

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006762.D
 Acq On : 08 Nov 2018 13:40
 Operator : SY/AP
 Sample : VW1108SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 1:37:39 PM

Quant Time: Nov 09 11:29:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	119726	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	7.88	113	132256	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.32	98	503382	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	176791	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34681	22.235	ug/l	98
3) Chloromethane	2.21	50	38582	19.993	ug/l	98
4) Vinyl Chloride	2.37	62	60161	22.327	ug/l	99
5) Bromomethane	2.79	94	47637	21.065	ug/l	99
6) Chloroethane	2.93	64	39093	20.764	ug/l	100
7) Trichlorofluoromethane	3.26	101	54964	23.099	ug/l	97
8) Diethyl Ether	3.67	74	25116	19.309	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57244	22.529	ug/l	99
10) Methyl Iodide	4.26	142	88767	19.267	ug/l	99
11) Tert butyl alcohol	5.23	59	12814	91.958	ug/l #	96
12) 1,1-Dichloroethene	4.03	96	52950	21.576	ug/l	98
13) Acrolein	3.90	56	13772	78.580	ug/l	97
14) Allyl chloride	4.67	41	66082	20.628	ug/l	100
15) Acrylonitrile	5.38	53	45537	97.637	ug/l	99
16) Acetone	4.15	43	53483	128.087	ug/l	99
17) Carbon Disulfide	4.37	76	151126	21.640	ug/l	99
18) Methyl Acetate	4.68	43	21828	18.180	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70642	19.338	ug/l	99
20) Methylene Chloride	4.91	84	59230	18.074	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59180	21.311	ug/l	95
22) Diisopropyl ether	6.31	45	134751	20.177	ug/l	97
23) Vinyl Acetate	6.26	43	367605	99.259	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94759	20.936	ug/l	99
25) 2-Butanone	7.18	43	65435	109.821	ug/l	99
26) 2,2-Dichloropropane	7.16	77	65581	24.053	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	62774	20.205	ug/l	98
28) Bromochloromethane	7.51	49	37109	20.647	ug/l	97
29) Tetrahydrofuran	7.54	42	34616	92.367	ug/l	99
30) Chloroform	7.68	83	101584	20.471	ug/l	99
31) Cyclohexane	7.96	56	86155	20.914	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	91291	21.741	ug/l	99
36) 1,1-Dichloropropene	8.09	75	81745	22.415	ug/l	99
37) Ethyl Acetate	7.26	43	25189	19.931	ug/l	99
38) Carbon Tetrachloride	8.07	117	88257	23.160	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105201	22.731	ug/l	97
40) Benzene	8.32	78	227436	21.956	ug/l	98
41) Methacrylonitrile	7.49	41	15437	19.920	ug/l	99
42) 1,2-Dichloroethane	8.40	62	62832	21.150	ug/l	99
43) Isopropyl Acetate	8.43	43	50524	20.034	ug/l	100
44) Trichloroethene	9.09	130	69639	21.786	ug/l	95
45) 1,2-Dichloropropane	9.37	63	52160	21.637	ug/l	96
46) Dibromomethane	9.46	93	29826	21.048	ug/l	99
47) Bromodichloromethane	9.65	83	70080	21.299	ug/l	100
48) Methyl methacrylate	9.44	41	23658	19.471	ug/l	98
49) 1,4-Dioxane	9.49	88	8187	394.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	131274	101.353	ug/l	99
52) Toluene	10.39	92	150709	21.692	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66837	21.107	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79325	21.198	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42287	21.032	ug/l	94
56) Ethyl methacrylate	10.65	69	44417	19.436	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68539	20.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	115715	104.164	ug/l	99
59) 2-Hexanone	10.98	43	97295	110.600	ug/l	100
60) Dibromochloromethane	11.13	129	50233	21.087	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41388	20.729	ug/l	99
64) Tetrachloroethene	10.87	164	64011	20.977	ug/l	96
65) Chlorobenzene	11.66	112	174105	21.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	60526	21.378	ug/l	99
67) Ethyl Benzene	11.74	91	295535	21.950	ug/l	98
68) m/p-Xylenes	11.84	106	236150	43.901	ug/l	99
69) o-Xylene	12.17	106	109641	21.410	ug/l	99
70) Styrene	12.18	104	176218	21.106	ug/l	99
71) Bromoform	12.35	173	31102	20.724	ug/l #	98
73) Isopropylbenzene	12.47	105	306306	21.339	ug/l	100
74) N-amyl acetate	12.28	43	47772	19.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47530	20.965	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31289m	18.404	ug/l	
77) Bromobenzene	12.75	156	78280	21.063	ug/l	99
78) n-propylbenzene	12.81	91	363163	21.996	ug/l	99
79) 2-Chlorotoluene	12.90	91	201834	21.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	259851	21.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11935	19.874	ug/l	93
82) 4-Chlorotoluene	12.99	91	214161	21.364	ug/l	100
83) tert-Butylbenzene	13.21	119	230296	21.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	263536	21.306	ug/l	100
85) sec-Butylbenzene	13.39	105	331923	22.037	ug/l	100
86) p-Isopropyltoluene	13.51	119	299687	21.867	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	157087	21.462	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	156591	21.584	ug/l	100
89) n-Butylbenzene	13.83	91	270841	22.263	ug/l	100
90) Hexachloroethane	14.10	117	49289	21.882	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	139542	21.195	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7190	19.545	ug/l	96

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MSVOA_W
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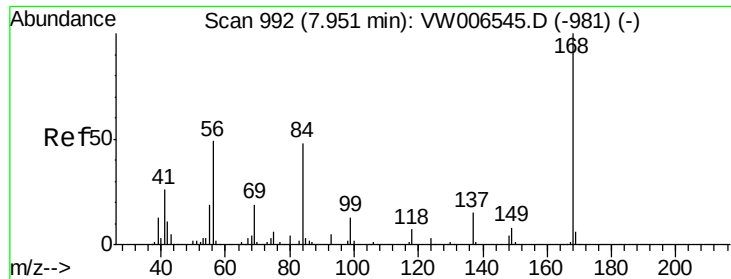
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101364	20.706	ug/l	99
94) Hexachlorobutadiene	15.24	225	67380	22.084	ug/l	100
95) Naphthalene	15.38	128	152123	19.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	88236	20.508	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. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion:168 Resp: 300872

