

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007872.D
 Acq On : 23 Dec 2018 05:42
 Operator : SY/AP
 Sample : VW1224SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 3:15:35 PM

Quant Time: Dec 24 04:16:56 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	72876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	42587	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
35) Dibromofluoromethane	7.88	113	37948	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	10.32	98	150272	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.62	95	57094	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	11545	17.820	ug/l	97
3) Chloromethane	2.21	50	11482	28.862	ug/l	100
4) Vinyl Chloride	2.37	62	13644	26.942	ug/l	91
5) Bromomethane	2.78	94	8521	24.158	ug/l	86
6) Chloroethane	2.93	64	7478	27.602	ug/l	91
7) Trichlorofluoromethane	3.26	101	8585	16.283	ug/l	97
8) Diethyl Ether	3.68	74	7715	23.891	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15297	19.701	ug/l	99
10) Methyl Iodide	4.27	142	25704	20.816	ug/l	95
11) Tert butyl alcohol	5.17	59	6352	117.887	ug/l	97
12) 1,1-Dichloroethene	4.03	96	15144	21.062	ug/l	96
13) Acrolein	3.89	56	3602	83.608	ug/l	97
14) Allyl chloride	4.67	41	22281	23.631	ug/l	92
15) Acrylonitrile	5.37	53	16346	118.663	ug/l	99
16) Acetone	4.12	43	13102	87.595	ug/l	94
17) Carbon Disulfide	4.37	76	42407	19.059	ug/l	96
18) Methyl Acetate	4.68	43	9267	26.051	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	25869	25.061	ug/l	93
20) Methylene Chloride	4.91	84	18219	20.656	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	16487	20.849	ug/l	91
22) Diisopropyl ether	6.31	45	43903	24.867	ug/l	98
23) Vinyl Acetate	6.26	43	118754	113.213	ug/l	98
24) 1,1-Dichloroethane	6.21	63	28793	22.169	ug/l	99
25) 2-Butanone	7.17	43	19677	112.315	ug/l	92
26) 2,2-Dichloropropane	7.17	77	17932	18.867	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	18652	22.139	ug/l	98
28) Bromochloromethane	7.51	49	10187	23.004	ug/l	88
29) Tetrahydrofuran	7.53	42	13367	127.912	ug/l	92
30) Chloroform	7.67	83	31002	21.092	ug/l	99
31) Cyclohexane	7.95	56	26404	22.206	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	26707	19.950	ug/l	98
36) 1,1-Dichloropropene	8.08	75	23931	19.842	ug/l	99
37) Ethyl Acetate	7.25	43	9433	22.663	ug/l	99
38) Carbon Tetrachloride	8.07	117	24705	17.394	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30082	20.073	ug/l	97
40) Benzene	8.32	78	66525	20.671	ug/l	100
41) Methacrylonitrile	7.48	41	6066	25.669	ug/l	91
42) 1,2-Dichloroethane	8.40	62	21201	19.657	ug/l	99
43) Isopropyl Acetate	8.43	43	18663	22.381	ug/l	98
44) Trichloroethene	9.09	130	18635	19.147	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15951	22.337	ug/l	94
46) Dibromomethane	9.46	93	8627	19.625	ug/l	98
47) Bromodichloromethane	9.65	83	21503	18.607	ug/l	97
48) Methyl methacrylate	9.44	41	10516m	25.264	ug/l	
49) 1,4-Dioxane	9.44	88	3075	441.209	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	45256	114.836	ug/l	97
52) Toluene	10.39	92	44833	20.763	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	22352	19.445	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24943	19.645	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12746	21.033	ug/l	98
56) Ethyl methacrylate	10.65	69	15541	21.705	ug/l	96
57) 1,3-Dichloropropane	10.93	76	20949	20.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	36028	110.208	ug/l	99
59) 2-Hexanone	10.97	43	29884	107.825	ug/l	100
60) Dibromochloromethane	11.13	129	14031	17.486	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12339	20.106	ug/l	99
64) Tetrachloroethene	10.87	164	17085	21.718	ug/l	98
65) Chlorobenzene	11.66	112	48900	20.337	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16280	18.949	ug/l	97
67) Ethyl Benzene	11.73	91	86976	21.080	ug/l	97
68) m/p-Xylenes	11.84	106	67233	42.006	ug/l	98
69) o-Xylene	12.17	106	31877	21.247	ug/l	99
70) Styrene	12.18	104	51916	21.051	ug/l	99
71) Bromoform	12.35	173	7142	16.013	ug/l #	99
73) Isopropylbenzene	12.47	105	89635	21.276	ug/l	99
74) N-amyl acetate	12.27	43	17061	23.379	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	13385	21.190	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10787m	25.041	ug/l	
77) Bromobenzene	12.75	156	19108	19.791	ug/l	91
78) n-propylbenzene	12.81	91	102455	20.892	ug/l	100
79) 2-Chlorotoluene	12.90	91	60834	21.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	76209	20.971	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3795	18.492	ug/l	96
82) 4-Chlorotoluene	12.99	91	64734	21.281	ug/l	99
83) tert-Butylbenzene	13.21	119	66644	20.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78373	21.373	ug/l	99
85) sec-Butylbenzene	13.39	105	92649	21.084	ug/l	99
86) p-Isopropyltoluene	13.50	119	83755	20.960	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	39847	20.786	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	39394	20.544	ug/l	99
89) n-Butylbenzene	13.83	91	76703	20.936	ug/l	98
90) Hexachloroethane	14.10	117	11982	17.080	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	35577	20.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2456	18.933	ug/l	98

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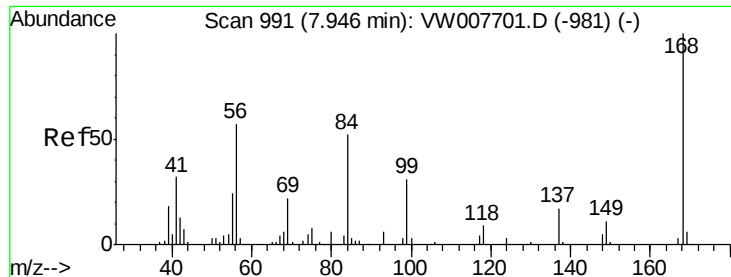
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24483	20.550	ug/l	100
94) Hexachlorobutadiene	15.24	225	12547	19.706	ug/l	99
95) Naphthalene	15.37	128	48343	21.947	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20971	20.563	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion:168 Resp: 72876

Ion Ratio Lower Upper

168 100

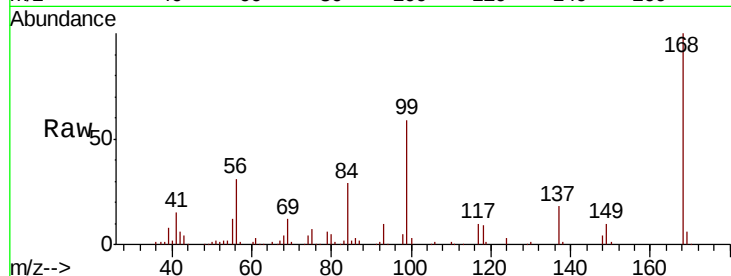
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Manual Integrations

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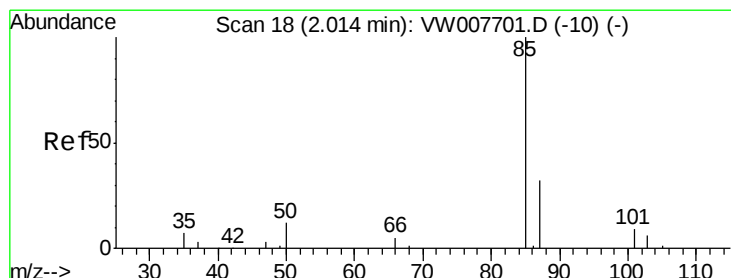
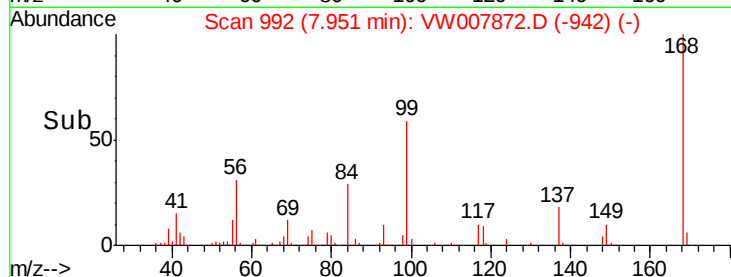


Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time-->



#2

Dichlorodifluoromethane

Concen: 17.820 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007872.D

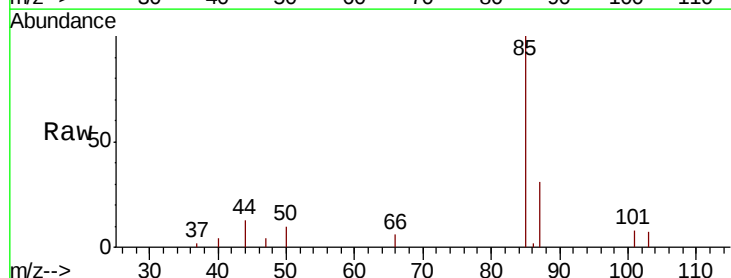
Acq: 23 Dec 2018 05:42

Tgt Ion: 85 Resp: 11545

Ion Ratio Lower Upper

85 100

87 31.0 16.3 48.8

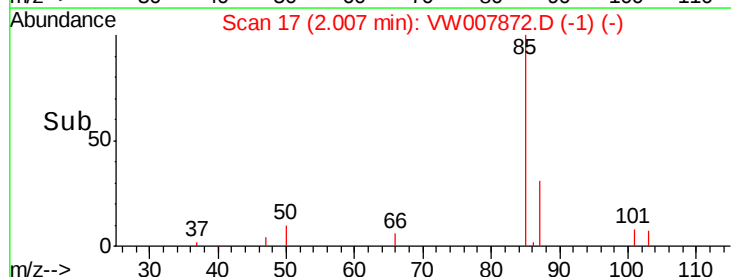


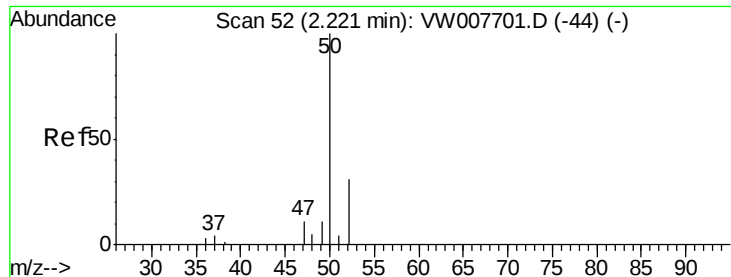
Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



Time-->





#3

Chloromethane

Concen: 28.862 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 50 Resp: 11482

Ion Ratio Lower Upper

50 100

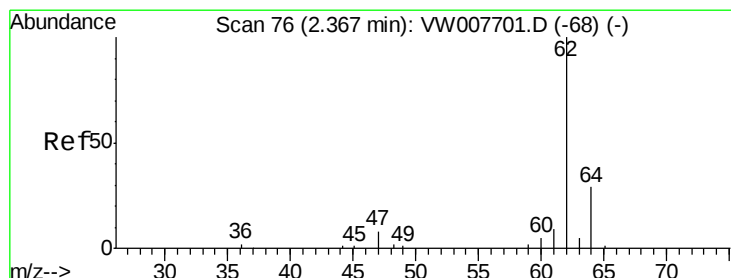
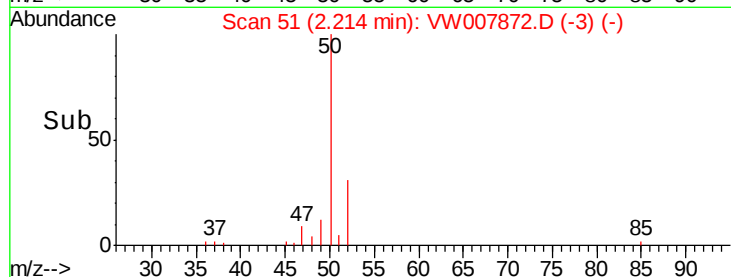
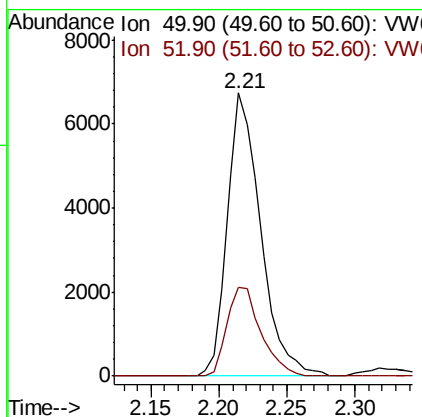
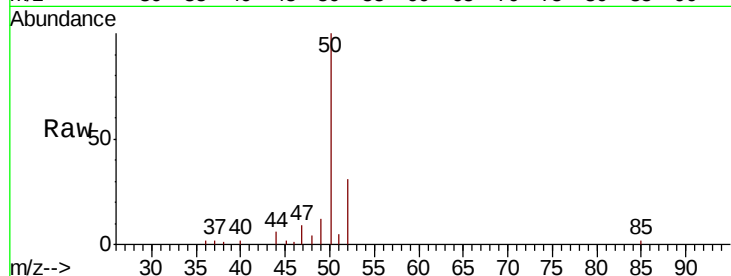
52 31.2 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 26.942 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007872.D

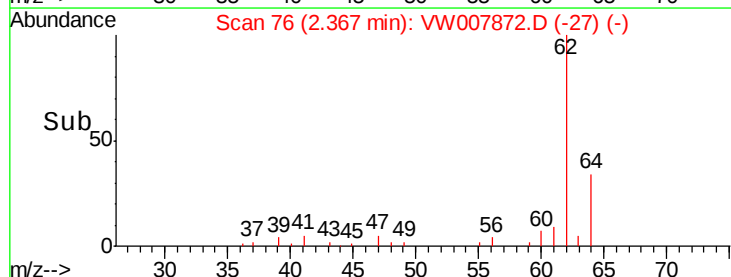
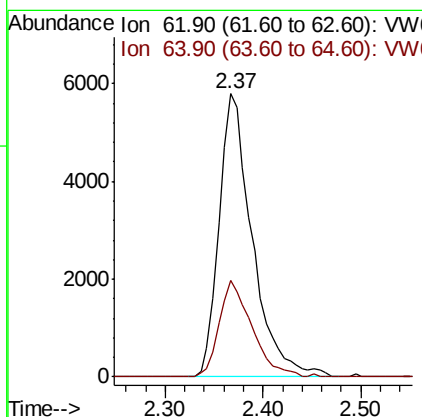
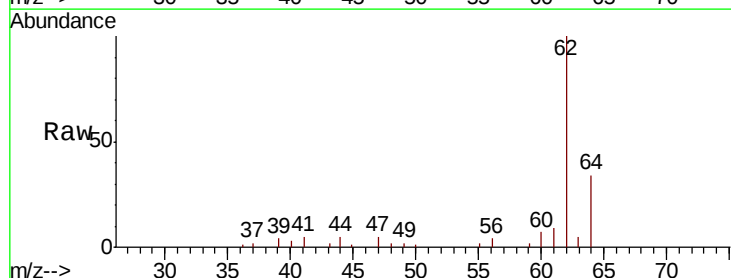
Acq: 23 Dec 2018 05:42

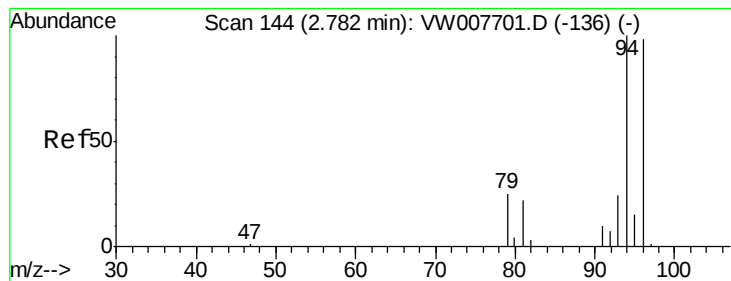
Tgt Ion: 62 Resp: 13644

Ion Ratio Lower Upper

62 100

64 34.2 23.4 35.0





#5

Bromomethane

Concen: 24.158 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

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ClientSampleId :

VW1224SBS02

Tgt Ion: 94 Resp: 8521

Ion Ratio Lower Upper

94 100

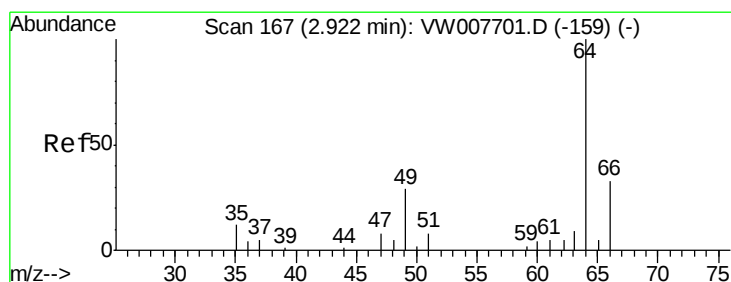
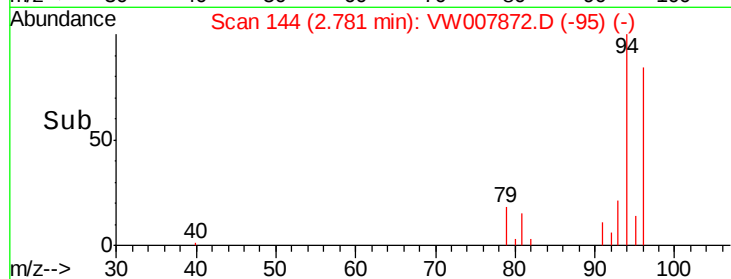
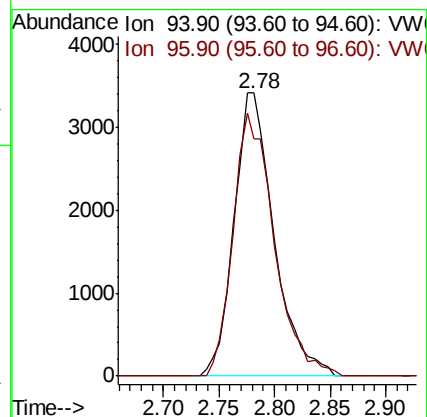
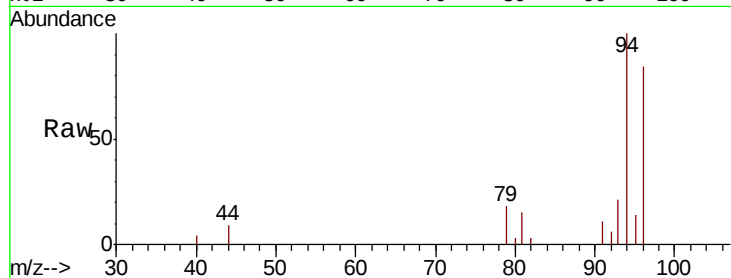
96 84.0 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 27.602 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007872.D

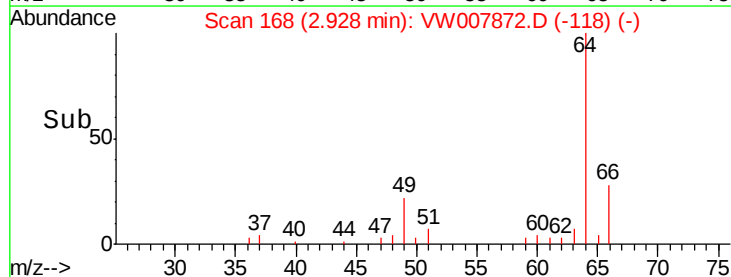
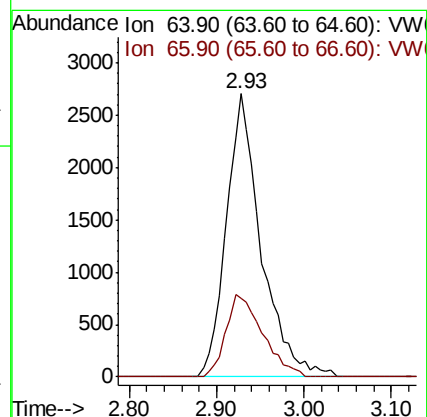
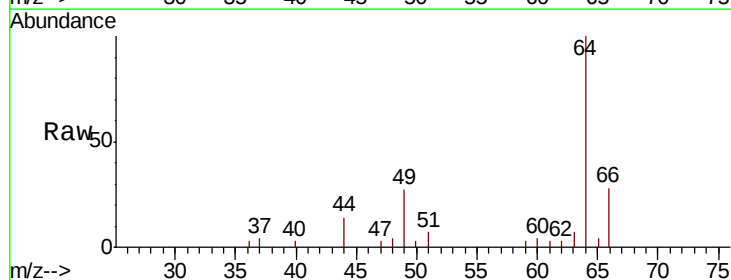
Acq: 23 Dec 2018 05:42

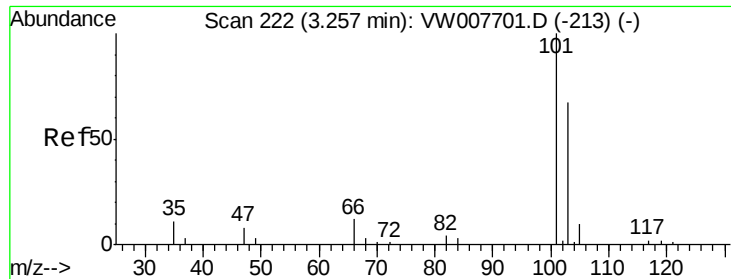
Tgt Ion: 64 Resp: 7478

Ion Ratio Lower Upper

64 100

66 27.6 26.2 39.4





#7

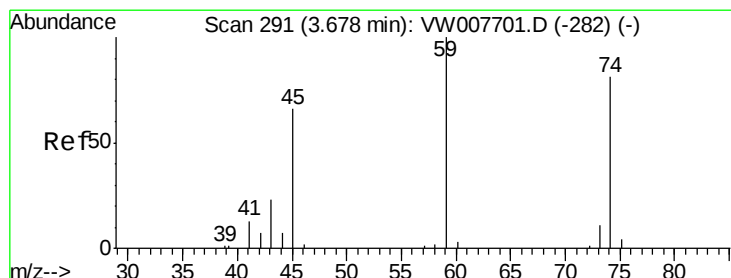
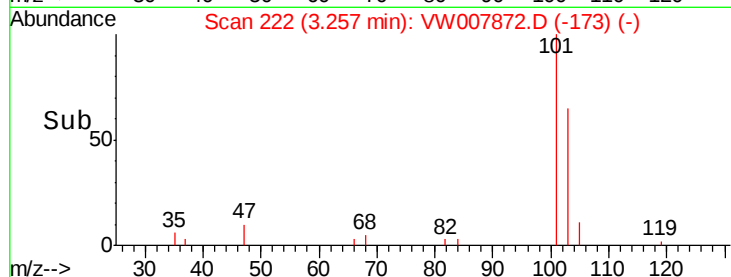
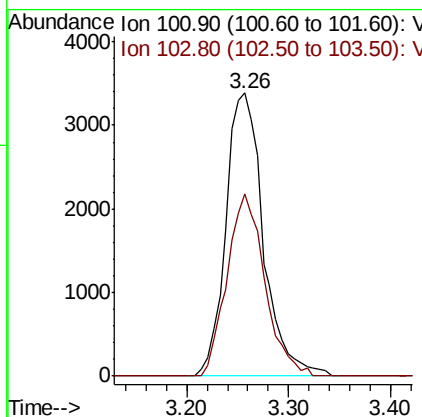
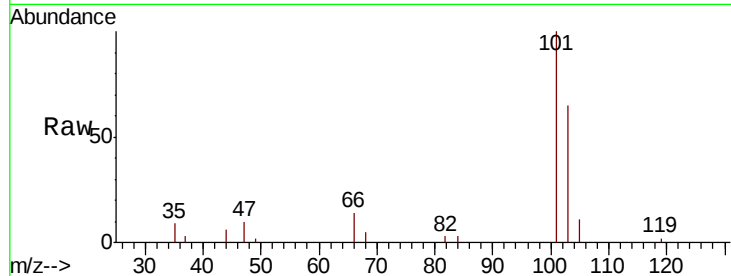
Trichlorofluoromethane
 Concen: 16.283 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
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 ClientSampleId :
 VW1224SBS02

Tgt Ion: 101 Resp: 8585
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.2

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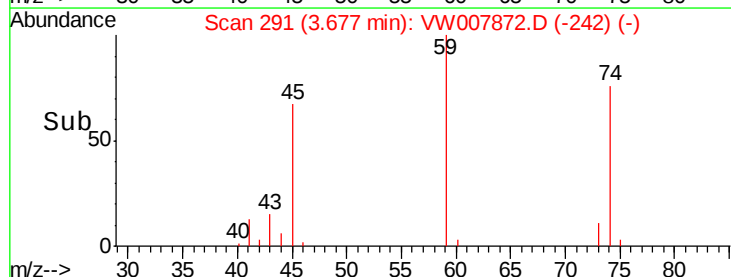
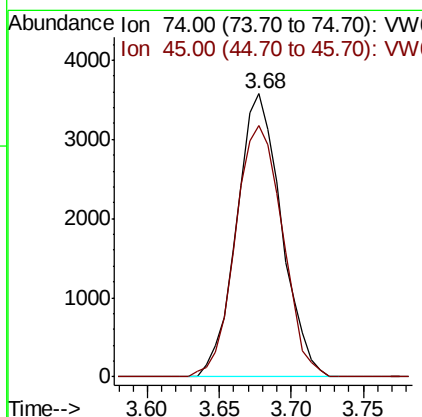
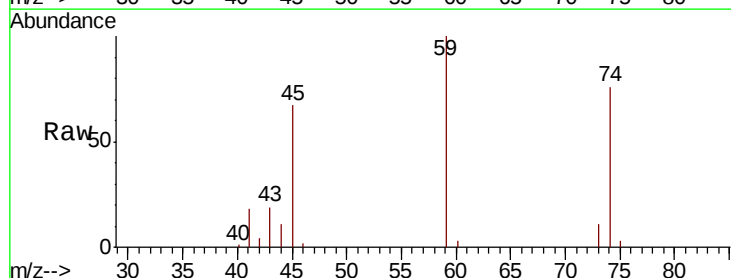
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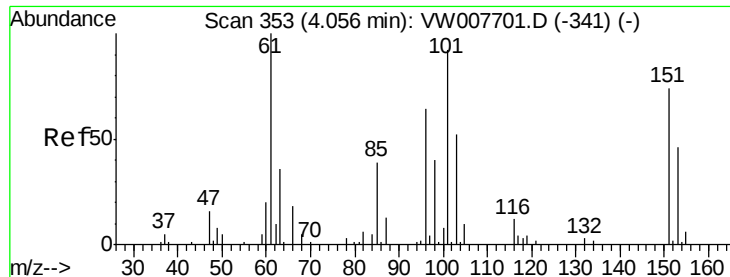


#8

Diethyl Ether
 Concen: 23.891 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 74 Resp: 7715
 Ion Ratio Lower Upper
 74 100
 45 93.5 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.701 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

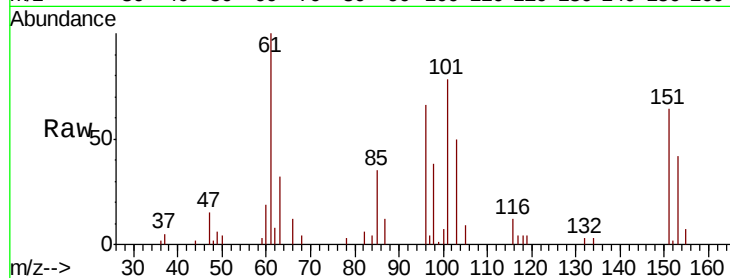
ClientSampleId :

VW1224SBSD02

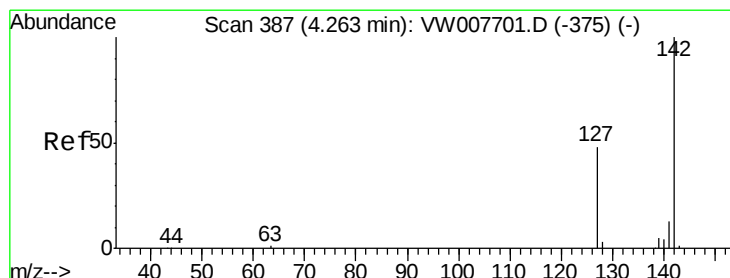
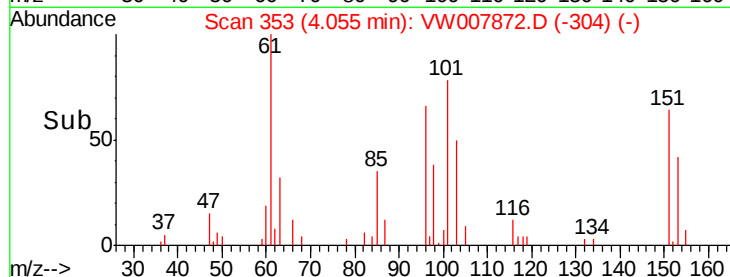
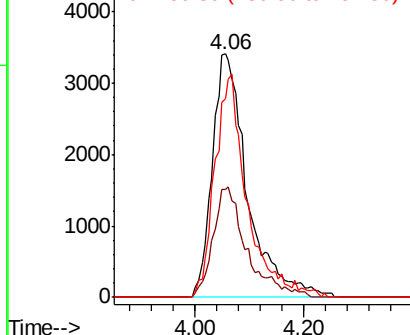
Tgt Ion:	101	Resp:	15297
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.3	51.5
151	81.5	64.6	96.8

Manual Integrations
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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: 20.816 ug/l

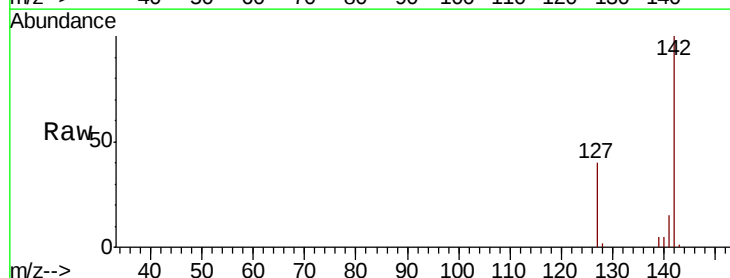
RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

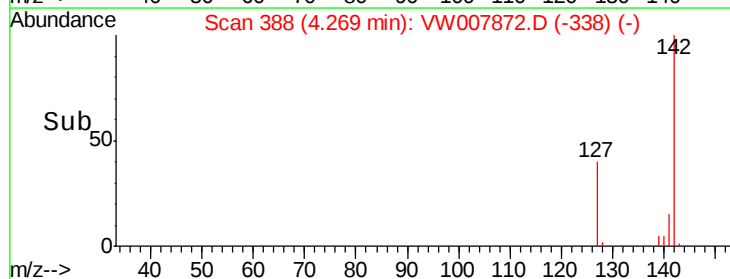
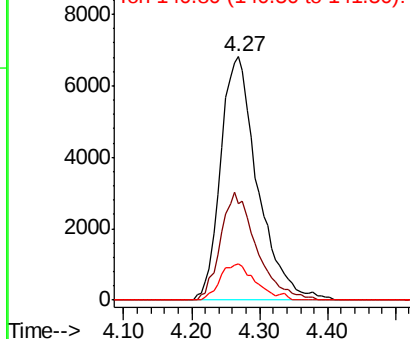
Lab File: VW007872.D

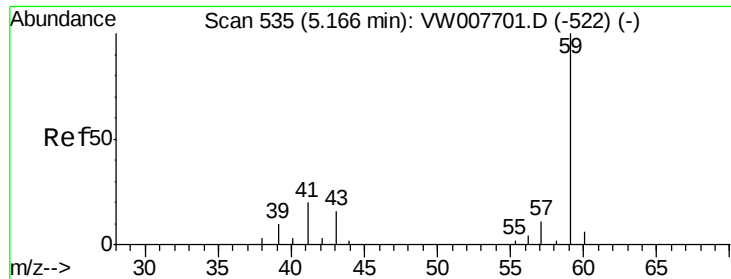
Acq: 23 Dec 2018 05:42

Tgt Ion:	142	Resp:	25704
Ion Ratio	Lower	Upper	
142	100		
127	43.1	37.7	56.5
141	14.4	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





