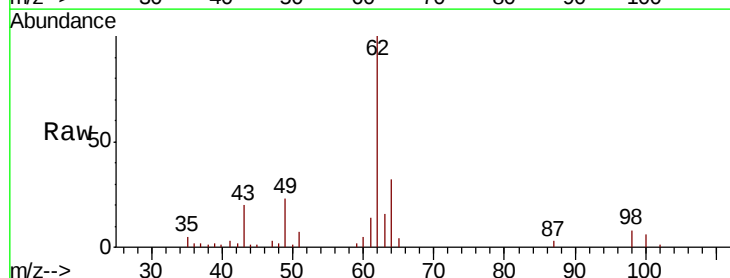
Manual Integrations
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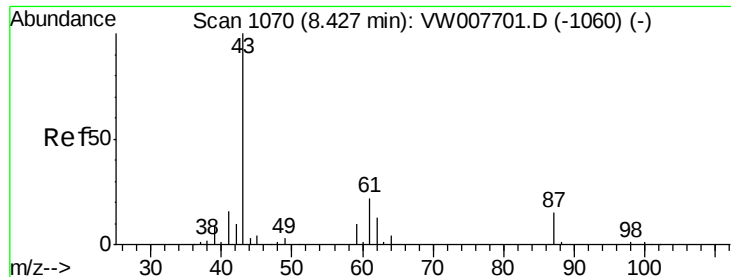
MMDadoda
12/26/2018 4:38:36 PM



#42
1,2-Dichloroethane
Concen: 21.253 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	62	Resp	20624
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 25.561 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

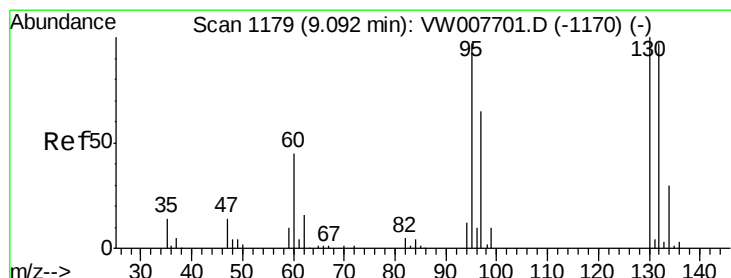
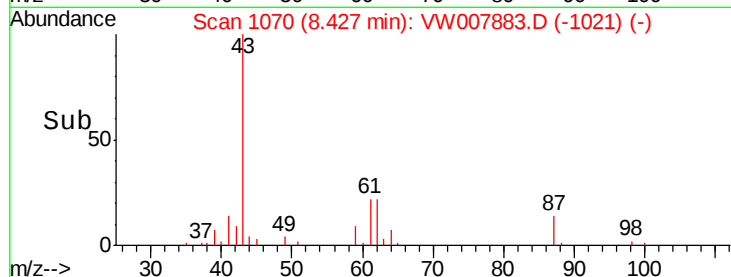
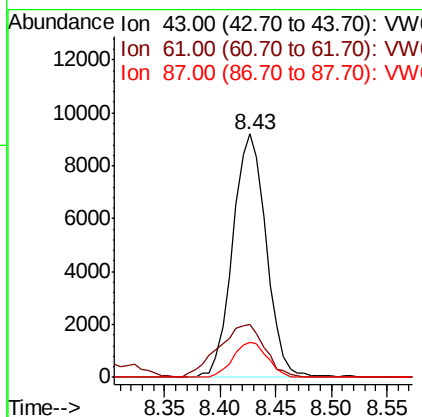
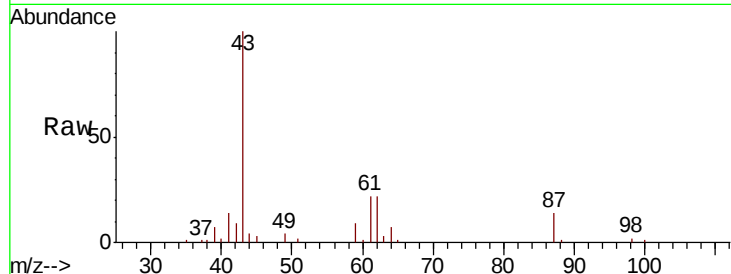
ClientSampleId :

VW1225SBS02

Tot Ion:	43	Resp:	19178
Ion	Ratio	Lower	Upper
43	100		
61	29.9	26.3	39.5
87	14.5	12.0	18.0

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#44

Trichloroethene

Concen: 20.577 ug/l

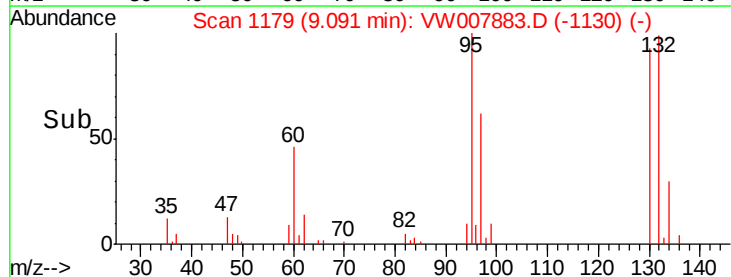
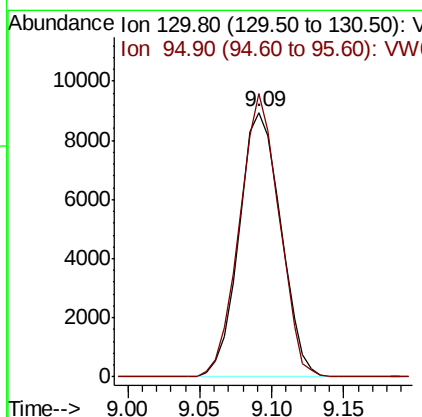
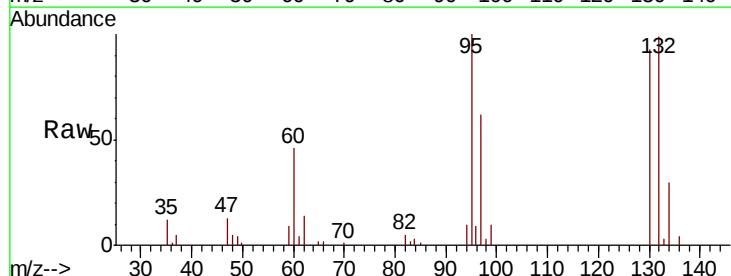
RT: 9.09 min Scan# 1179

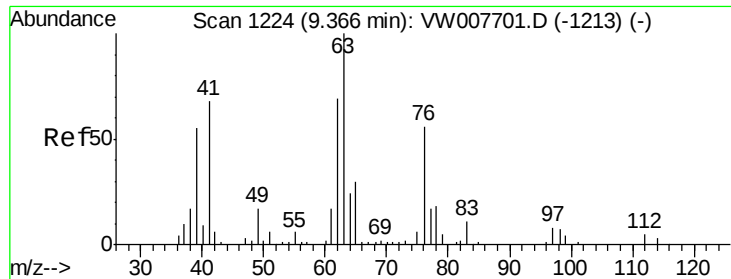
Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion:	130	Resp:	18019
Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	194.8





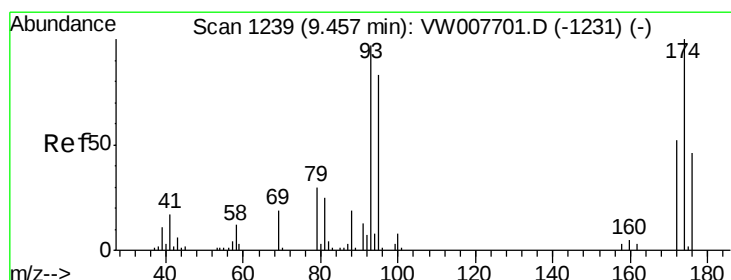
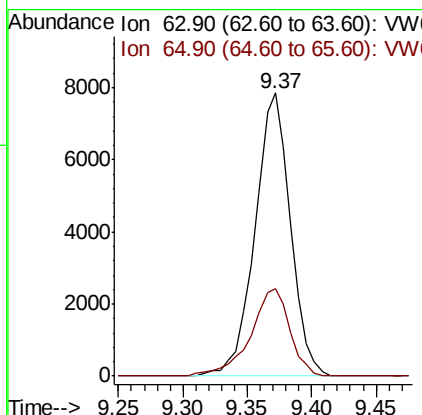
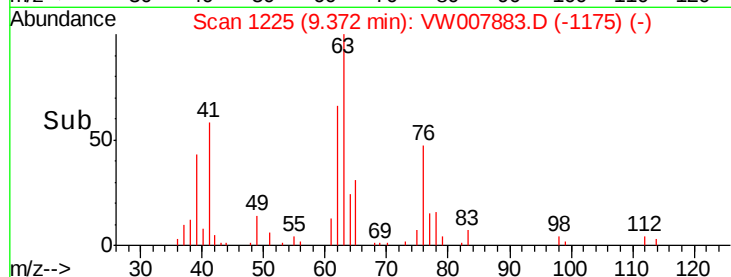
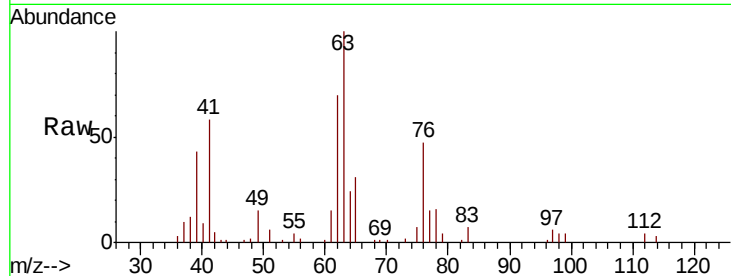
#45
 1,2-Dichloropropane
 Concen: 23.162 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion: 63 Resp: 14882
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.8 35.8

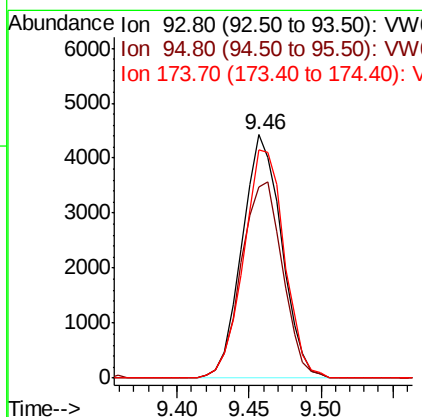
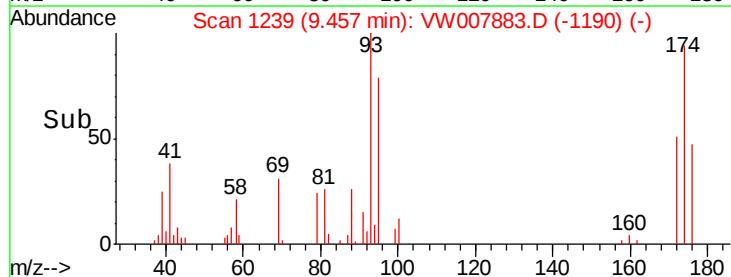
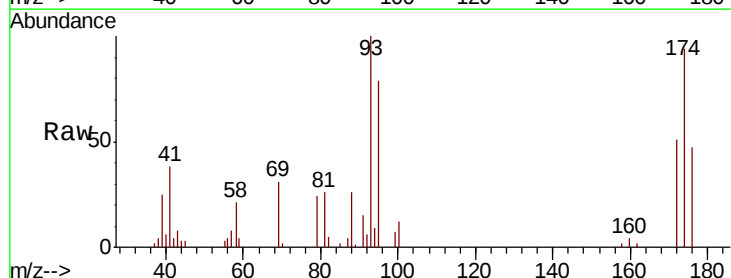
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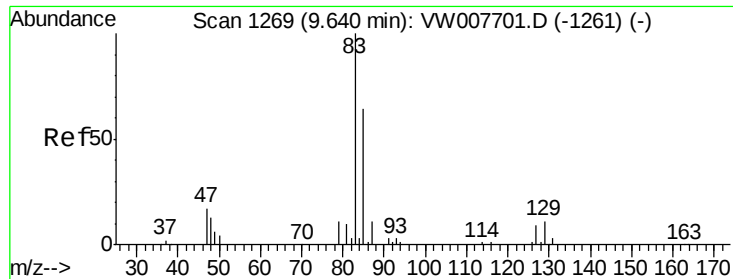
MMDadoda
 12/26/2018 4:38:36 PM



#46
 Dibromomethane
 Concen: 21.309 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion: 93 Resp: 8428
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.5 101.3
 174 96.4 83.9 125.9





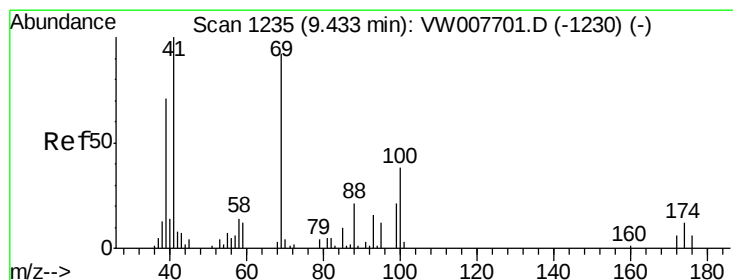
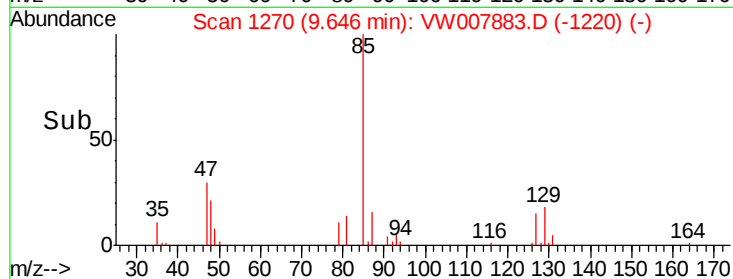
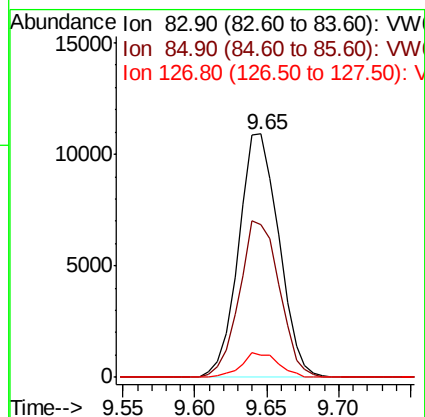
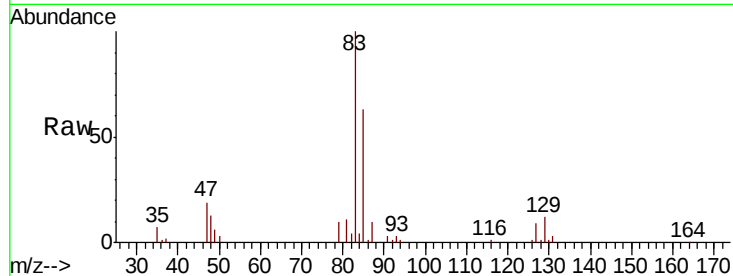
#47
Bromodichloromethane
Concen: 20.351 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	21160		
85	62.9		51.4	77.0
127	9.3		7.5	11.3

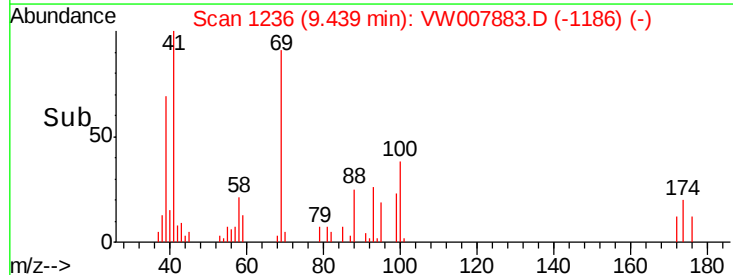
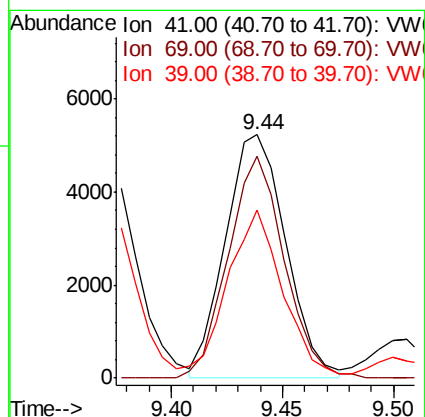
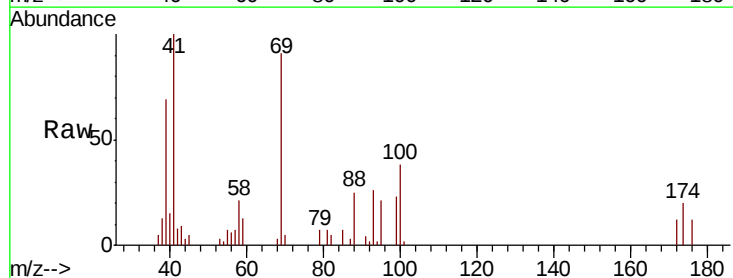
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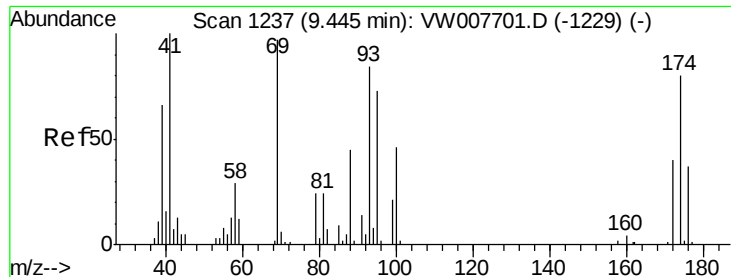
MMDadoda
12/26/2018 4:38:36 PM