Ion Ratio Lower Upper

168 100

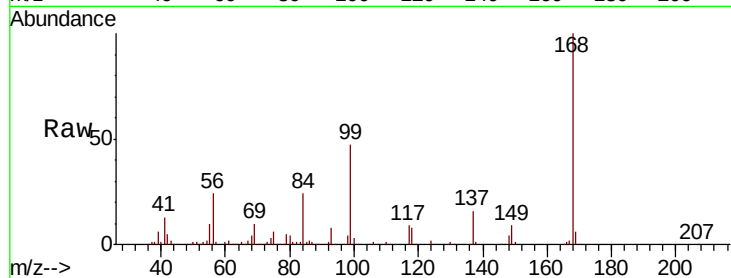
99 46.6 37.4 56.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

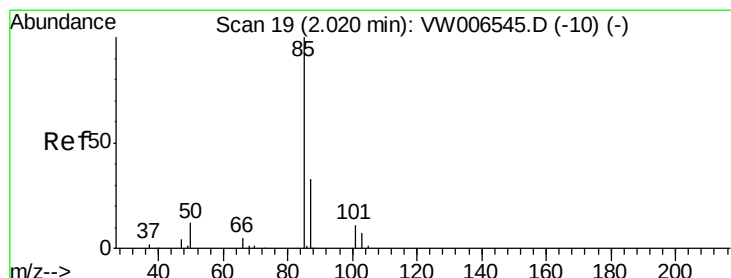
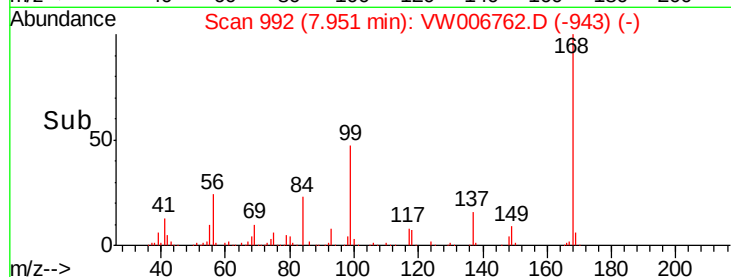
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.235 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006762.D

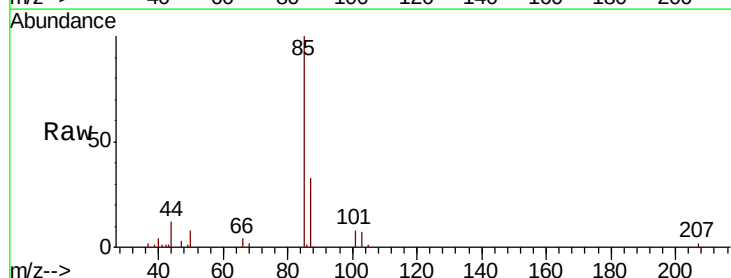
Acq: 08 Nov 2018 13:40

Tgt Ion: 85 Resp: 34681

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

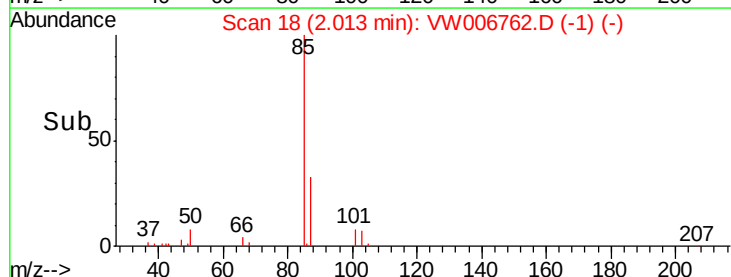
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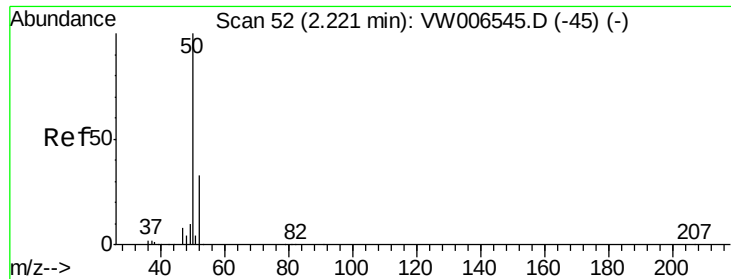
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.993 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion: 50 Resp: 38582

Ion Ratio Lower Upper

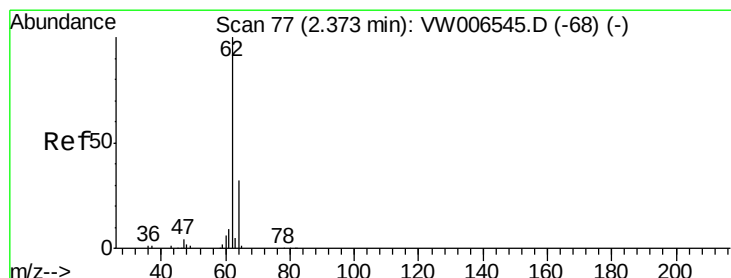
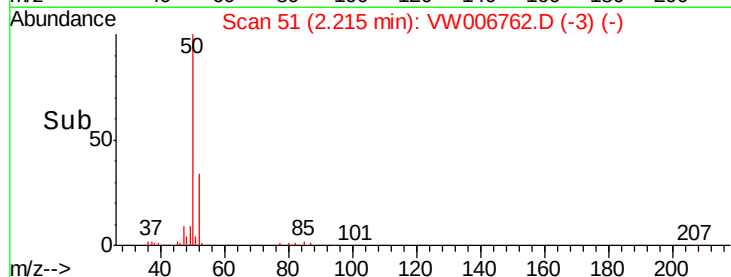
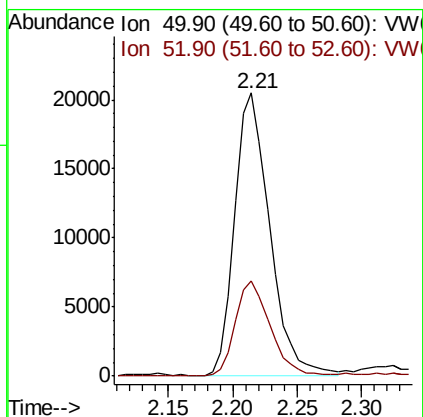
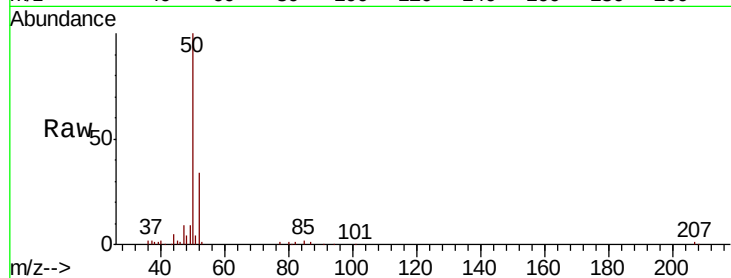
50 100