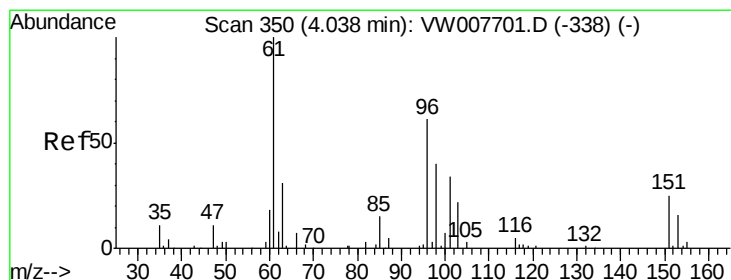
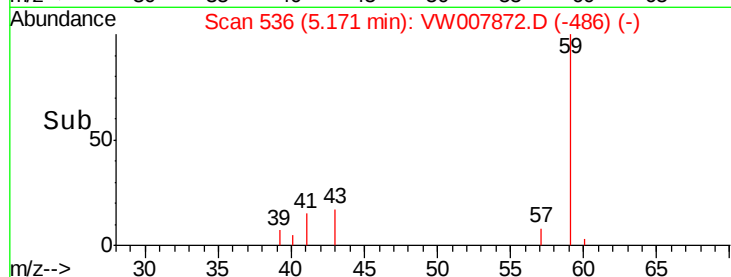
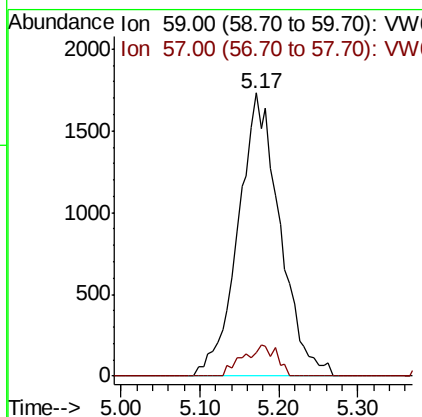
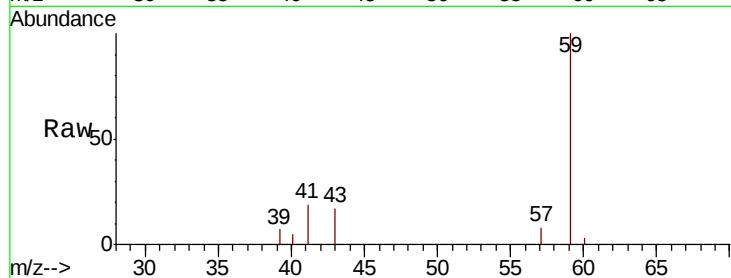
#11
Tert butyl alcohol
Concen: 117.887 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 59 Resp: 6352
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8

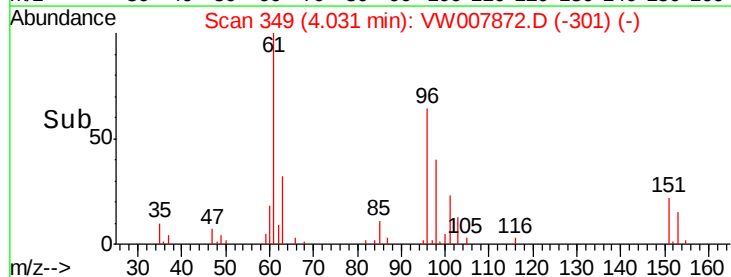
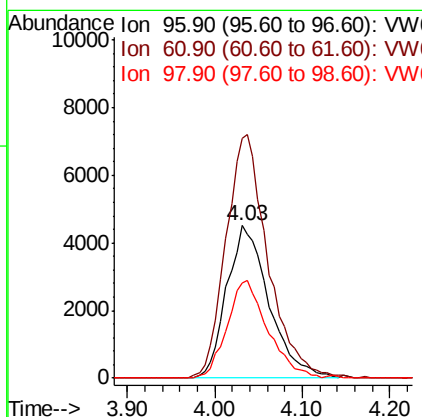
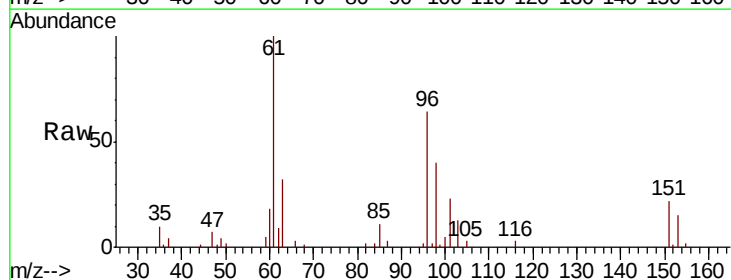
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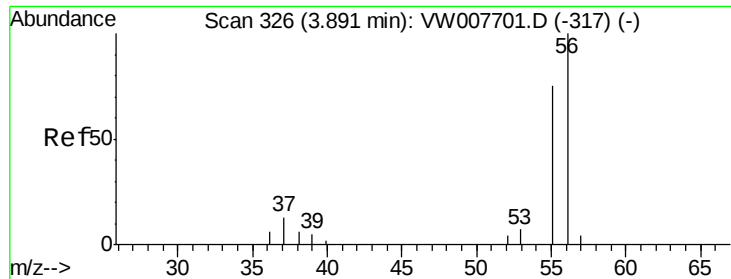
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.062 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 96 Resp: 15144
Ion Ratio Lower Upper
96 100
61 157.1 130.6 195.8
98 62.6 52.3 78.5





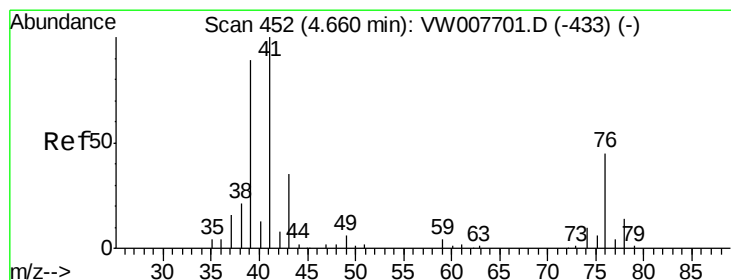
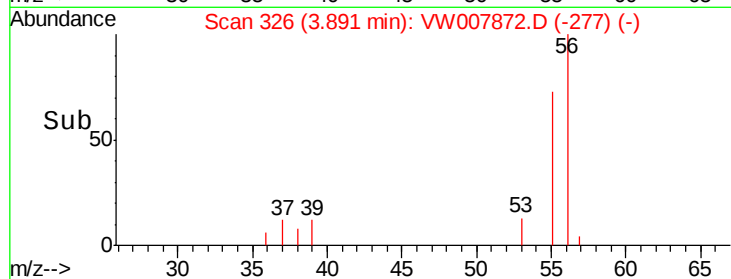
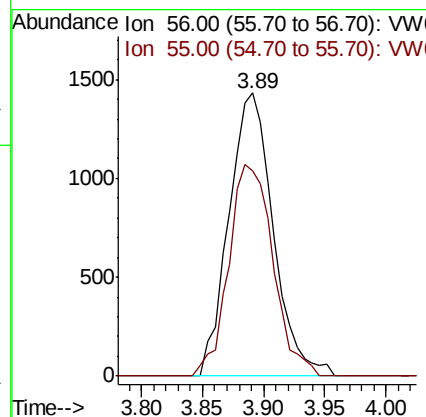
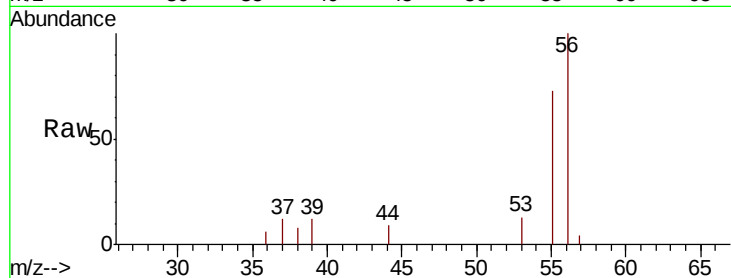
#13
Acrolein
Concen: 83.608 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 56 Resp: 3602
Ion Ratio Lower Upper
56 100
55 74.5 57.7 86.5

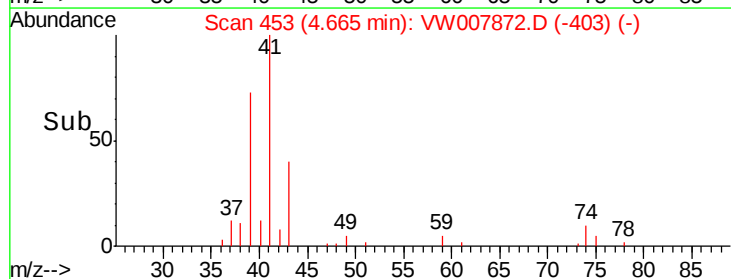
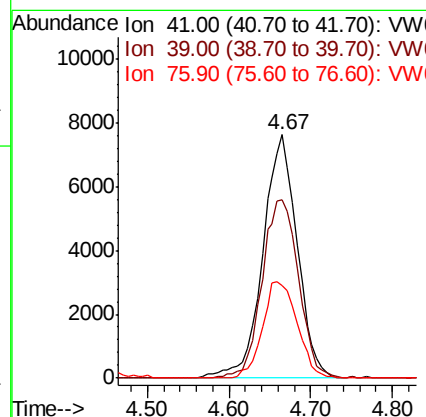
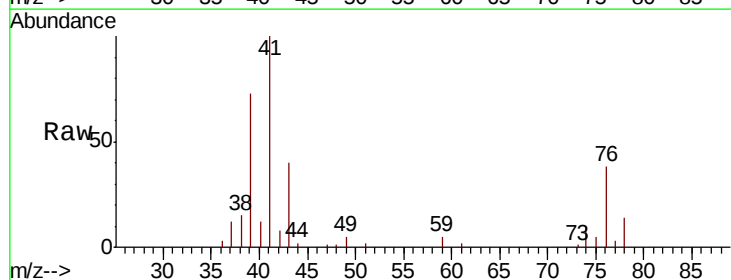
Manual Integrations
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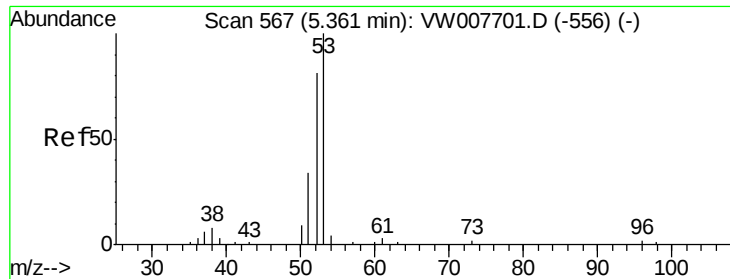
MMDadoda
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#14
Allyl chloride
Concen: 23.631 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 41 Resp: 22281
Ion Ratio Lower Upper
41 100
39 78.2 69.5 104.3
76 40.2 34.8 52.2





#15

Acrylonitrile

Concen: 118.663 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

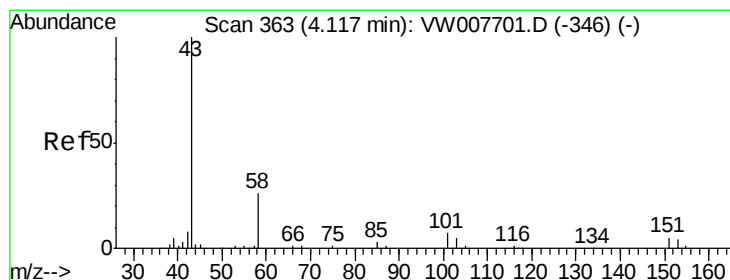
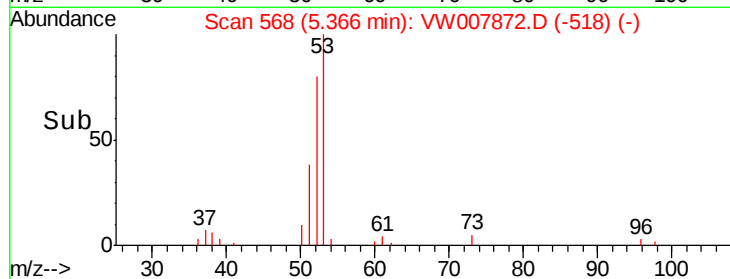
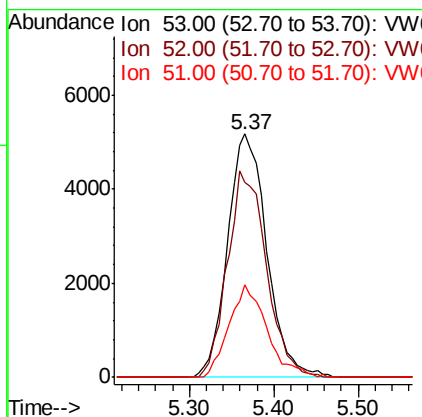
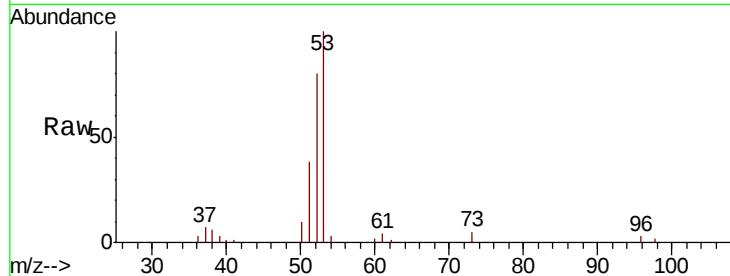
ClientSampleId :

VW1224SBSD02

Tgt Ion:	53	Resp:	16346
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.0	100.4
51	36.8	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 87.595 ug/l

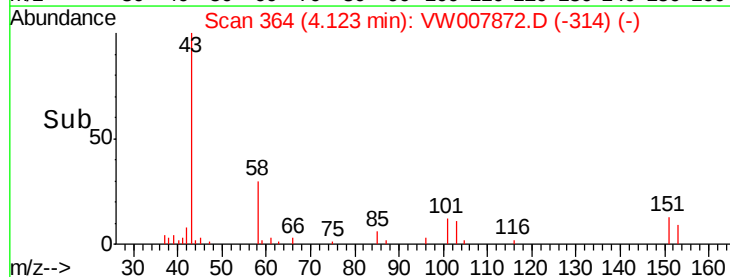
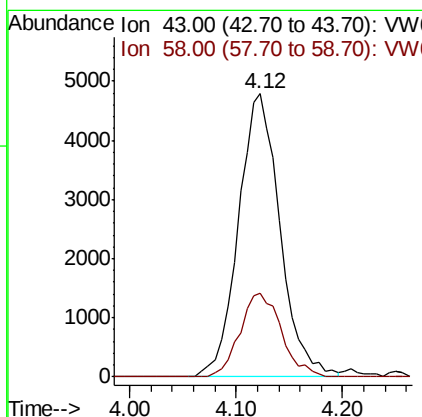
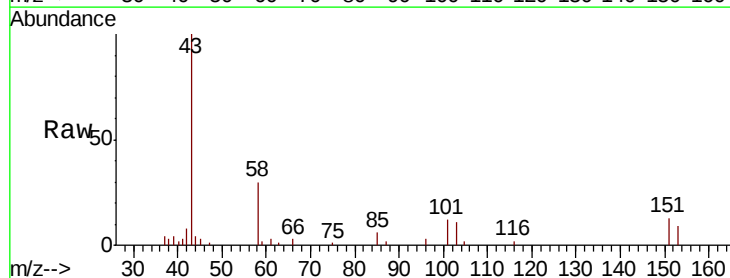
RT: 4.12 min Scan# 364

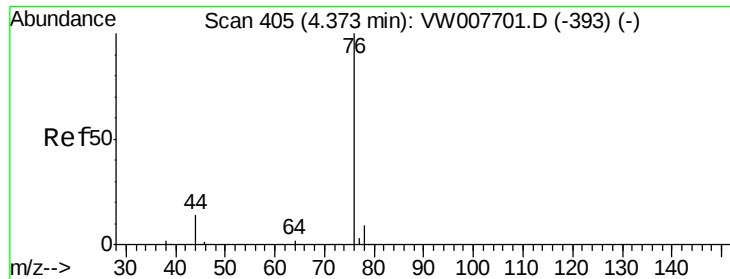
Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion:	43	Resp:	13102
Ion	Ratio	Lower	Upper
43	100		
58	29.6	21.2	31.8





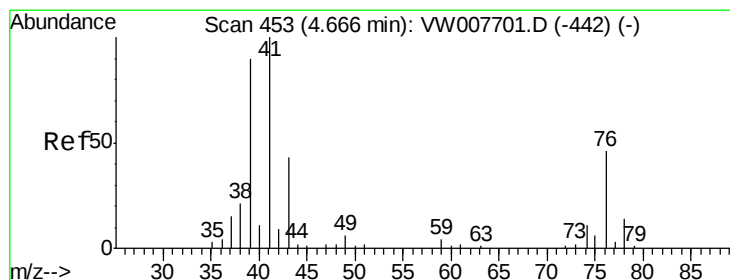
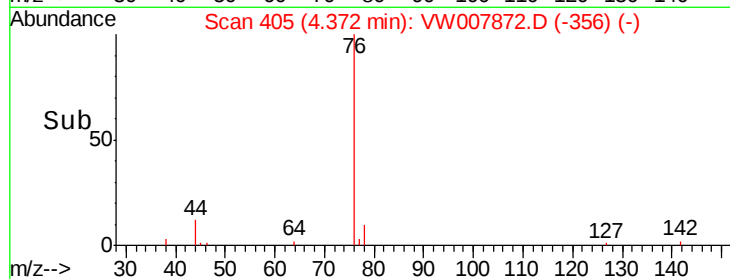
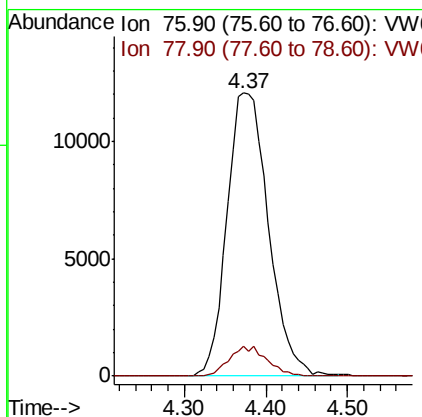
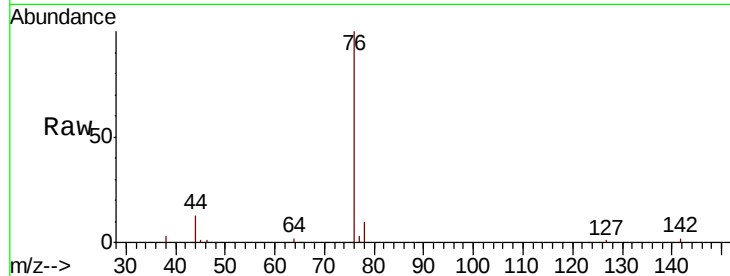
#17
Carbon Disulfide
Concen: 19.059 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion: 76 Resp: 42407
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9

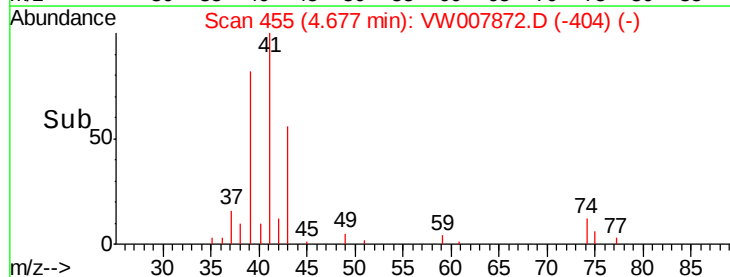
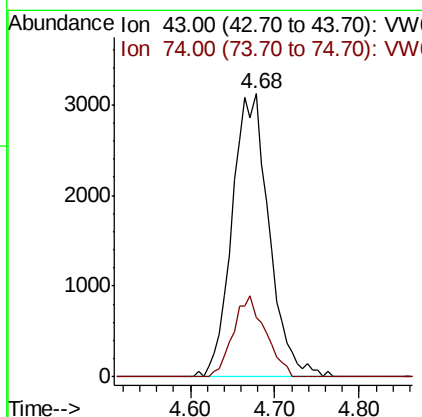
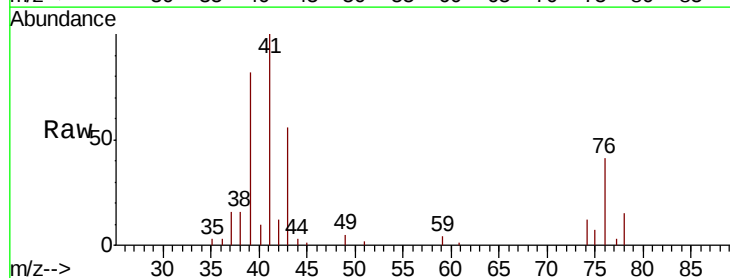
Manual Integrations
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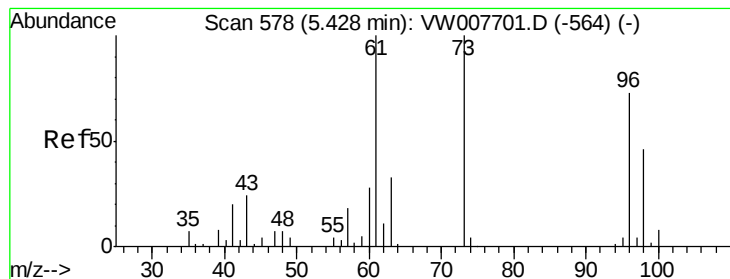
MMDadoda
12/24/2018 3:15:35 PM



#18
Methyl Acetate
Concen: 26.051 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 43 Resp: 9267
Ion Ratio Lower Upper
43 100
74 24.8 22.7 34.1





#19

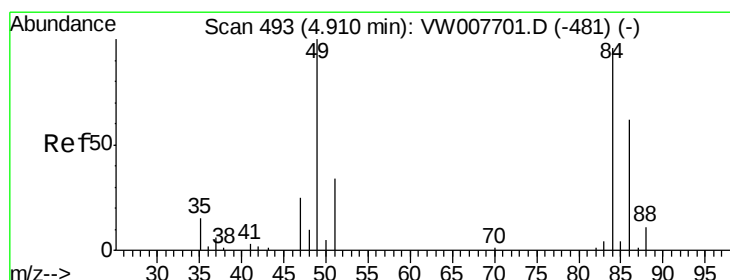
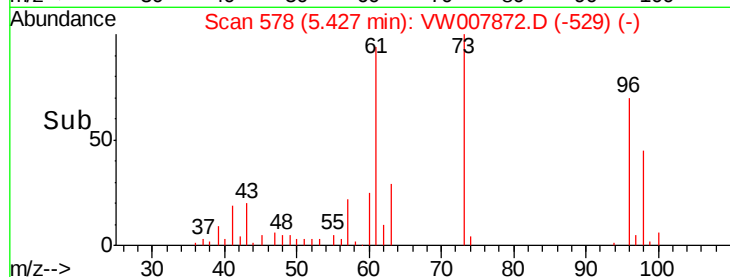
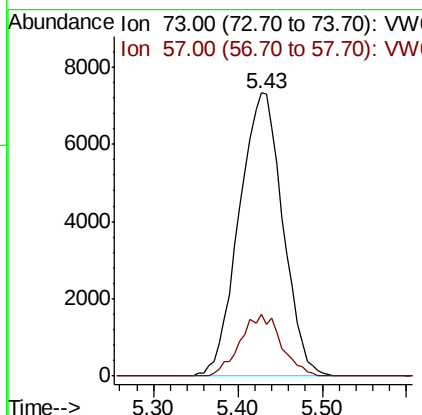
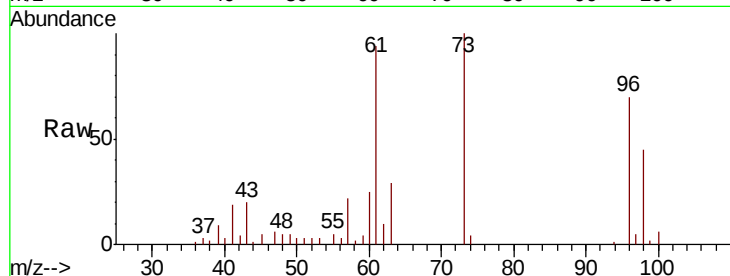
Methyl tert-butyl Ether
 Concen: 25.061 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 73 Resp: 25869
 Ion Ratio Lower Upper
 73 100
 57 21.7 14.7 22.1

Manual Integrations
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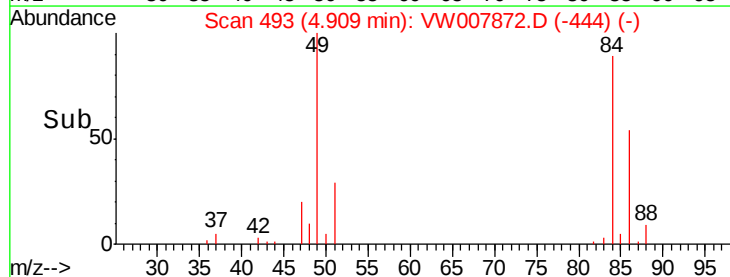
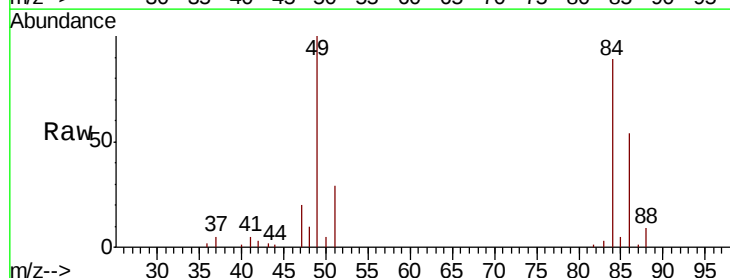
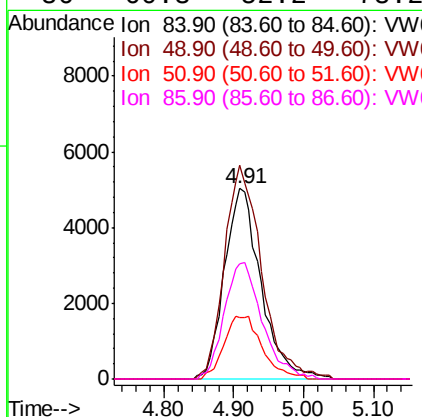
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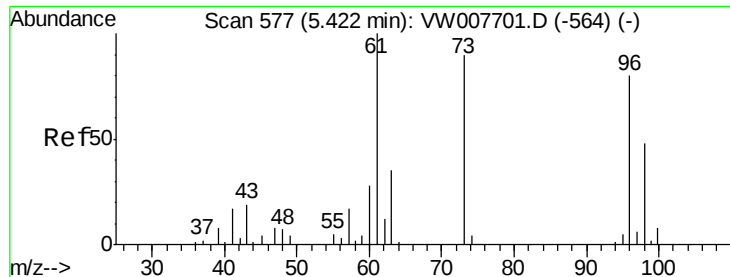


#20

Methylene Chloride
 Concen: 20.656 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 84 Resp: 18219
 Ion Ratio Lower Upper
 84 100
 49 112.3 83.7 125.5
 51 32.6 28.2 42.2
 86 60.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.849 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

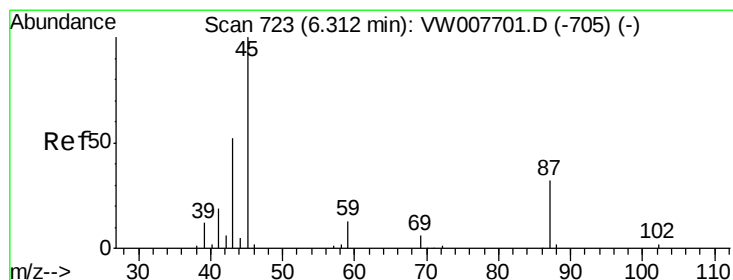
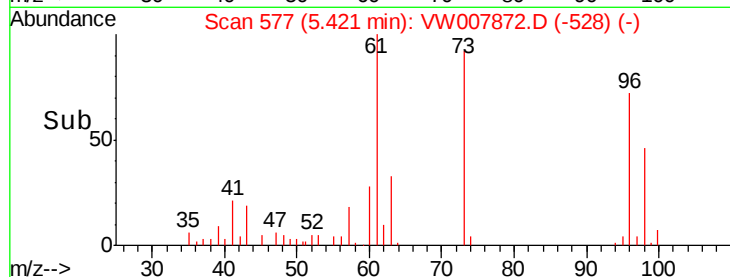
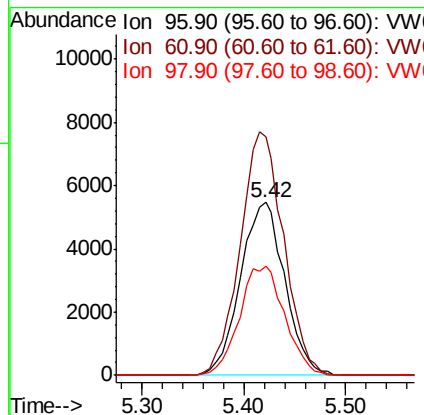
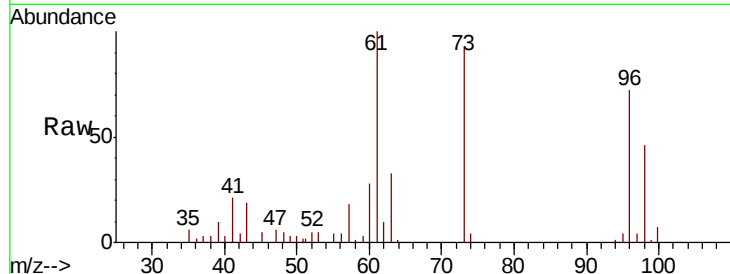
ClientSampleId :

VW1224SBS02

Tgt Ion:	96	Resp:	16487
Ion	Ratio	Lower	Upper
96	100		
61	137.9	100.1	150.1
98	63.5	48.5	72.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 24.867 ug/l

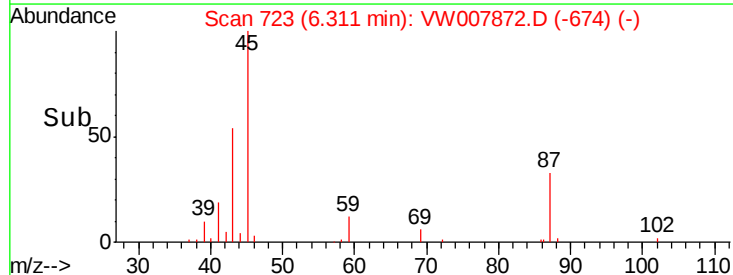
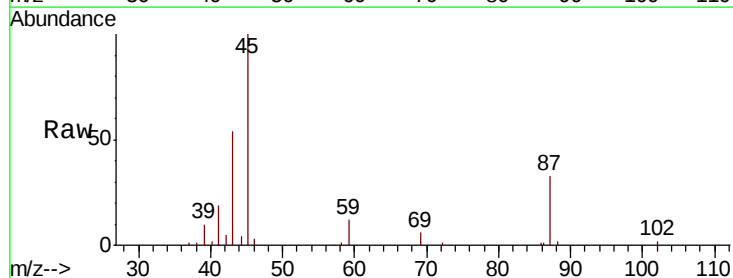
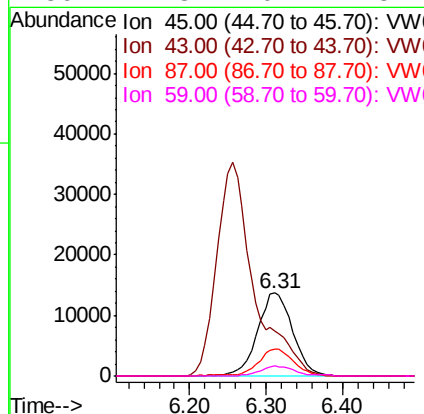
RT: 6.31 min Scan# 723

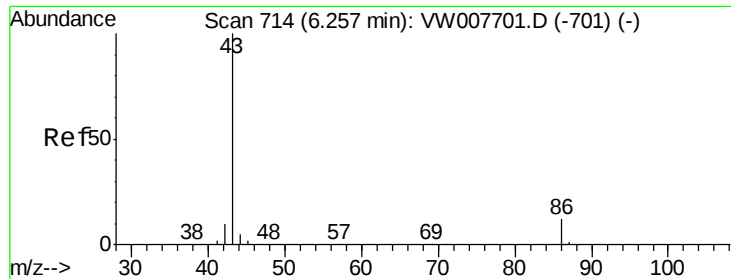
Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion:	45	Resp:	43903
Ion	Ratio	Lower	Upper
45	100		
43	53.1	43.7	65.5
87	32.9	26.6	40.0
59	11.8	10.2	15.2