#48
Methyl methacrylate
Concen: 26.360 ug/l m
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	9872		
69	84.8		74.2	111.2
39	60.3		53.9	80.9





#49

1,4-Dioxane

Concen: 465.819 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

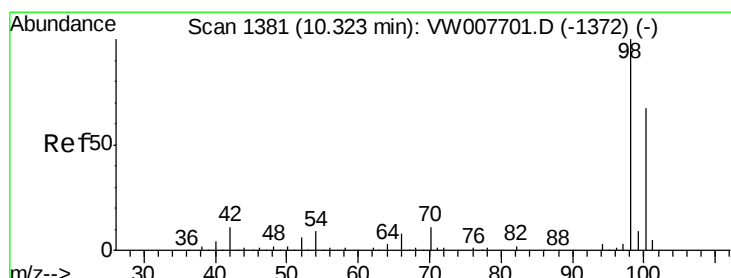
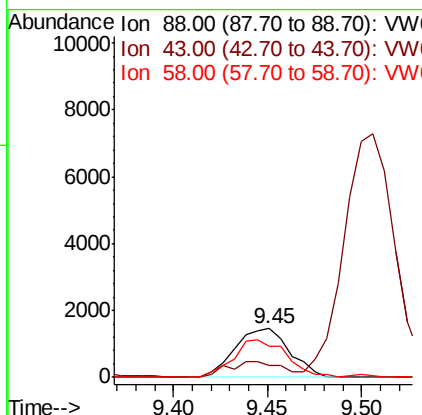
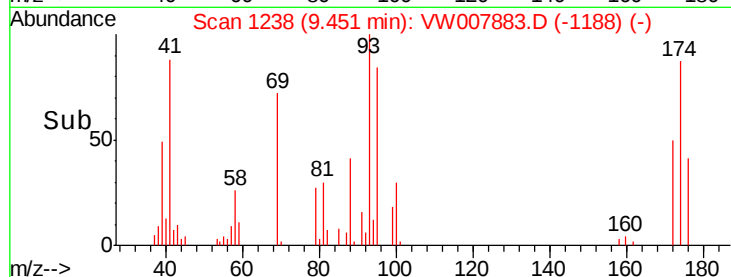
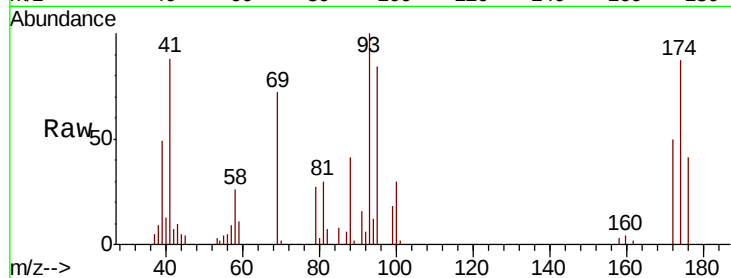
ClientSampleId :

VW1225SBS02

Tot Ion:	88	Resp:	2921
Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.6	38.4
58	75.6	52.3	78.5

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#50

Toluene-d8

Concen: 56.382 ug/l

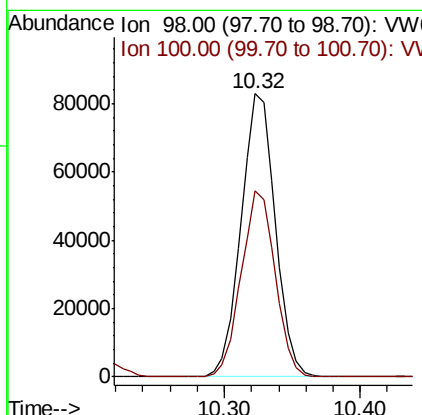
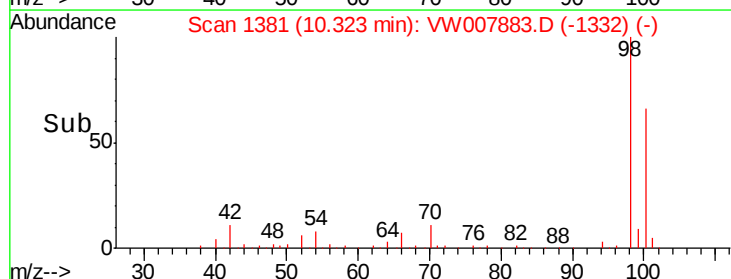
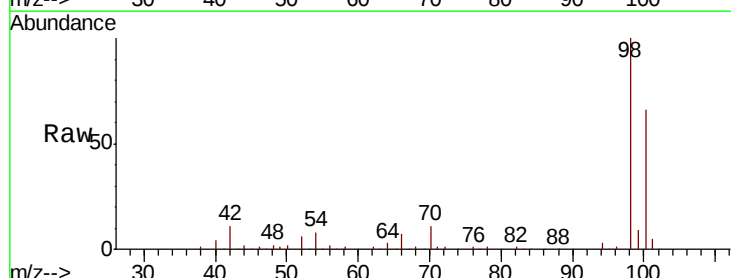
RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion:	98	Resp:	145781
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





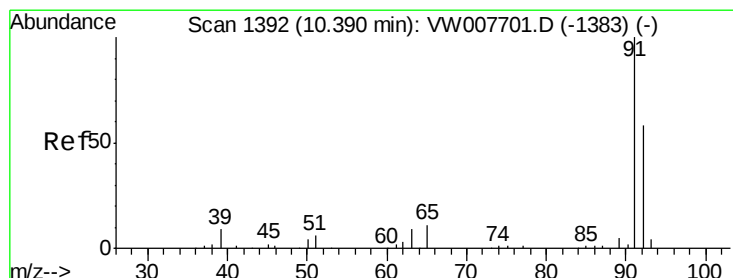
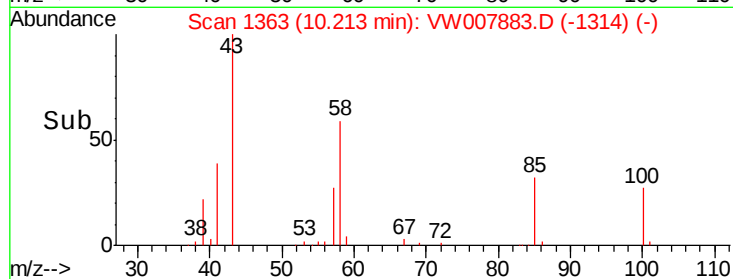
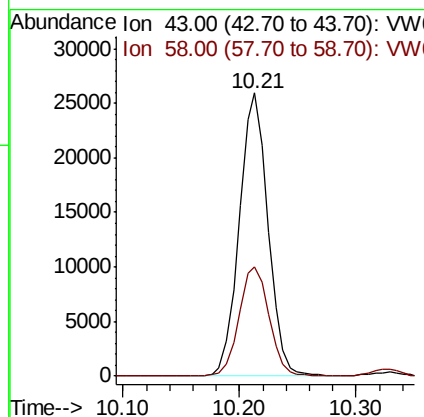
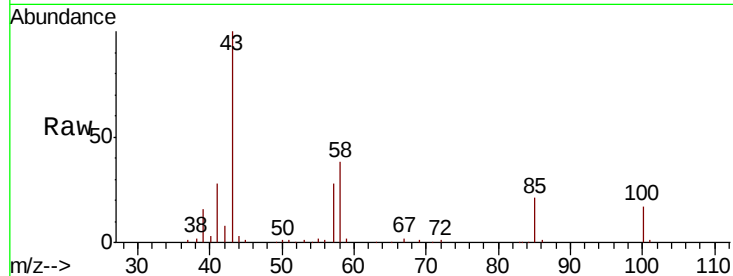
#51
4-Methyl-2-Pentanone
Concen: 125.938 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	43	58	Resp	Lower	Upper
44655	100	40.1		33.2	49.8

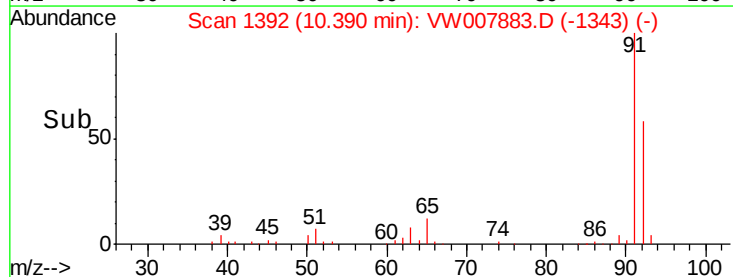
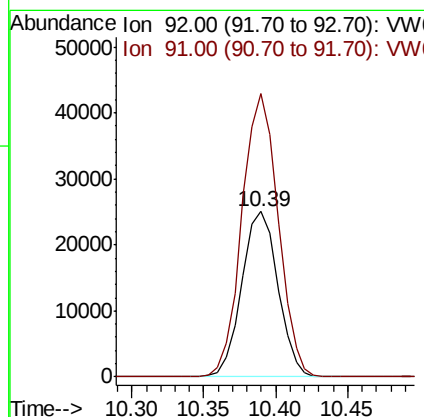
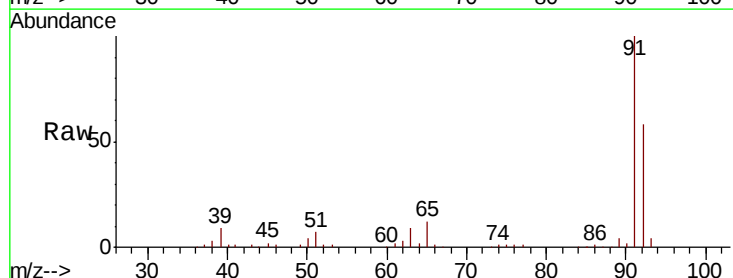
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#52
Toluene
Concen: 22.477 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	92	91	Resp	Lower	Upper
43667	100	171.7		137.0	205.4





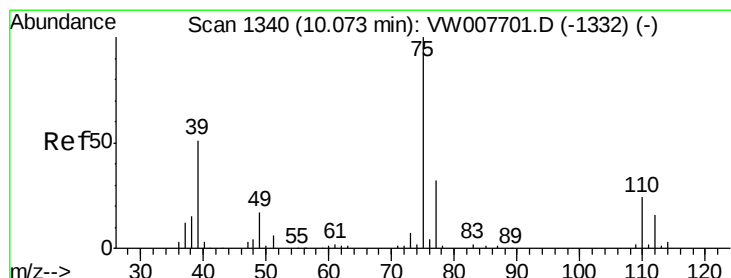
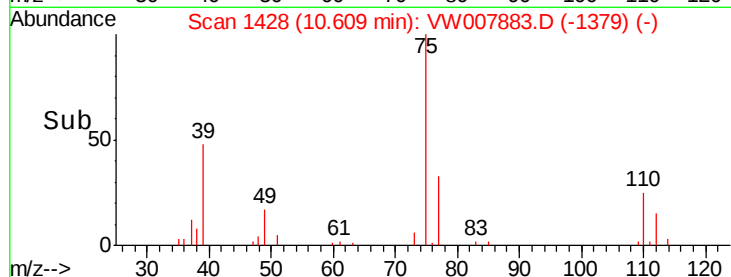
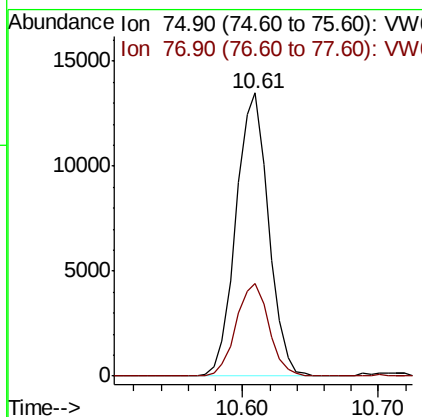
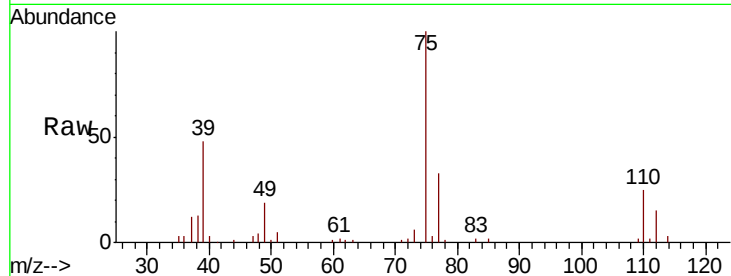
#53
t-1,3-Dichloropropene
Concen: 21.750 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion: 75 Resp: 22494
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8

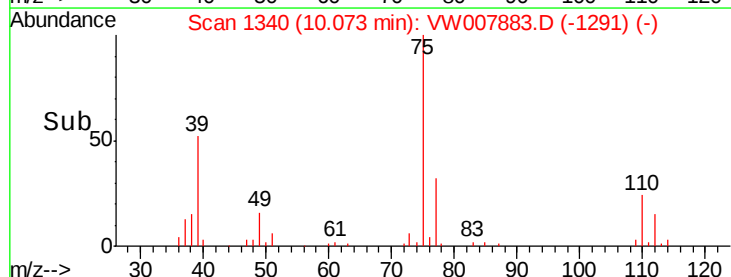
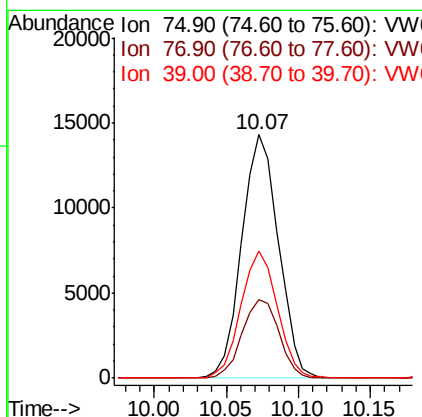
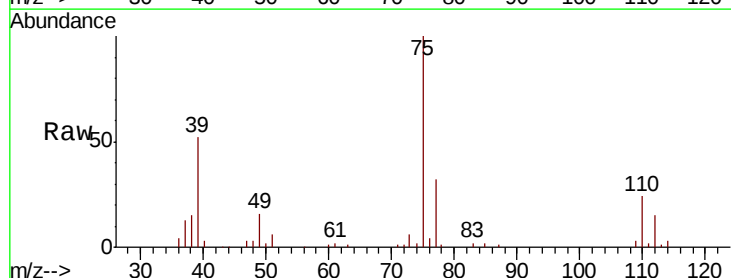
Manual Integrations
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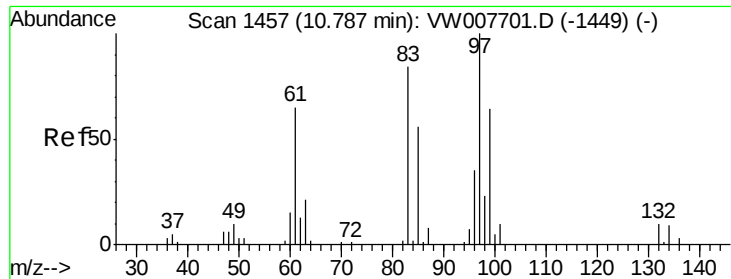
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 22.125 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion: 75 Resp: 25275
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
39 52.3 41.2 61.8





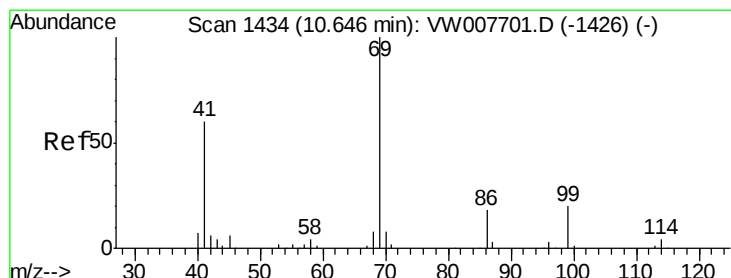
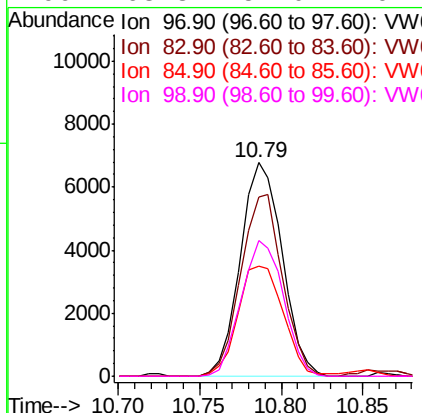
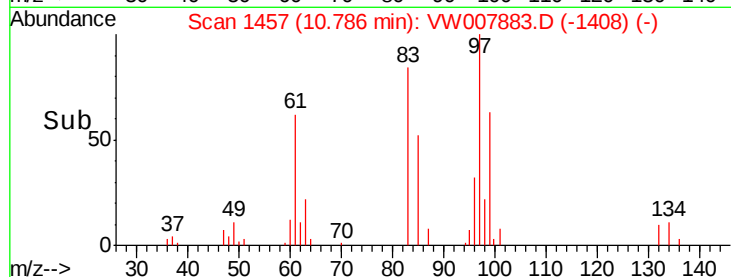
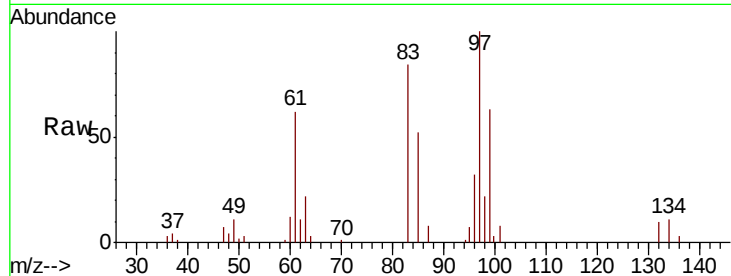
#55
 1,1,2-Trichloroethane
 Concen: 22.250 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		12132		
83	84.0	67.5	101.3		
85	51.5	44.8	67.2		
99	63.3	51.0	76.4		