52 33.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 22.327 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006762.D

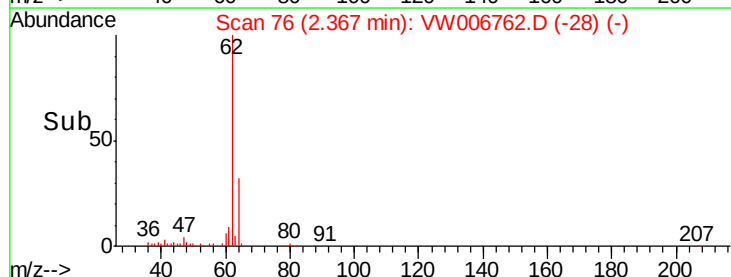
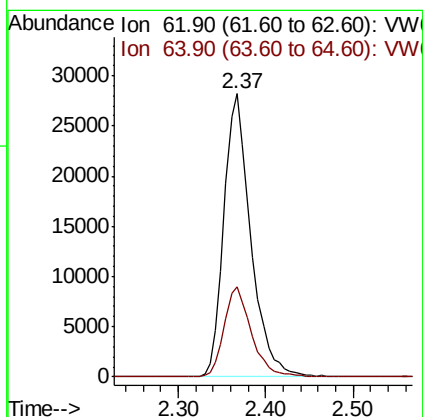
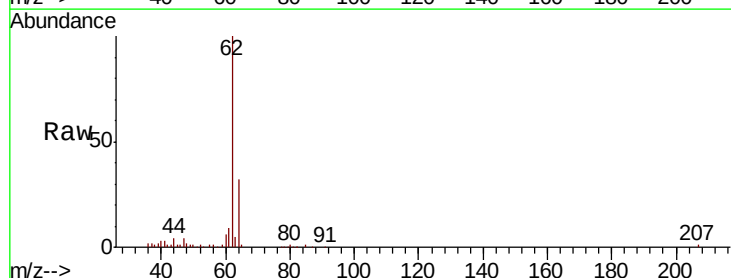
Acq: 08 Nov 2018 13:40

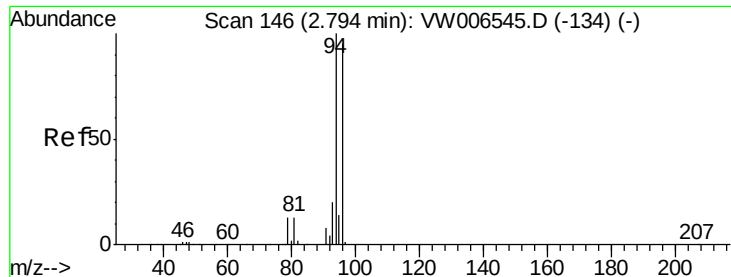
Tgt Ion: 62 Resp: 60161

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 21.065 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion: 94 Resp: 47637

Ion Ratio Lower Upper

94 100

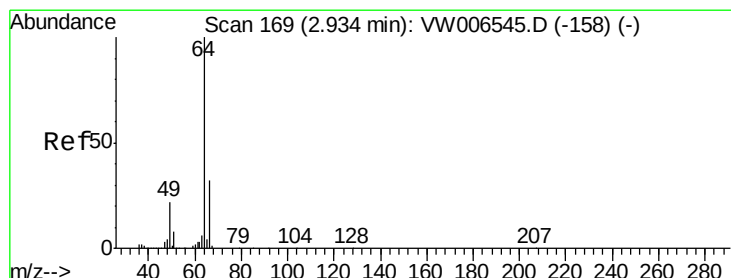
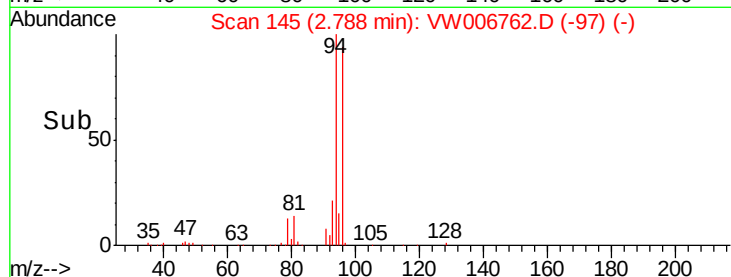
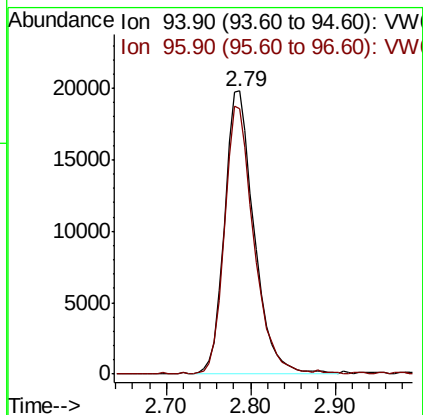
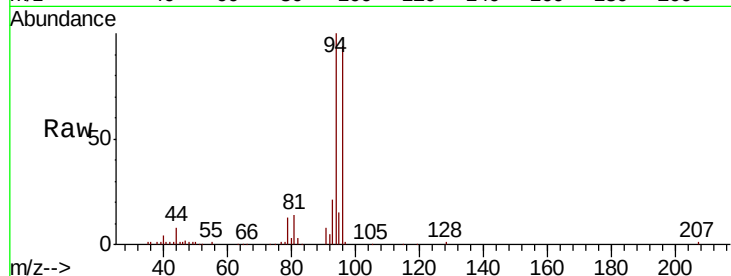
96 93.6 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 20.764 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006762.D