#23

Vinyl Acetate

Concen: 113.213 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

Tgt Ion: 43 Resp: 118754

Ion Ratio Lower Upper

43 100

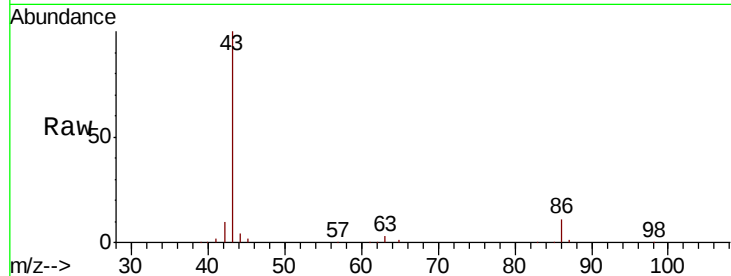
86 11.1 9.6 14.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

40000

30000

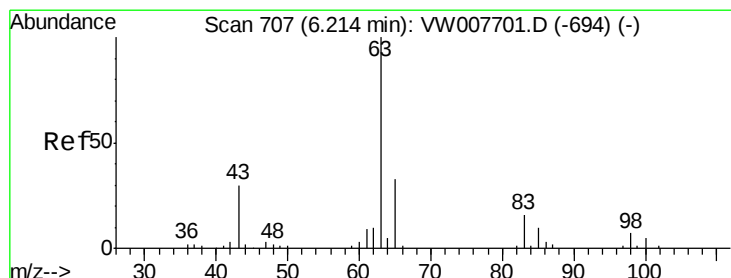
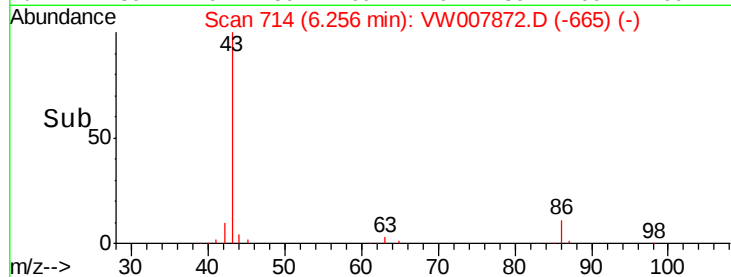
20000

10000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 22.169 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

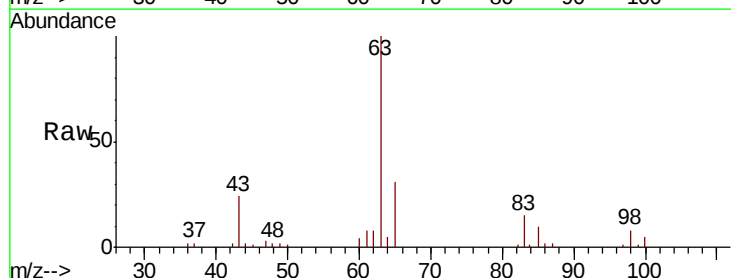
Tgt Ion: 63 Resp: 28793

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 5.0 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

6.21

12000

10000

8000

6000

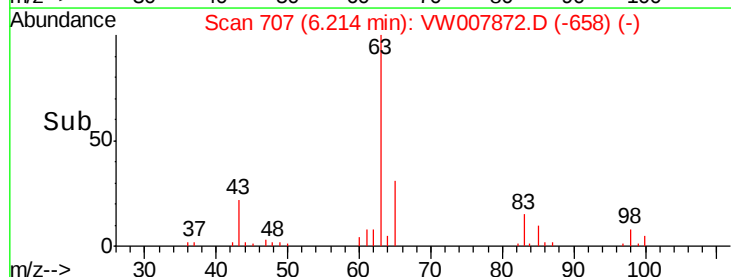
4000

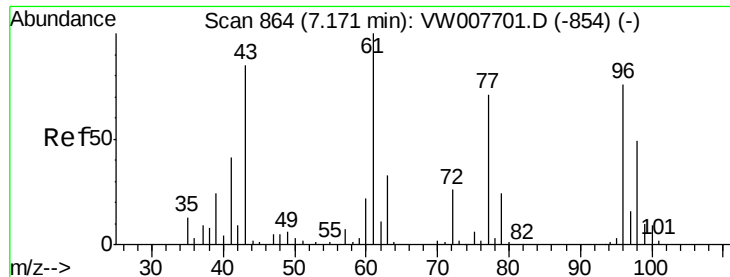
2000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 112.315 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 43 Resp: 19677

Ion Ratio Lower Upper

43 100

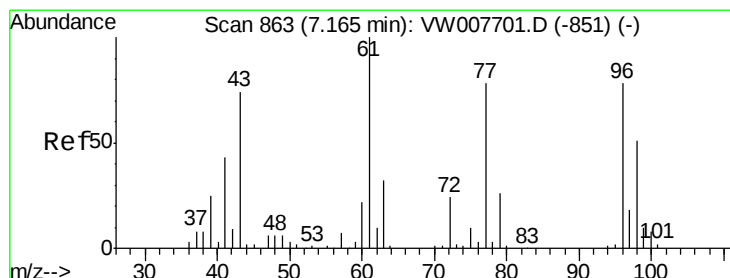
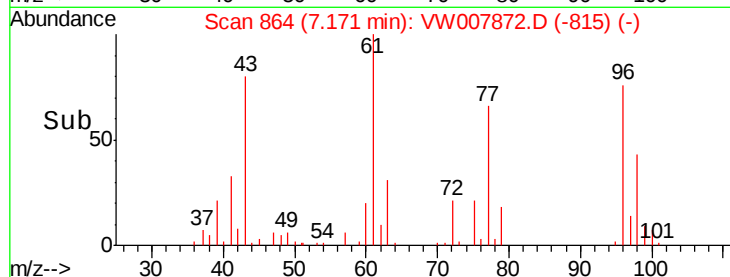
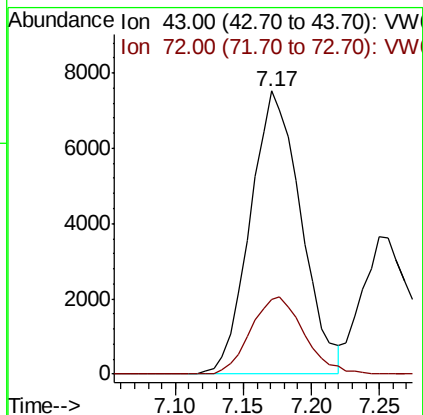
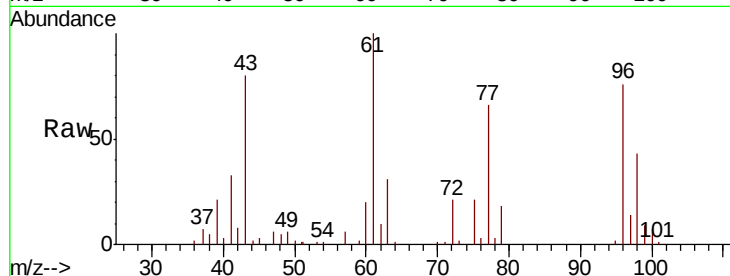
72 26.2 24.5 36.7

Manual Integrations

APPROVED

MMDadoda

12/24/2018 3:15:35 PM



#26

2,2-Dichloropropane

Concen: 18.867 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007872.D

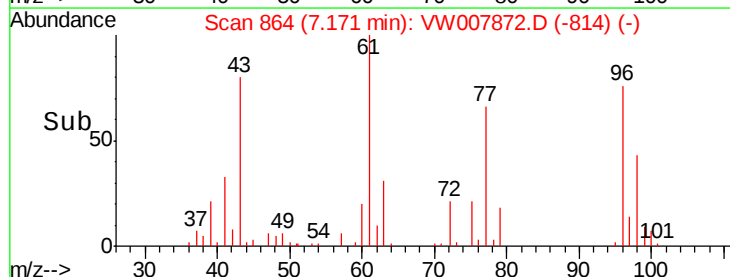
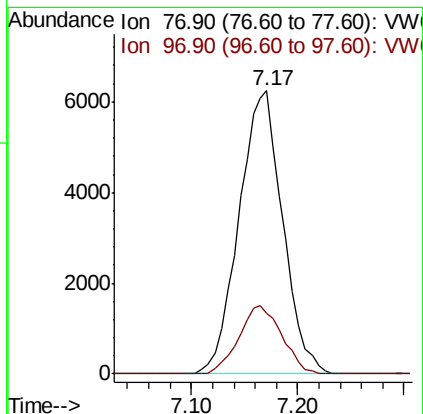
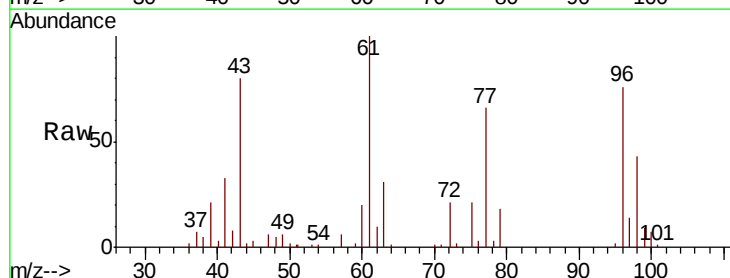
Acq: 23 Dec 2018 05:42

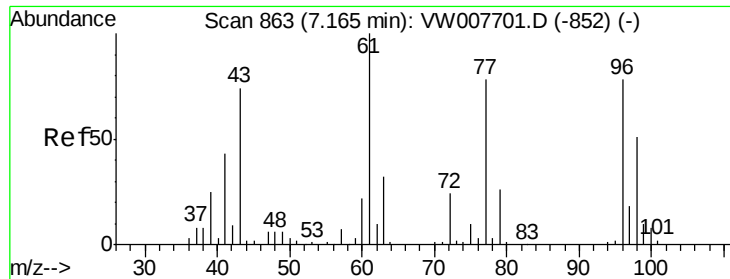
Tgt Ion: 77 Resp: 17932

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9





#27

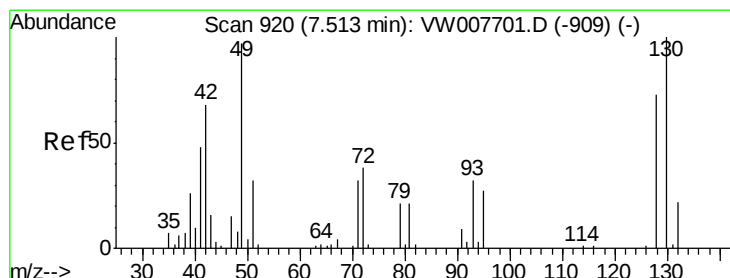
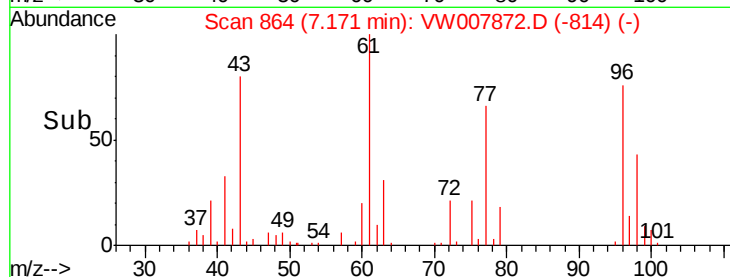
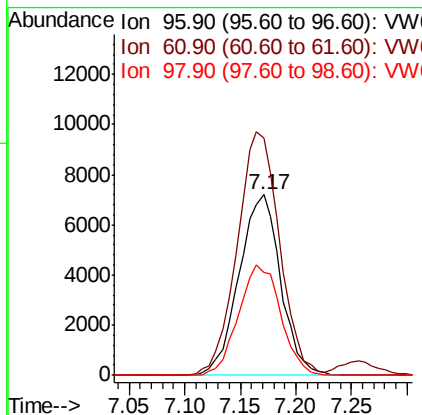
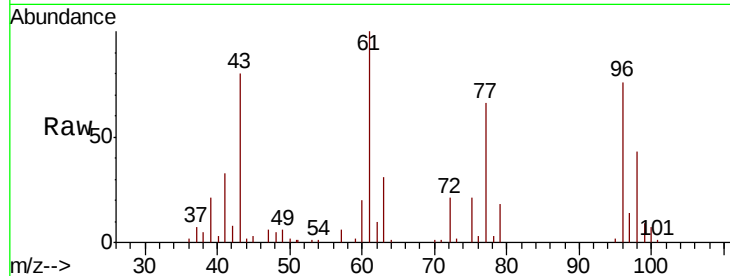
cis-1,2-Dichloroethene
Concen: 22.139 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	271.6
98	62.3	0.0	131.2

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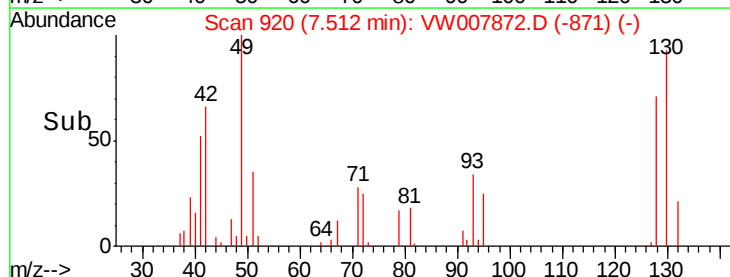
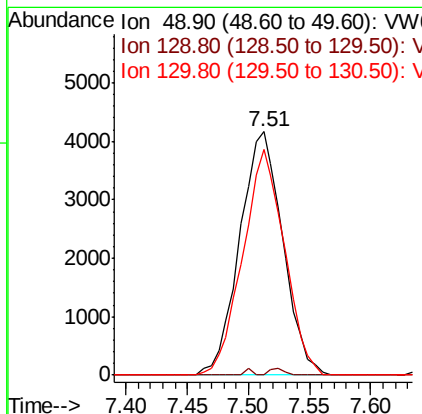
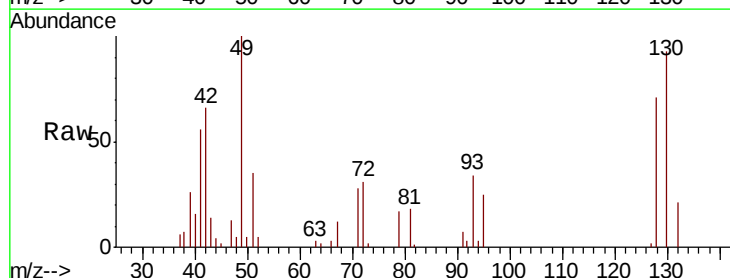
MMDadoda
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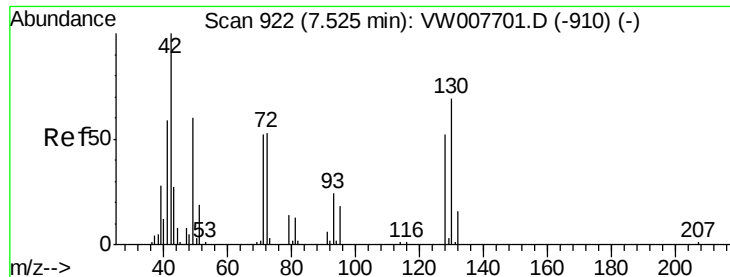


#28

Bromochloromethane
Concen: 23.004 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.2
130	89.7	81.5	122.3





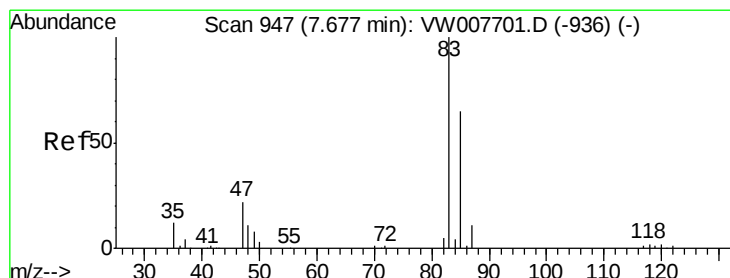
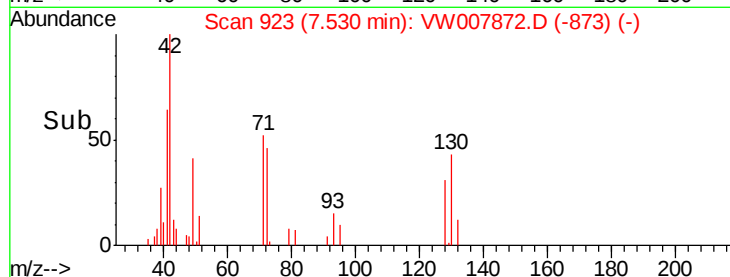
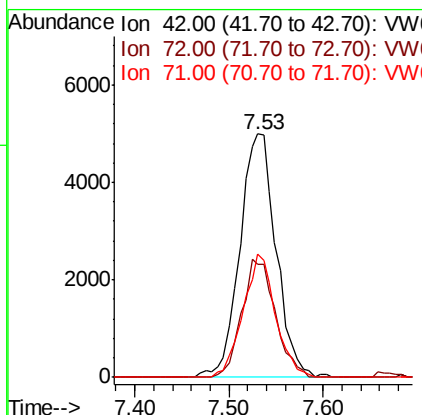
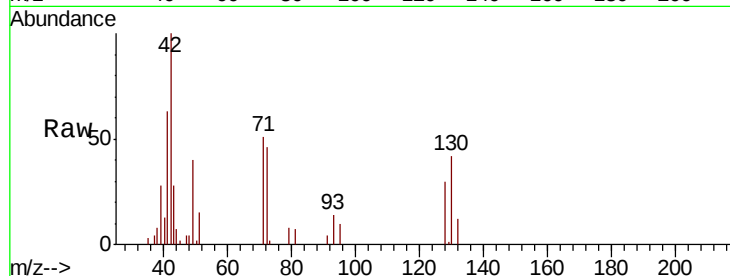
#29
Tetrahydrofuran
Concen: 127.912 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	41.7	62.5
71	45.4	39.0	58.6

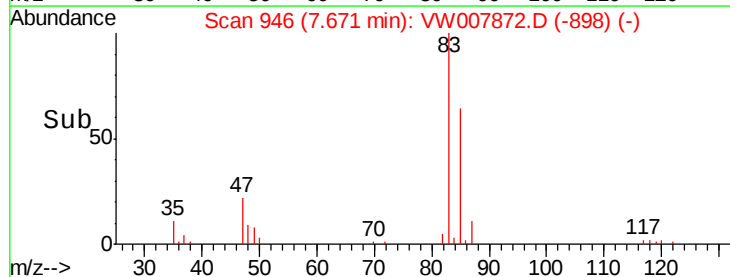
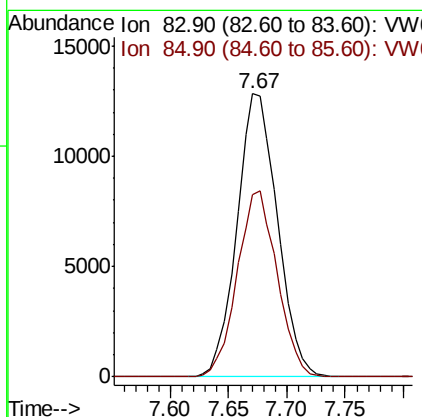
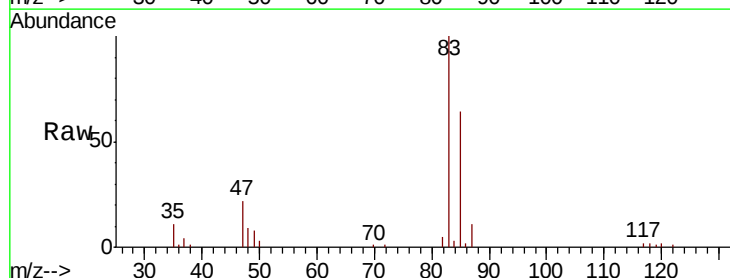
Manual Integrations
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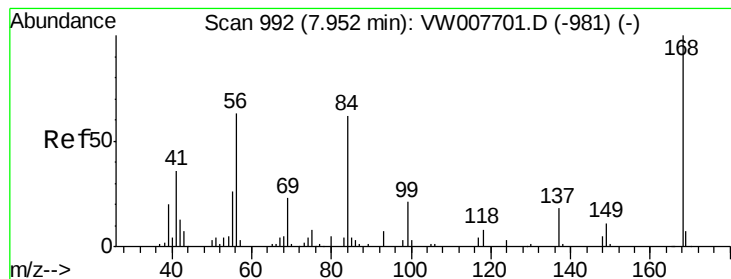
MMDadoda
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#30
Chloroform
Concen: 21.092 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.2





#31

Cyclohexane

Concen: 22.206 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

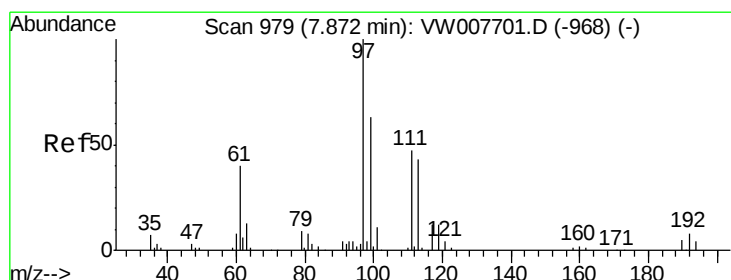
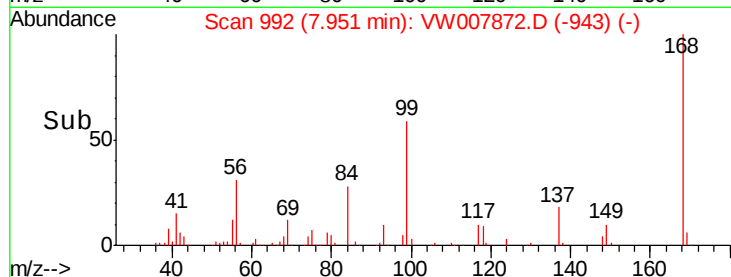
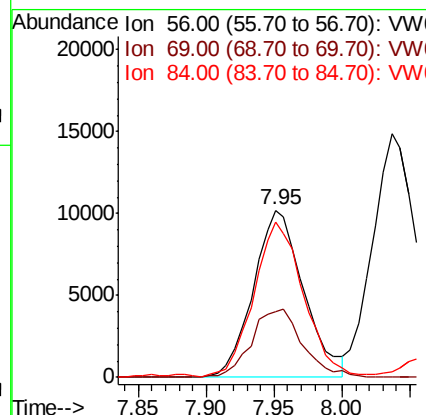
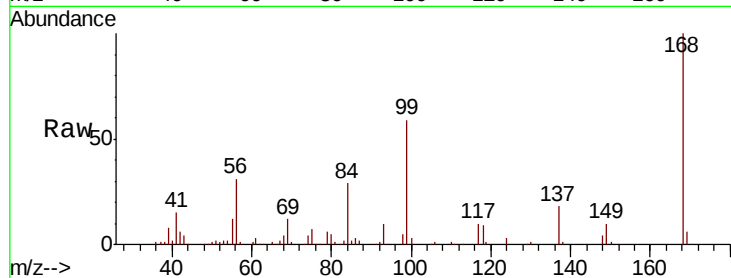
ClientSampleId :

VW1224SBS02

Tgt Ion:	56	Resp:	26404
Ion	Ratio	Lower	Upper
56	100		
69	39.1	29.7	44.5
84	92.2	78.9	118.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.950 ug/l

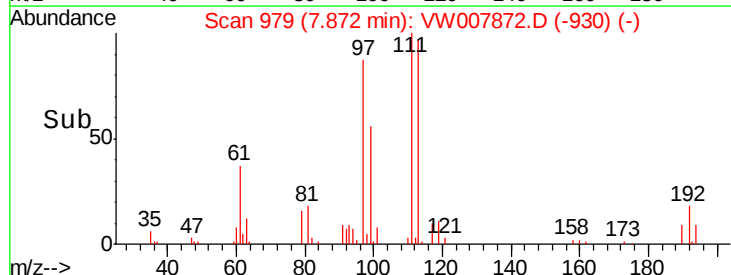
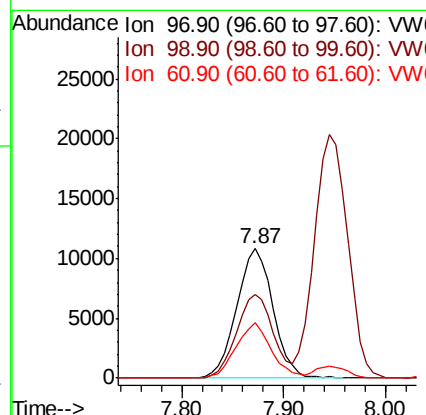
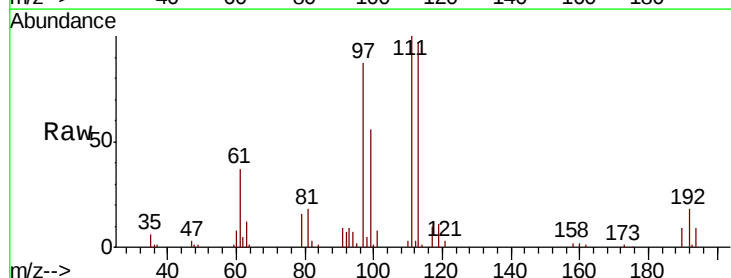
RT: 7.87 min Scan# 979

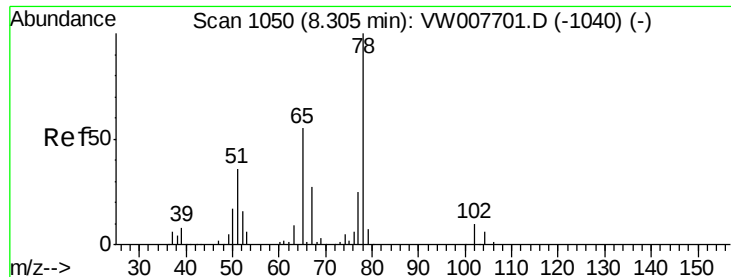
Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion:	97	Resp:	26707
Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.6	76.0
61	41.4	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 53.317 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 65 Resp: 42587

Ion Ratio Lower Upper

65 100

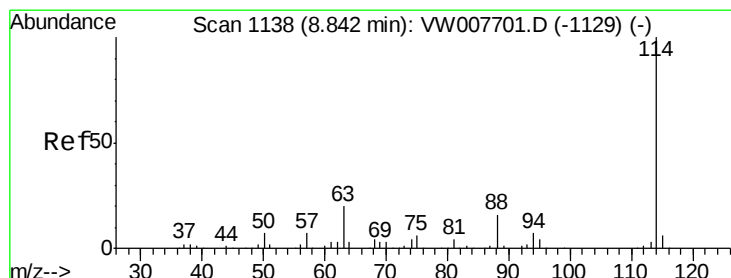
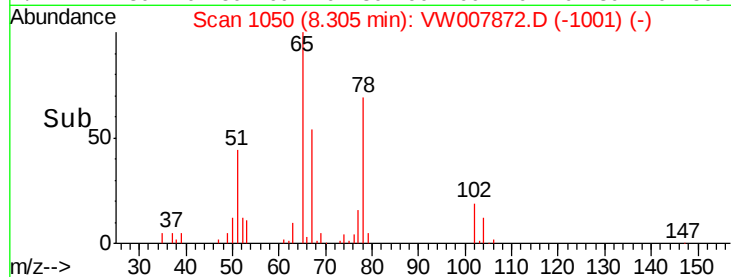
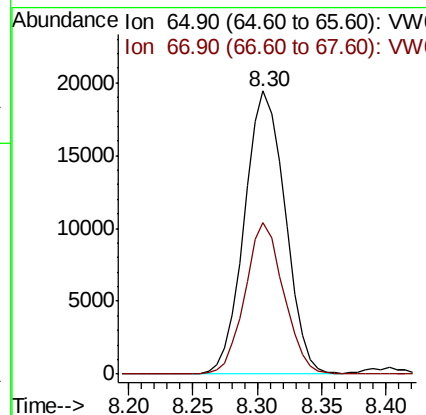
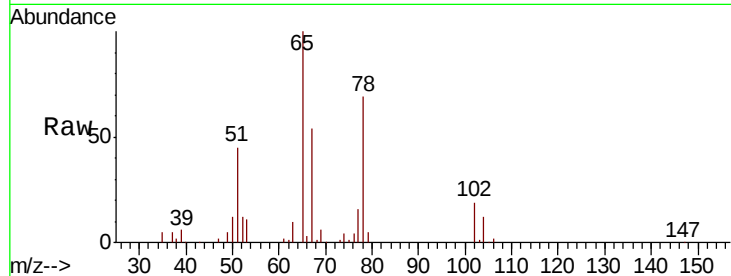
67 50.5 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

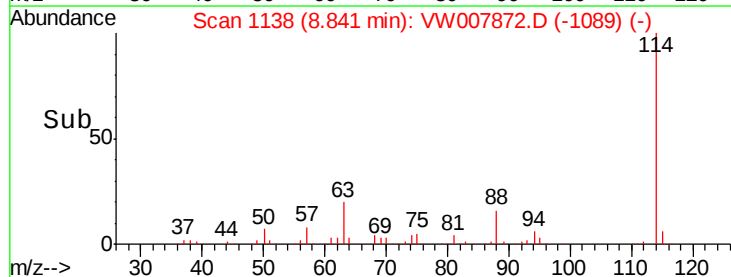
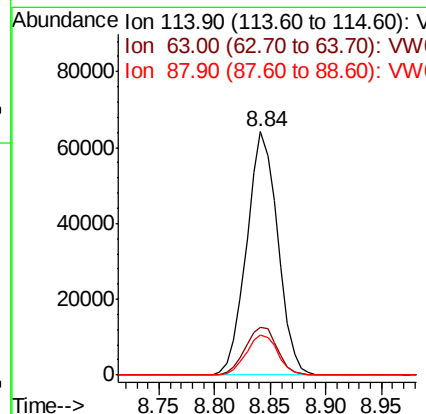
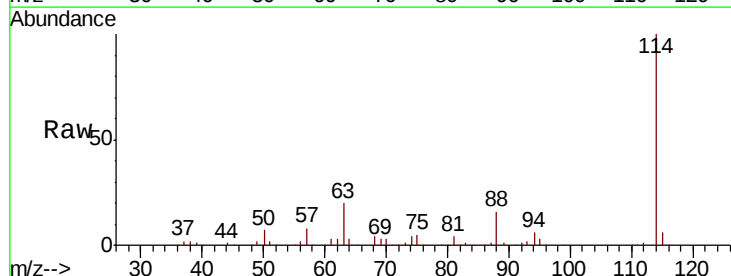
Tgt Ion: 114 Resp: 124956

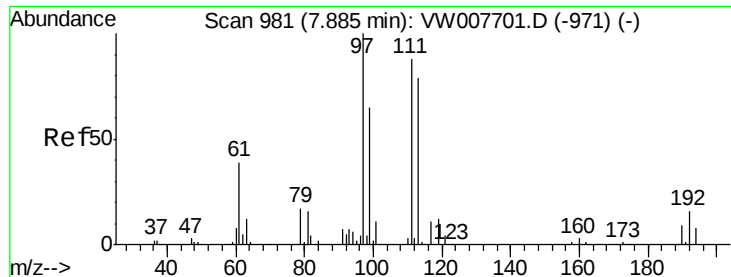
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 16.2 0.0 32.6





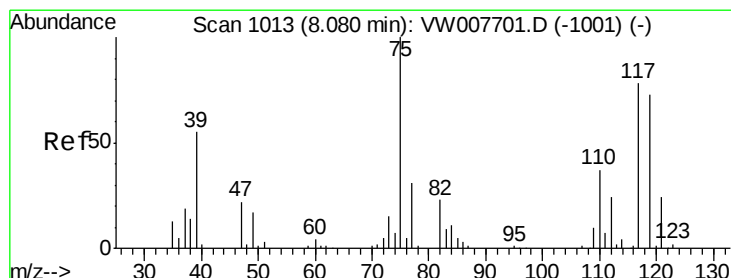
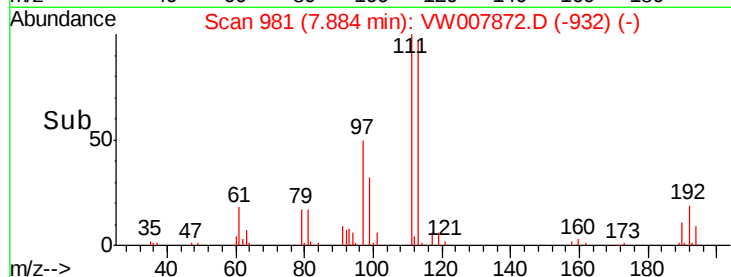
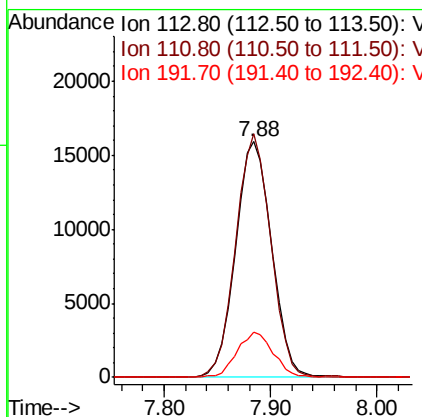
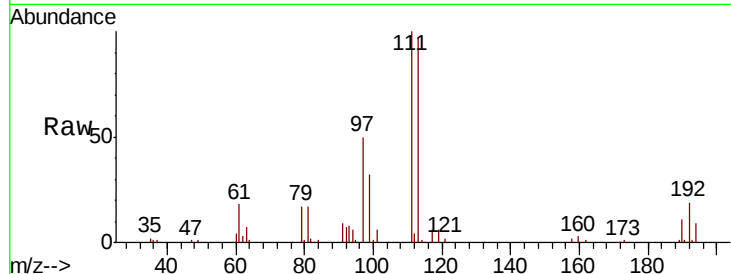
#35
 Dibromofluoromethane
 Concen: 49.781 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	37948		
111	100.4	82.6	124.0	
192	19.0	15.5	23.3	