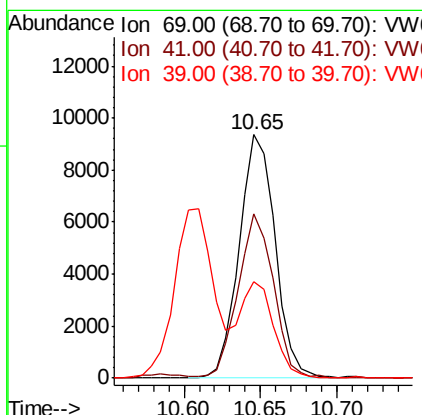
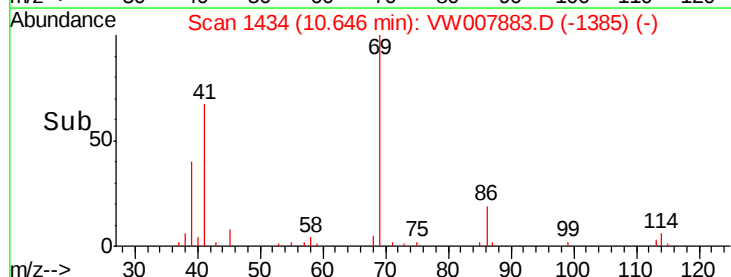
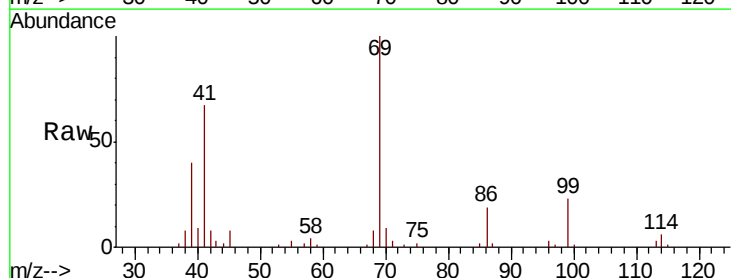
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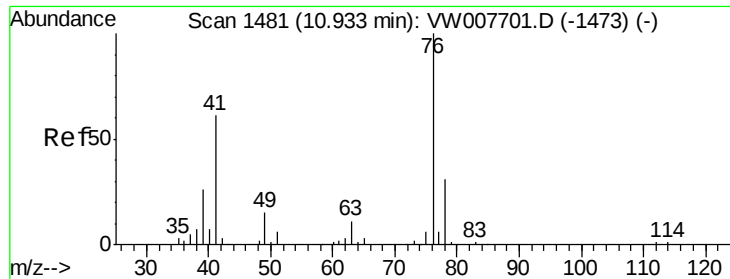
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 12/26/2018 4:38:36 PM



#56
 Ethyl methacrylate
 Concen: 23.742 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		15295		
41	66.3	48.9	73.3		
39	38.1	31.3	46.9		





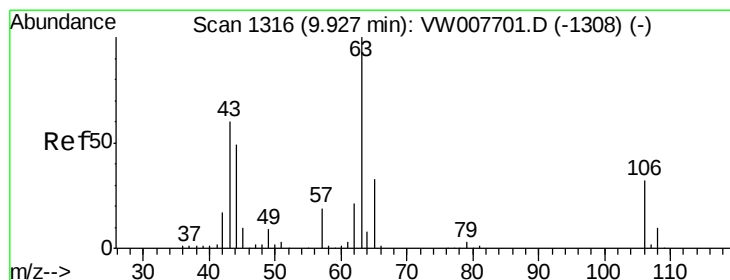
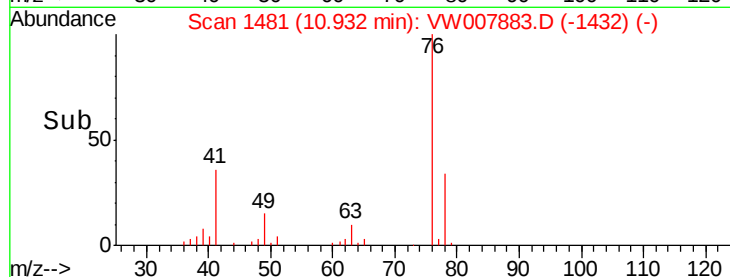
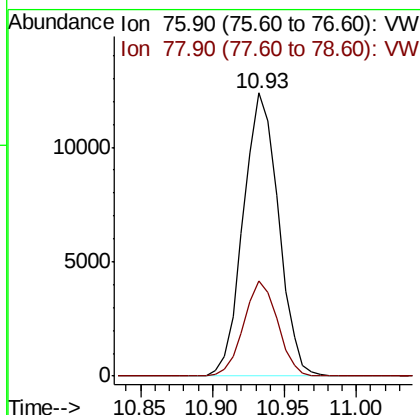
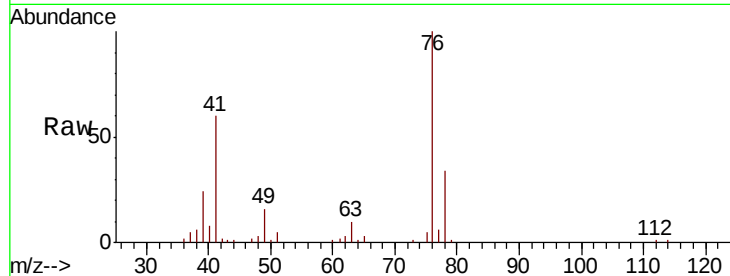
#57
 1,3-Dichloropropane
 Concen: 23.109 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion: 76 Resp: 20923
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

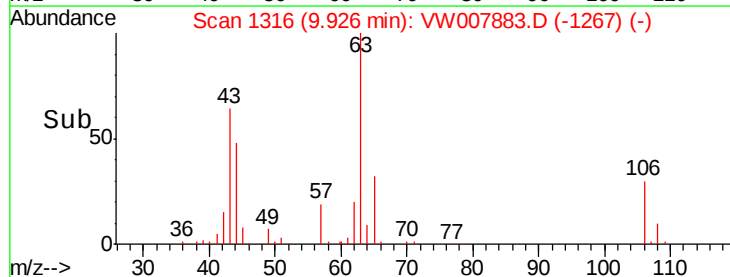
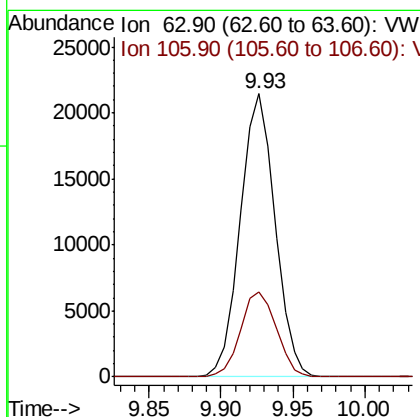
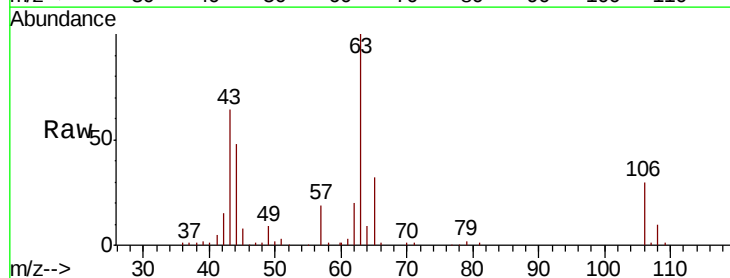
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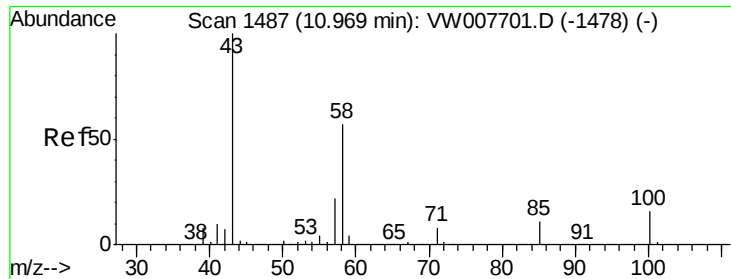
MMDadoda
 12/26/2018 4:38:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.201 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion: 63 Resp: 35943
 Ion Ratio Lower Upper
 63 100
 106 30.8 25.9 38.9





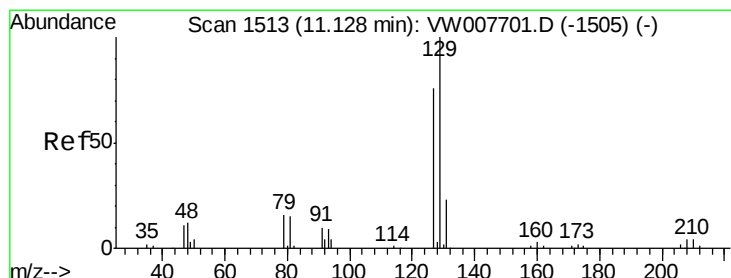
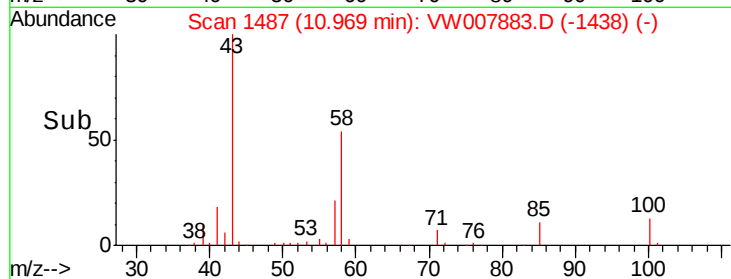
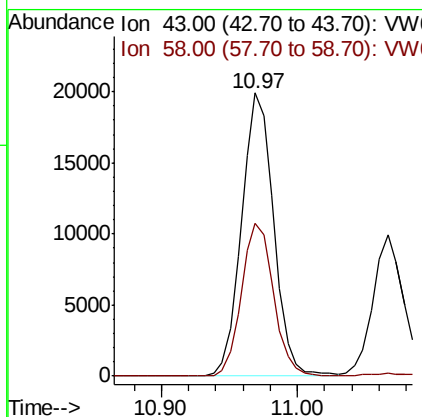
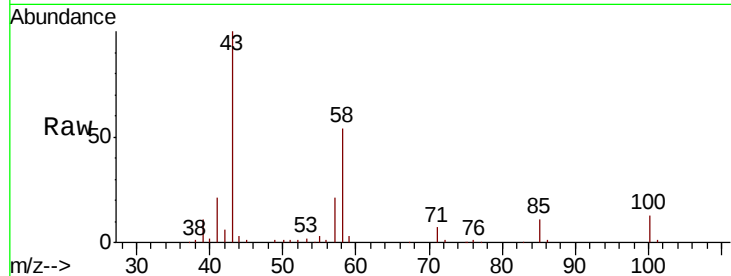
#59
2-Hexanone
Concen: 132.096 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion: 43 Resp: 32940
Ion Ratio Lower Upper
43 100
58 53.6 27.7 83.1

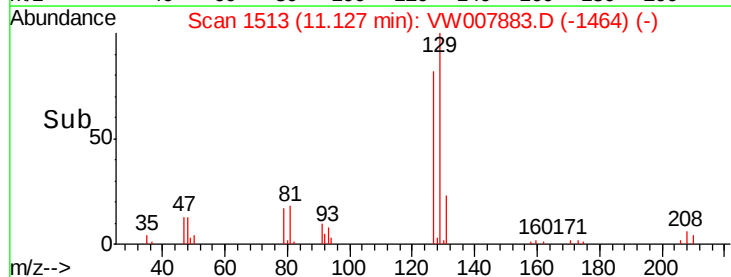
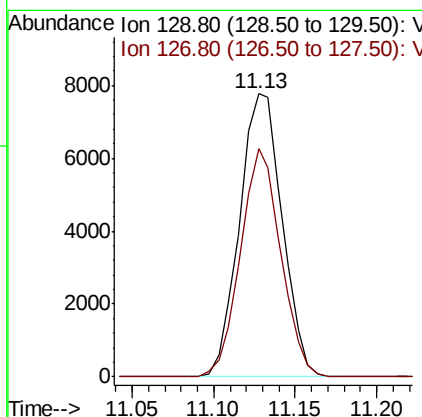
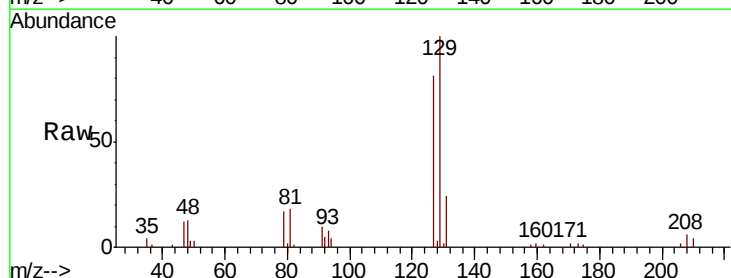
Manual Integrations
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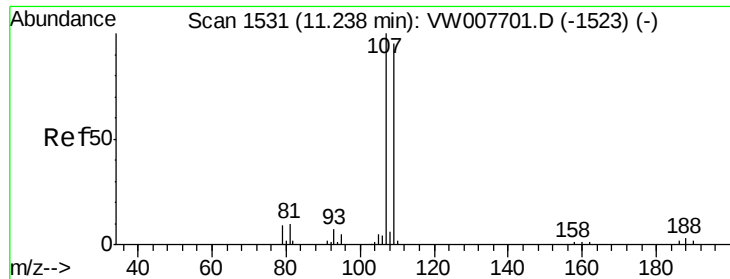
MMDadoda
12/26/2018 4:38:36 PM



#60
Dibromochloromethane
Concen: 19.634 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion: 129 Resp: 14175
Ion Ratio Lower Upper
129 100
127 76.0 38.3 114.9





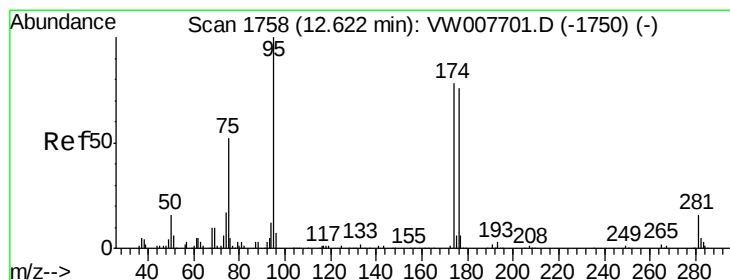
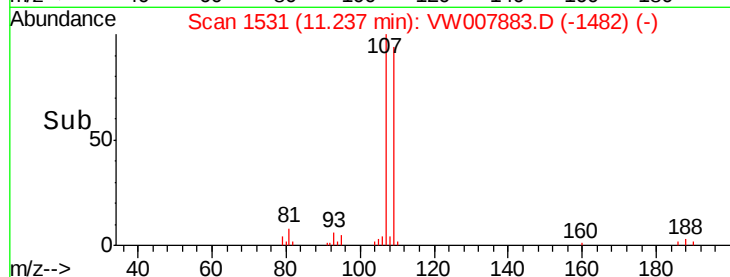
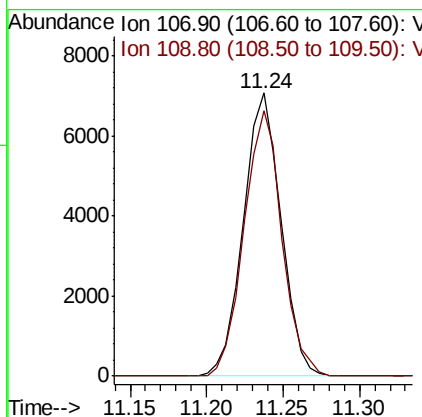
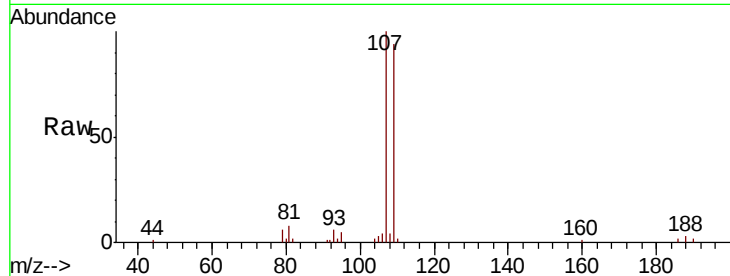
#61
 1,2-Dibromoethane
 Concen: 21.896 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.4	113.0