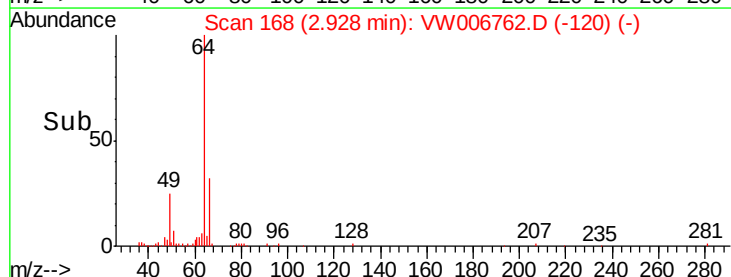
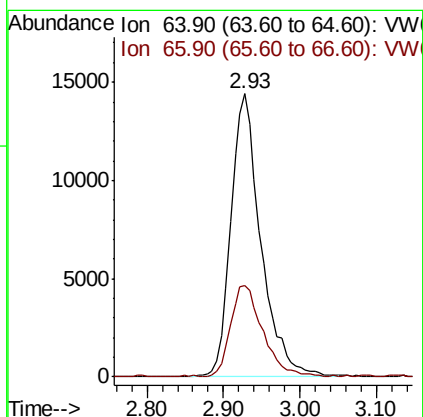
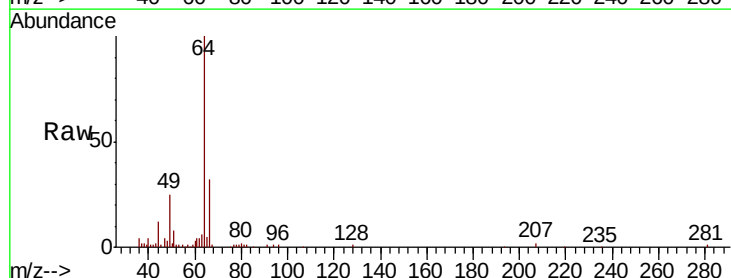
Acq: 08 Nov 2018 13:40

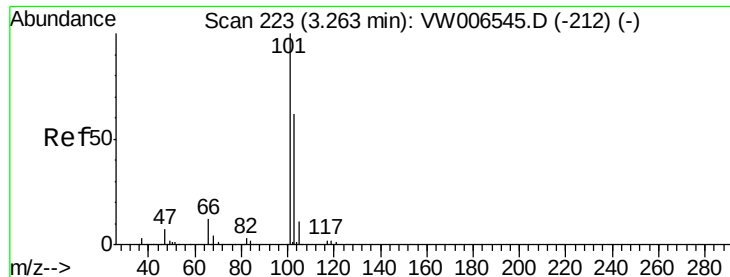
Tgt Ion: 64 Resp: 39093

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

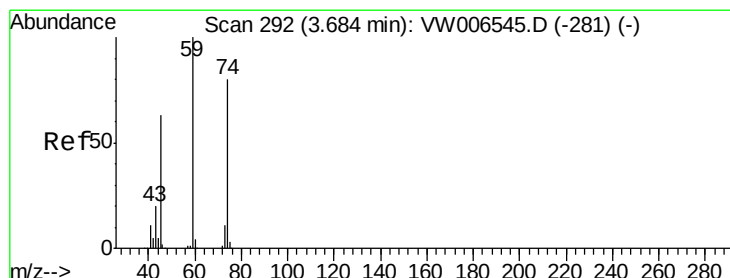
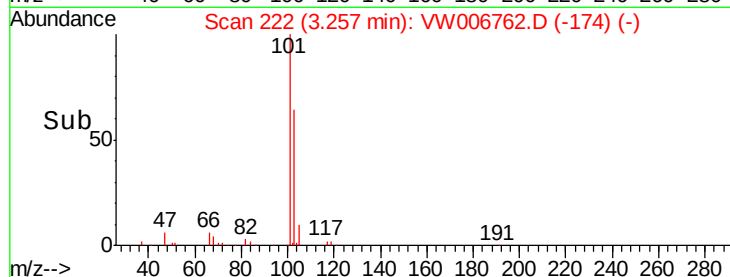
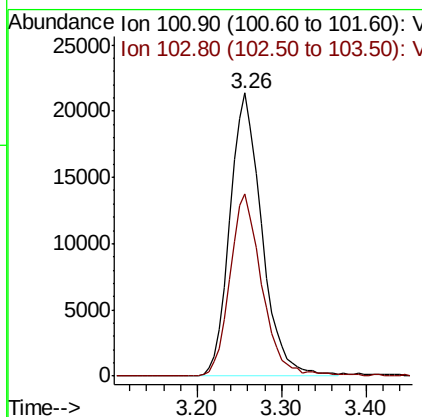
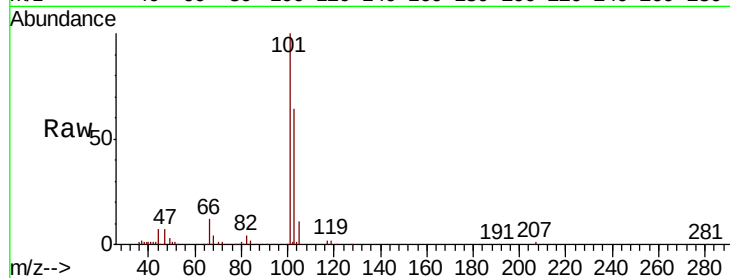
Trichlorofluoromethane
 Concen: 23.099 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
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 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	49.8	74.8