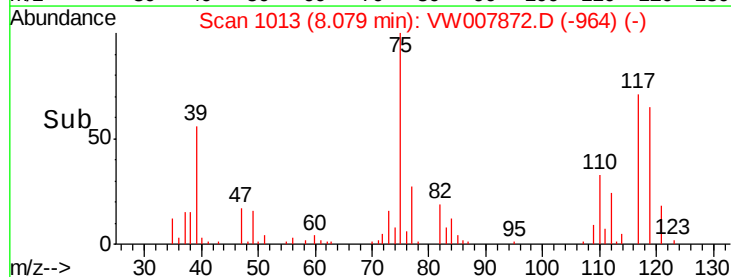
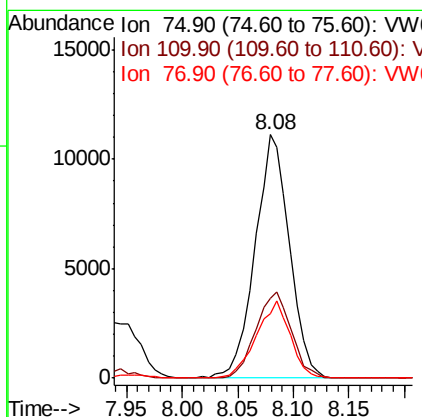
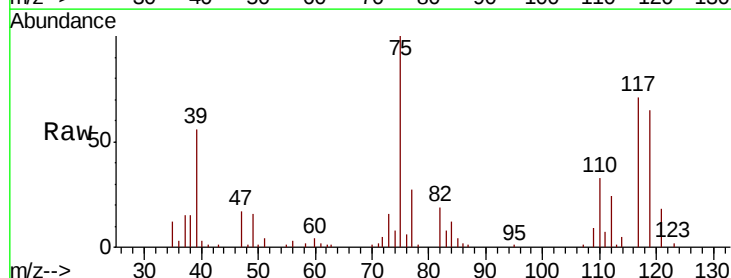
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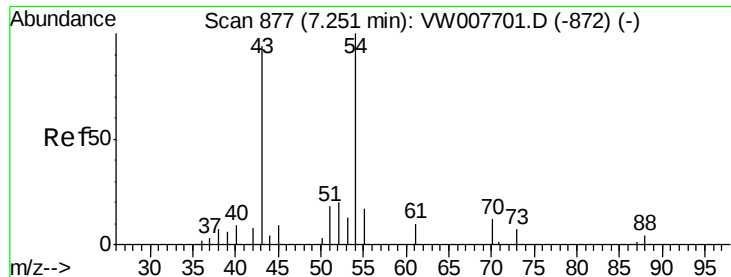
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#36
 1,1-Dichloropropene
 Concen: 19.842 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23931		
110	36.2	18.6	55.8	
77	31.2	25.0	37.4	





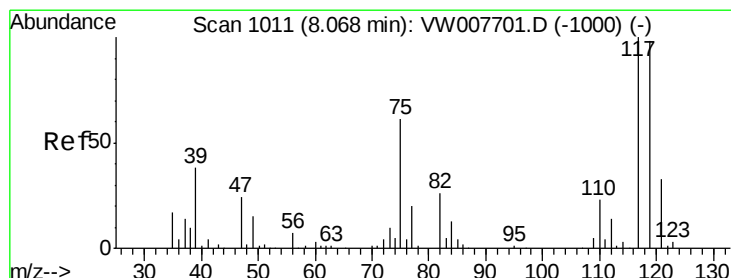
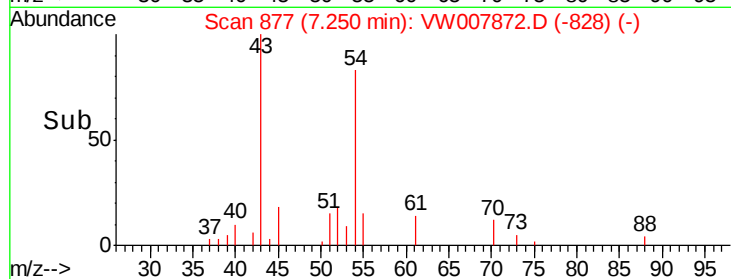
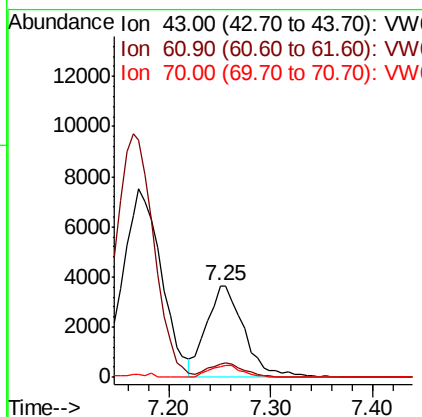
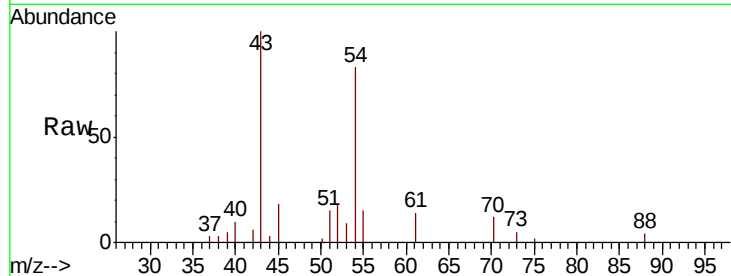
#37
Ethyl Acetate
Concen: 22.663 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 43 Resp: 9433
Ion Ratio Lower Upper
43 100
61 14.7 11.2 16.8
70 11.2 9.3 13.9

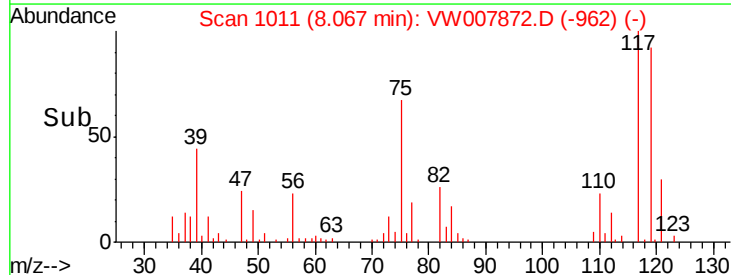
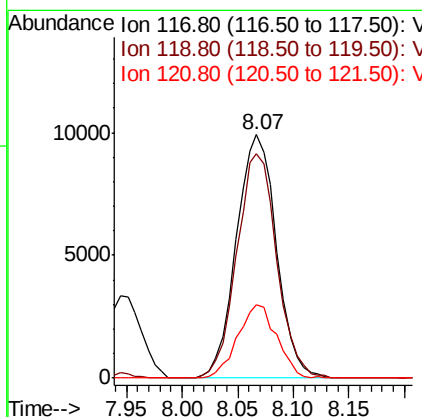
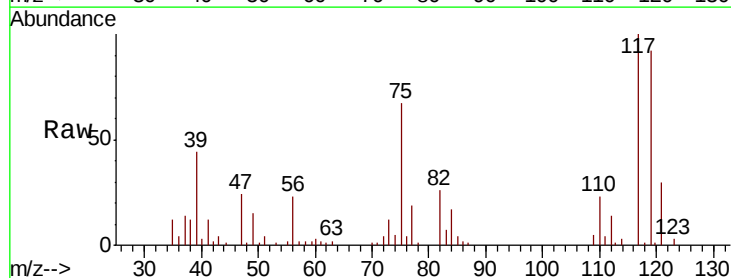
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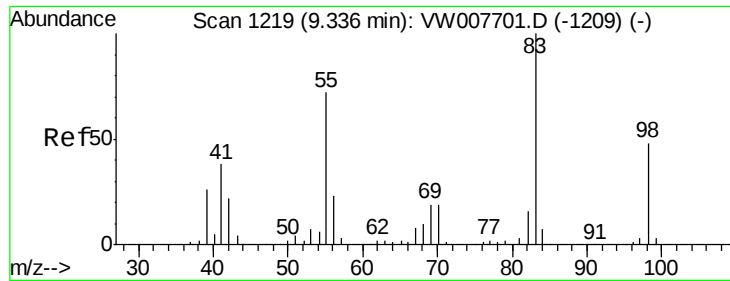
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#38
Carbon Tetrachloride
Concen: 17.394 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 117 Resp: 24705
Ion Ratio Lower Upper
117 100
119 92.3 78.2 117.2
121 30.0 26.1 39.1





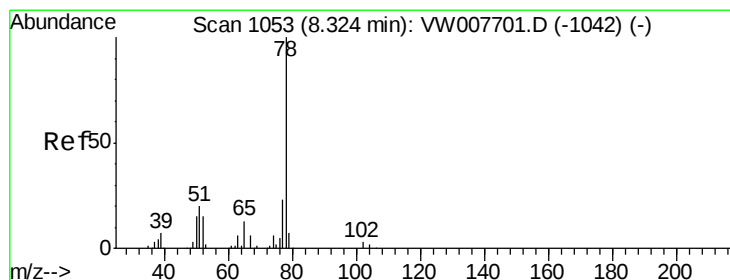
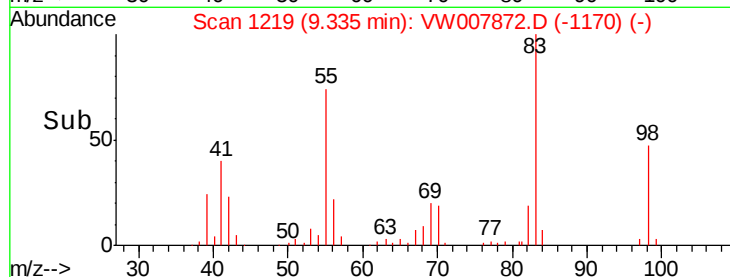
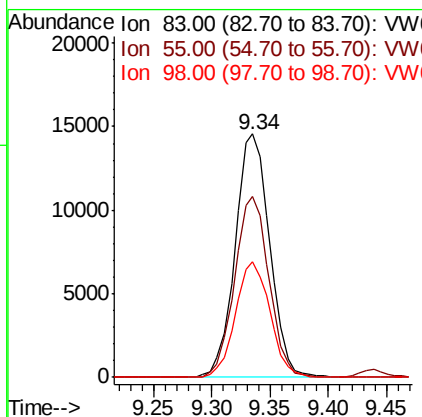
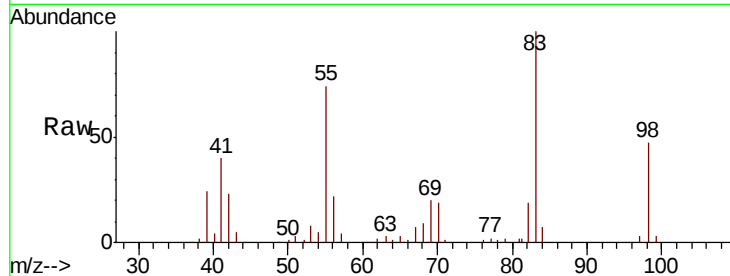
#39
Methylcyclohexane
Concen: 20.073 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.3	57.2	85.8
98	47.3	38.6	58.0

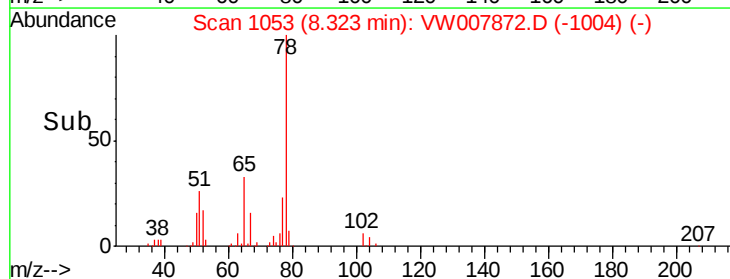
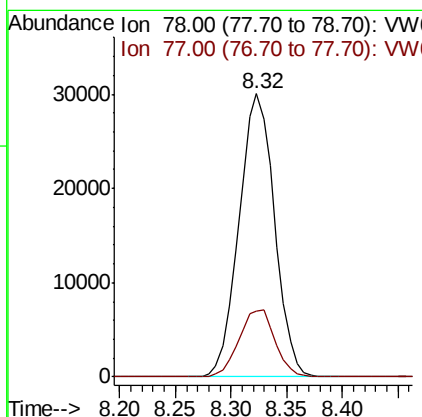
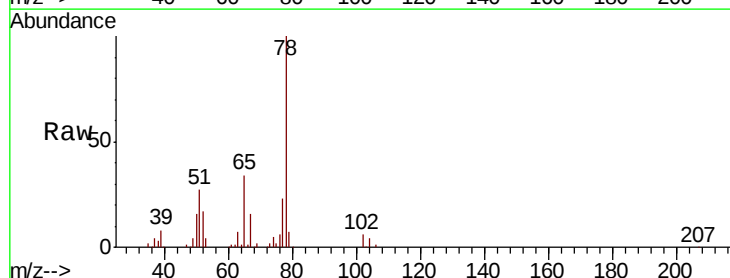
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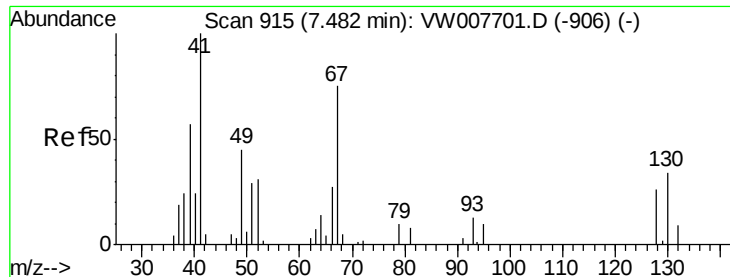
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#40
Benzene
Concen: 20.671 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1





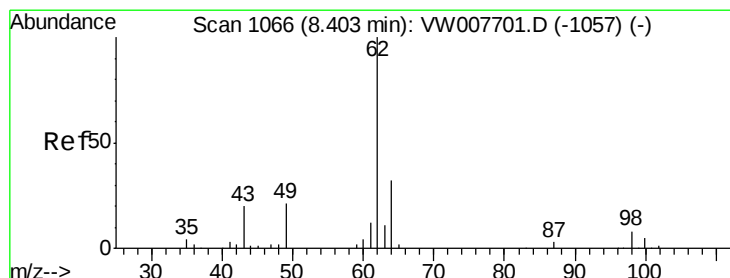
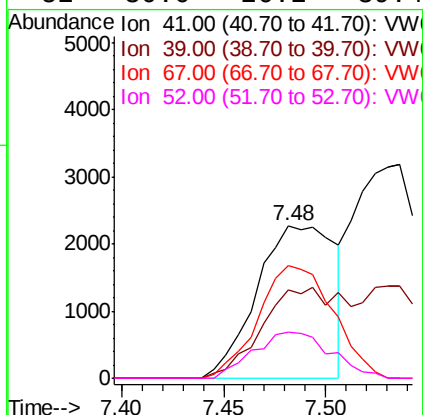
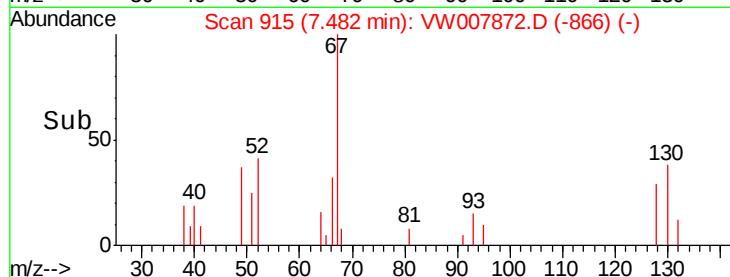
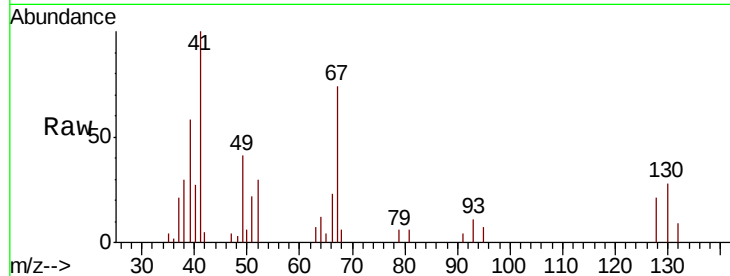
#41
Methacrylonitrile
Concen: 25.669 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion:	41	Resp:	6066
Ion	Ratio	Lower	Upper
41	100		
39	62.1	54.2	81.4
67	70.4	65.7	98.5
52	30.0	26.2	39.4

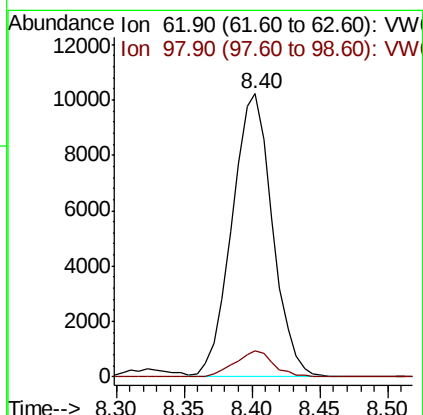
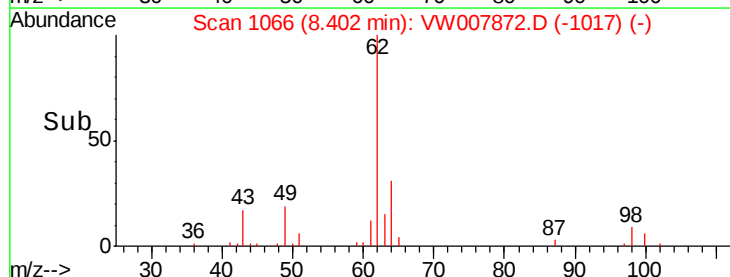
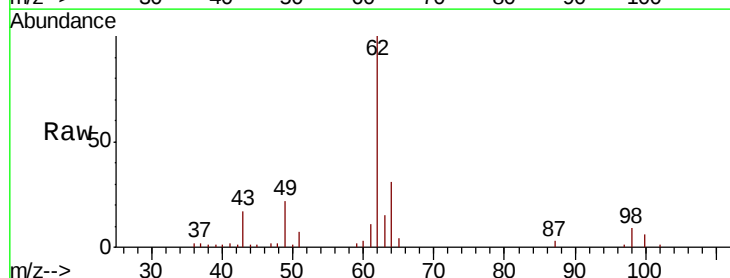
Manual Integrations
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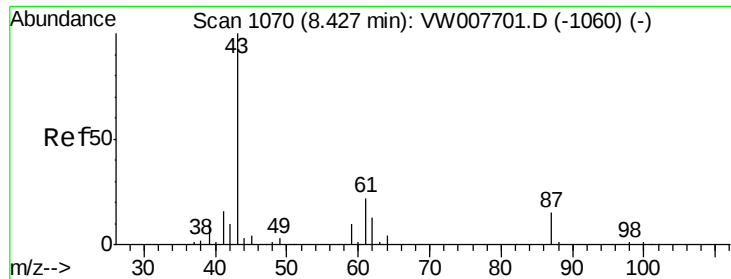
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.657 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion:	62	Resp:	21201
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 22.381 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

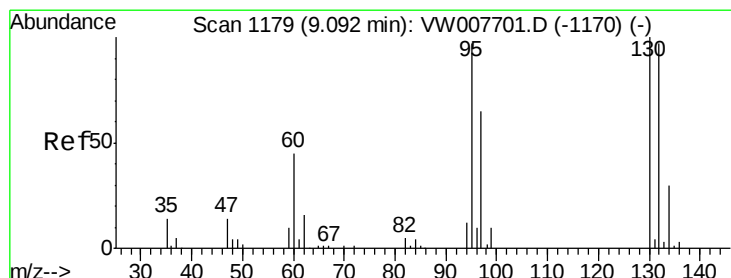
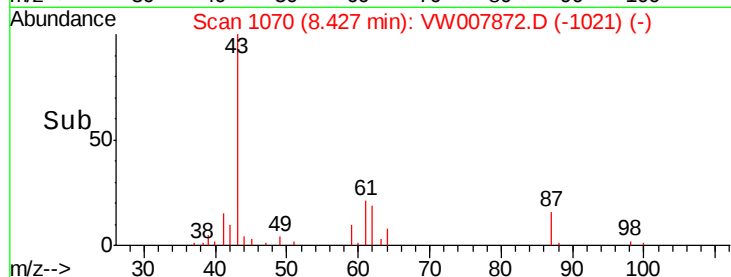
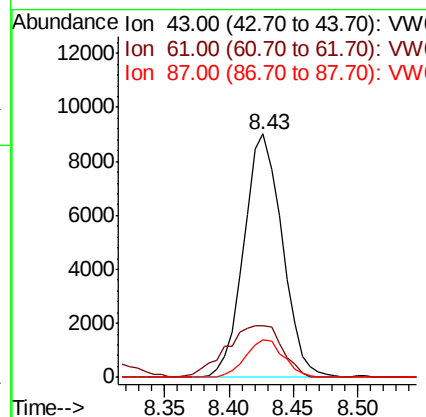
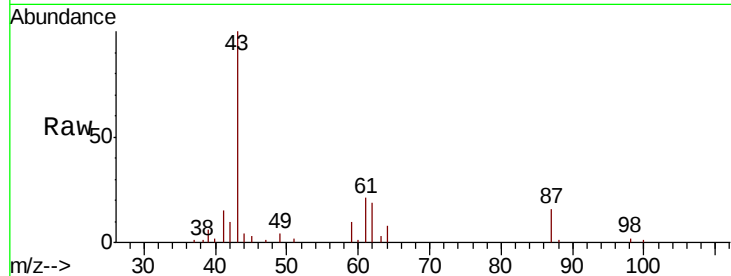
ClientSampleId :

VW1224SBSD02

Tgt Ion:	43	Resp:	18663
Ion	Ratio	Lower	Upper
43	100		
61	31.0	26.3	39.5
87	15.2	12.0	18.0

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12/24/2018 3:15:35 PM



#44

Trichloroethene

Concen: 19.147 ug/l

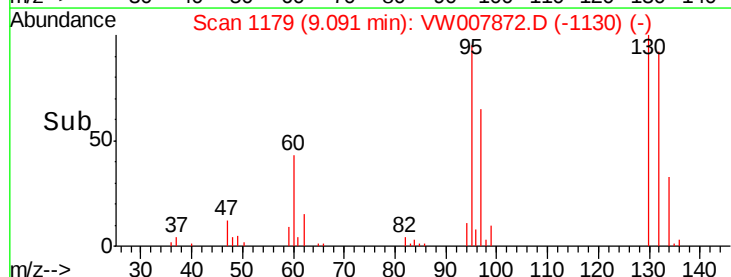
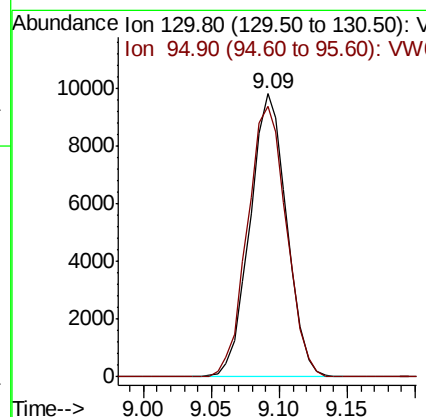
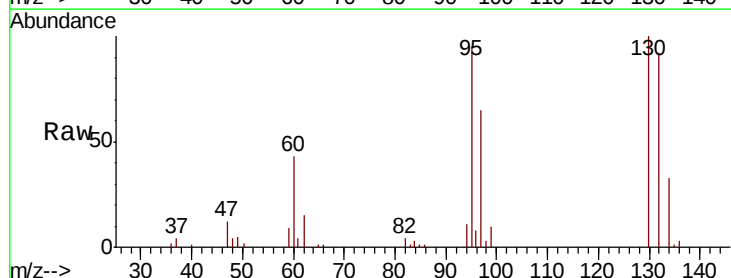
RT: 9.09 min Scan# 1179

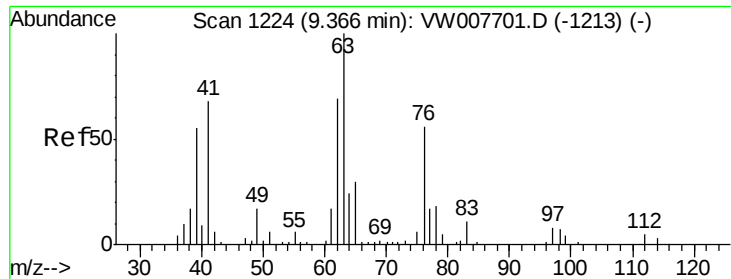
Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion:	130	Resp:	18635
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	194.8





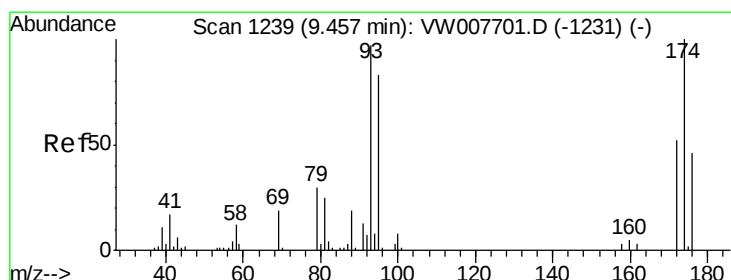
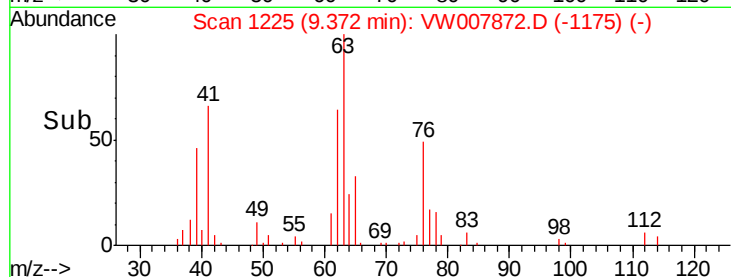
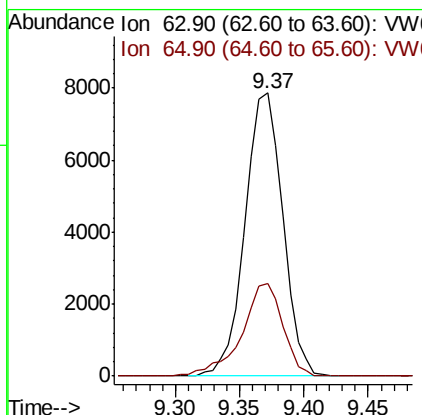
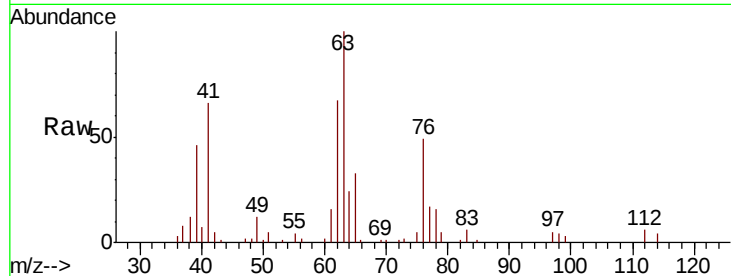
#45
 1,2-Dichloropropane
 Concen: 22.337 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 63 Resp: 15951
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.8 35.8

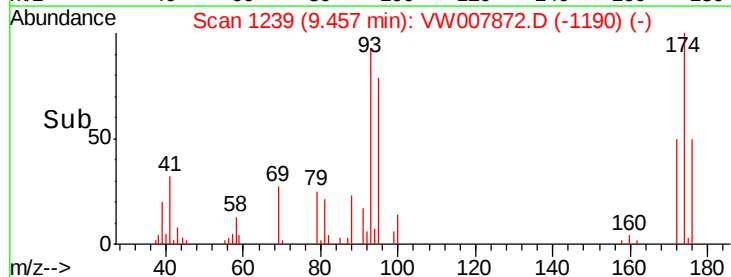
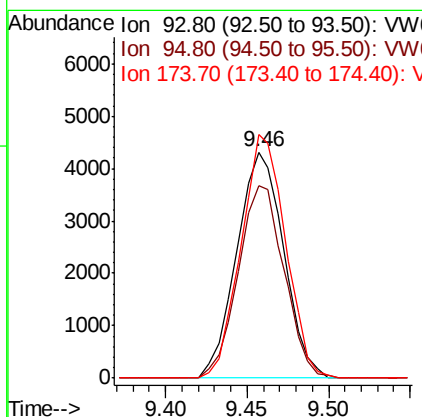
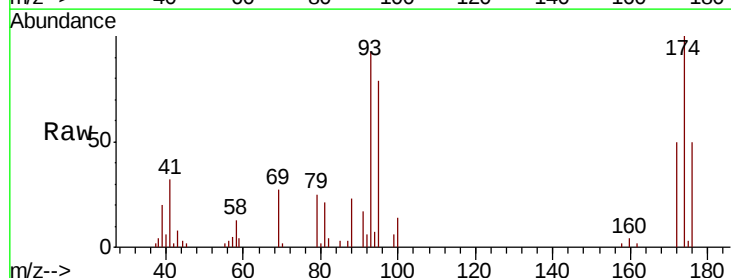
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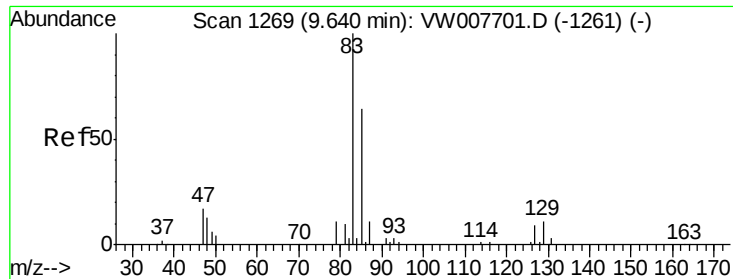
MMDadoda
 12/24/2018 3:15:35 PM



#46
 Dibromomethane
 Concen: 19.625 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 93 Resp: 8627
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.5 101.3
 174 102.4 83.9 125.9





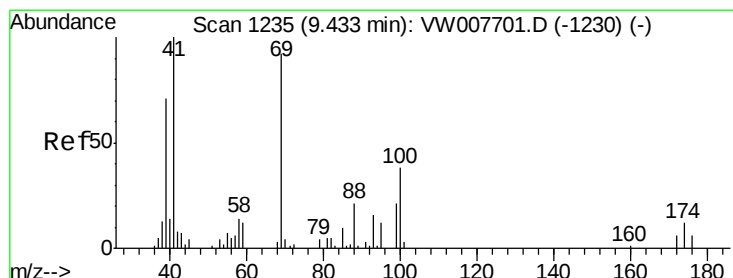
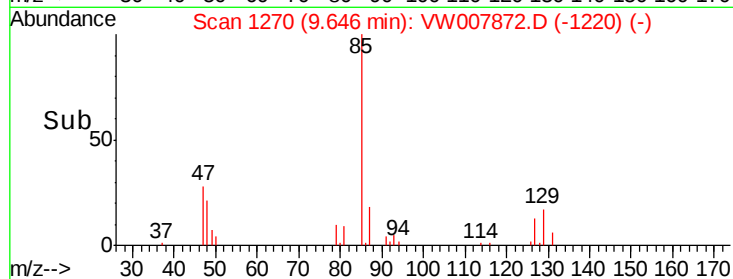
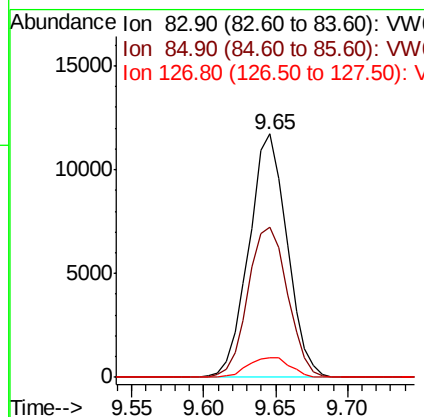
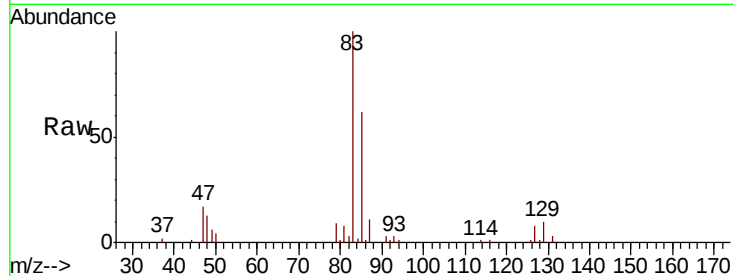
#47
Bromodichloromethane
Concen: 18.607 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.4	77.0
127	8.2	7.5	11.3