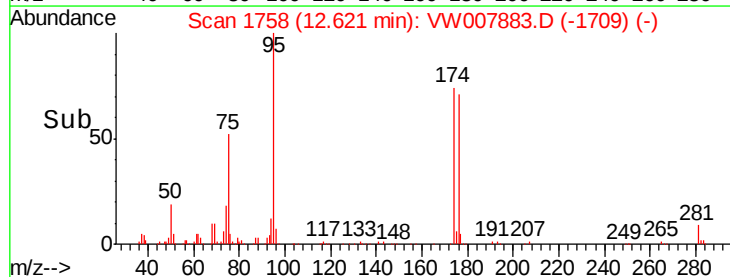
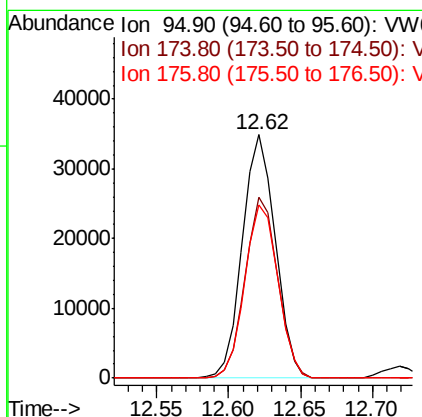
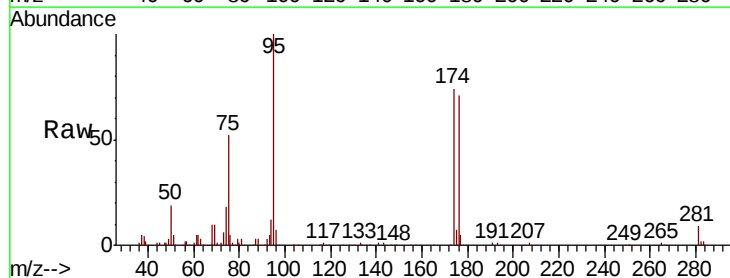
Manual Integrations
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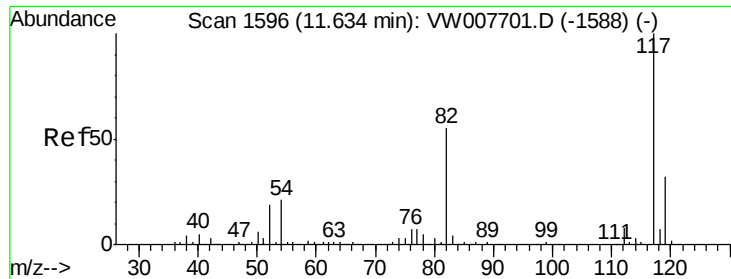
MMDadoda
 12/26/2018 4:38:36 PM



#62
 4-Bromofluorobenzene
 Concen: 55.314 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	152.2
176	71.8	0.0	146.8





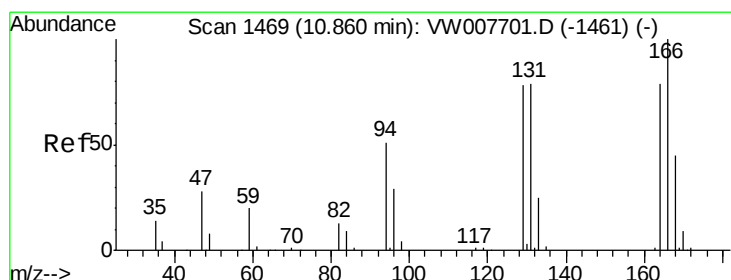
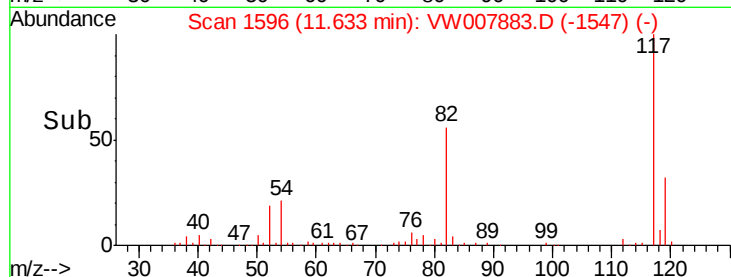
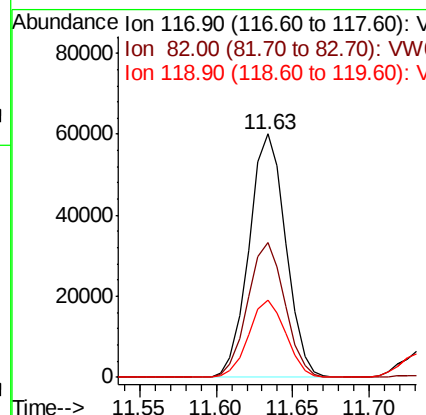
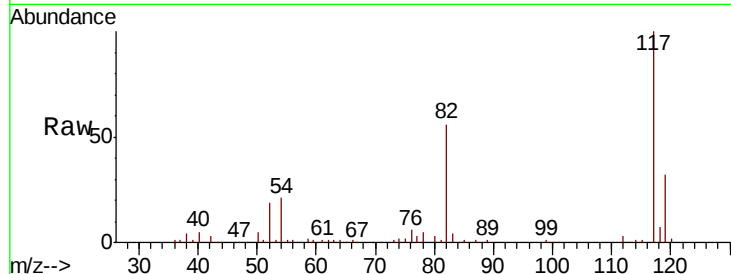
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	32.0	25.7	38.5

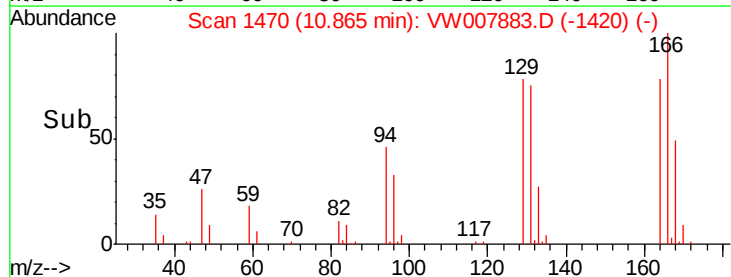
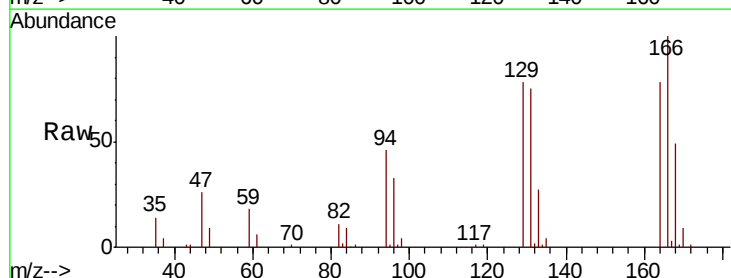
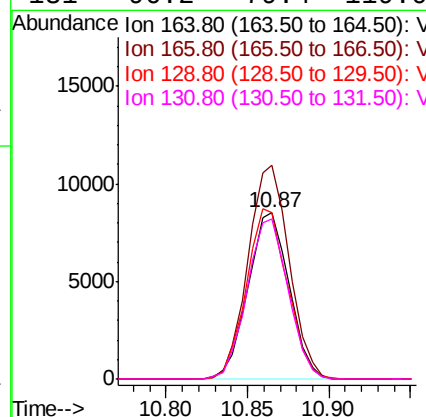
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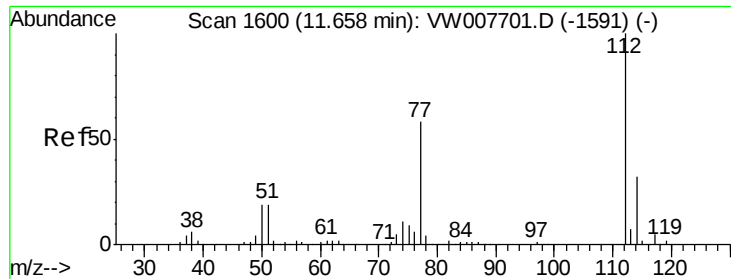
MMDadoda
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#64
Tetrachloroethene
Concen: 20.937 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.0	151.6
129	100.1	78.7	118.1
131	96.2	79.4	119.0





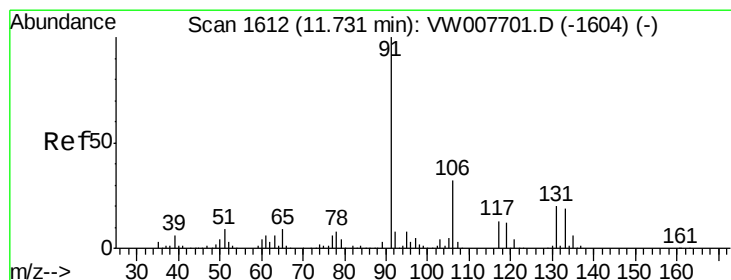
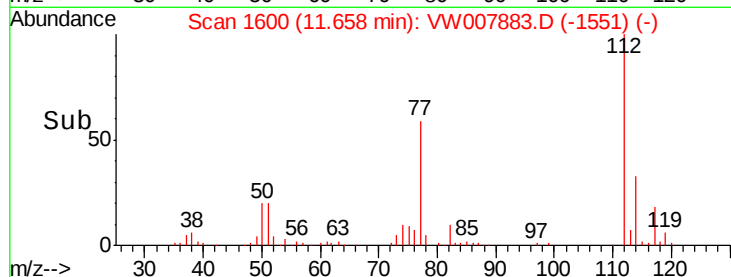
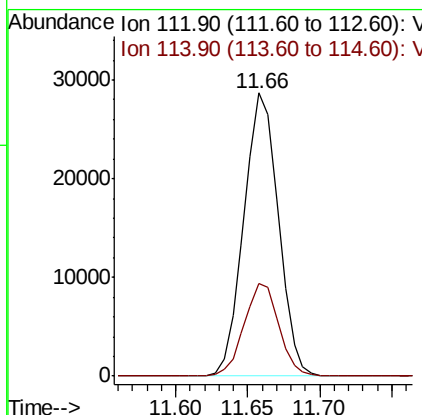
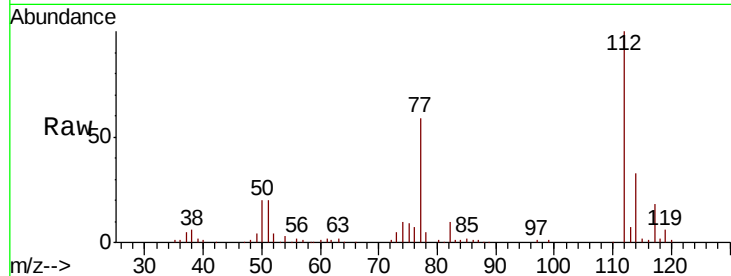
#65
Chlorobenzene
Concen: 21.934 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion:112 Resp: 47654
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8

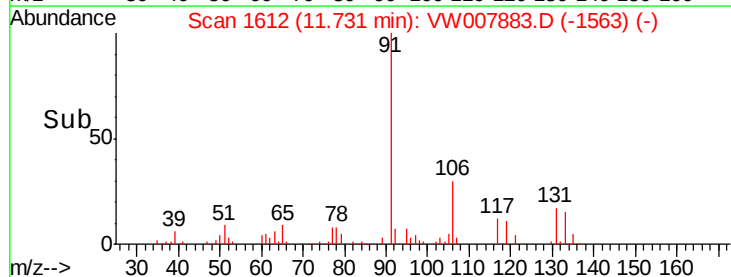
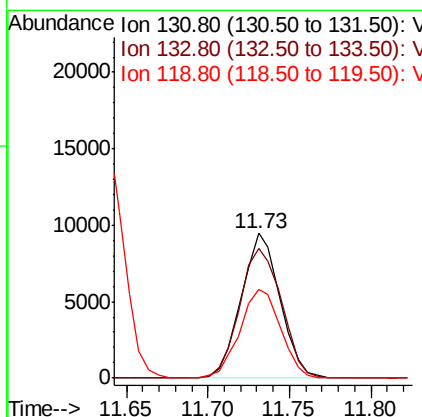
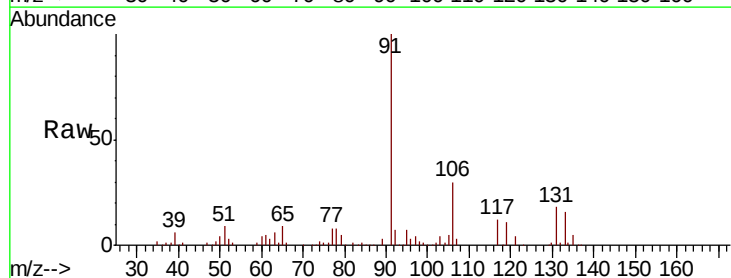
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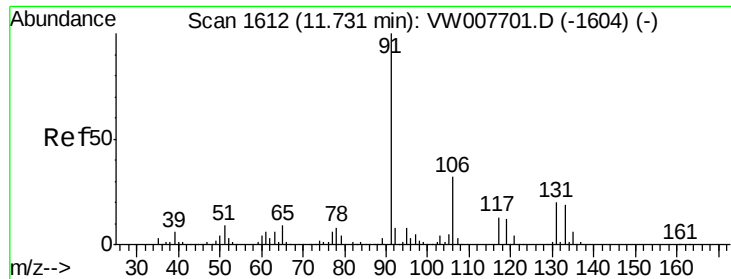
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.211 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion:131 Resp: 15690
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.5
119 64.2 30.2 90.6





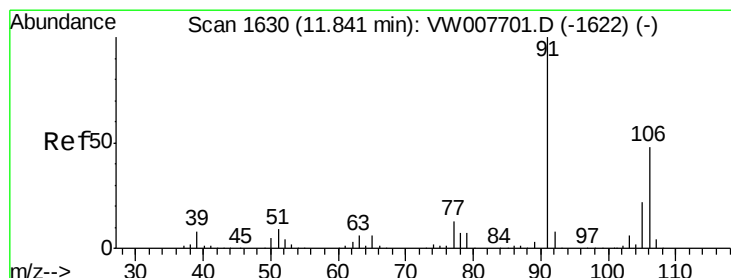
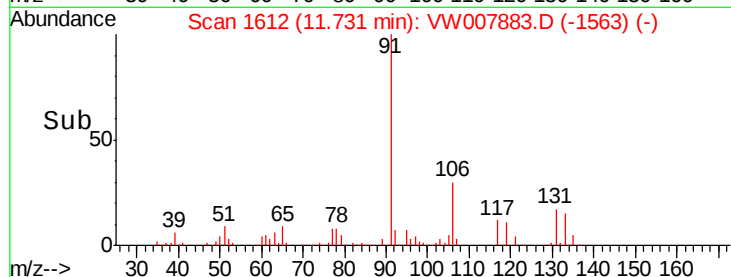
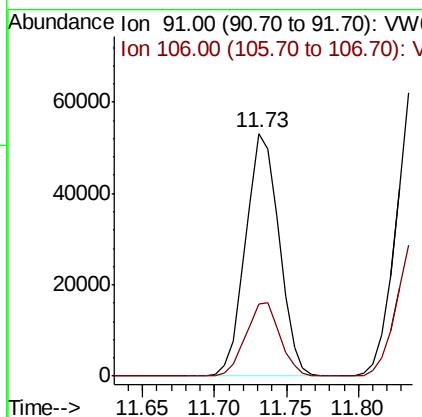
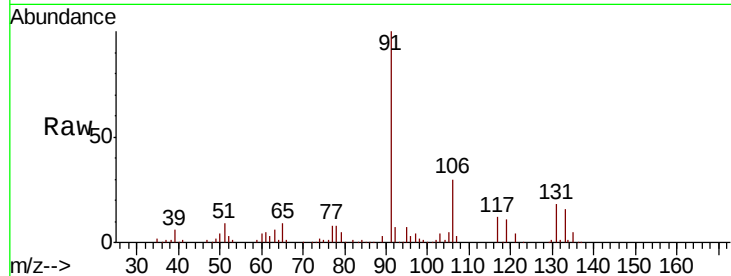
#67
Ethyl Benzene
Concen: 22.914 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion: 91 Resp: 85428
Ion Ratio Lower Upper
91 100
106 29.6 25.8 38.8

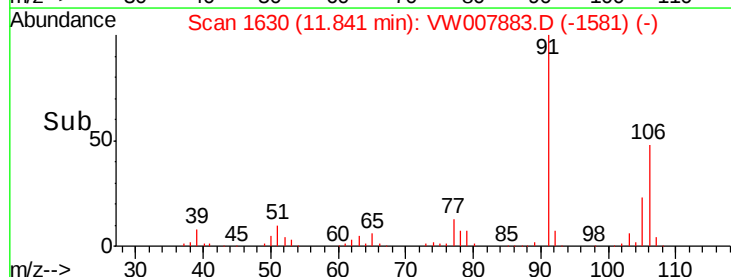
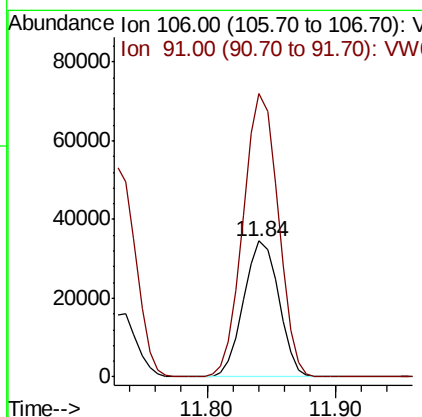
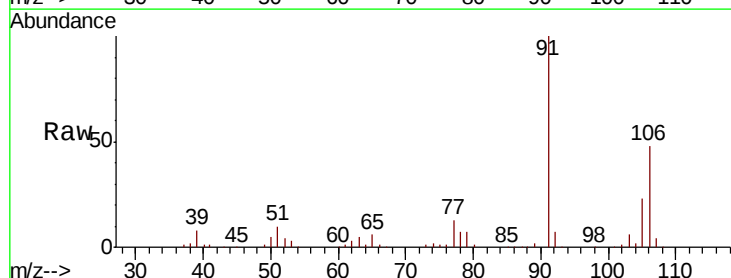
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#68
m/p-Xylenes
Concen: 45.117 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion: 106 Resp: 65249
Ion Ratio Lower Upper
106 100
91 208.4 165.2 247.8