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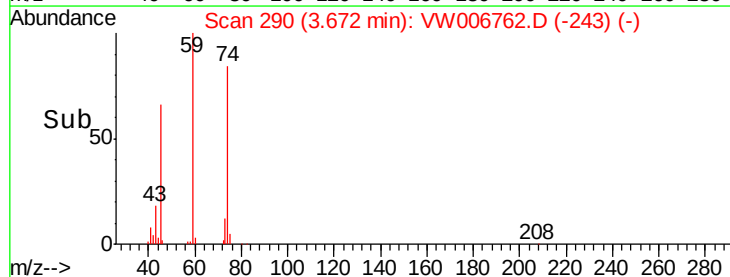
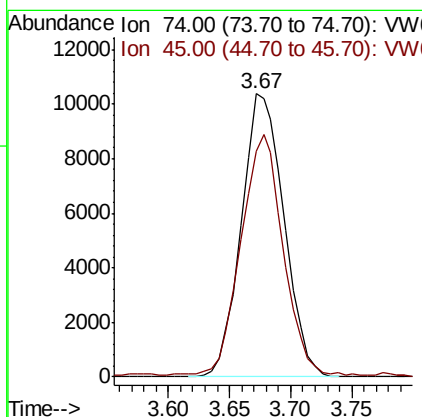
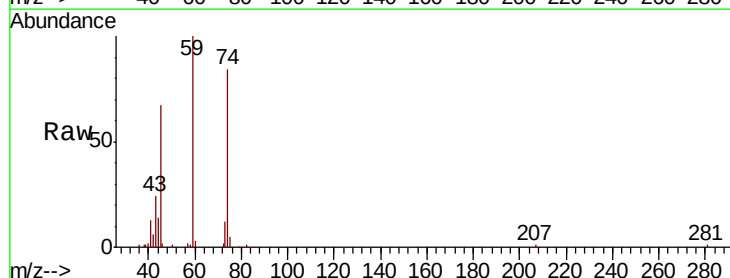
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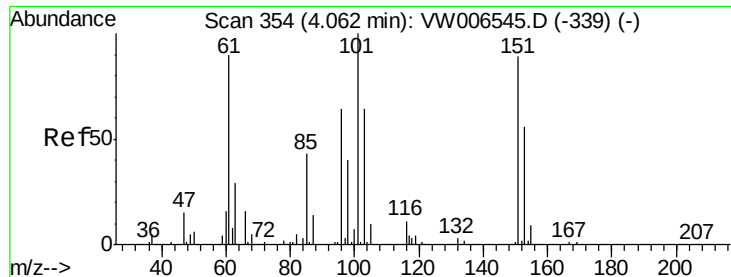


#8

Diethyl Ether
 Concen: 19.309 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.6	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.529 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

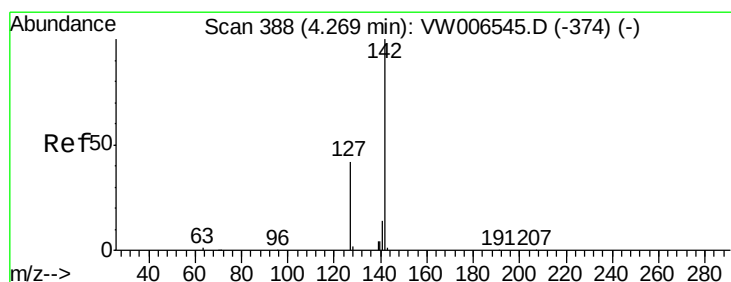
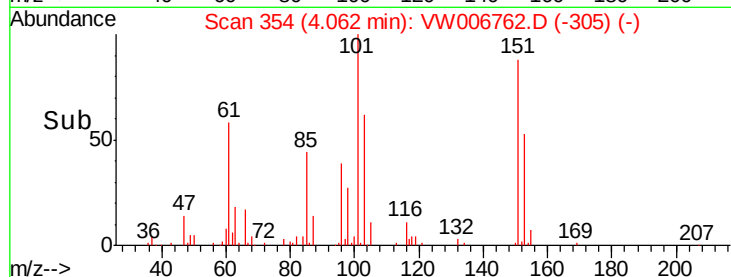
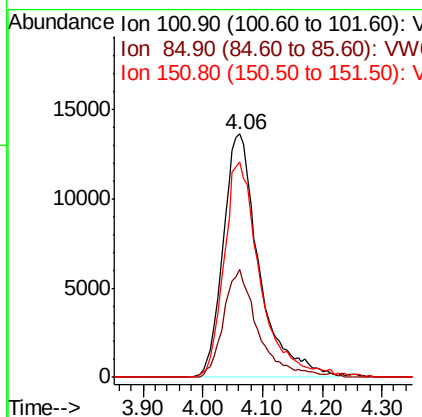
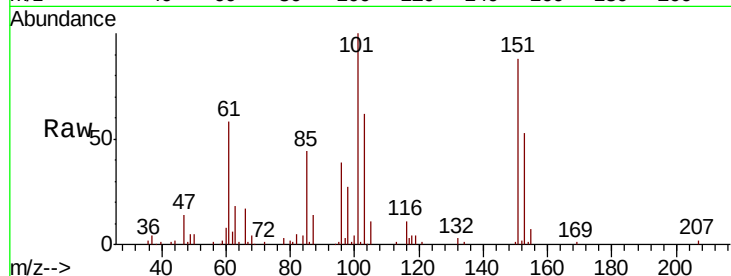
ClientSampleId :

VW1108SBS01

Tot Ion:	101	Resp:	57244
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.2
151	89.1	70.7	106.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.267 ug/l

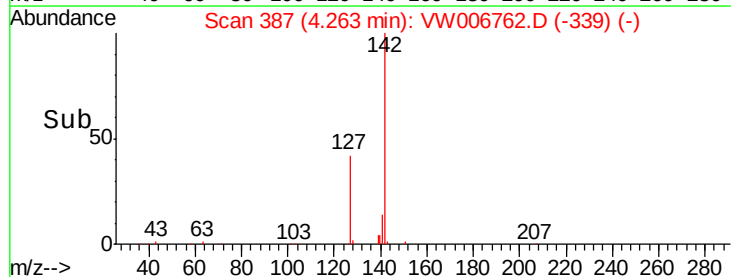
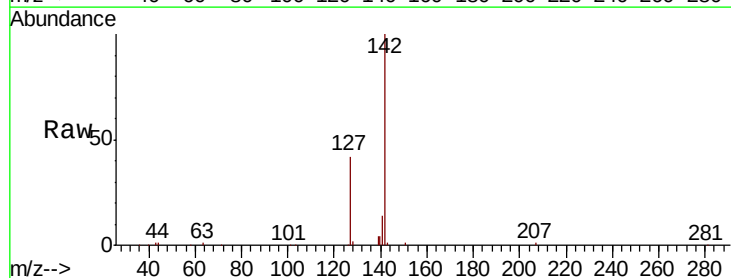
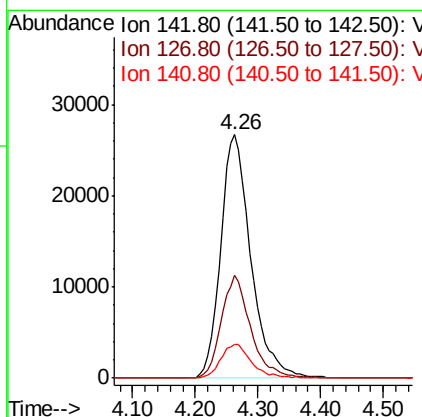
RT: 4.26 min Scan# 387