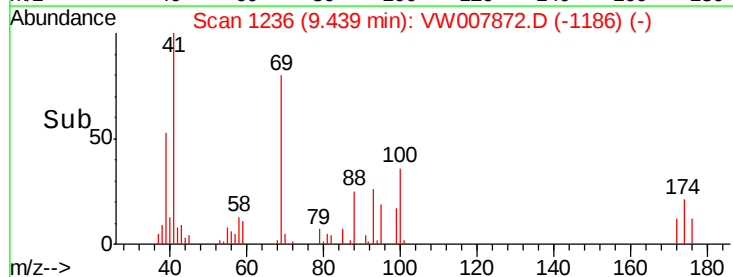
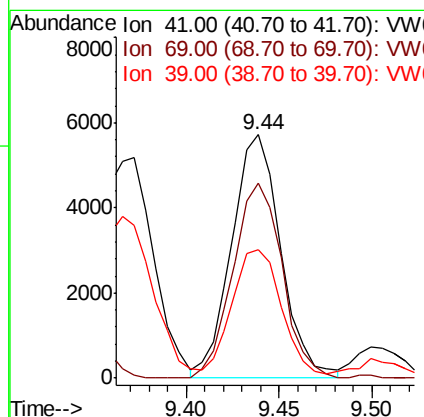
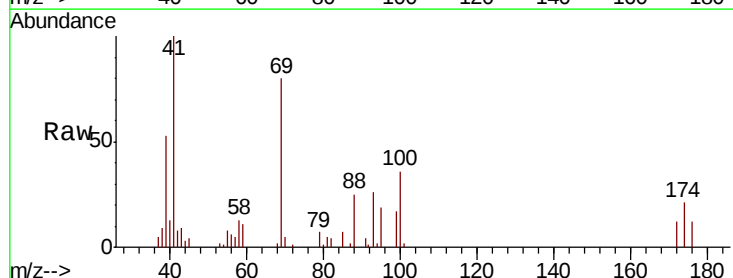
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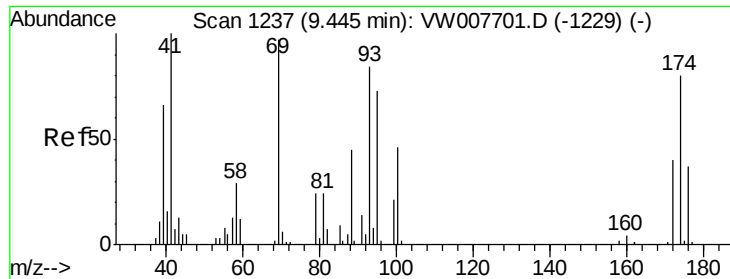
MMDadoda
12/24/2018 3:15:35 PM



#48
Methyl methacrylate
Concen: 25.264 ug/l m
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.1	74.2	111.2
39	53.9	53.9	80.9#





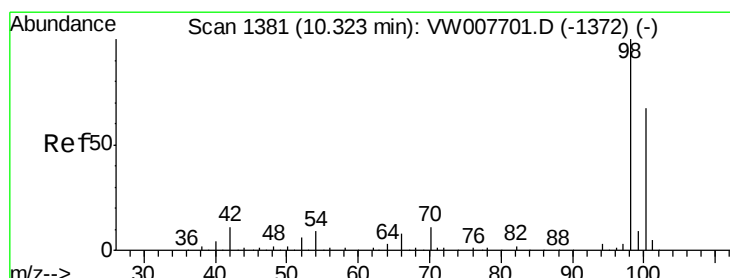
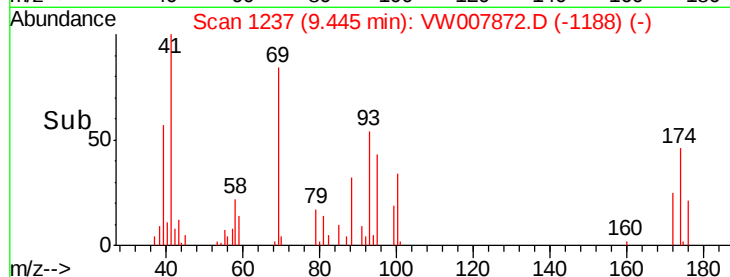
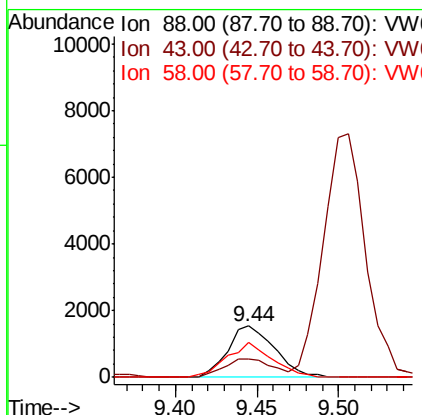
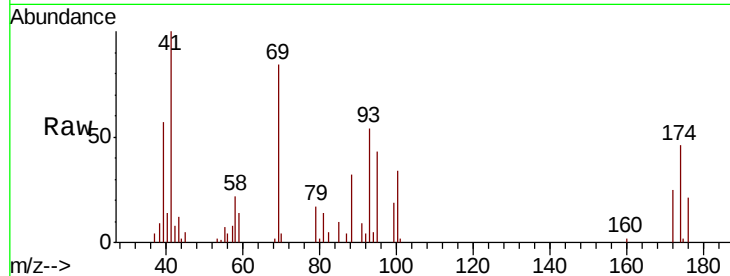
#49
 1,4-Dioxane
 Concen: 441.209 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 88 Resp: 3075
 Ion Ratio Lower Upper
 88 100
 43 37.2 25.6 38.4
 58 65.4 52.3 78.5

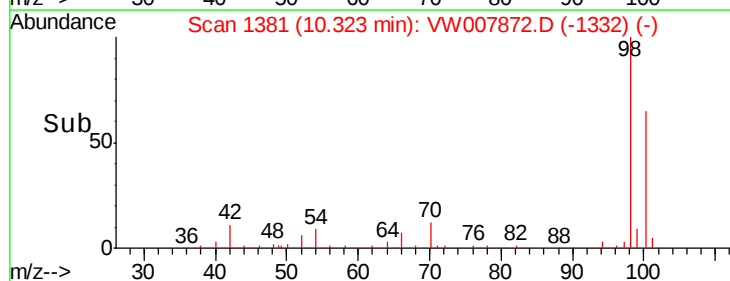
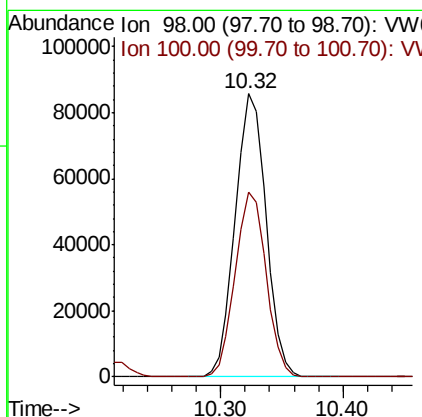
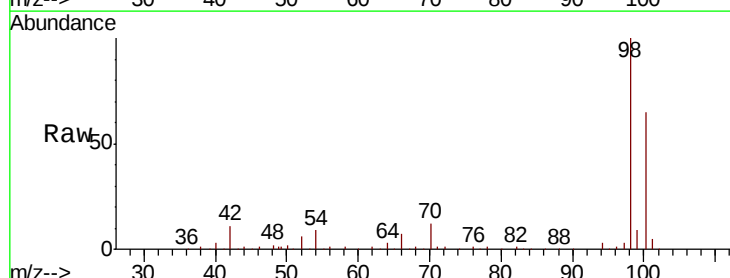
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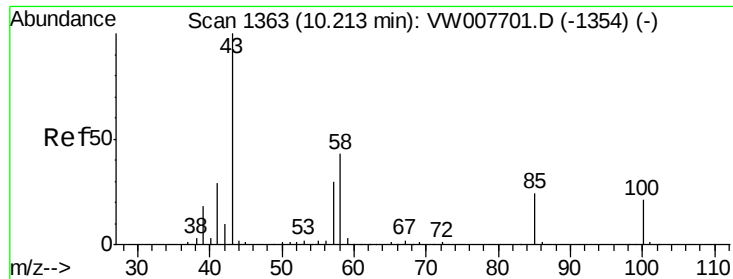
MMDadoda
 12/24/2018 3:15:35 PM



#50
 Toluene-d8
 Concen: 52.291 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 98 Resp: 150272
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.2 78.2





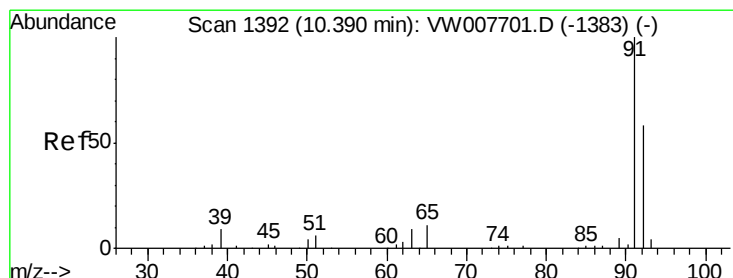
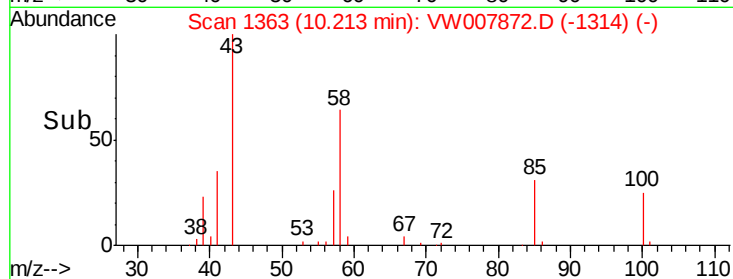
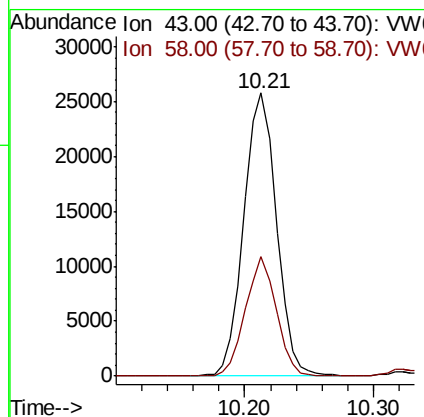
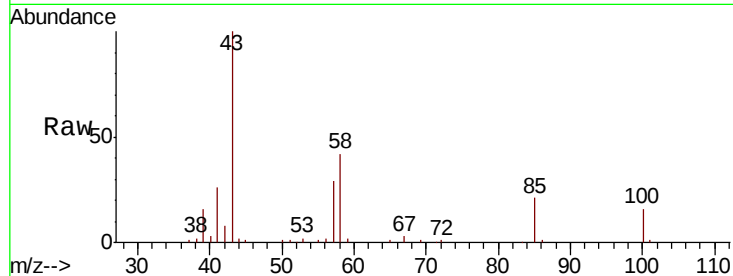
#51
 4-Methyl-2-Pentanone
 Concen: 114.836 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 43 Resp: 45256
 Ion Ratio Lower Upper
 43 100
 58 39.8 33.2 49.8

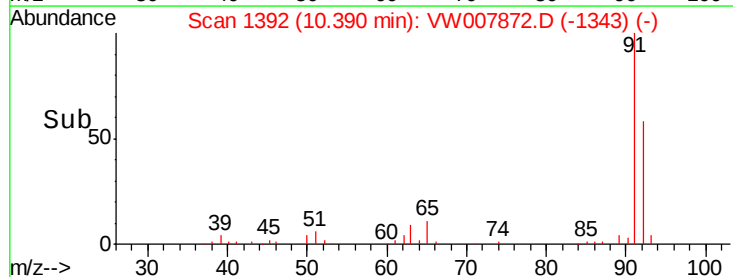
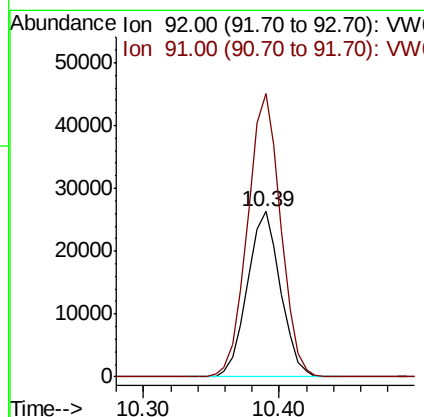
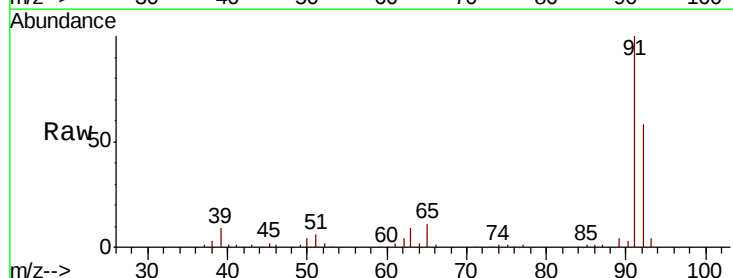
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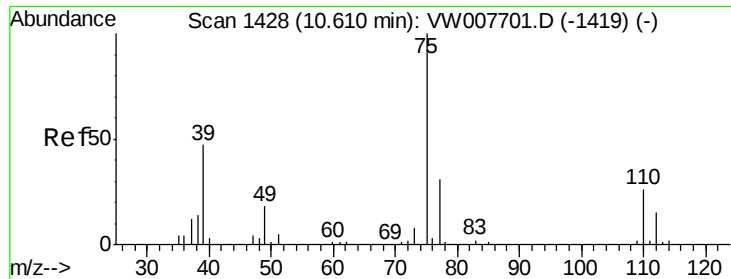
MMDadoda
 12/24/2018 3:15:35 PM



#52
 Toluene
 Concen: 20.763 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 92 Resp: 44833
 Ion Ratio Lower Upper
 92 100
 91 171.0 137.0 205.4





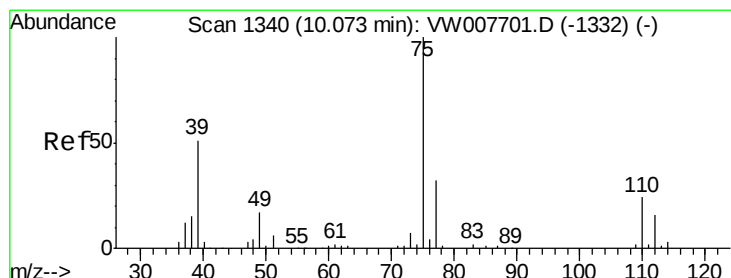
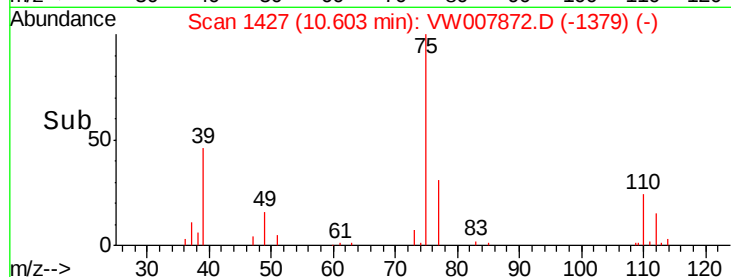
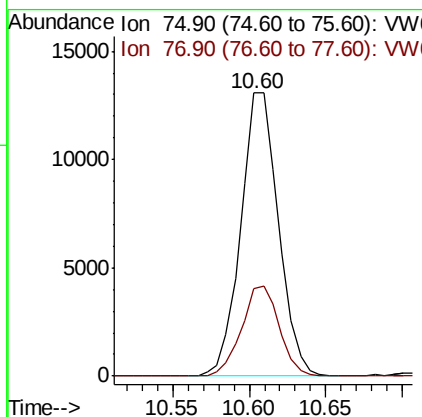
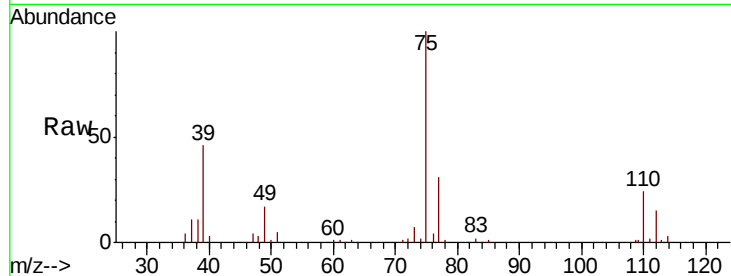
#53
 t-1,3-Dichloropropene
 Concen: 19.445 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 75 Resp: 22352
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8

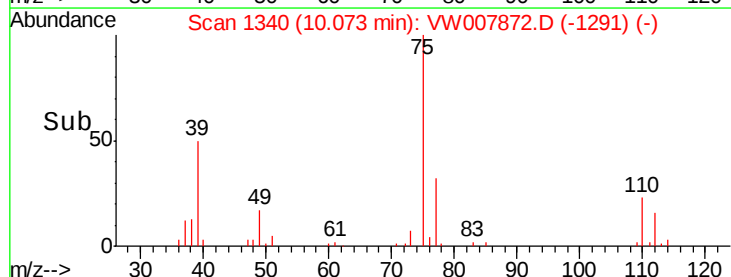
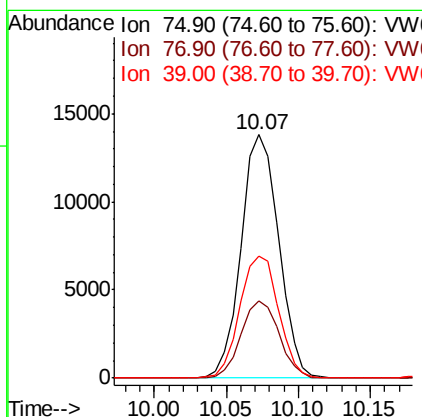
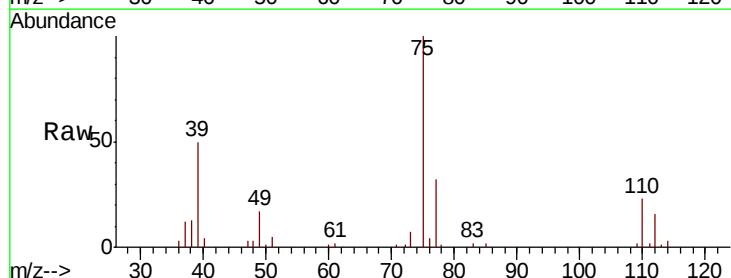
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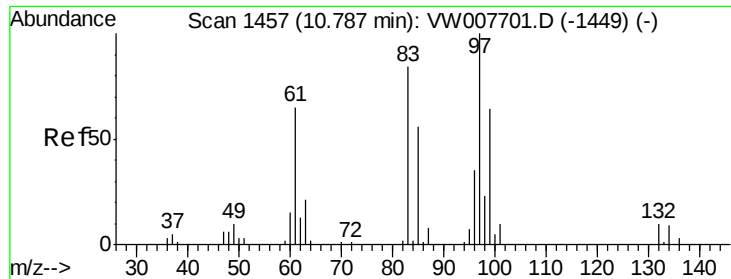
MMDadoda
 12/24/2018 3:15:35 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.645 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 75 Resp: 24943
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 50.0 41.2 61.8





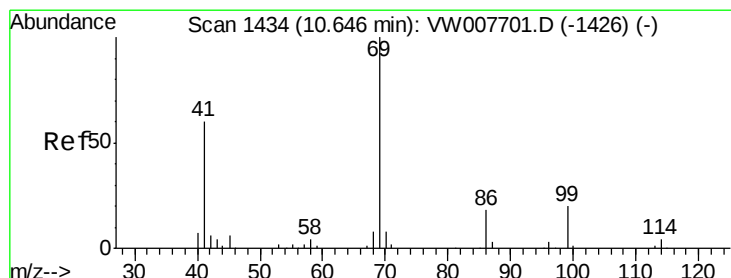
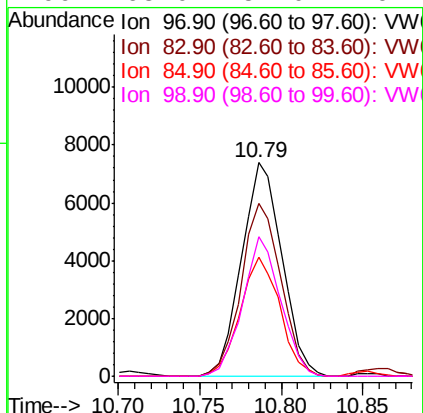
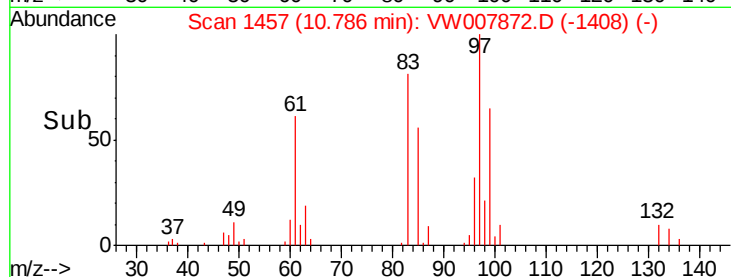
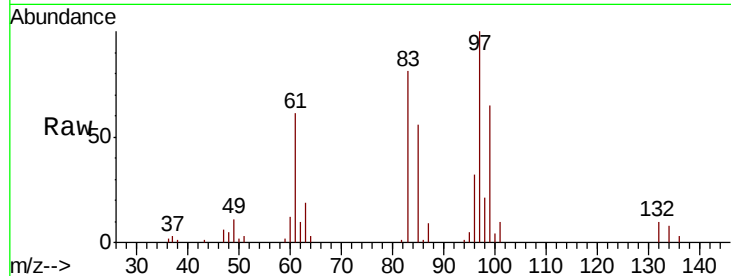
#55
 1,1,2-Trichloroethane
 Concen: 21.033 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion:	97	Resp:	12746
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.5	101.3
85	55.8	44.8	67.2
99	65.0	51.0	76.4

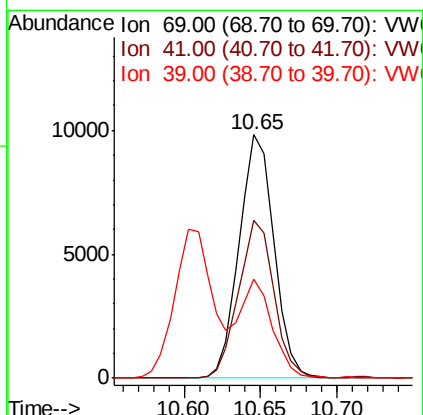
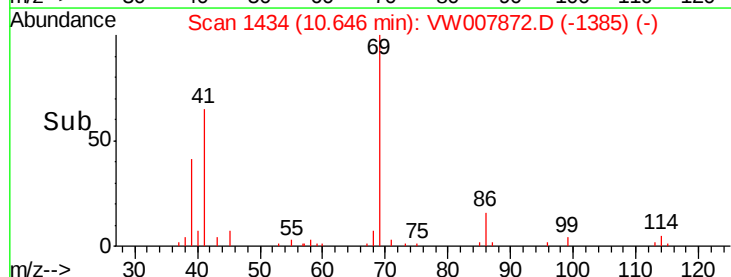
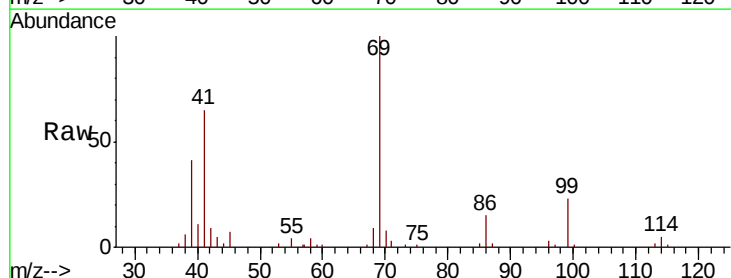
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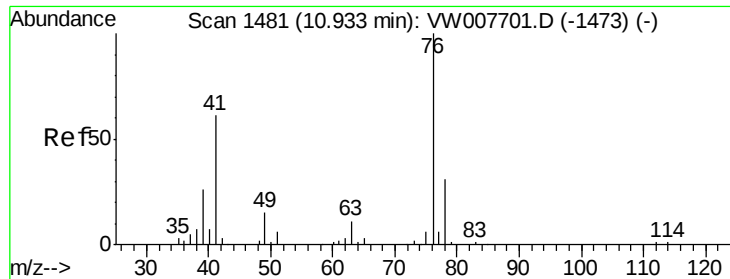
MMDadoda
 12/24/2018 3:15:35 PM



#56
 Ethyl methacrylate
 Concen: 21.705 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion:	69	Resp:	15541
Ion	Ratio	Lower	Upper
69	100		
41	65.5	48.9	73.3
39	38.6	31.3	46.9





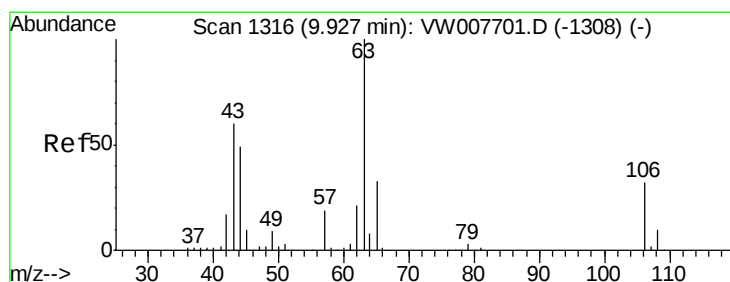
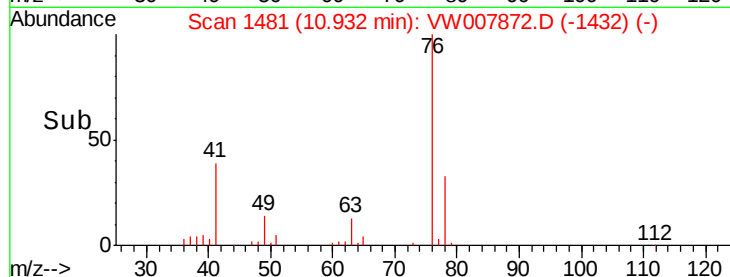
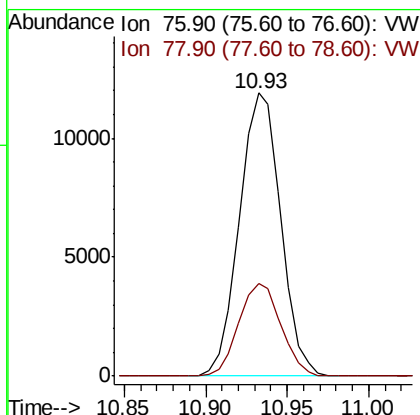
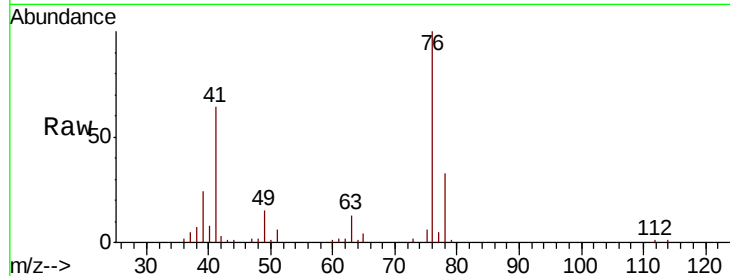
#57
 1,3-Dichloropropane
 Concen: 20.818 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 76 Resp: 20949
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.2

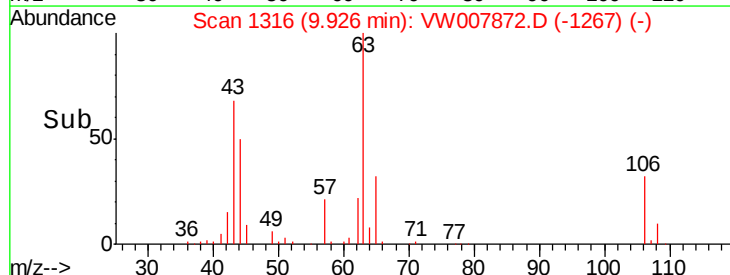
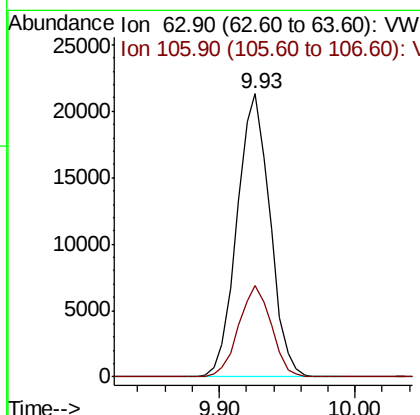
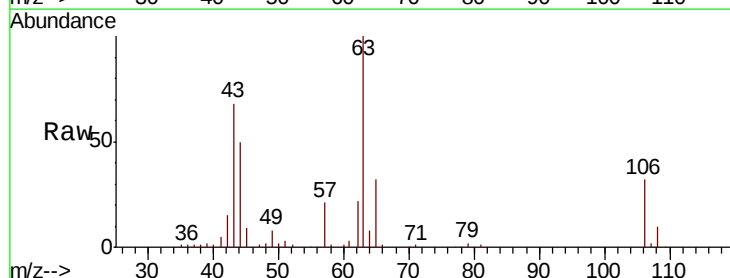
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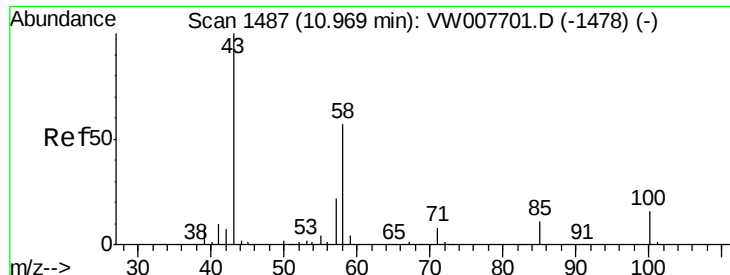
MMDadoda
 12/24/2018 3:15:35 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.208 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 63 Resp: 36028
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.9 38.9





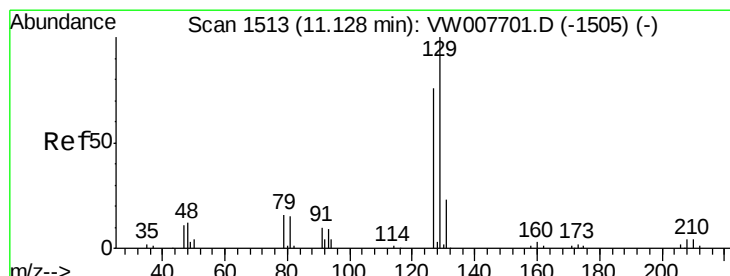
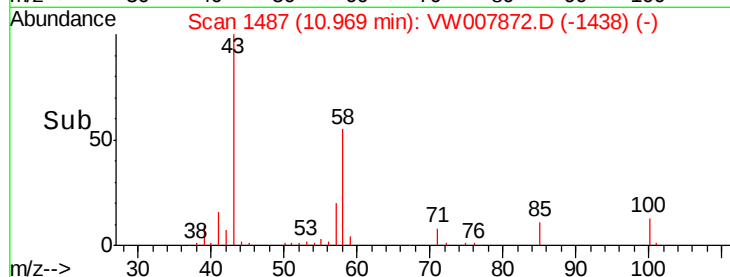
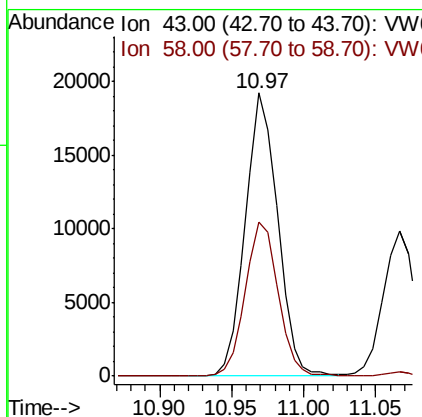
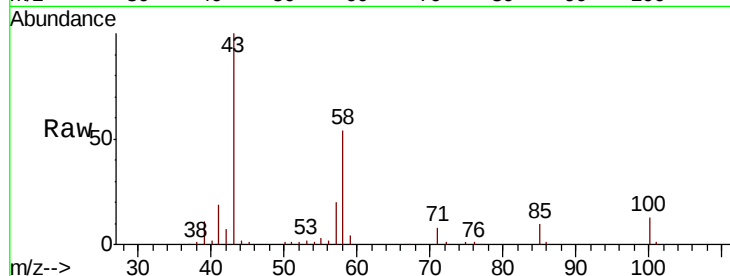
#59
2-Hexanone
Concen: 107.825 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 43 Resp: 29884
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1