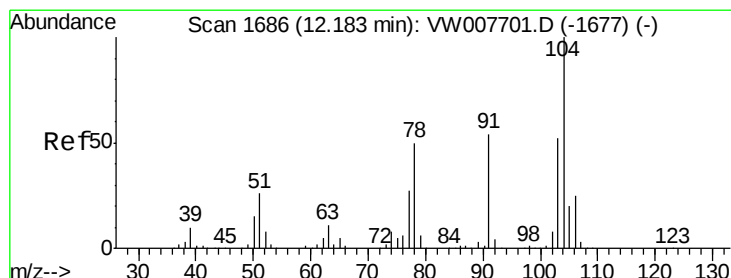
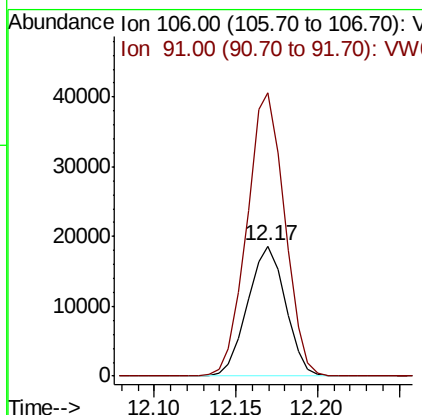
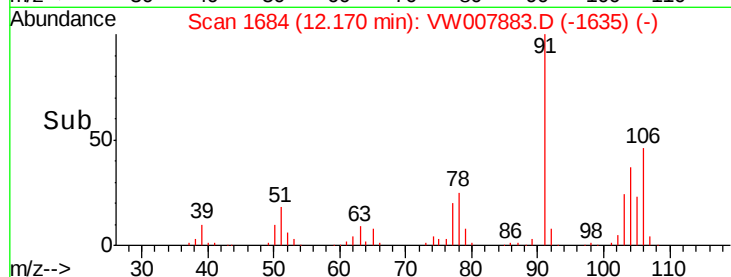
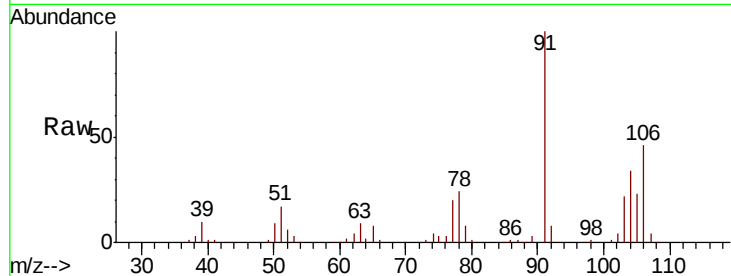
#69
o-Xylene
Concen: 22.301 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion:106 Resp: 30232
Ion Ratio Lower Upper
106 100
91 217.0 110.5 331.4

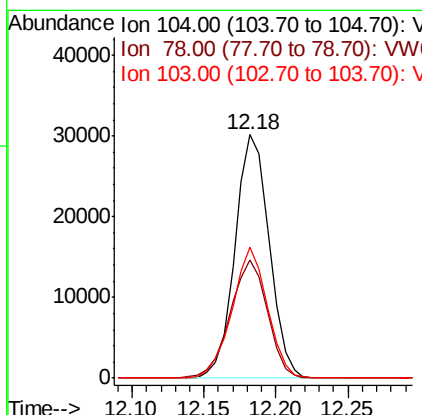
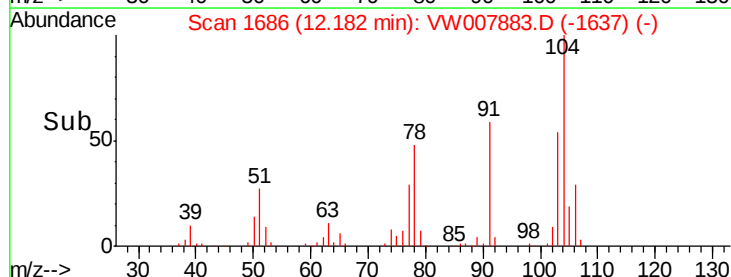
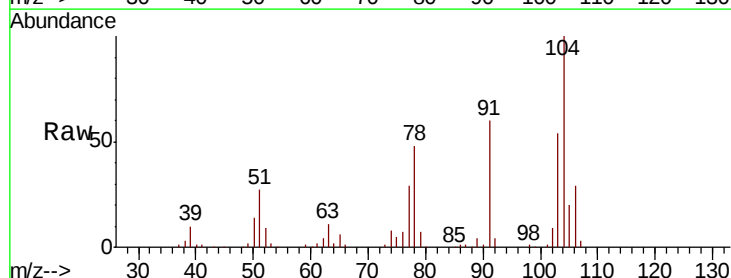
Manual Integrations
APPROVED

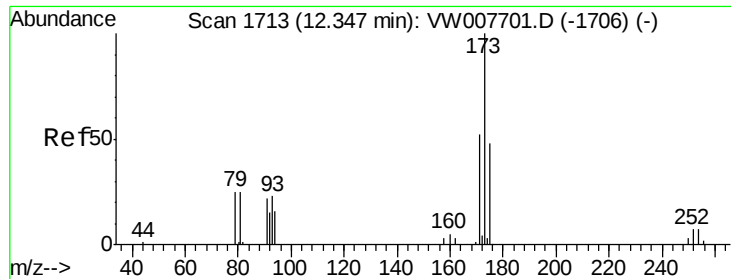
MMDadoda
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#70
Styrene
Concen: 22.329 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion:104 Resp: 49757
Ion Ratio Lower Upper
104 100
78 52.8 43.4 65.0
103 55.5 44.5 66.7





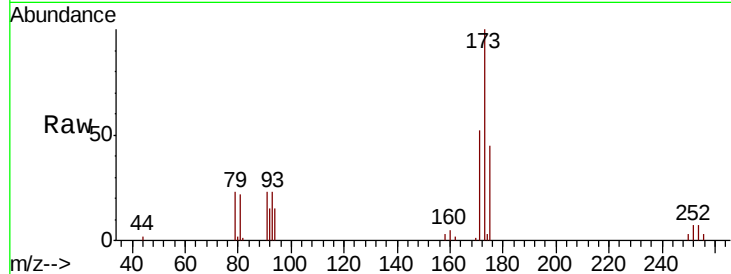
#71
Bromoform
Concen: 19.370 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.5	23.9	71.7
254	0.0	0.0	0.0

Manual Integrations
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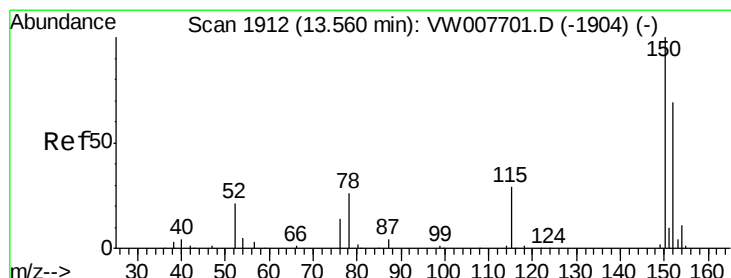
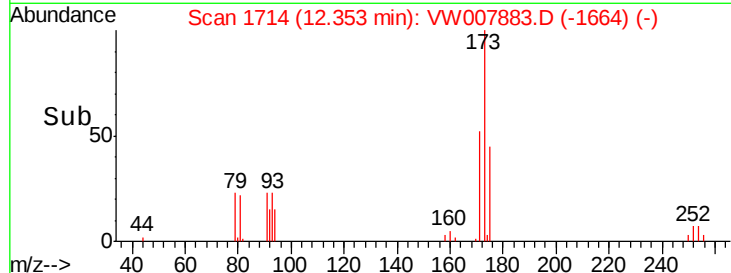
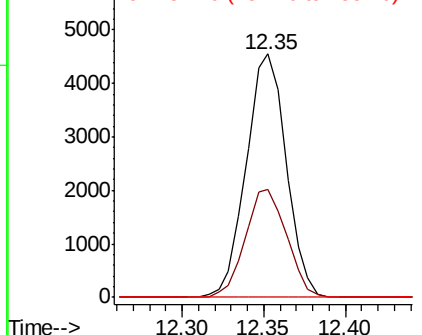


Abundance

Ion 172.70 (172.40 to 173.40): V

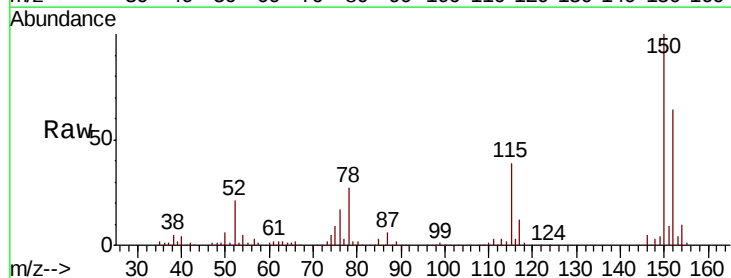
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.8	95.4
150	167.3	0.0	350.8

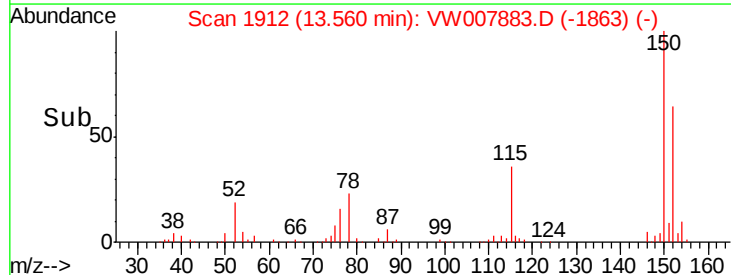
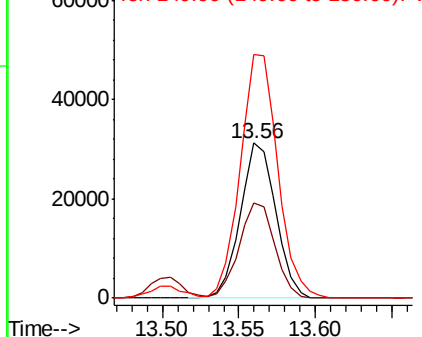


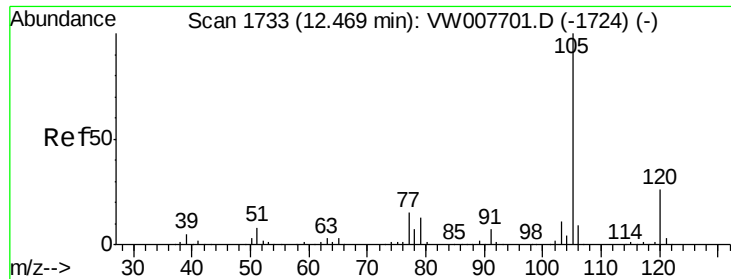
Abundance

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: 23.262 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VW1225SBS02

Tot Ion:105 Resp: 87902

Ion Ratio Lower Upper

105 100

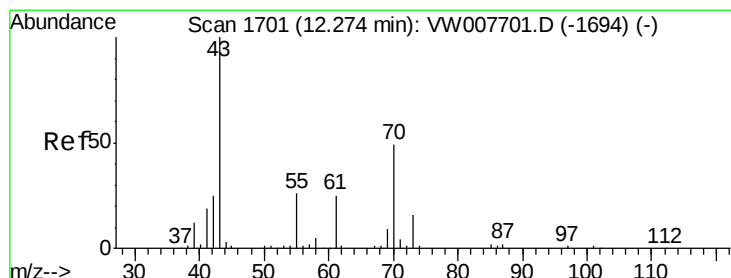
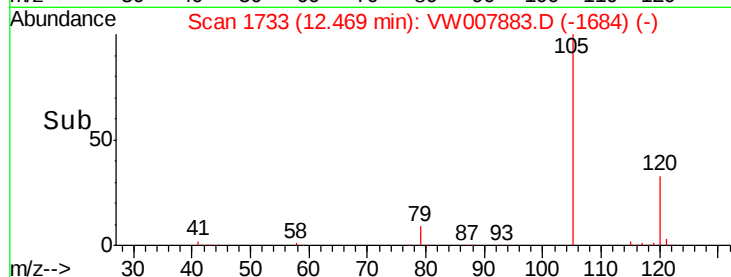
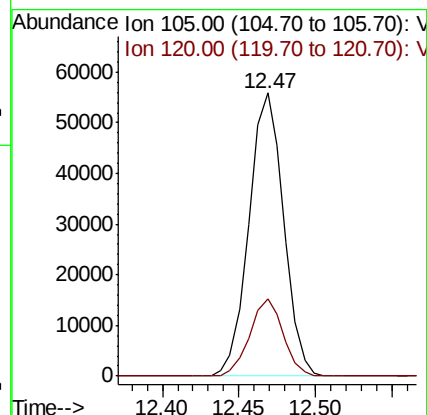
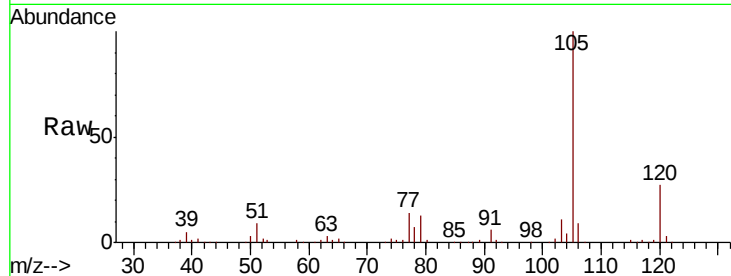
120 26.4 13.1 39.3

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#74

N-ethyl acetate

Concen: 26.928 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion: 43 Resp: 17626

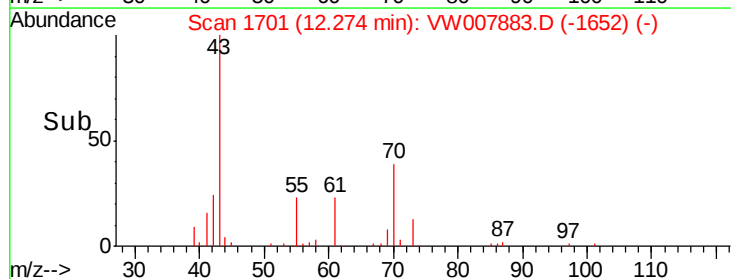
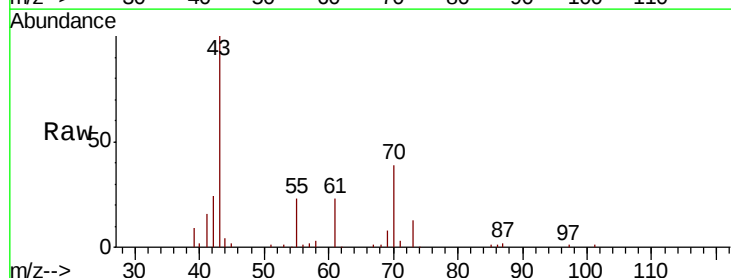
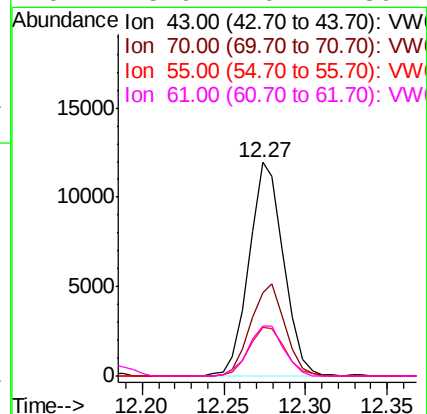
Ion Ratio Lower Upper

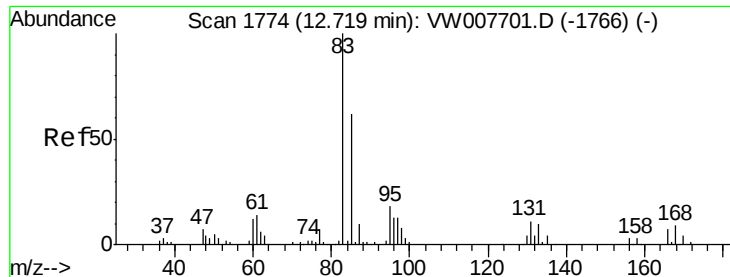
43 100

70 42.9 37.6 56.4

55 23.8 21.7 32.5

61 23.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.702 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

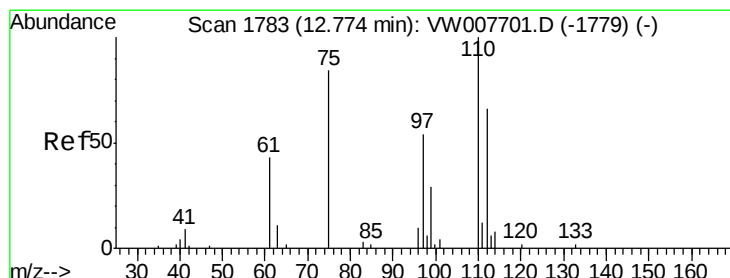
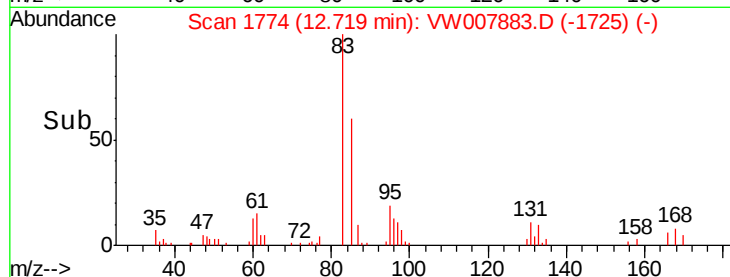
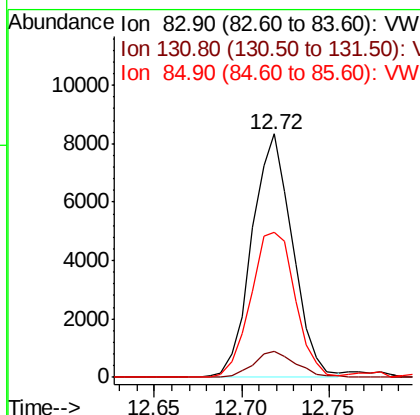
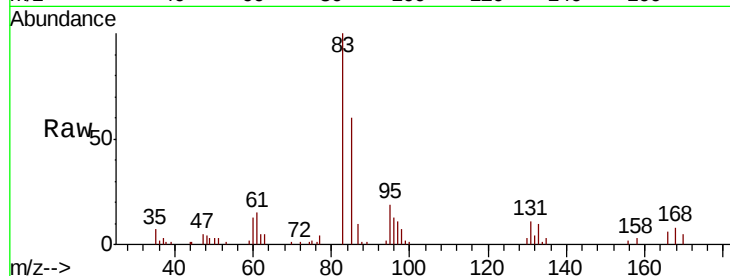
ClientSampleId :