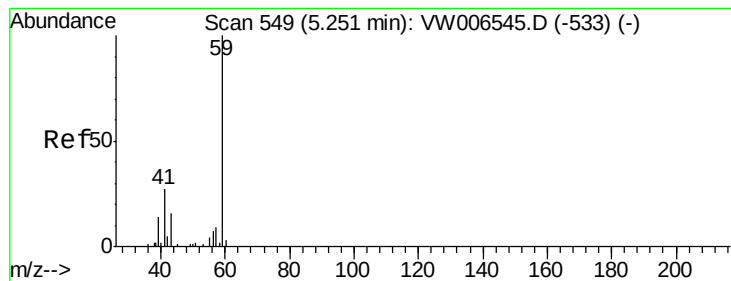
Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion:	142	Resp:	88767
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.3	48.5
141	14.3	11.3	16.9





#11

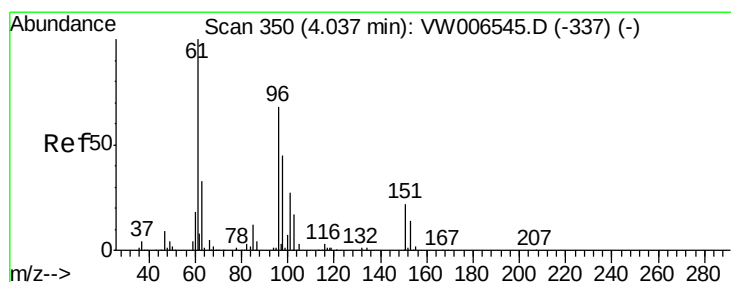
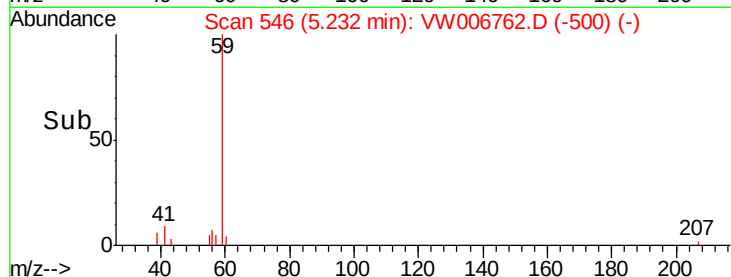
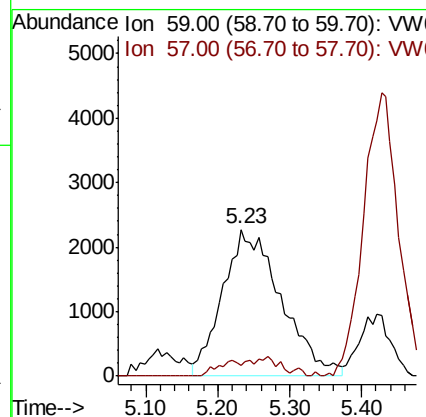
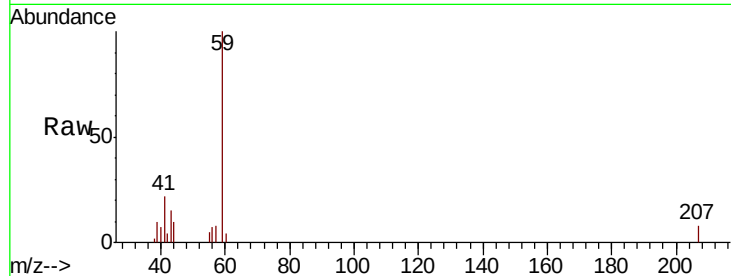
Tert butyl alcohol
 Concen: 91.958 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	4.3	6.5#

Manual Integrations
 APPROVED

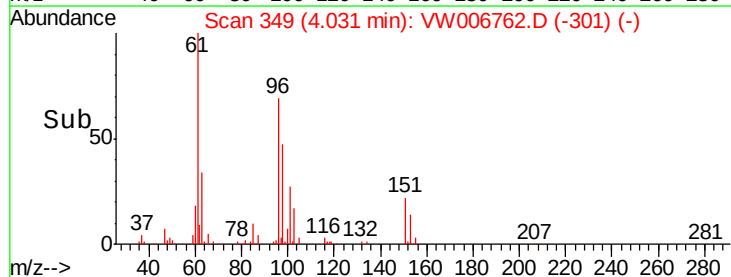
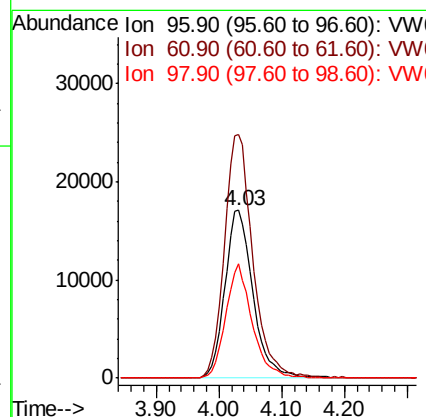
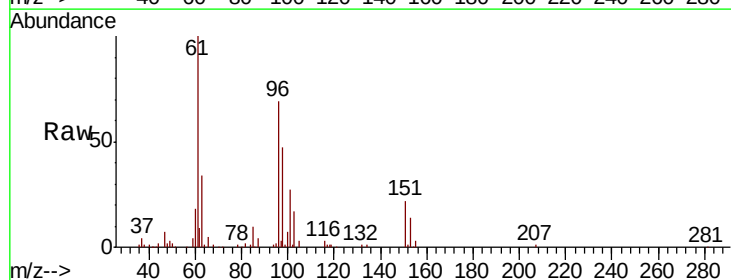
MMDadoda
 11/9/2018 1:37:39 PM

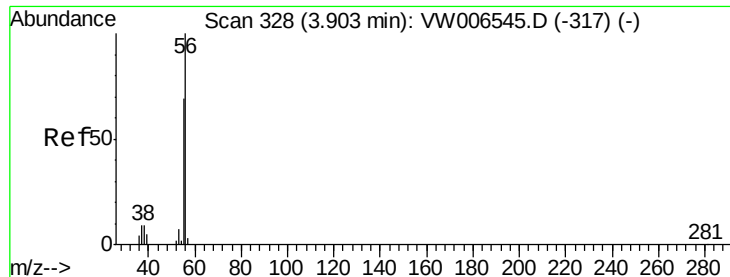


#12

1,1-Dichloroethene
 Concen: 21.576 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.2	117.0	175.4
98	68.1	52.5	78.7