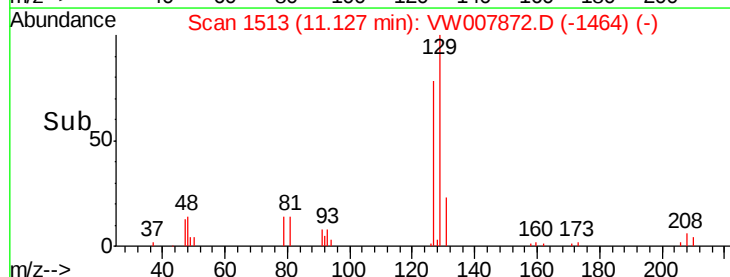
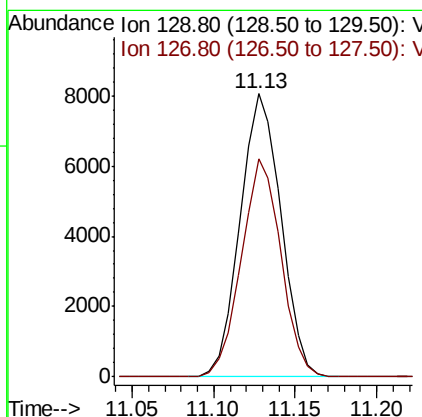
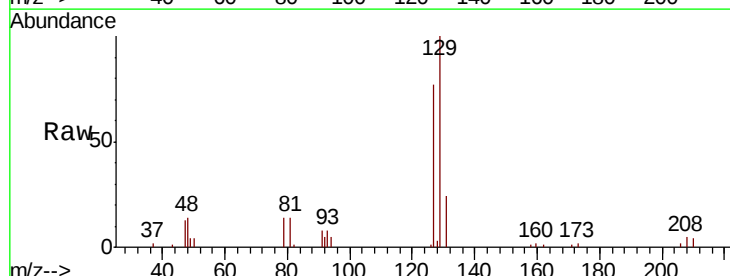
Manual Integrations
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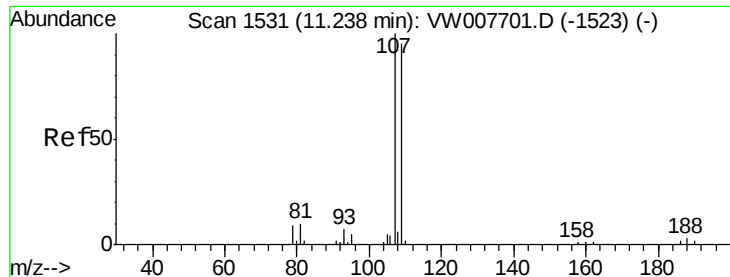
MMDadoda
12/24/2018 3:15:35 PM



#60
Dibromochloromethane
Concen: 17.486 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 129 Resp: 14031
Ion Ratio Lower Upper
129 100
127 74.7 38.3 114.9





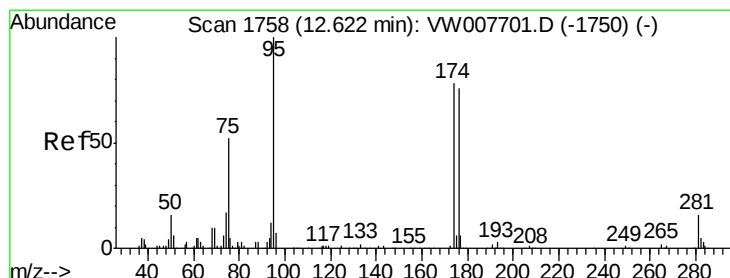
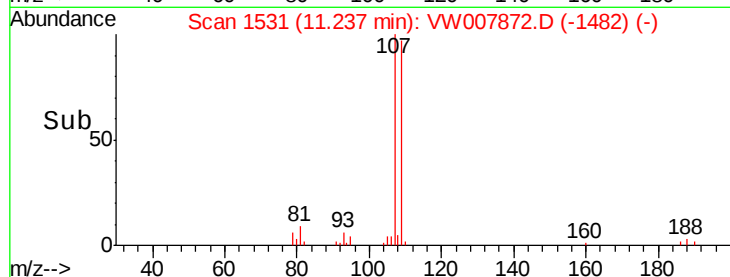
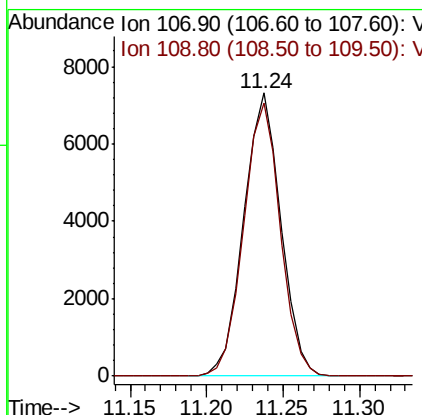
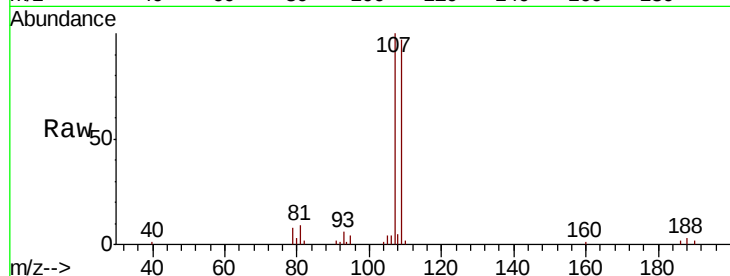
#61
 1,2-Dibromoethane
 Concen: 20.106 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.4	113.0

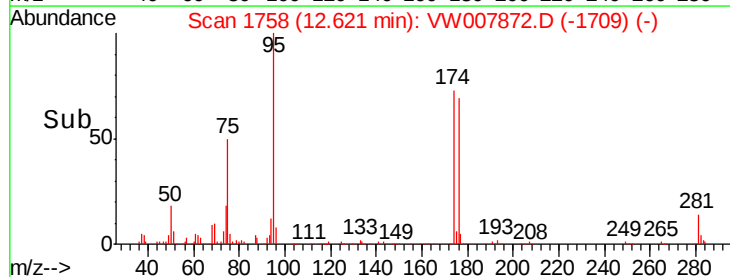
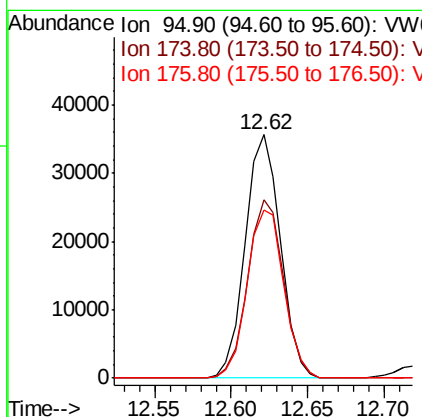
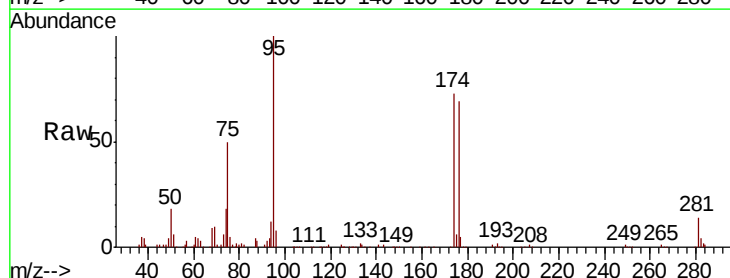
Manual Integrations
 APPROVED

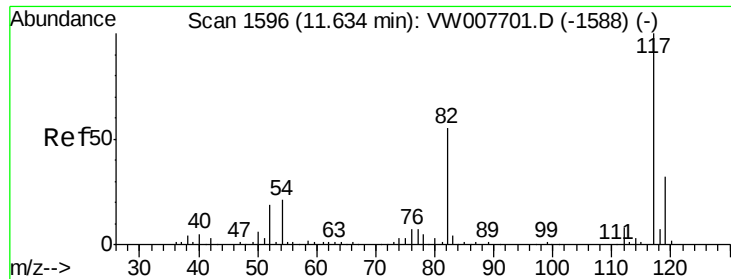
MMDadoda
 12/24/2018 3:15:35 PM



#62
 4-Bromofluorobenzene
 Concen: 51.427 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	152.2
176	71.9	0.0	146.8





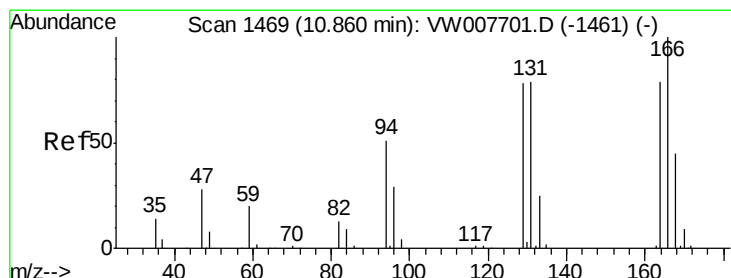
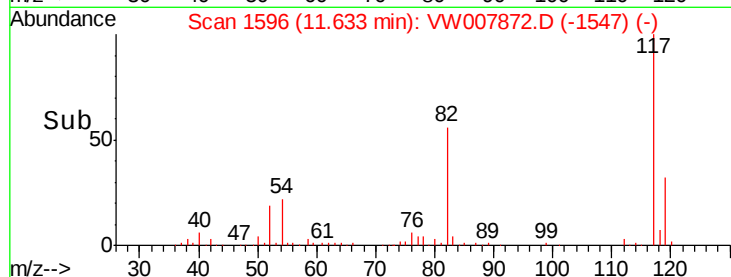
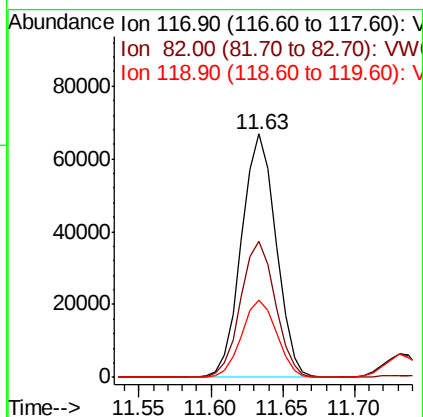
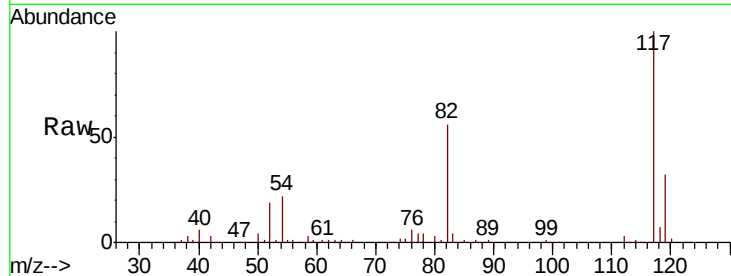
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.3	66.5
119	32.0	25.7	38.5

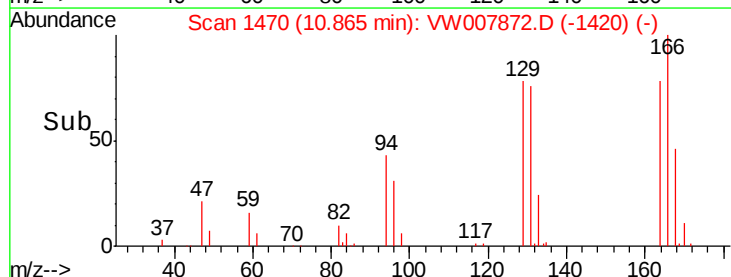
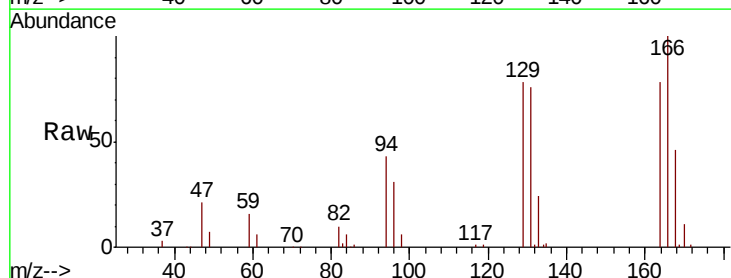
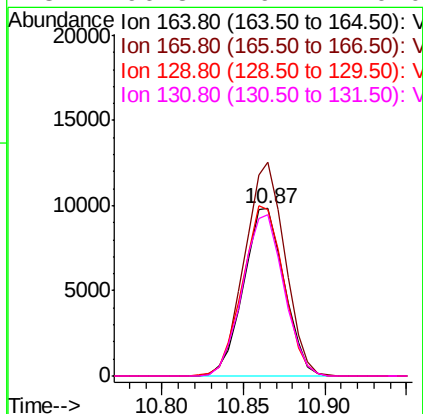
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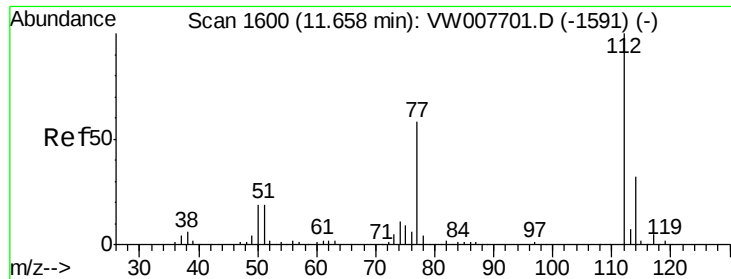
MMDadoda
12/24/2018 3:15:35 PM



#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.0	151.6
129	99.9	78.7	118.1
131	96.8	79.4	119.0





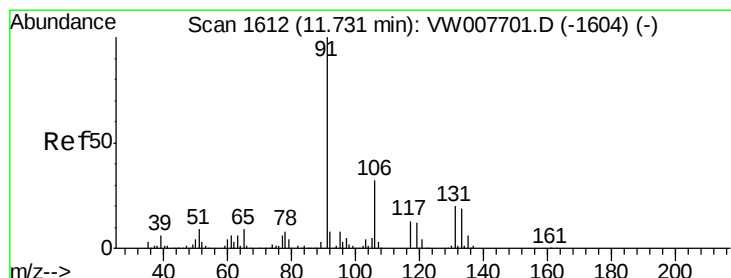
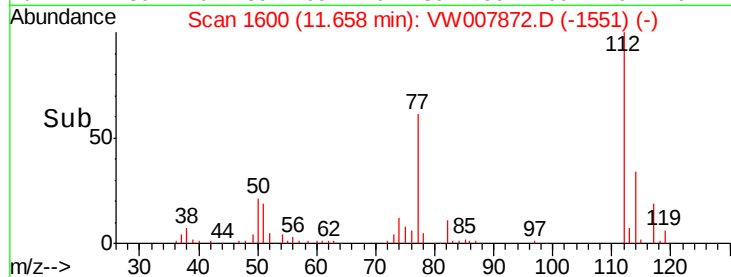
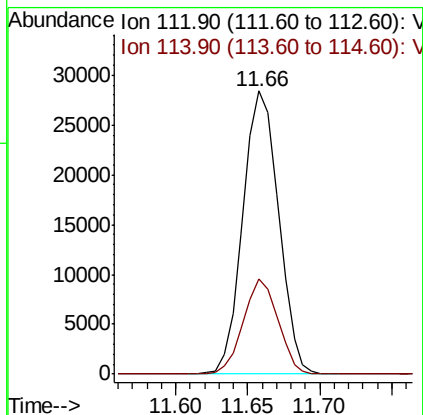
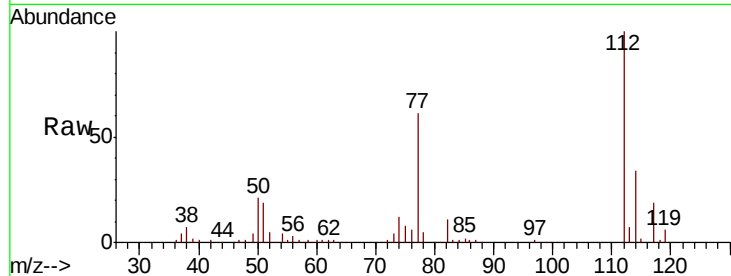
#65
Chlorobenzene
Concen: 20.337 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion:112 Resp: 48900
Ion Ratio Lower Upper
112 100
114 33.6 25.2 37.8

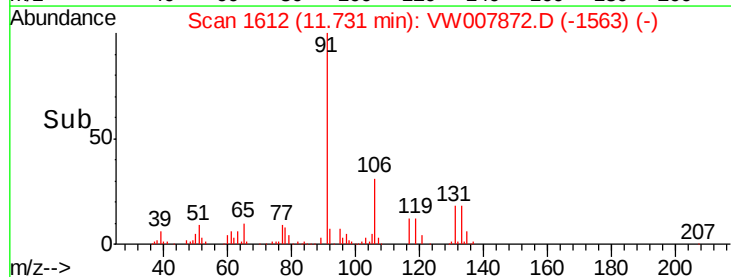
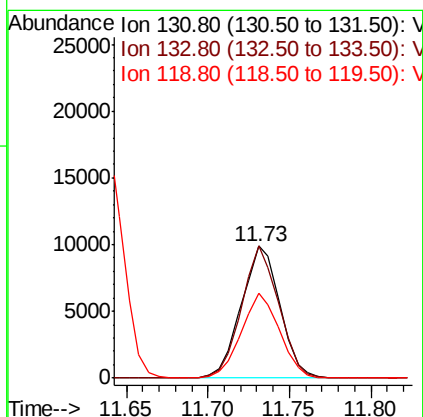
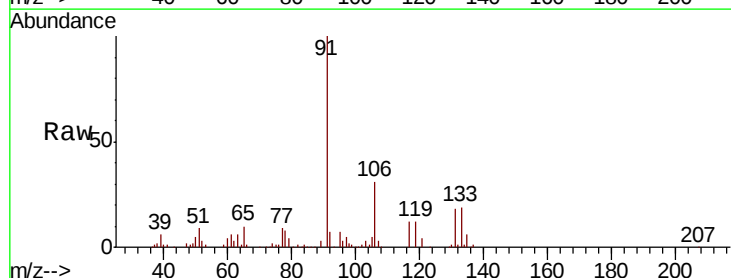
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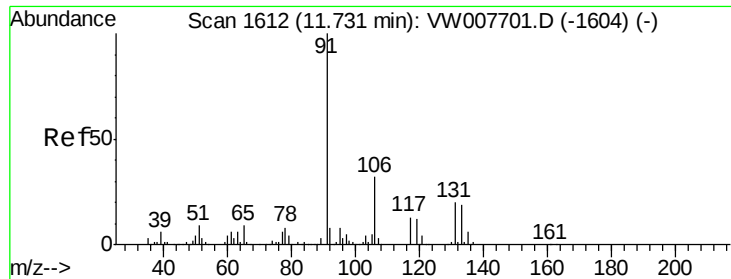
MMDadoda
12/24/2018 3:15:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.949 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion:131 Resp: 16280
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 64.1 30.2 90.6





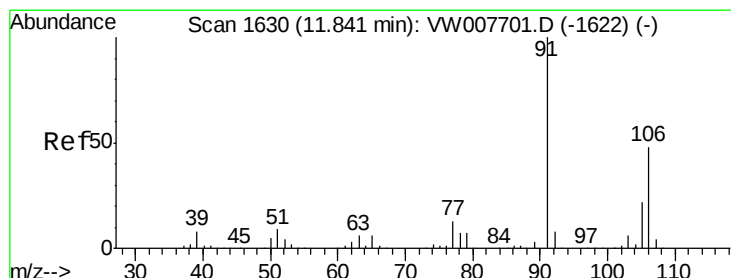
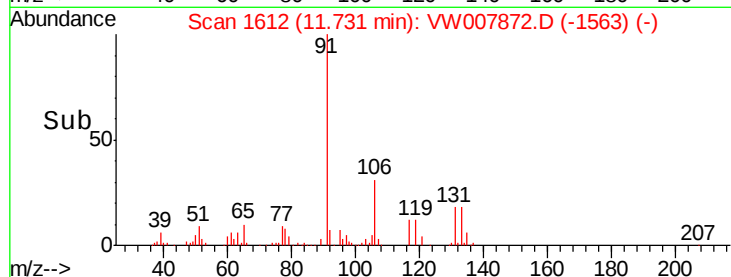
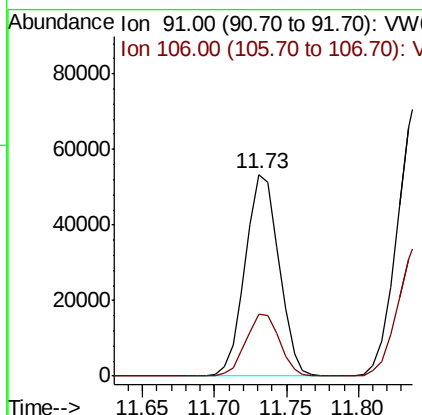
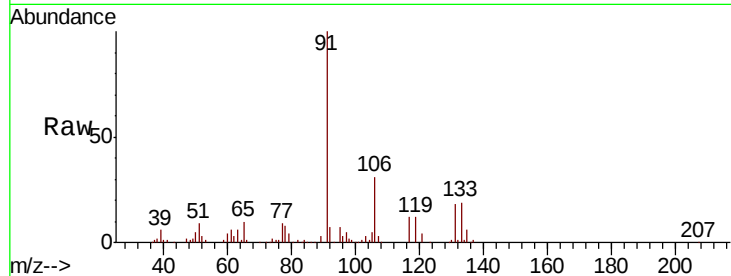
#67
Ethyl Benzene
Concen: 21.080 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion: 91 Resp: 86976
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8

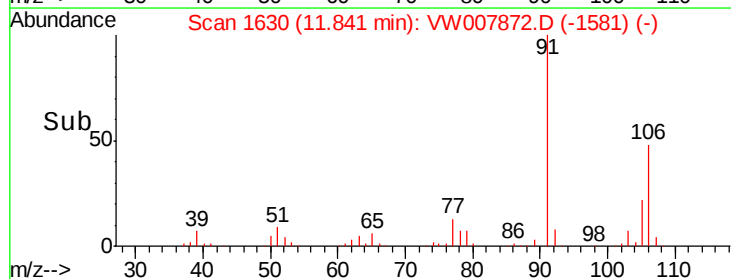
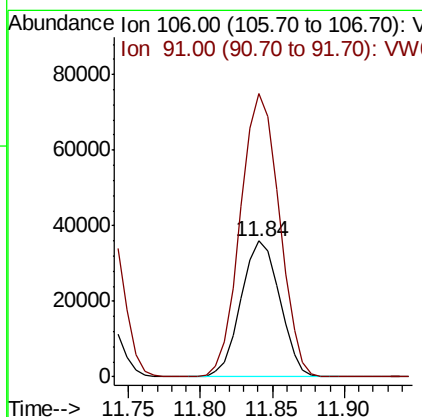
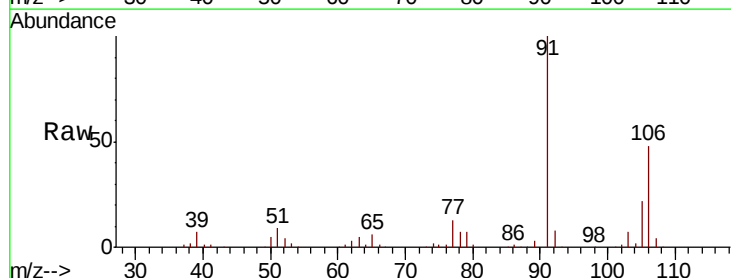
Manual Integrations
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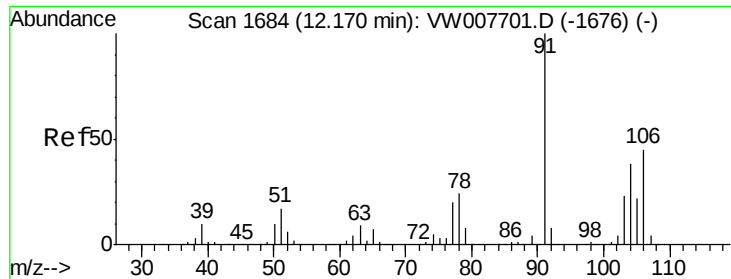
MMDadoda
12/24/2018 3:15:35 PM



#68
m/p-Xylenes
Concen: 42.006 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 106 Resp: 67233
Ion Ratio Lower Upper
106 100
91 209.8 165.2 247.8





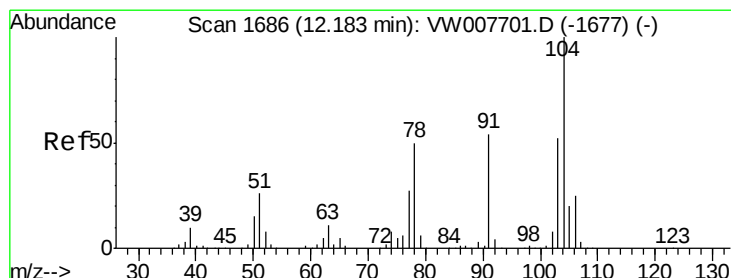
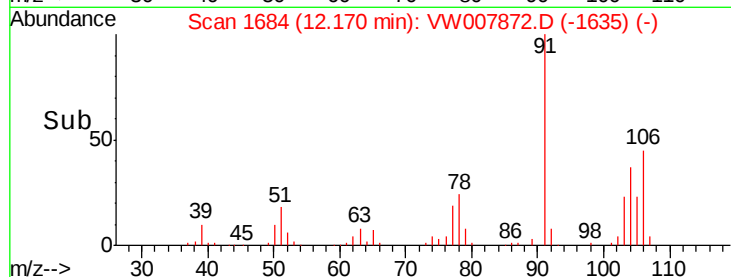
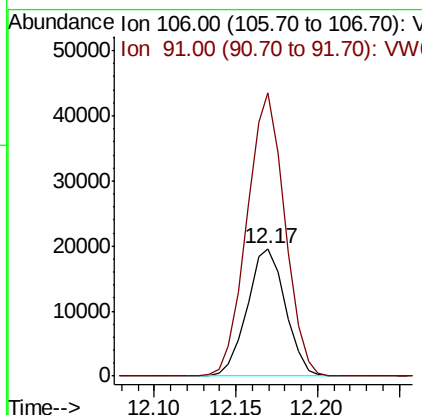
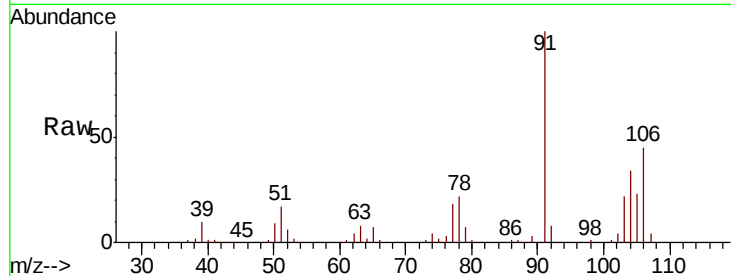
#69
o-Xylene
Concen: 21.247 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion:106 Resp: 31877
Ion Ratio Lower Upper
106 100
91 220.0 110.5 331.4

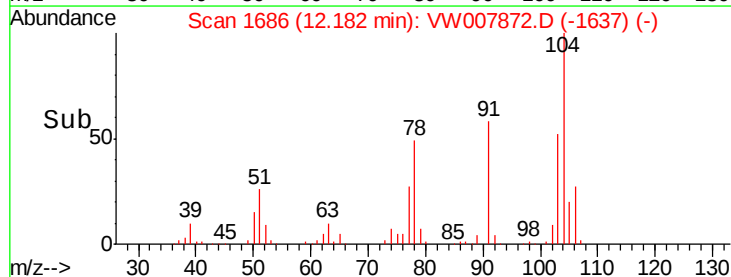
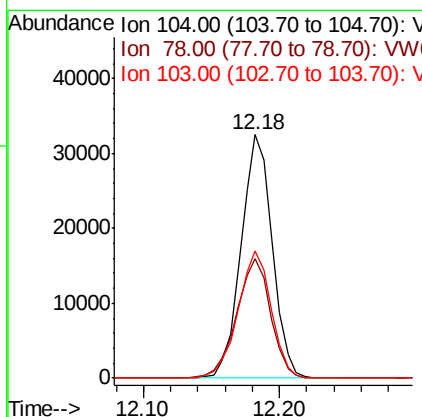
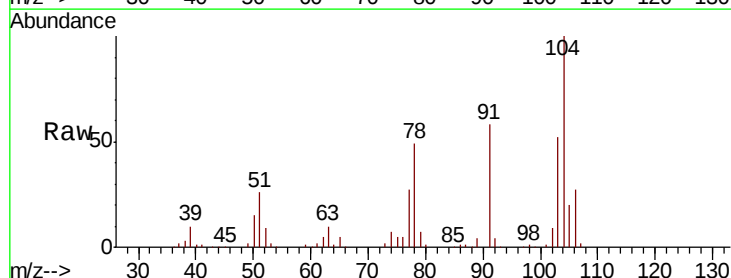
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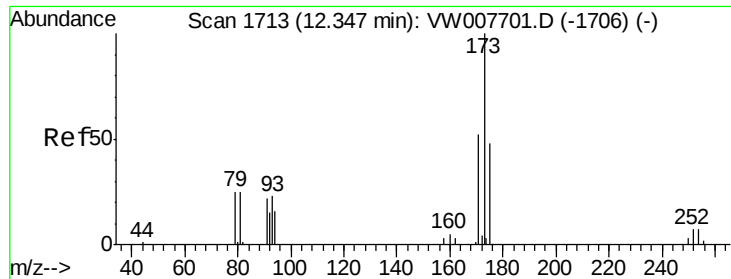
MMDadoda
12/24/2018 3:15:35 PM



#70
Styrene
Concen: 21.051 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion:104 Resp: 51916
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.0
103 55.7 44.5 66.7





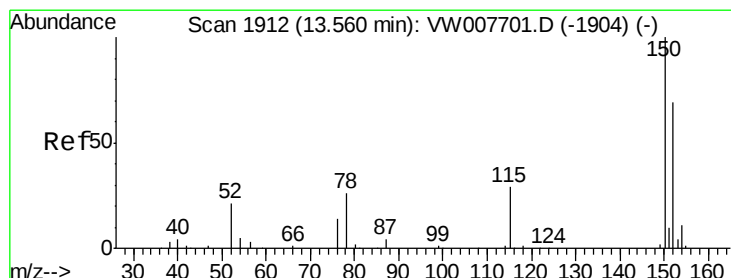
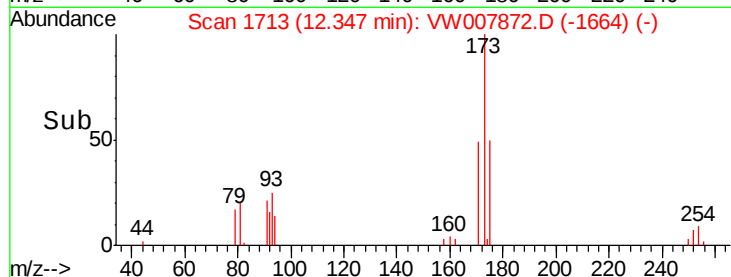
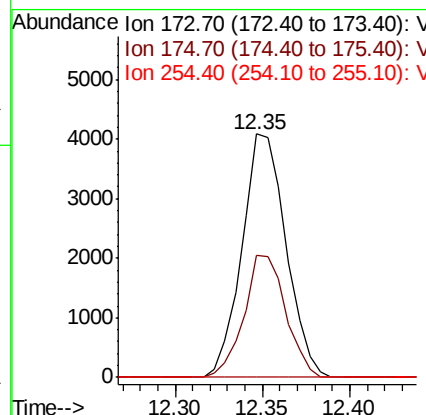
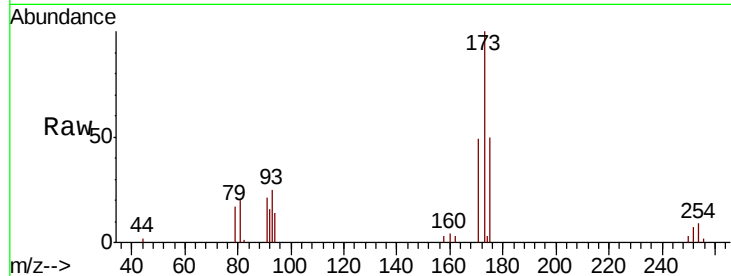
#71
Bromoform
Concen: 16.013 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.9	71.7
254	0.0	0.0	0.0