VW1225SBS02

Tot Ion:	83	Resp:	13429
Ion Ratio	Lower	Upper	
83	100		
131	11.2	6.3	18.8
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 22.143 ug/l m

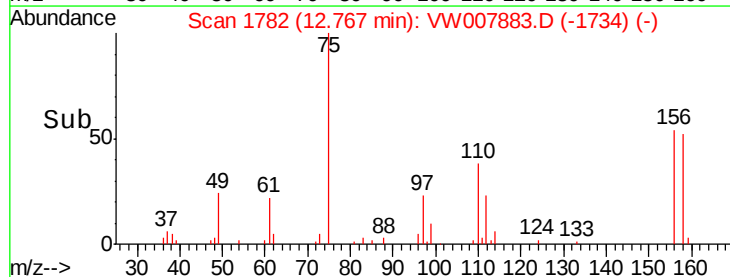
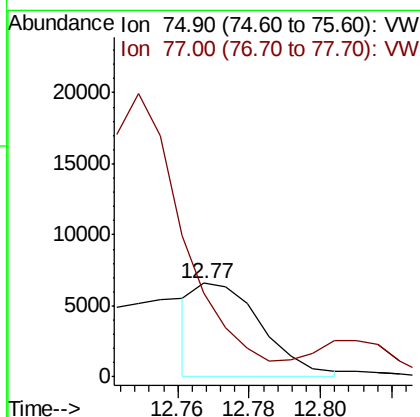
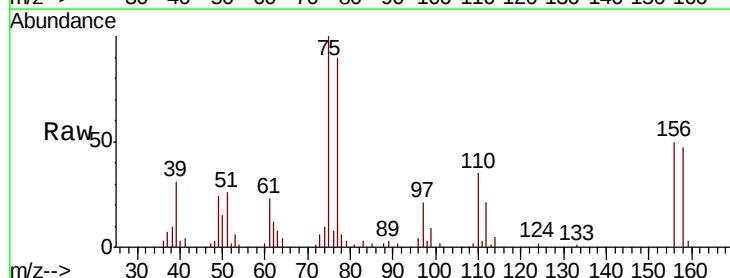
RT: 12.77 min Scan# 1782

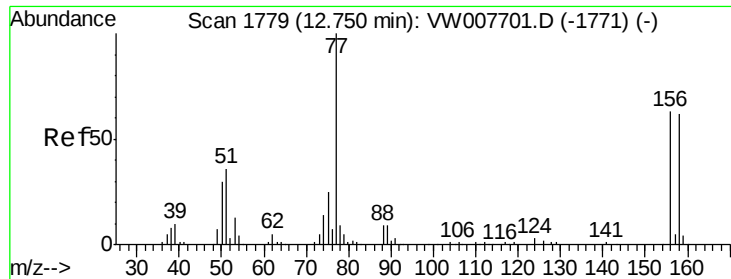
Delta R.T. -0.01 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion:	75	Resp:	8556
Ion Ratio	Lower	Upper	
75	100		
77	409.8	0.0	0.0#





#77

Bromobenzene

Concen: 21.605 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

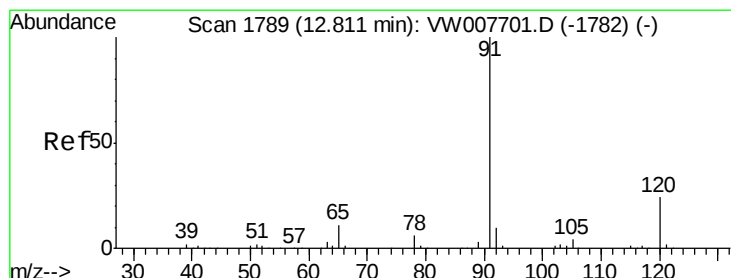
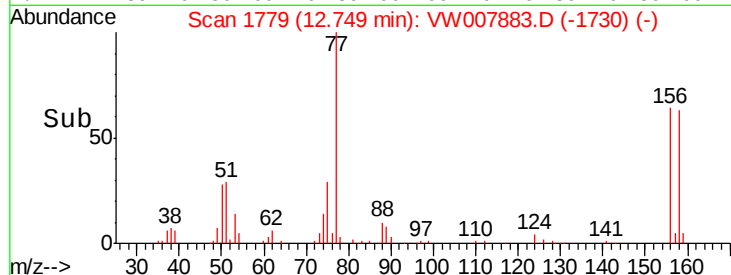
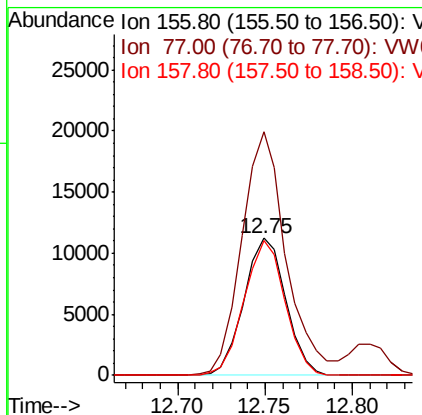
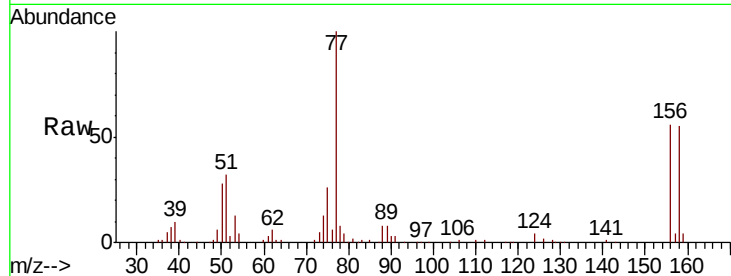
ClientSampleId :

VW1225SBS02

Tot Ion:	156	Resp:	18710
Ion Ratio	Lower	Upper	
156	100		
77	187.4	87.4	262.1
158	96.7	48.4	145.0

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#78

n-propylbenzene

Concen: 23.085 ug/l

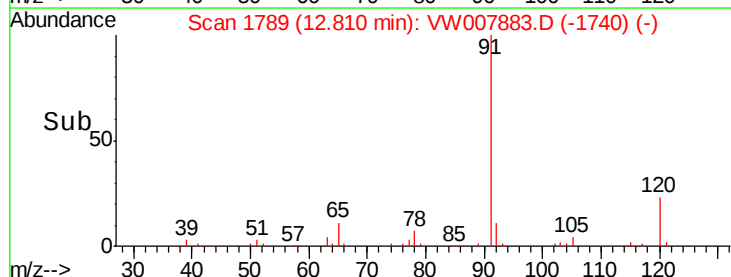
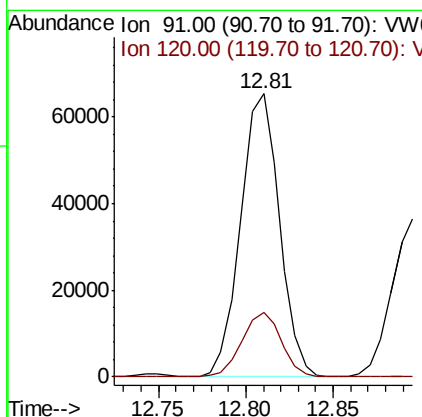
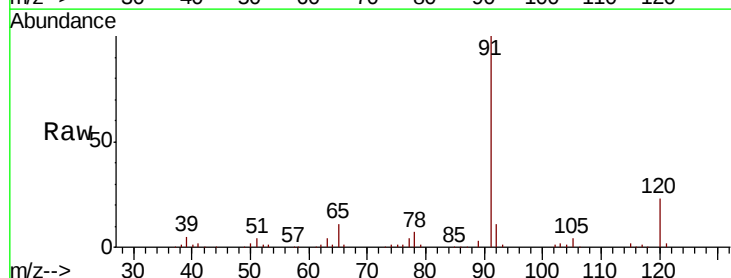
RT: 12.81 min Scan# 1789

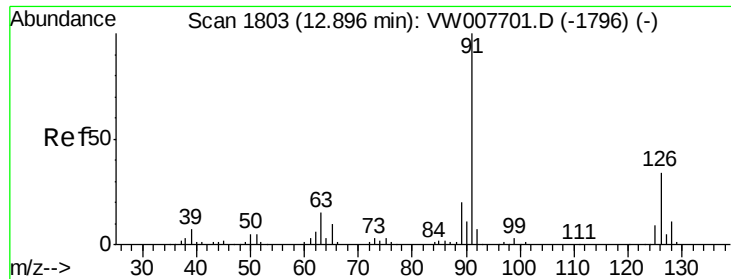
Delta R.T. -0.00 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion:	91	Resp:	101548
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.9	35.7





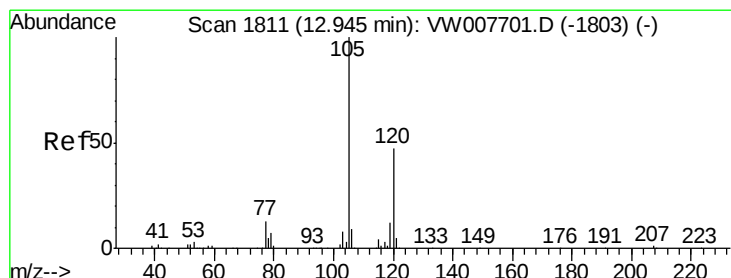
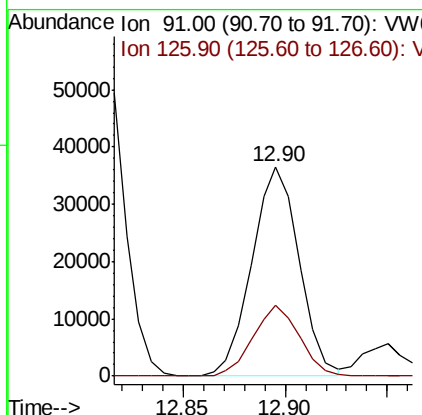
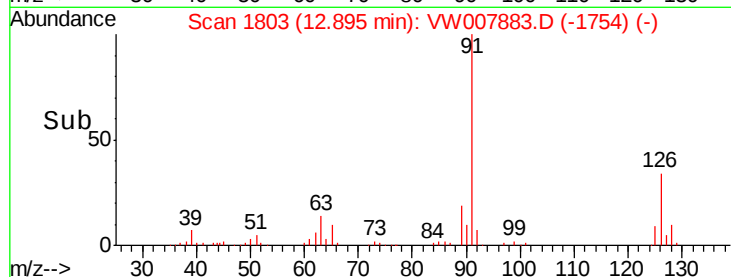
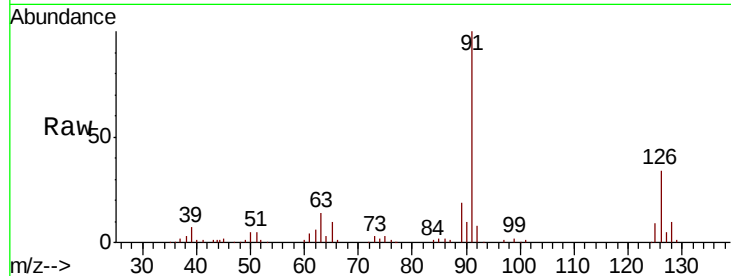
#79
 2-Chlorotoluene
 Concen: 22.998 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion: 91 Resp: 58934
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.0 51.0

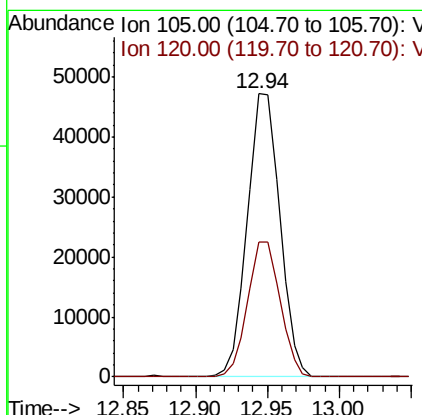
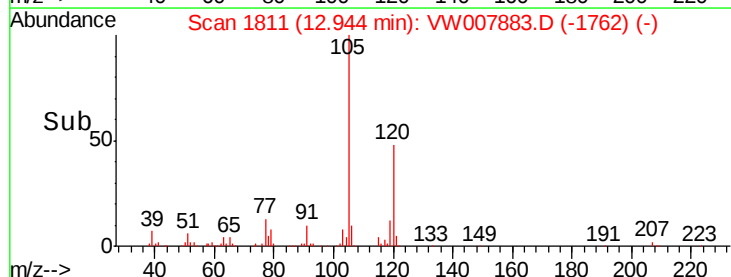
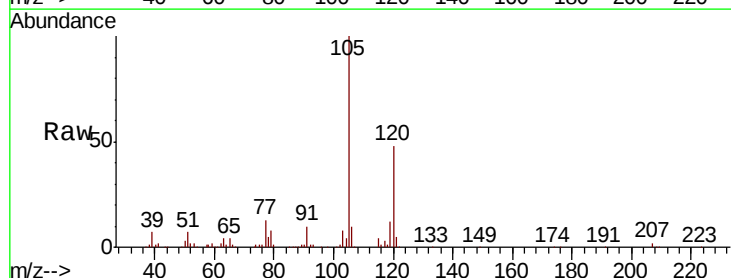
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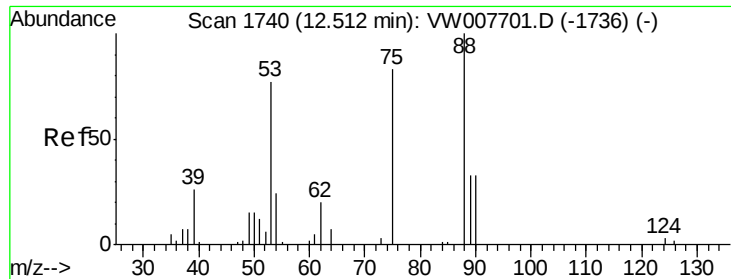
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.720 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion:105 Resp: 74056
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.6 70.8





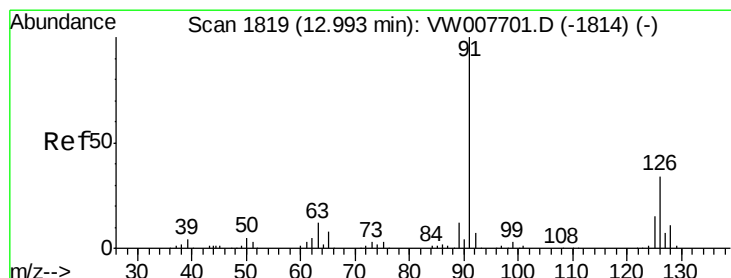
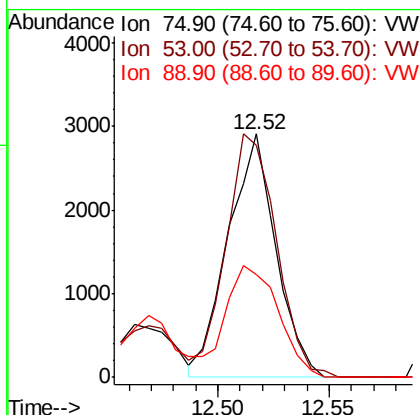
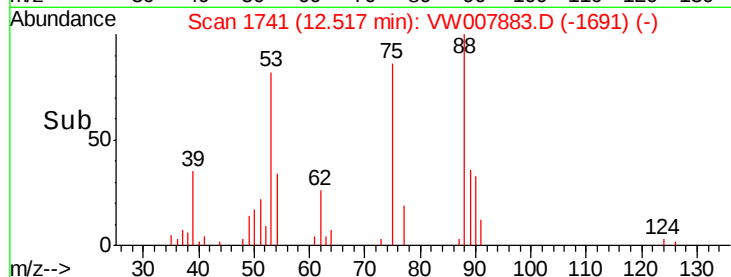
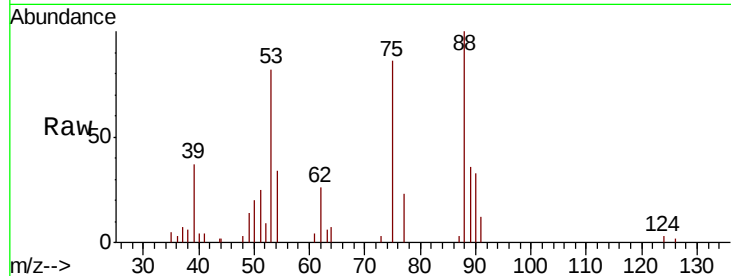
#81
trans-1,4-Dichloro-2-butene
Concen: 23.653 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.5	80.2	120.2
89	49.7	39.2	58.8