#13

Acrolein

Concen: 78.580 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion: 56 Resp: 13772

Ion Ratio Lower Upper

56 100

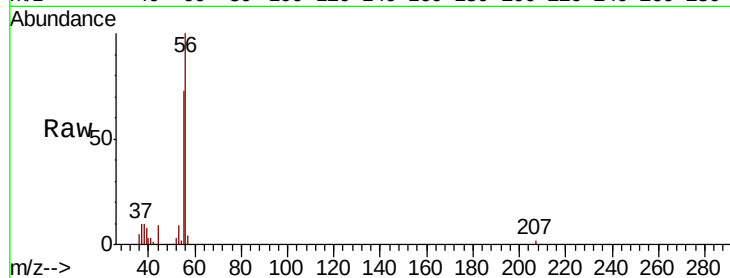
55 73.6 56.9 85.3

Manual Integrations

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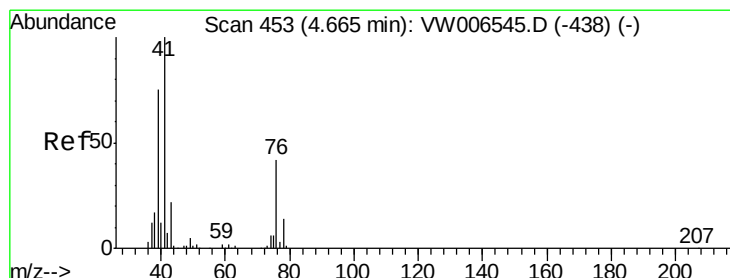
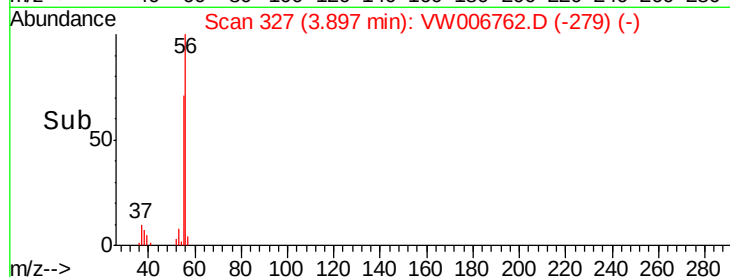
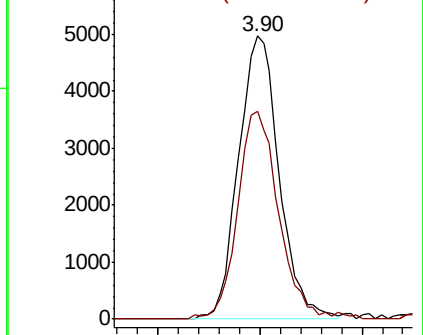
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.628 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

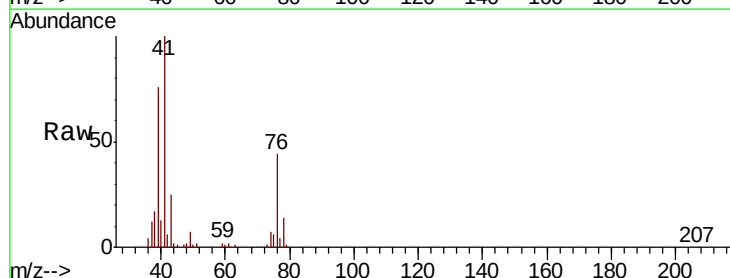
Tgt Ion: 41 Resp: 66082

Ion Ratio Lower Upper

41 100

39 77.5 62.1 93.1

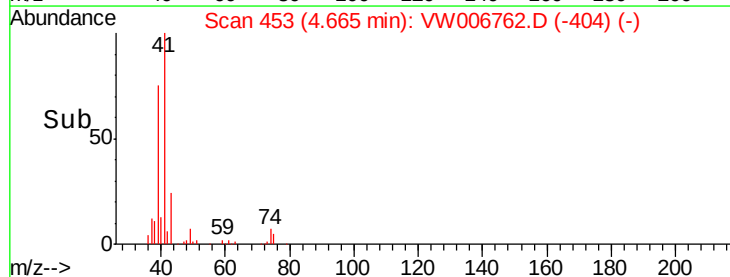
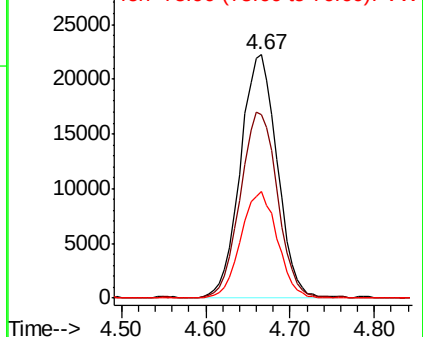
76 43.2 34.2 51.2

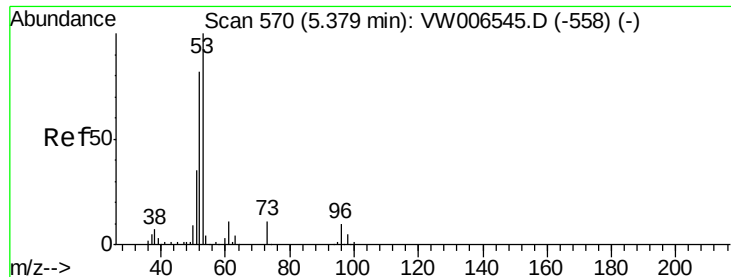


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 97.637 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