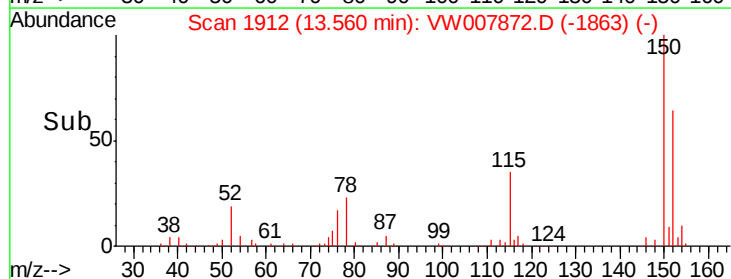
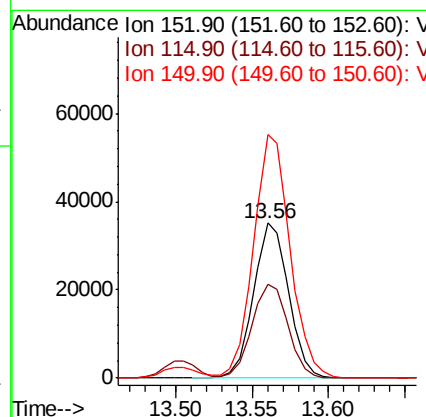
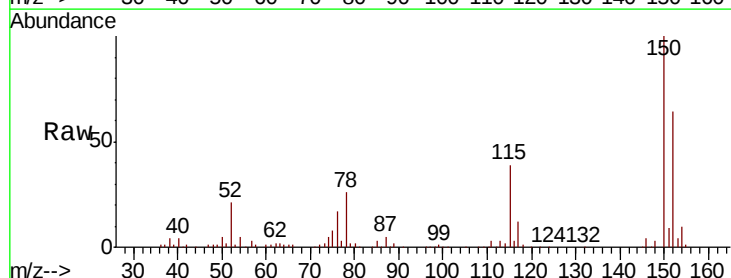
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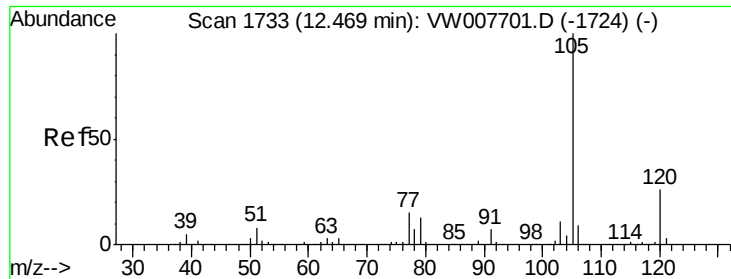
MMDadoda
12/24/2018 3:15:35 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.8	95.4
150	164.6	0.0	350.8





#73

Isopropylbenzene

Concen: 21.276 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

Tgt Ion: 105 Resp: 89635

Ion Ratio Lower Upper

105 100

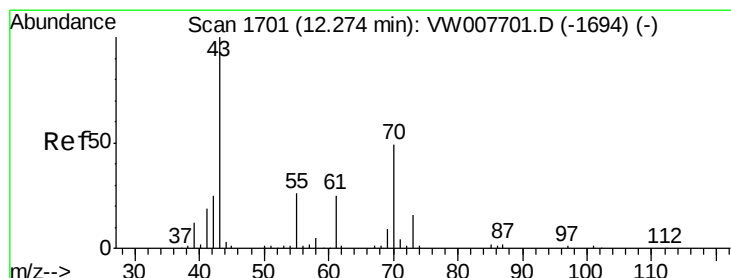
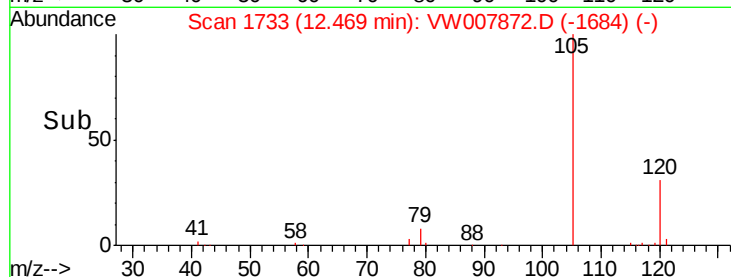
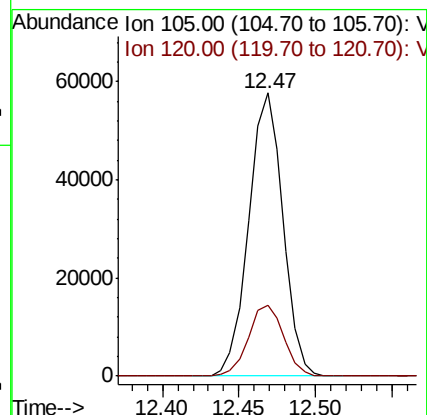
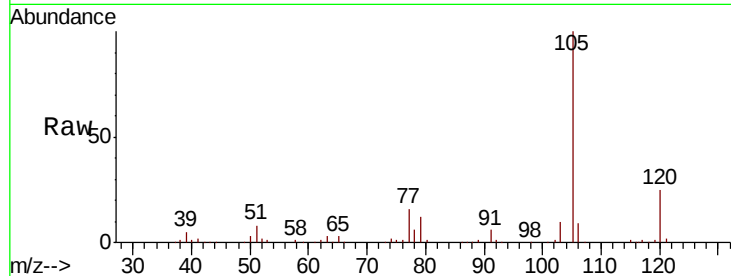
120 25.8 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 23.379 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion: 43 Resp: 17061

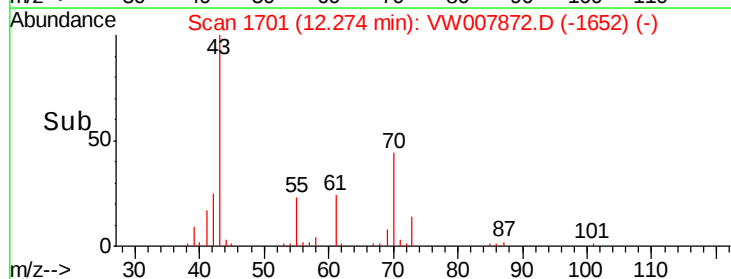
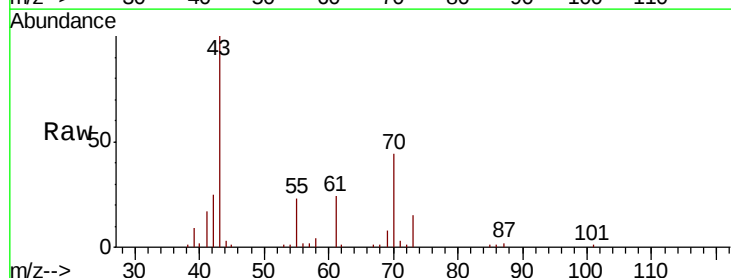
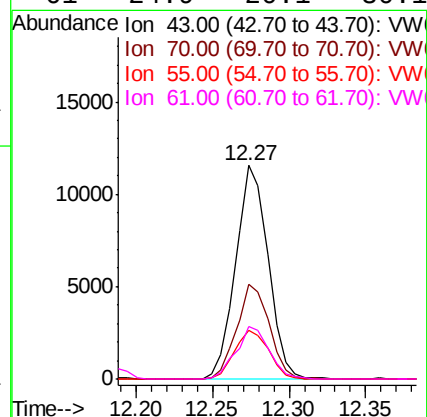
Ion Ratio Lower Upper

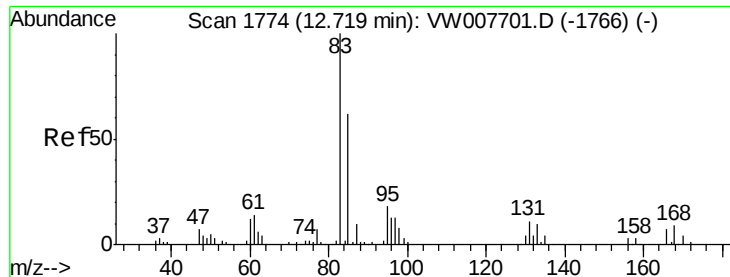
43 100

70 44.4 37.6 56.4

55 24.2 21.7 32.5

61 24.9 20.1 30.1





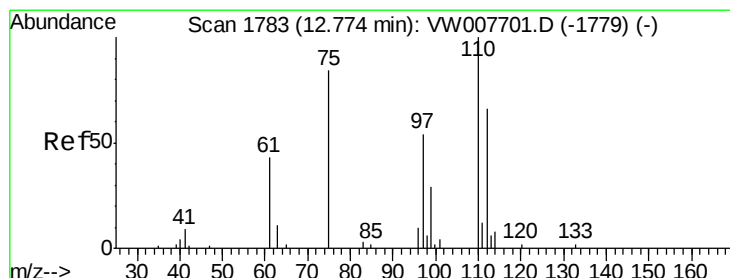
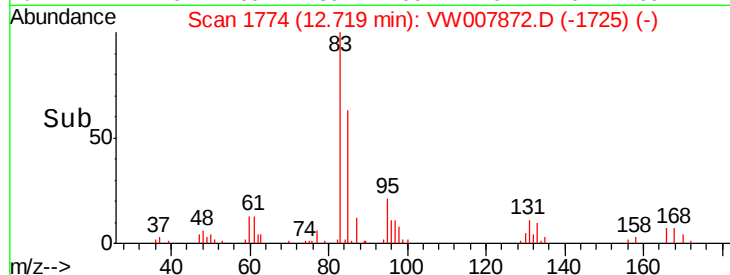
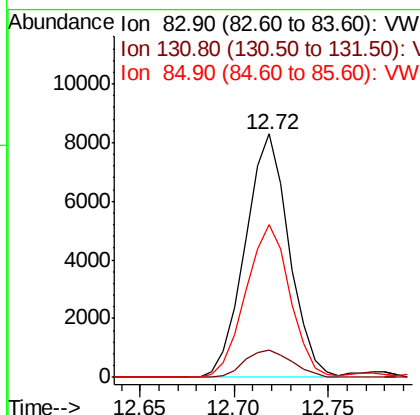
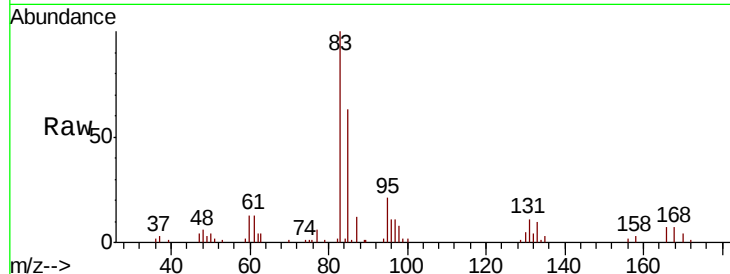
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.190 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	13385		
131	12.0	6.3	18.8	
85	63.3	32.3	96.8	

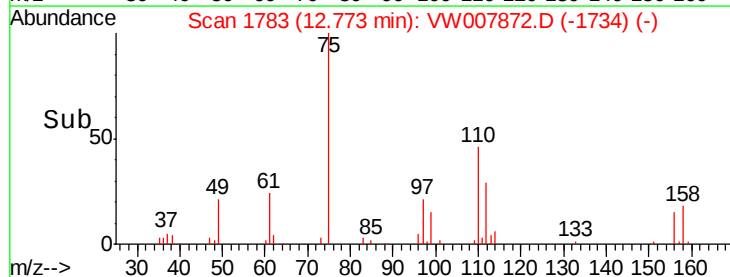
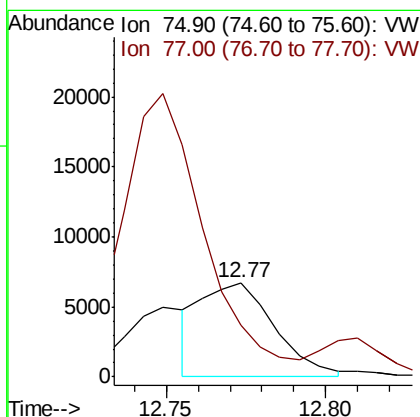
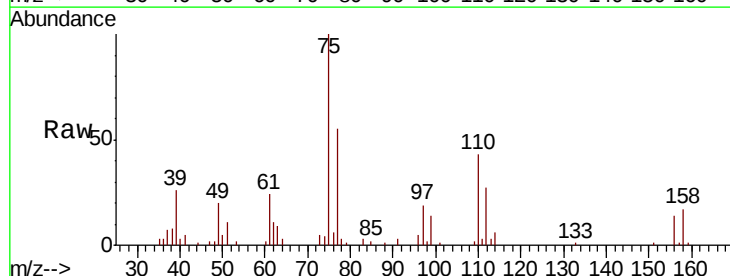
Manual Integrations
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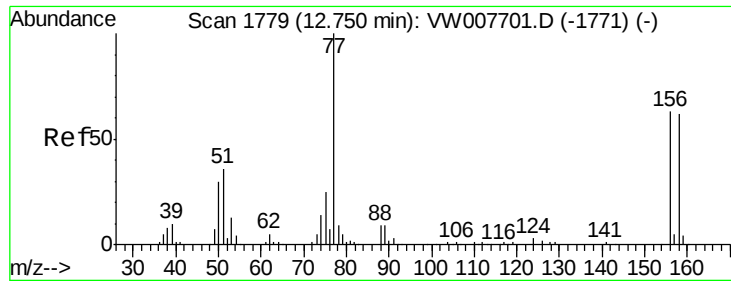
MMDadoda
 12/24/2018 3:15:35 PM



#76
 1,2,3-Trichloropropane
 Concen: 25.041 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10787		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 19.791 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

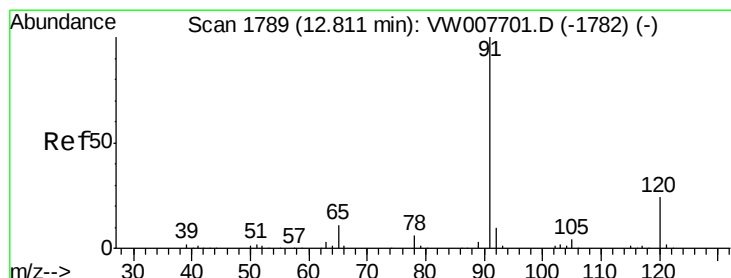
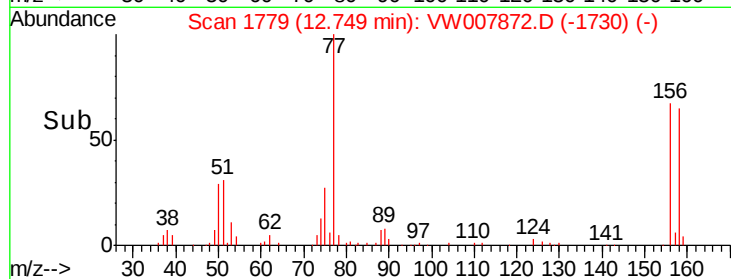
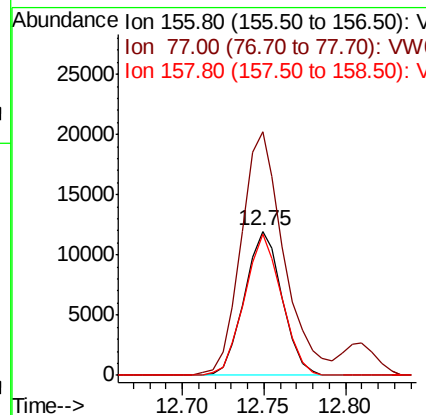
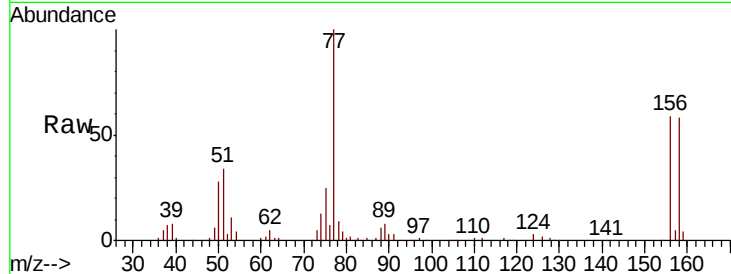
VW1224SBS02

Tgt Ion: 156 Resp: 19108

Ion	Ratio	Lower	Upper
156	100		
77	193.0	87.4	262.1
158	97.8	48.4	145.0

Manual Integrations
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MMDadoda
12/24/2018 3:15:35 PM



#78

n-propylbenzene

Concen: 20.892 ug/l

RT: 12.81 min Scan# 1789

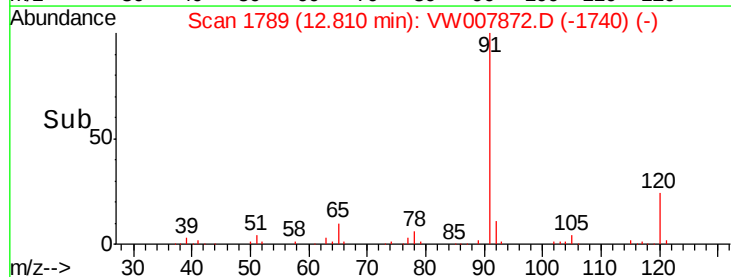
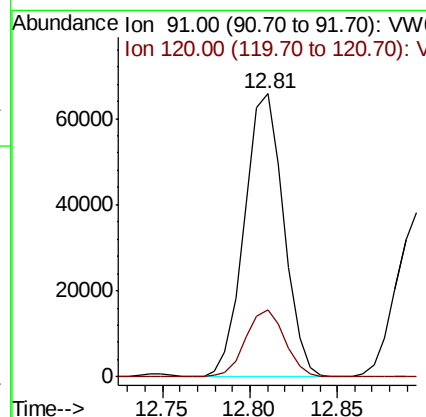
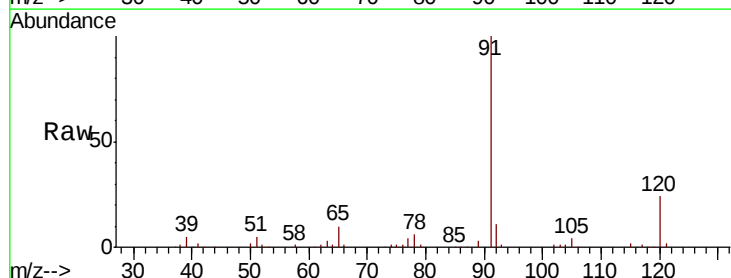
Delta R.T. -0.00 min

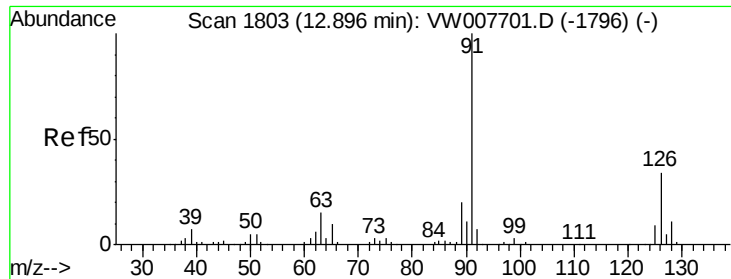
Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion: 91 Resp: 102455

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.7





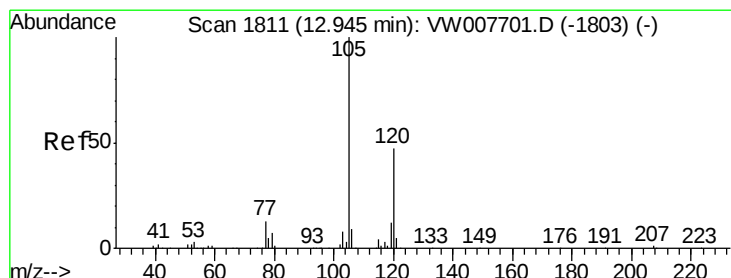
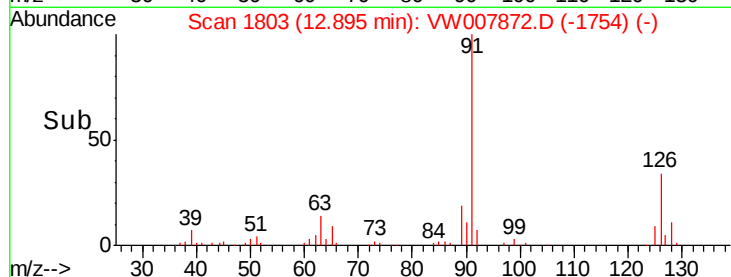
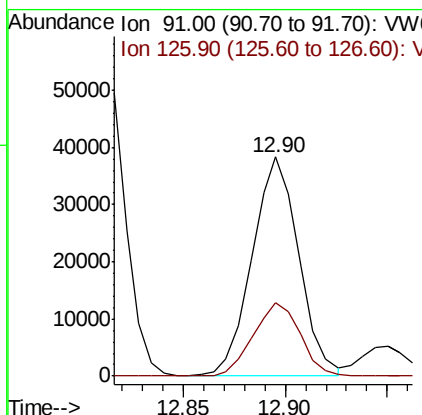
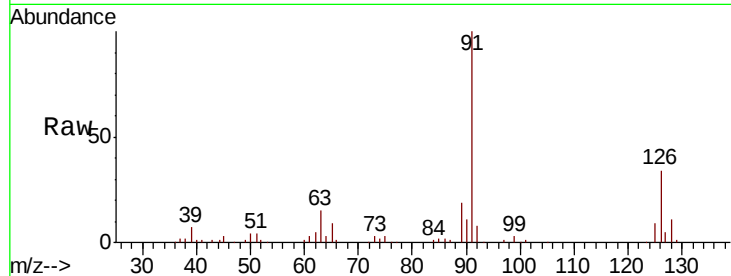
#79
2-Chlorotoluene
Concen: 21.294 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 91 Resp: 60834
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

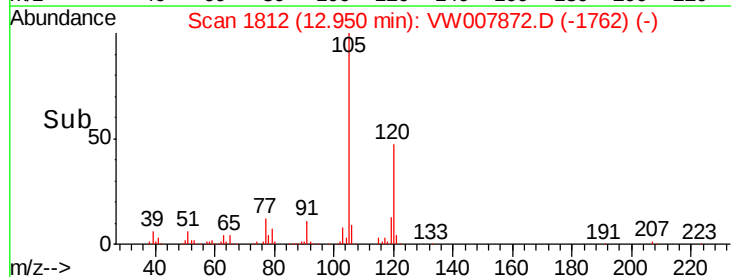
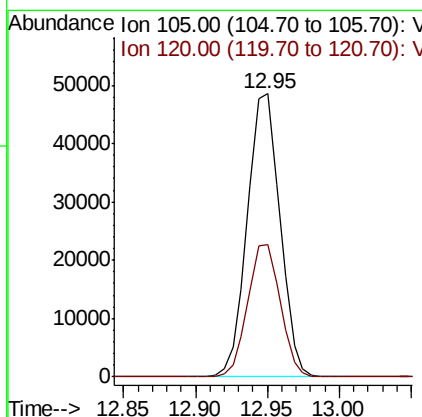
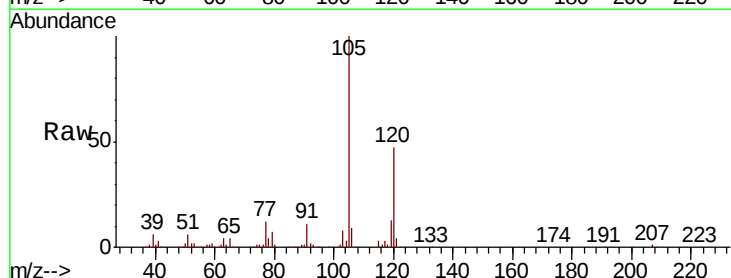
Manual Integrations
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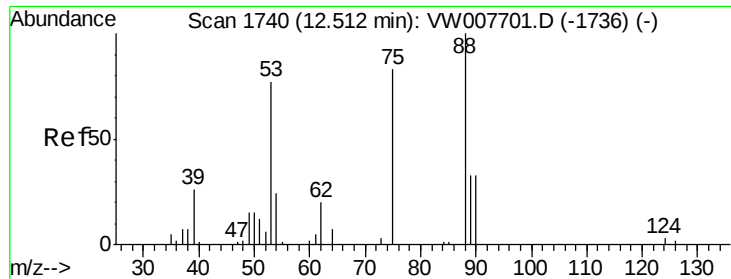
MMDadoda
12/24/2018 3:15:35 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.971 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 105 Resp: 76209
Ion Ratio Lower Upper
105 100
120 46.6 23.6 70.8





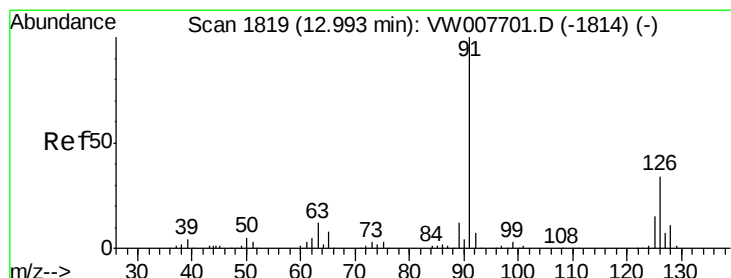
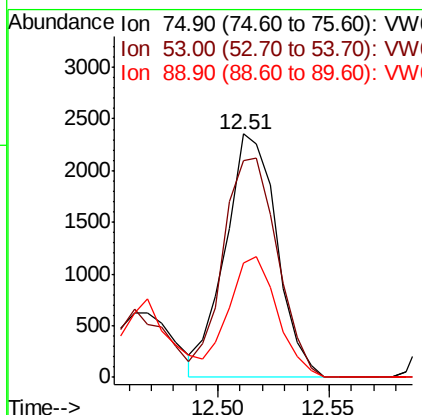
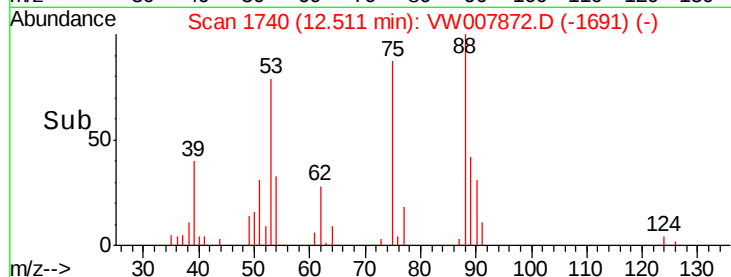
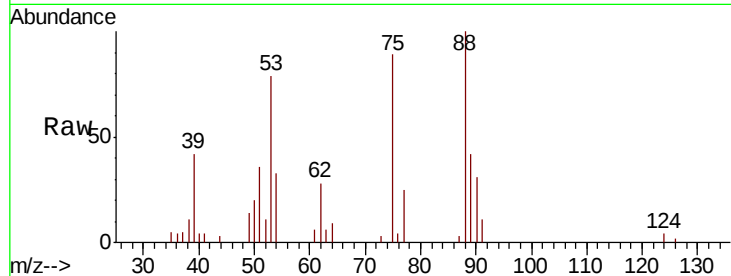
#81
trans-1,4-Dichloro-2-butene
Concen: 18.492 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.4	80.2	120.2
89	46.7	39.2	58.8

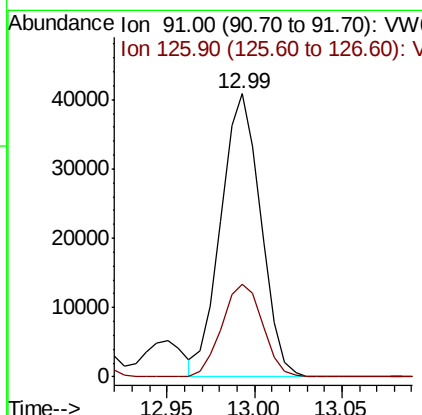
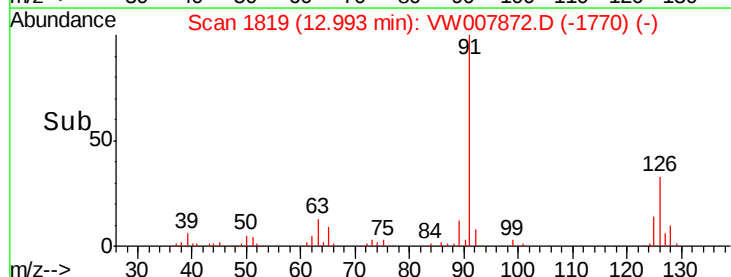
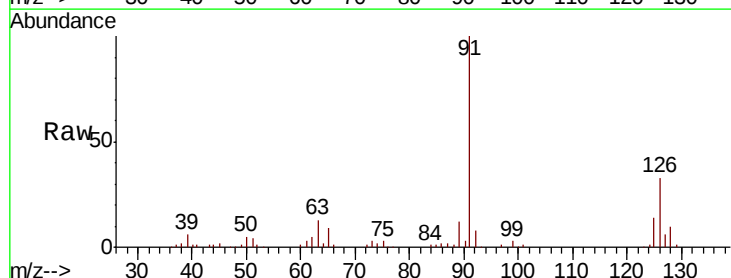
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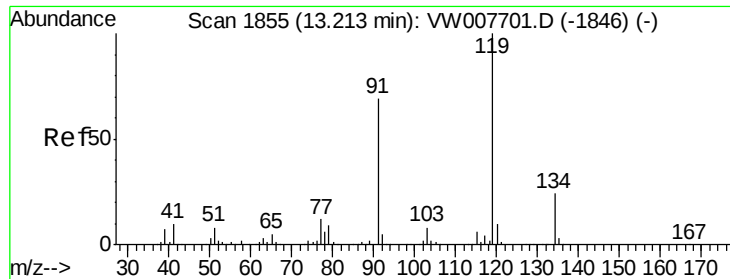
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.281 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.5	49.5





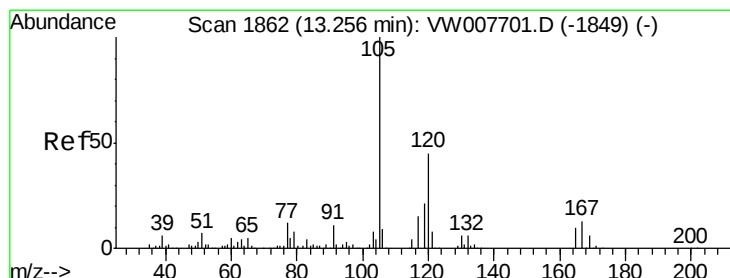
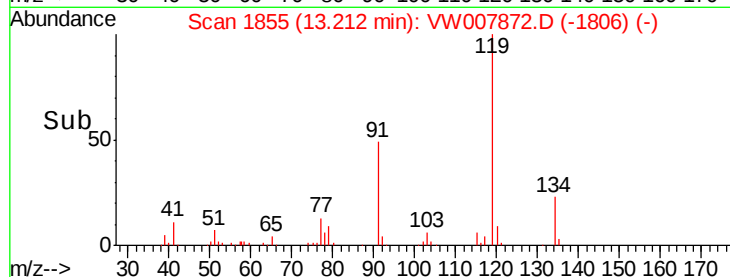
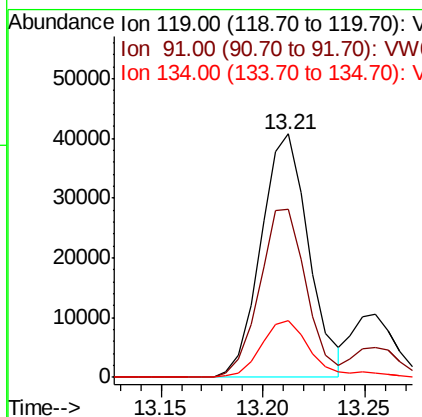
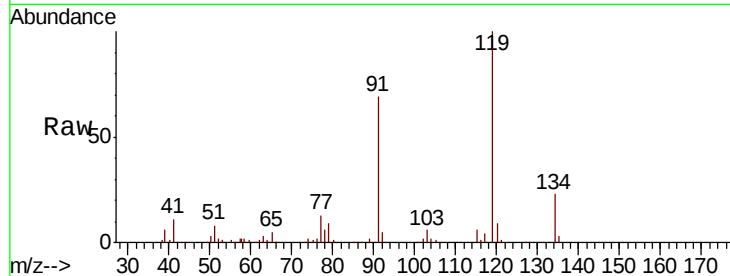
#83
tert-Butylbenzene
Concen: 20.901 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.6	34.2	102.5
134	24.9	12.8	38.4