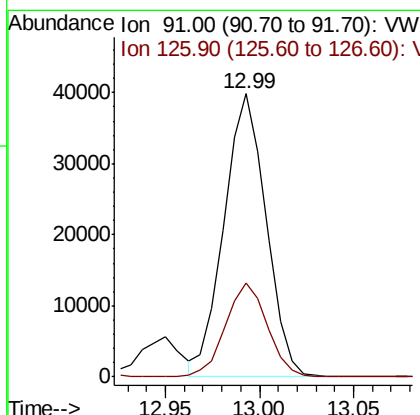
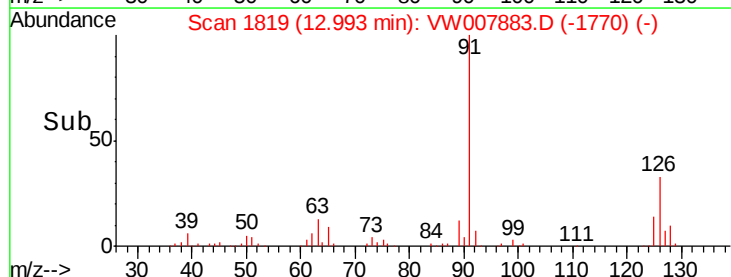
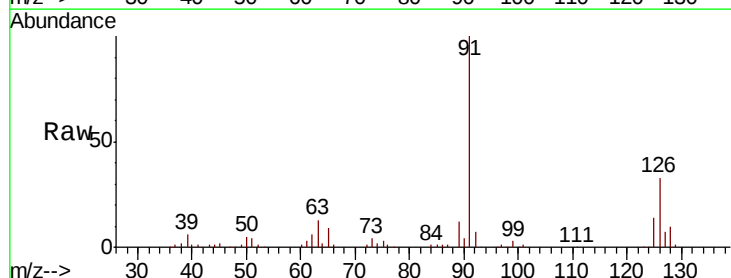
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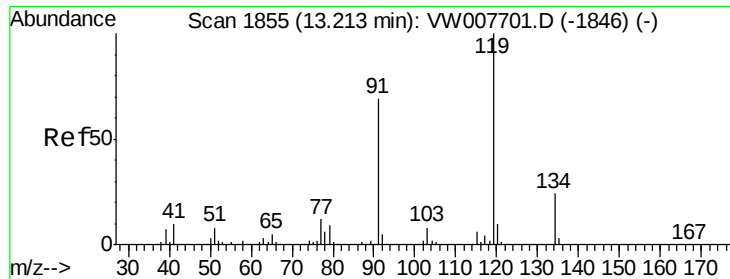
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#82
4-Chlorotoluene
Concen: 22.613 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.5	49.5





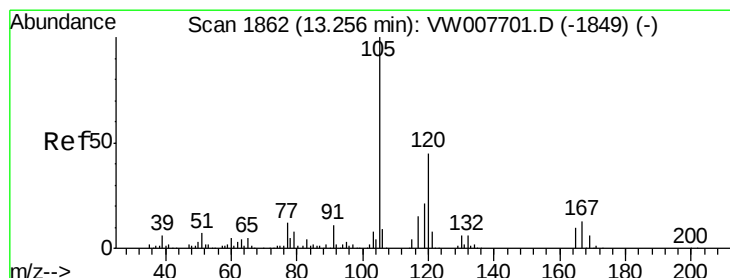
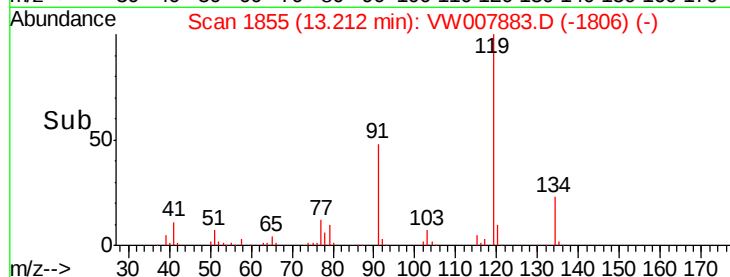
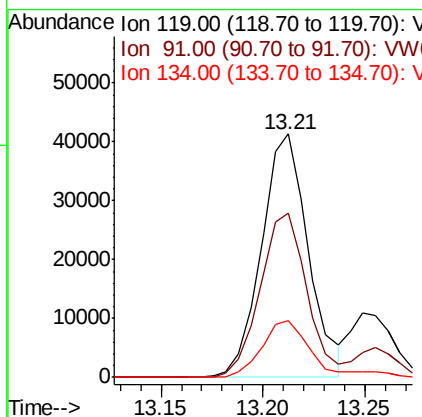
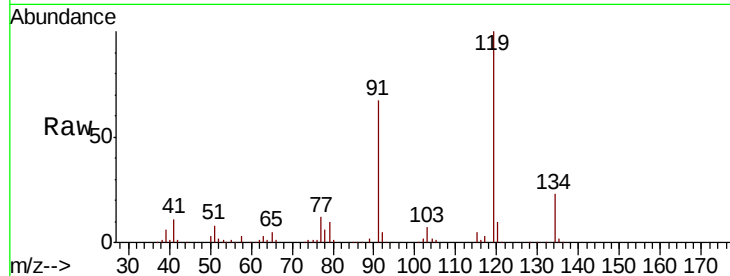
#83
tert-Butylbenzene
Concen: 23.143 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	34.2	102.5
134	25.0	12.8	38.4

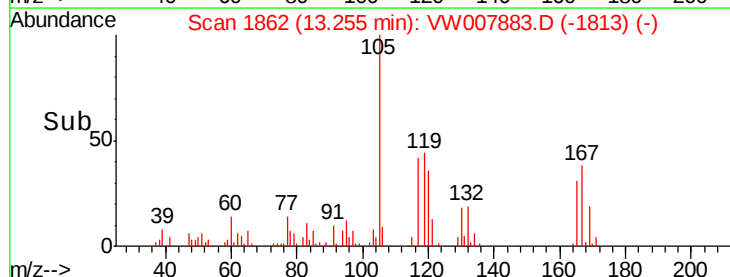
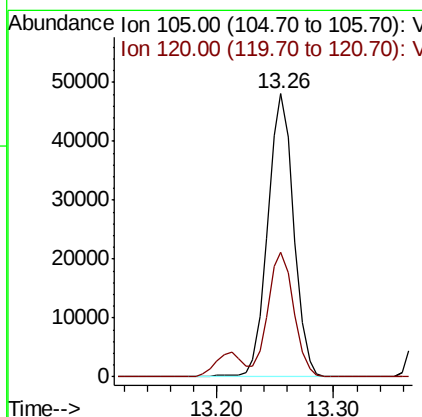
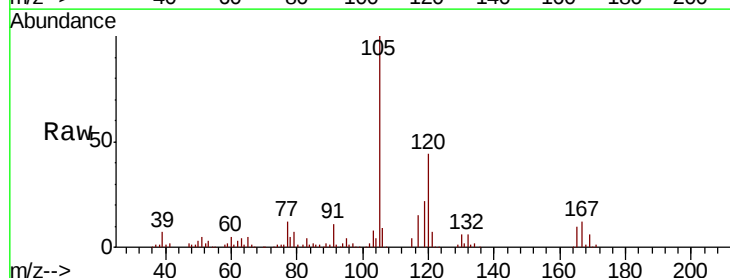
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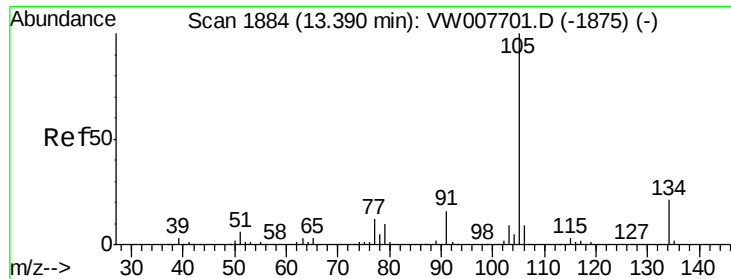
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#84
1,2,4-Trimethylbenzene
Concen: 22.700 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0





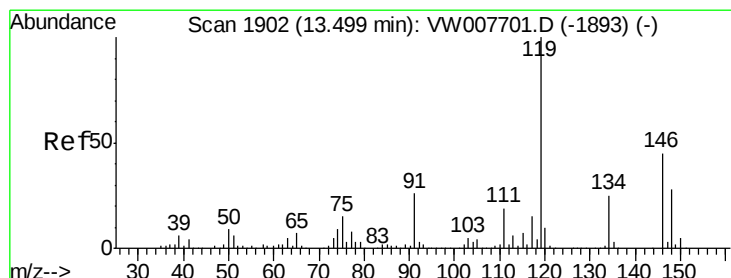
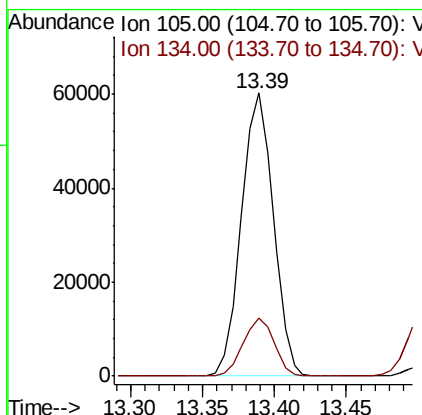
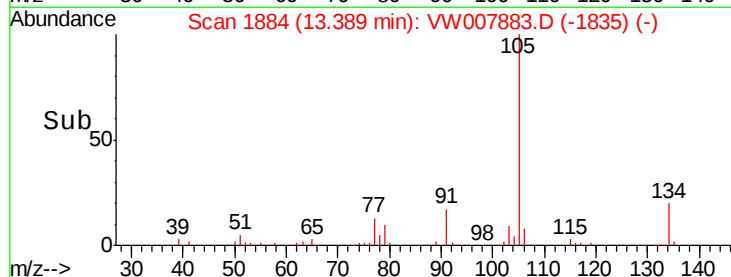
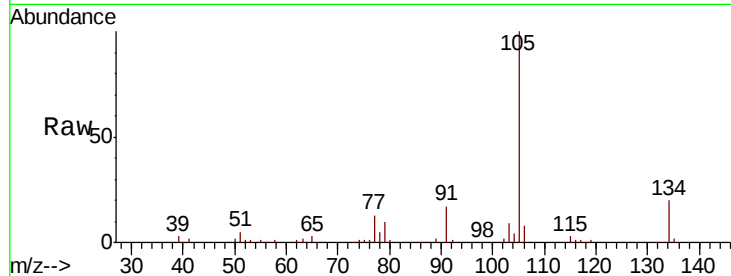
#85
 sec-Butylbenzene
 Concen: 23.530 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion:105 Resp: 92745
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

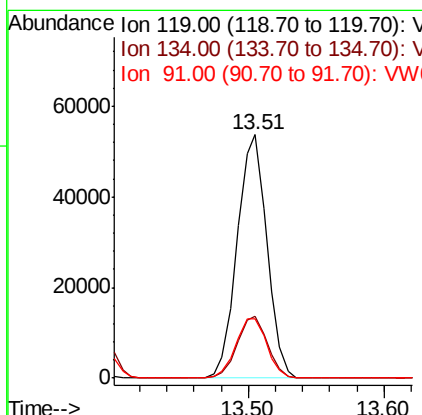
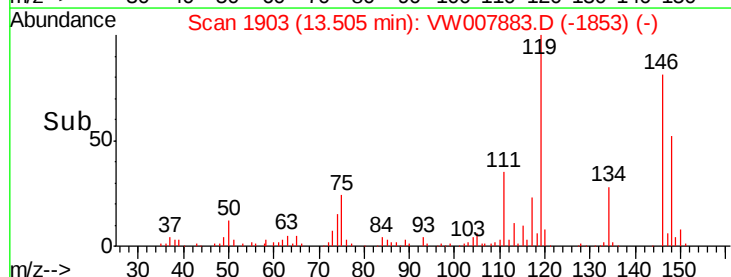
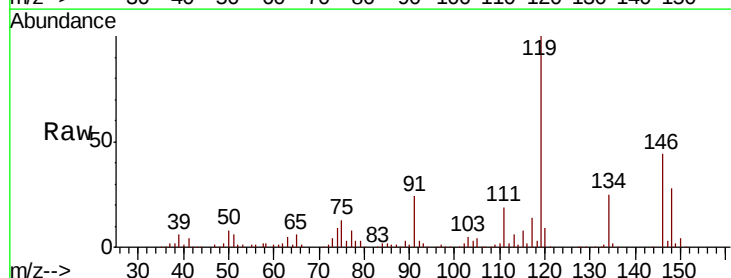
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#86
 p-Isopropyltoluene
 Concen: 22.759 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion:119 Resp: 81571
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.5 12.8 38.4





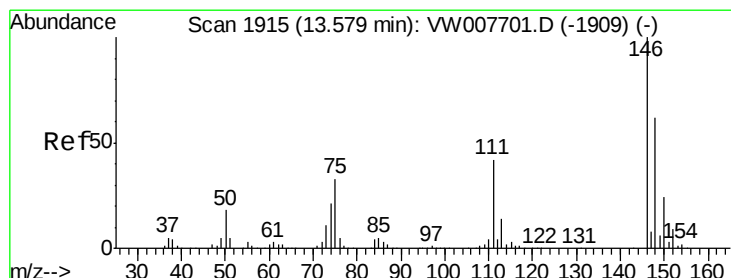
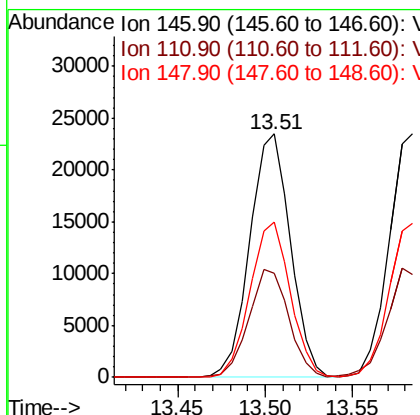
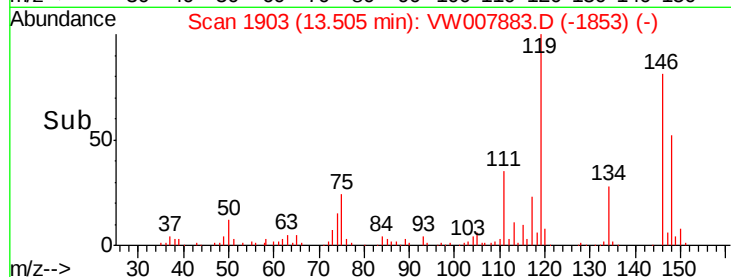
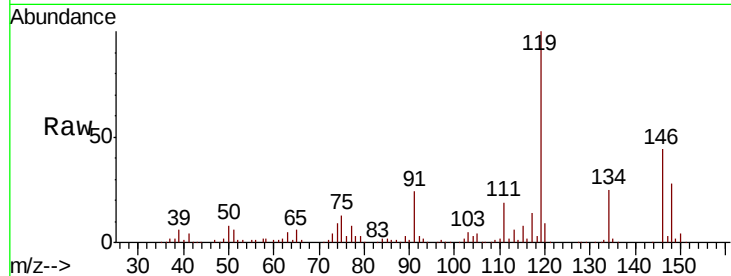
#87
 1,3-Dichlorobenzene
 Concen: 22.252 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	63.2	32.1	96.5

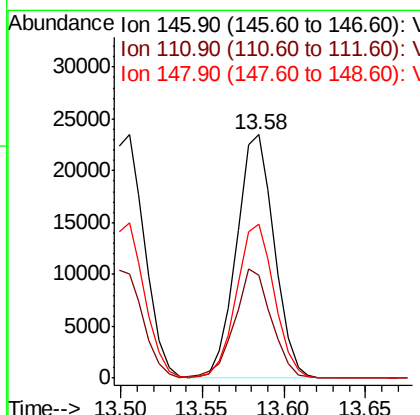
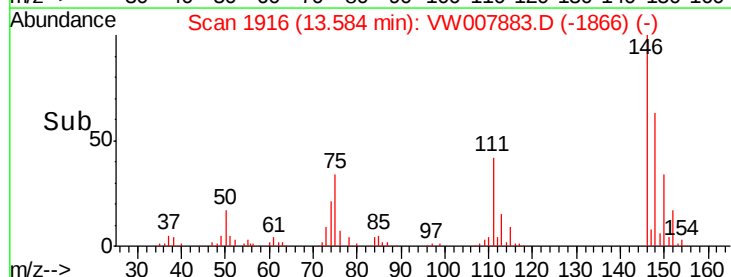
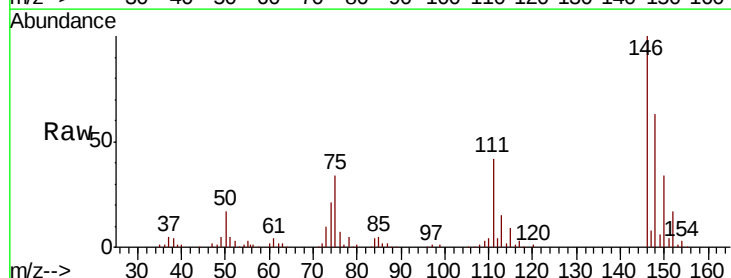
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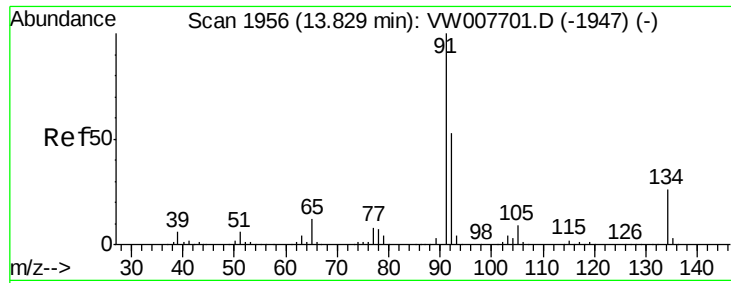
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#88
 1,4-Dichlorobenzene
 Concen: 21.988 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.0	63.0
148	63.6	31.8	95.4