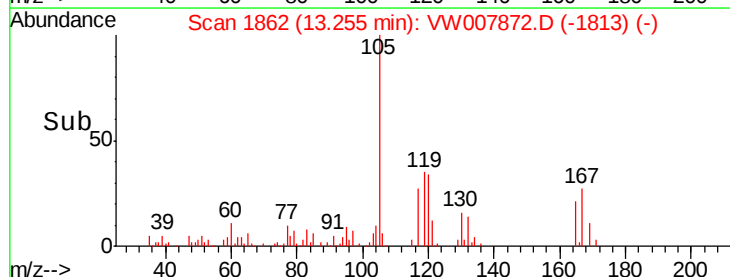
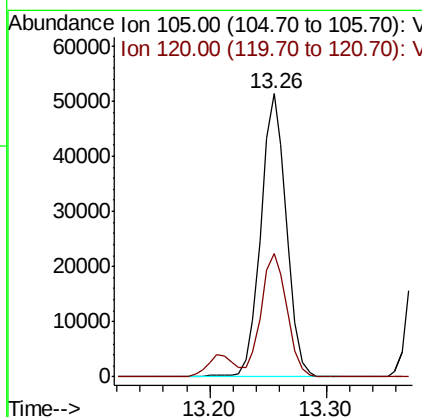
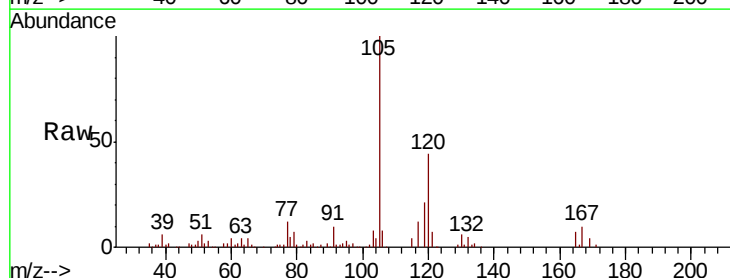
Manual Integrations
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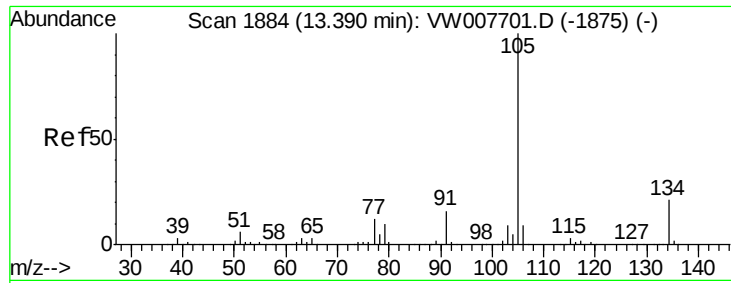
MMDadoda
12/24/2018 3:15:35 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.373 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.0	66.0





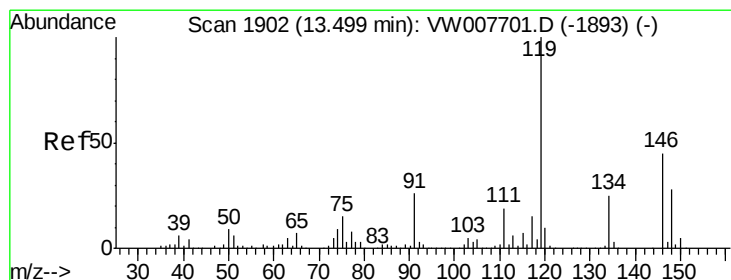
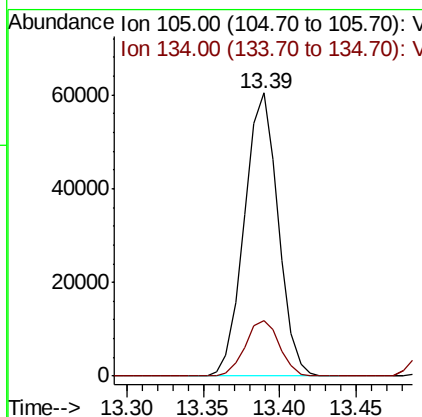
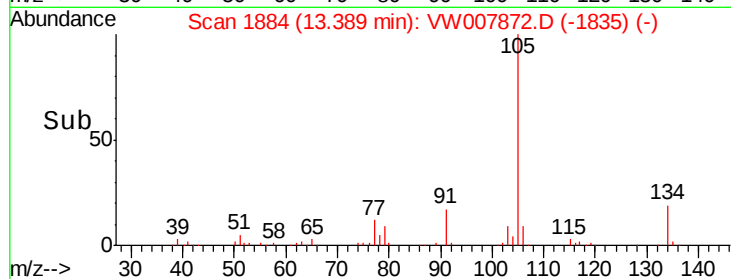
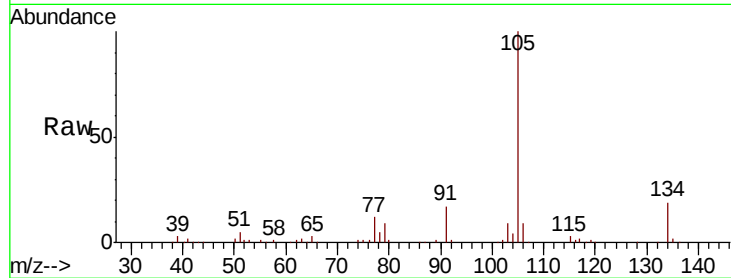
#85
 sec-Butylbenzene
 Concen: 21.084 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion:105 Resp: 92649
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

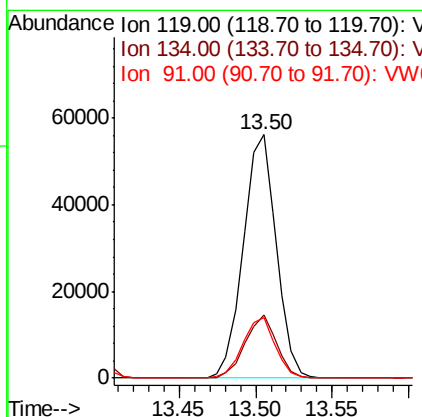
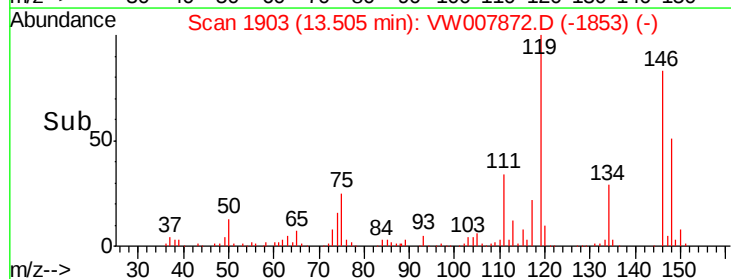
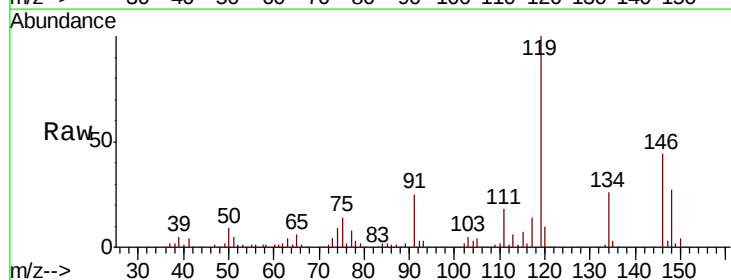
Manual Integrations
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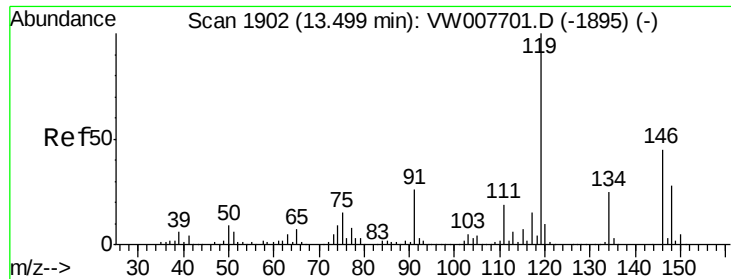
MMDadoda
 12/24/2018 3:15:35 PM



#86
 p-Isopropyltoluene
 Concen: 20.960 ug/l
 RT: 13.50 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion:119 Resp: 83755
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 24.5 12.8 38.4





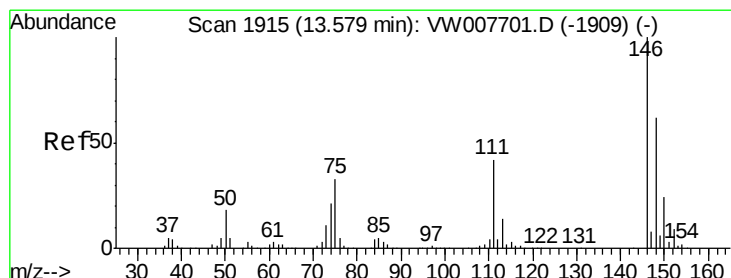
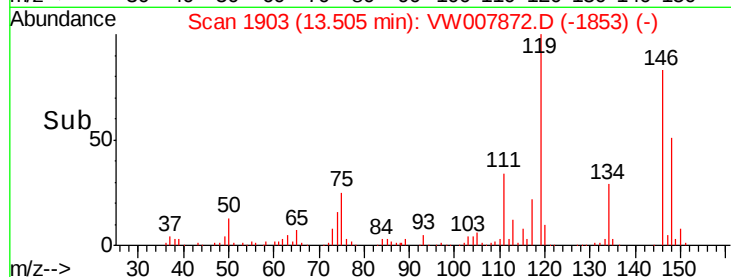
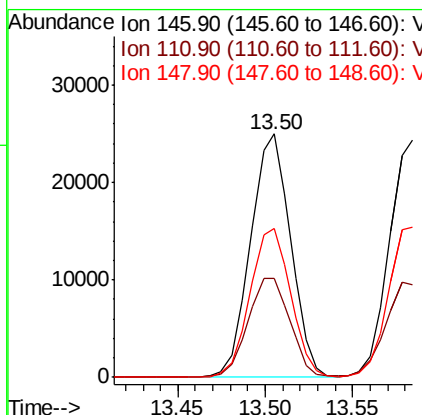
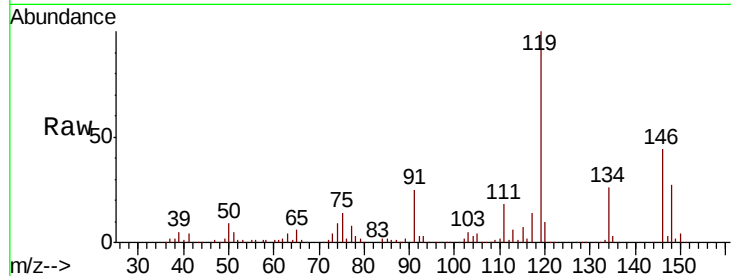
#87
 1,3-Dichlorobenzene
 Concen: 20.786 ug/l
 RT: 13.50 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	62.1	32.1	96.5

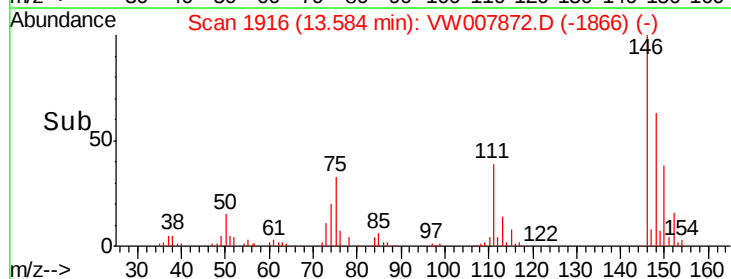
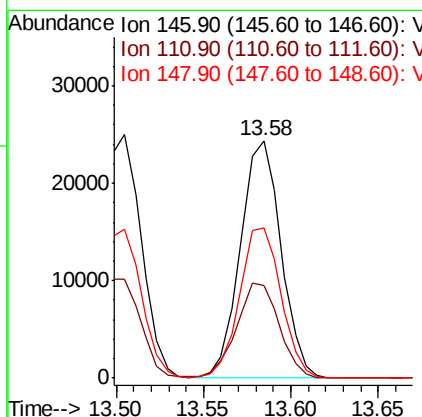
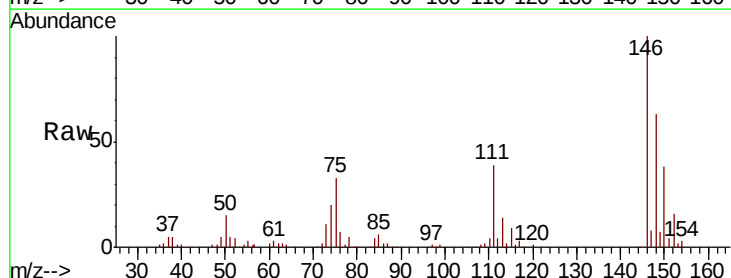
Manual Integrations
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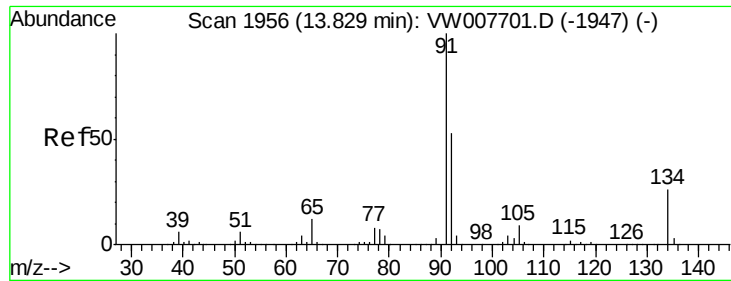
MMDadoda
 12/24/2018 3:15:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.544 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	64.9	31.8	95.4





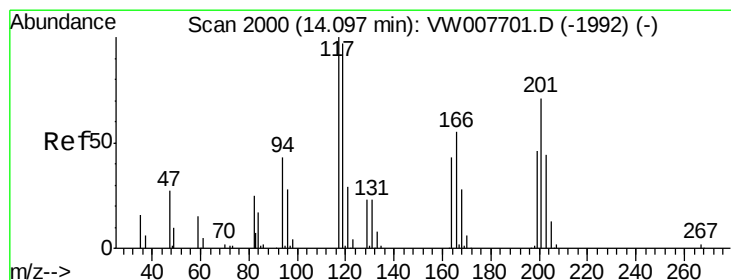
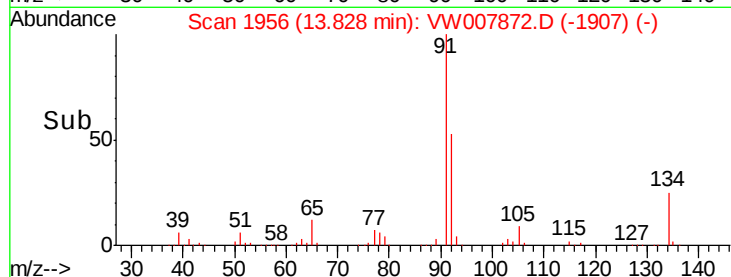
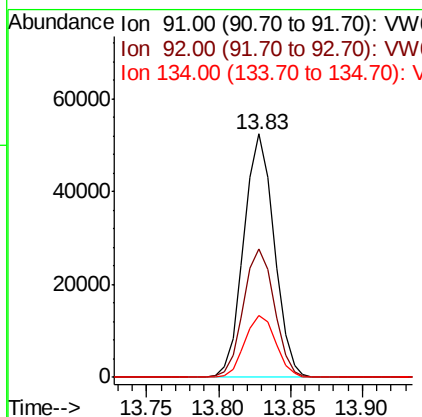
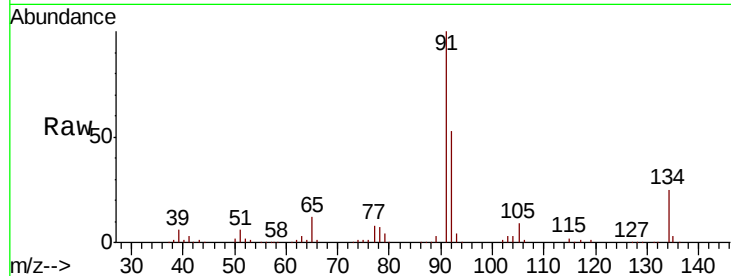
#89
n-Butylbenzene
Concen: 20.936 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 91 Resp: 76703
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.2
134 26.0 13.7 41.0

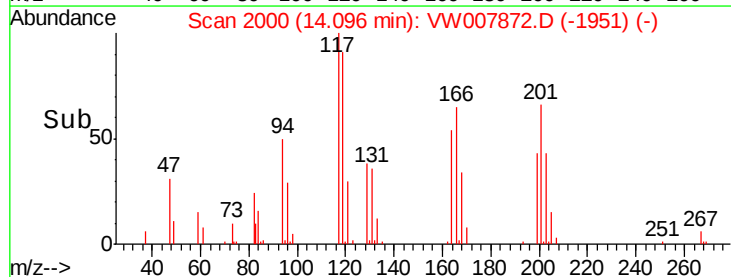
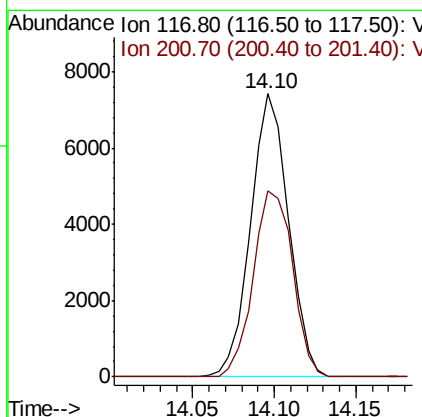
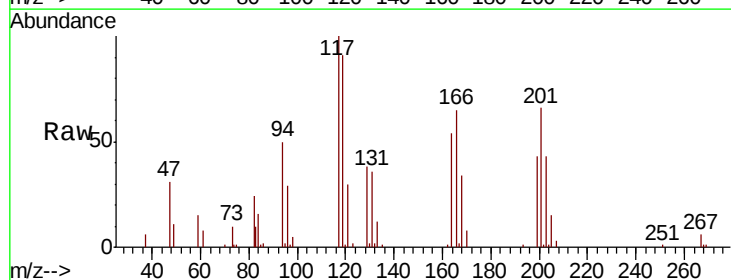
Manual Integrations
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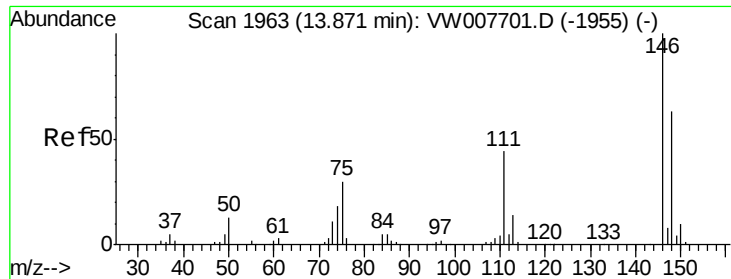
MMDadoda
12/24/2018 3:15:35 PM



#90
Hexachloroethane
Concen: 17.080 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 117 Resp: 11982
Ion Ratio Lower Upper
117 100
201 68.2 36.2 108.6





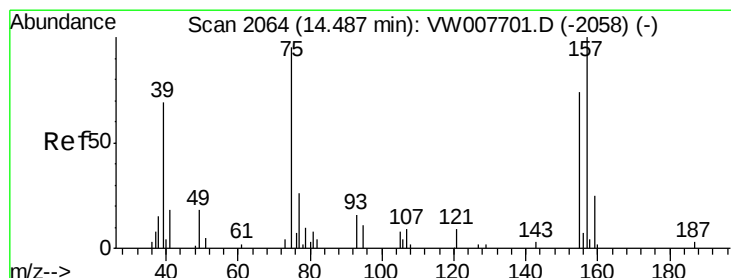
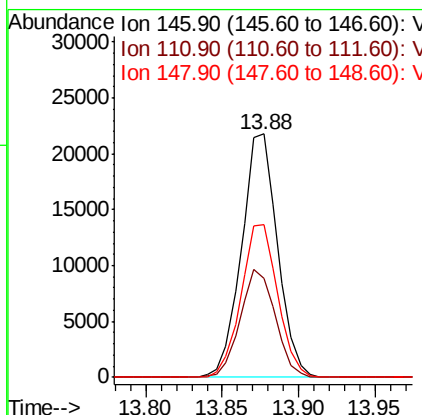
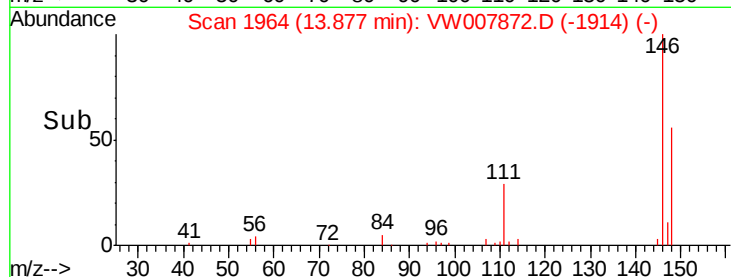
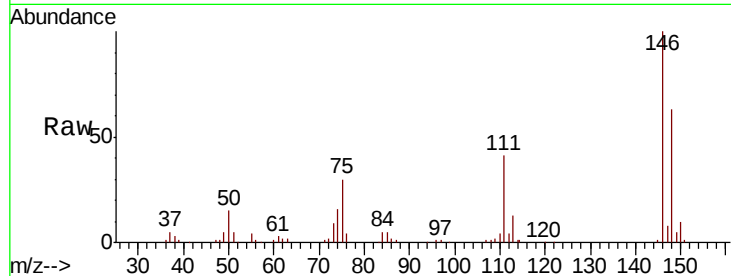
#91
 1,2-Dichlorobenzene
 Concen: 20.728 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.7	65.1
148	63.9	32.1	96.5

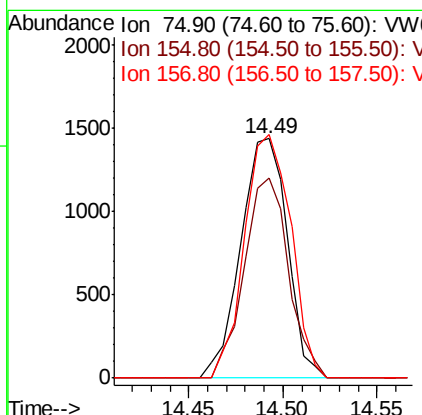
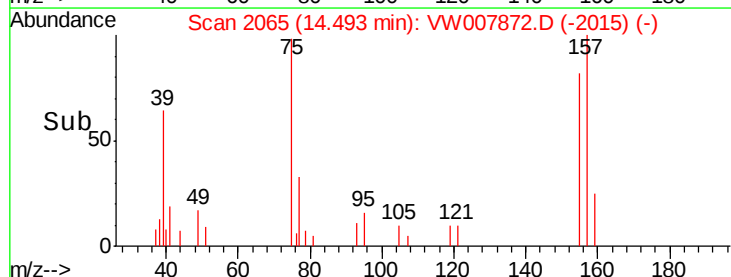
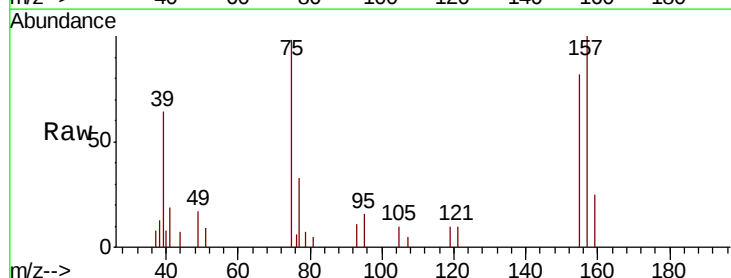
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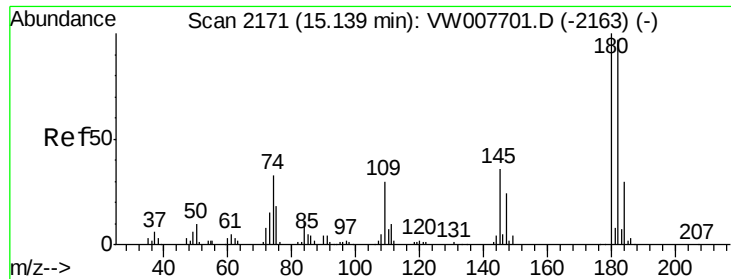
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.933 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	39.4	118.1
157	101.3	52.0	156.0





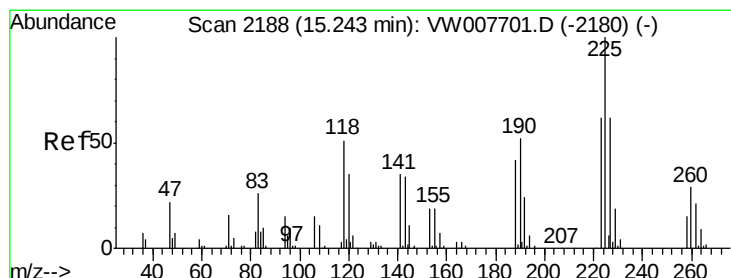
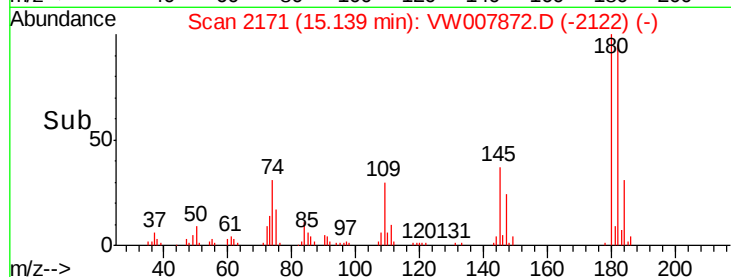
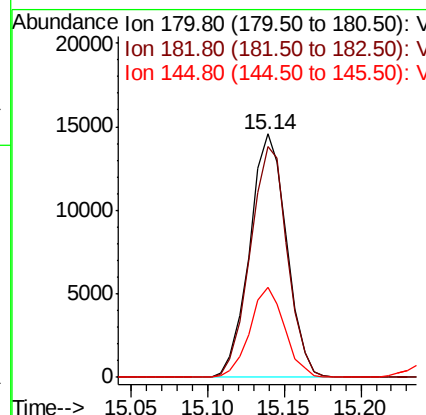
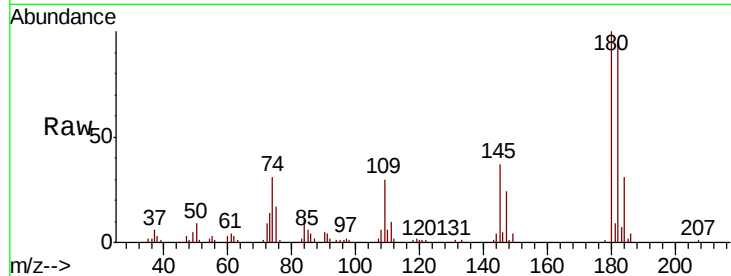
#93
 1,2,4-Trichlorobenzene
 Concen: 20.550 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	24483		
182	94.9	47.5	142.6	
145	34.9	17.5	52.5	

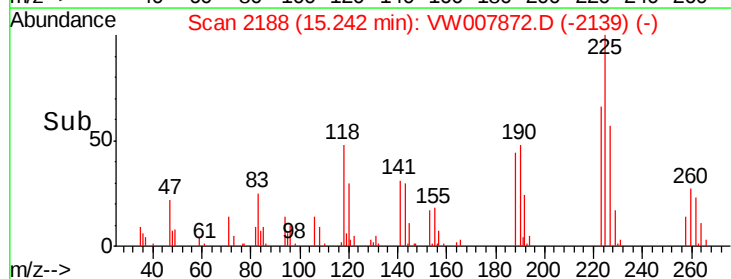
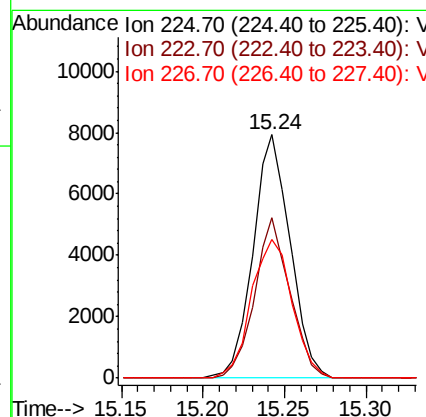
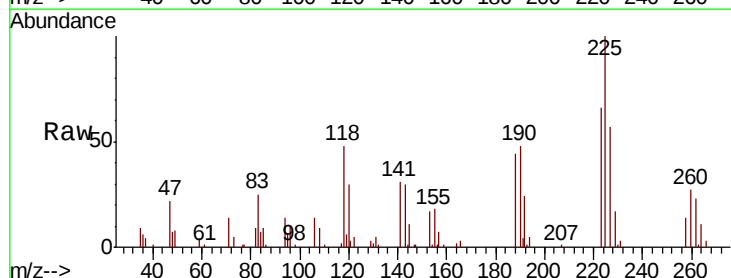
Manual Integrations
 APPROVED

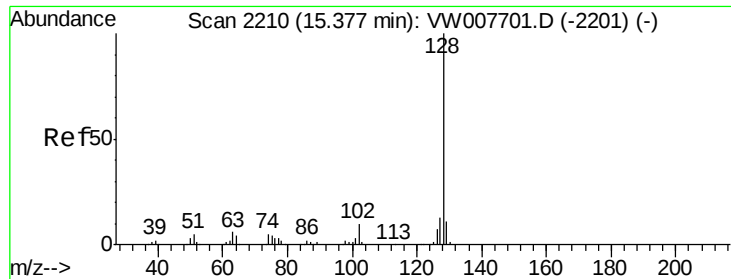
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 19.706 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12547		
223	62.9	31.6	94.8	
227	62.7	32.1	96.3	





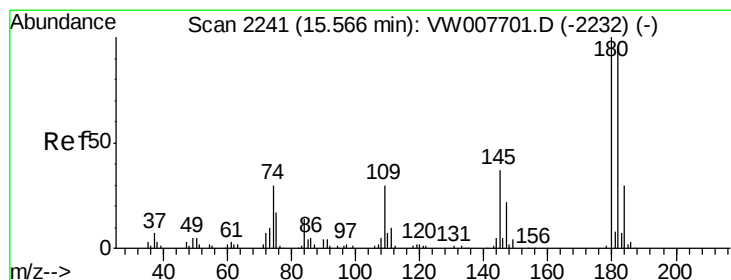
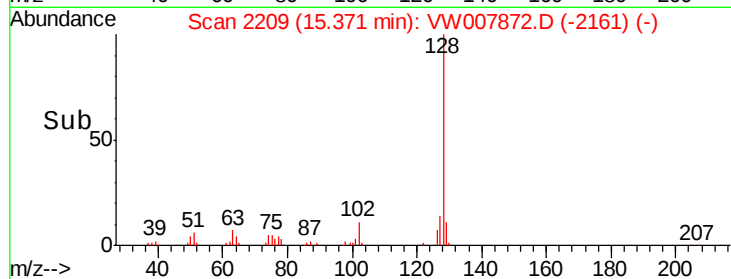
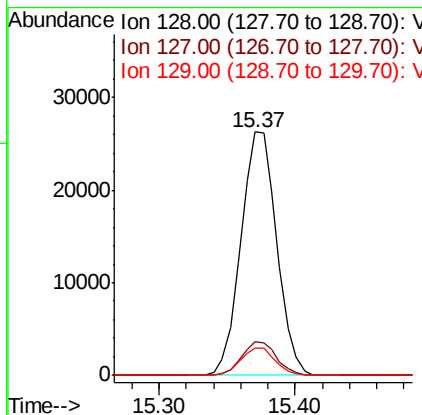
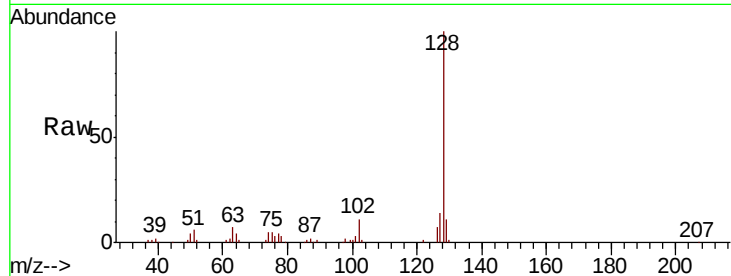
#95
Naphthalene
Concen: 21.947 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.0	8.8	13.2

Manual Integrations
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12/24/2018 3:15:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.563 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	36.0	18.4	55.0