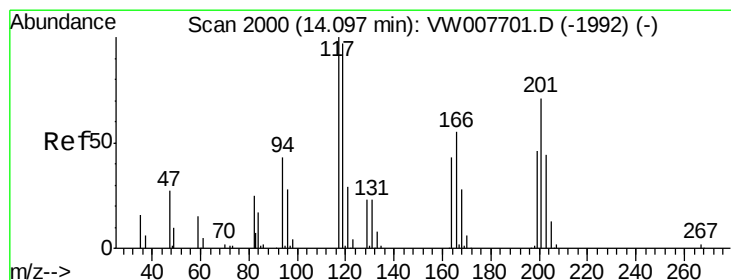
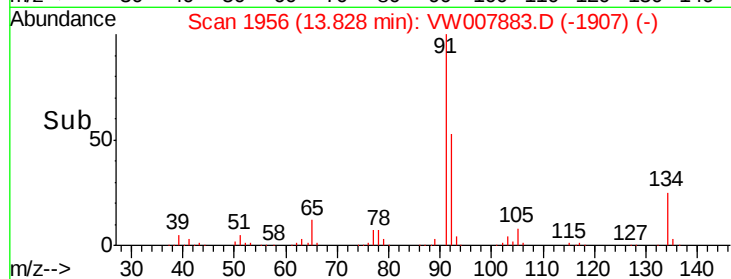
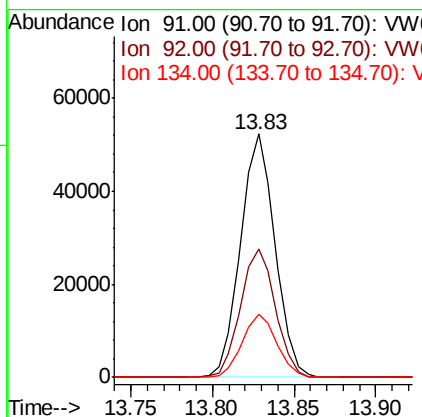
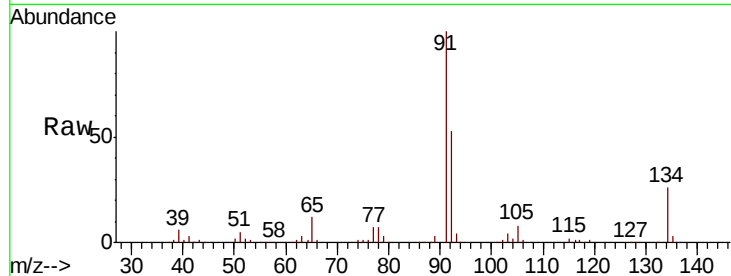
#89
n-Butylbenzene
Concen: 23.394 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.2
134	26.1	13.7	41.0

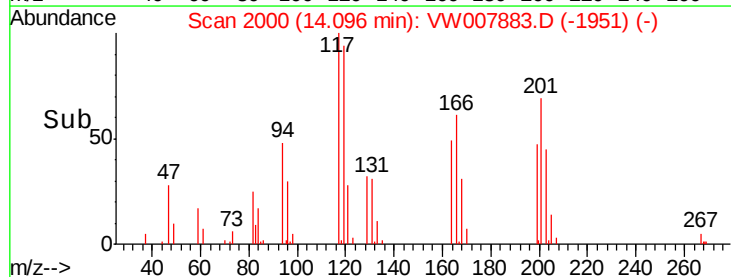
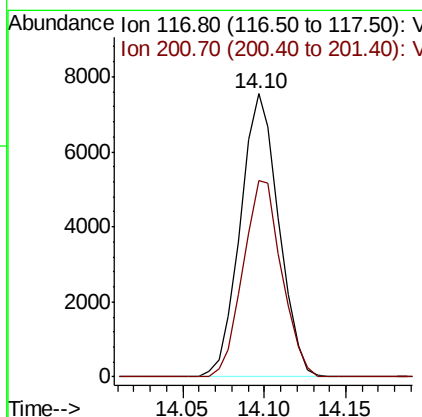
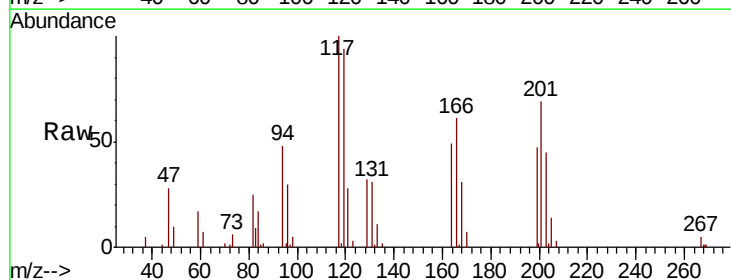
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#90
Hexachloroethane
Concen: 19.722 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.6	36.2	108.6





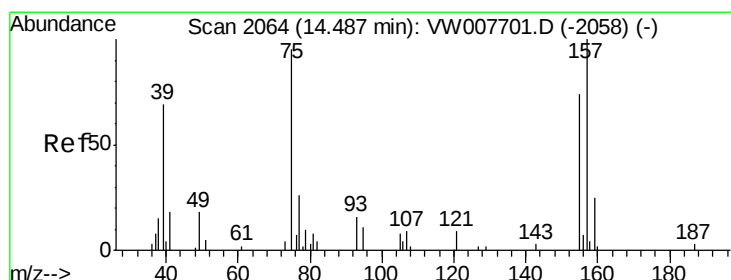
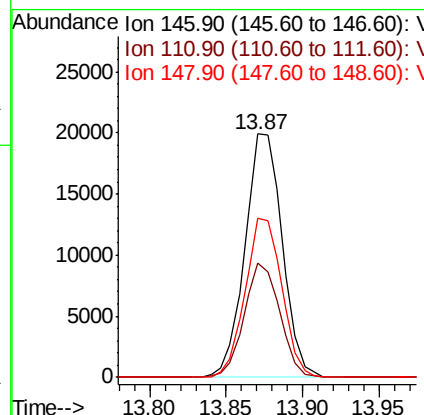
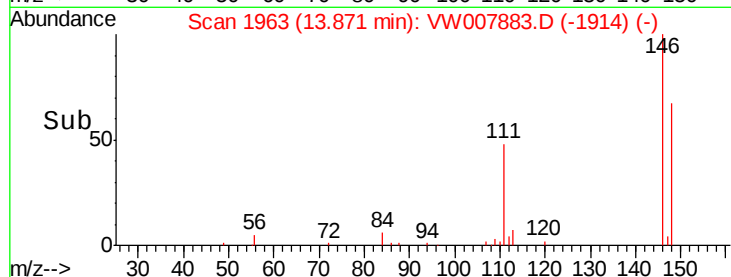
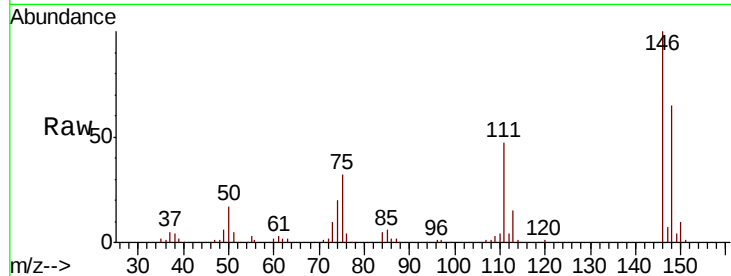
#91
 1,2-Dichlorobenzene
 Concen: 21.926 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1225SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.7	65.1
148	64.3	32.1	96.5

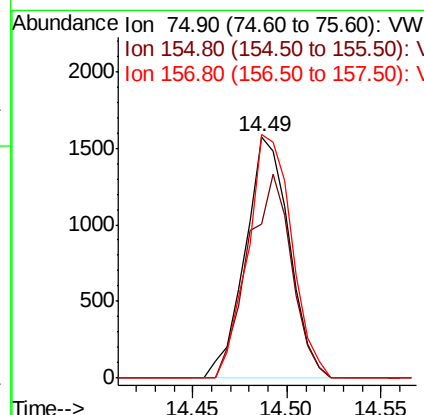
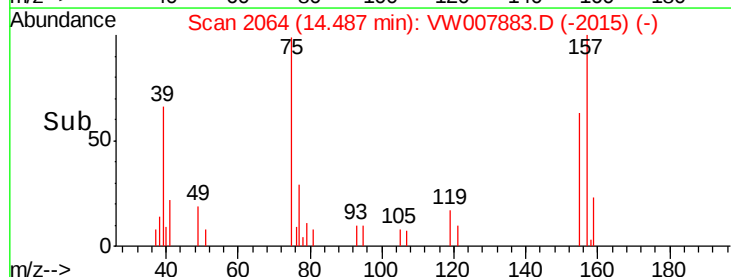
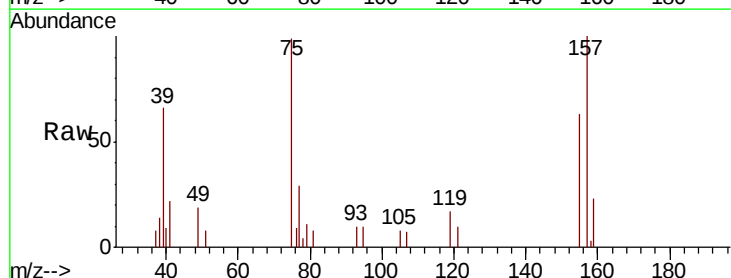
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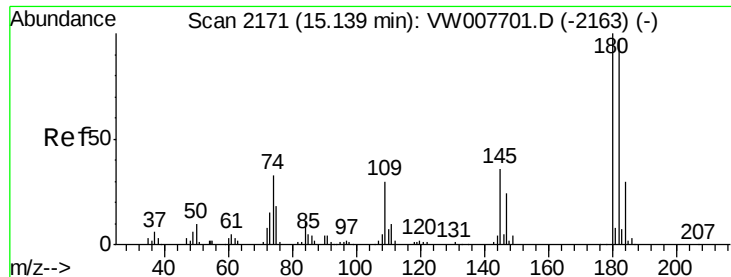
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.890 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007883.D
 Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	39.4	118.1
157	101.0	52.0	156.0





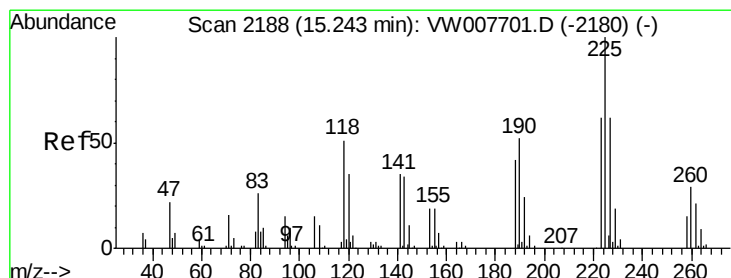
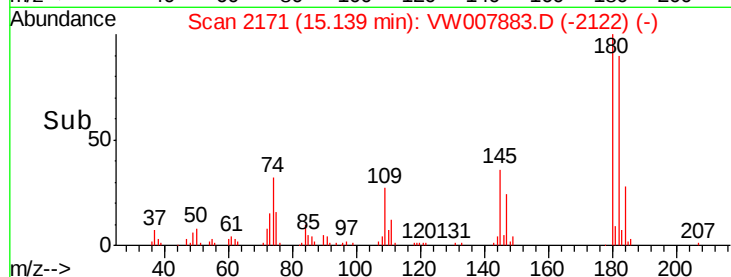
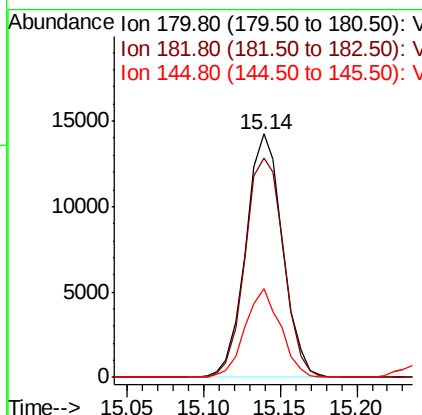
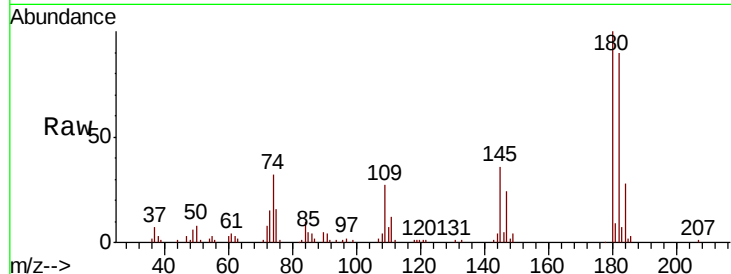
#93
1,2,4-Trichlorobenzene
Concen: 22.257 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VW1225SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	23785		
182	94.1	47.5	142.6	
145	35.2	17.5	52.5	

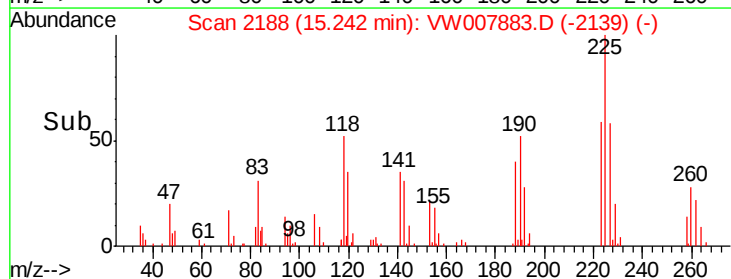
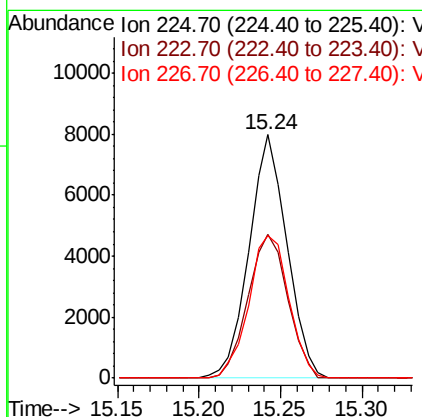
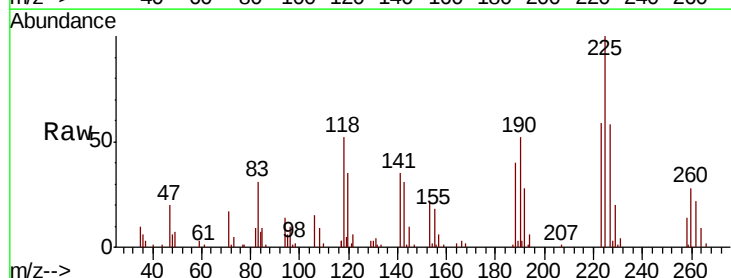
Manual Integrations
APPROVED

MMDadoda
12/26/2018 4:38:36 PM



#94
Hexachlorobutadiene
Concen: 22.549 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007883.D
Acq: 24 Dec 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12878		
223	62.0	31.6	94.8	
227	62.1	32.1	96.3	





#95

Naphthalene

Concen: 24.109 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Instrument :

MSVOA_W

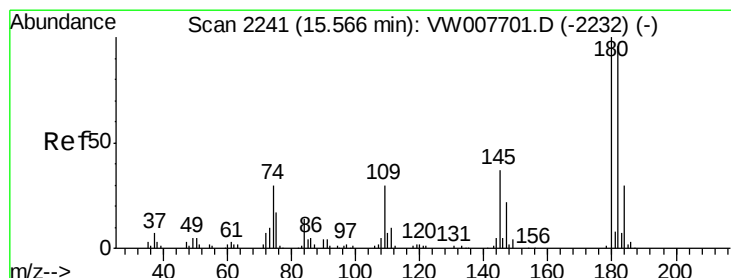
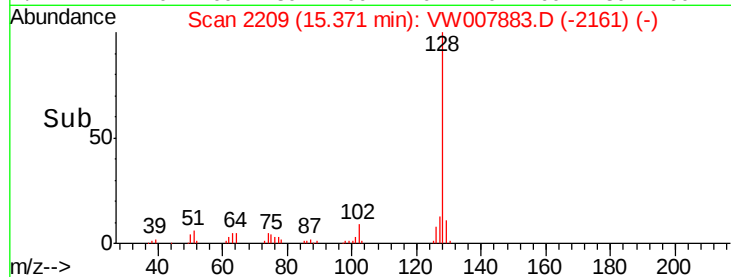
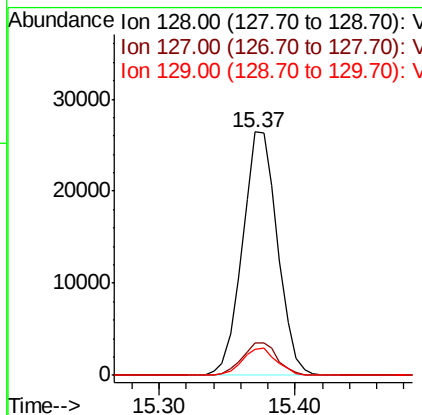
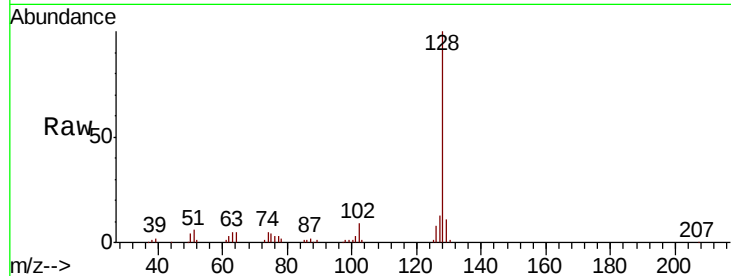
ClientSampleId :

VW1225SBS02

Tot Ion:	128	Resp:	47634
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/26/2018 4:38:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.450 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW007883.D

Acq: 24 Dec 2018 12:50

Tgt Ion:	180	Resp:	20536
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.2
145	36.8	18.4	55.0