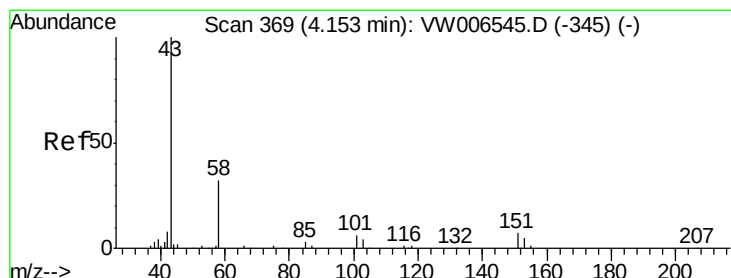
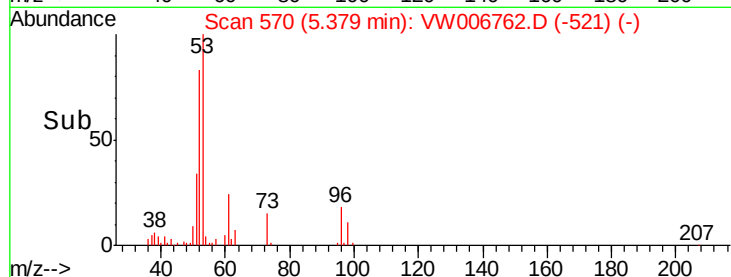
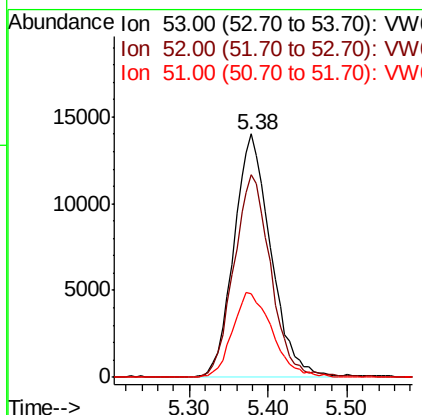
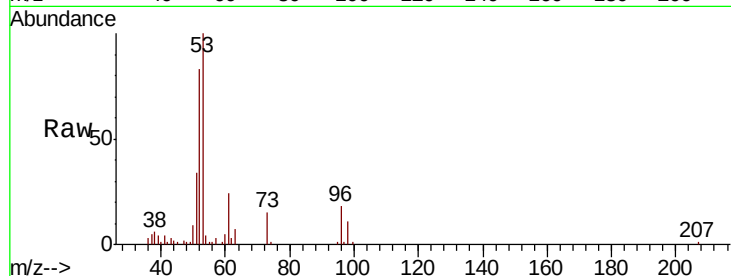
ClientSampleId :

VW1108SBS01

Tot Ion:	53	Resp:	45537
Ion Ratio	Lower	Upper	
53	100		
52	83.4	65.8	98.8
51	37.6	29.6	44.4

Manual Integrations
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MMDadoda
11/9/2018 1:37:39 PM



#16

Acetone

Concen: 128.087 ug/l

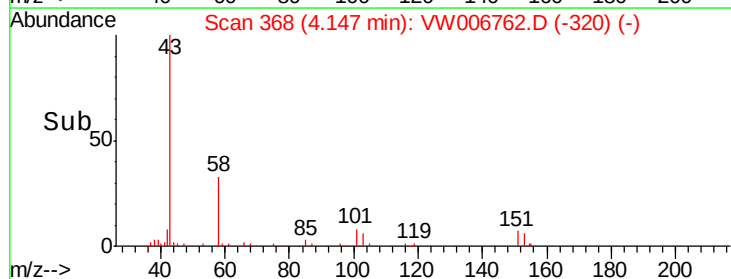
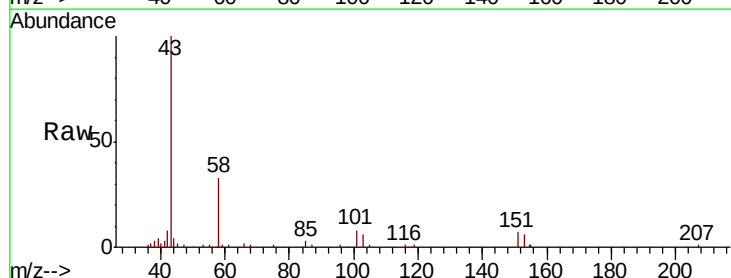
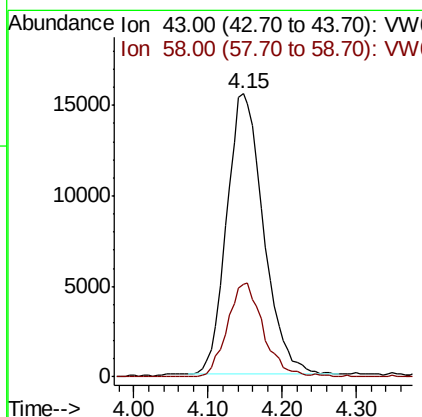
RT: 4.15 min Scan# 368

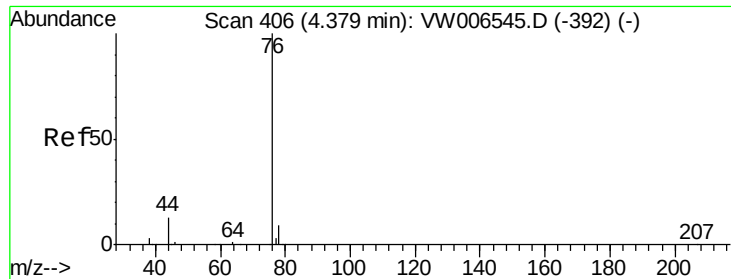
Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion:	43	Resp:	53483
Ion Ratio	Lower	Upper	
43	100		
58	33.0	25.8	38.8





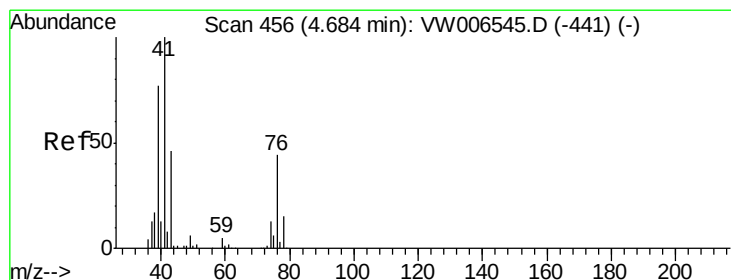
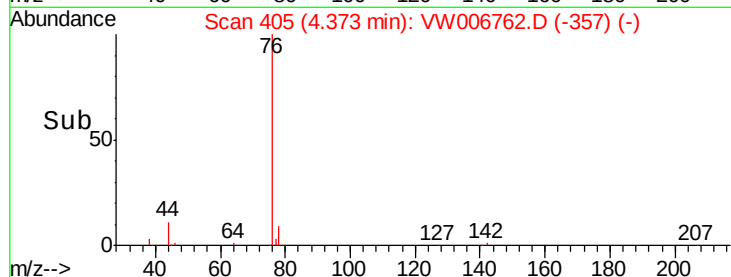
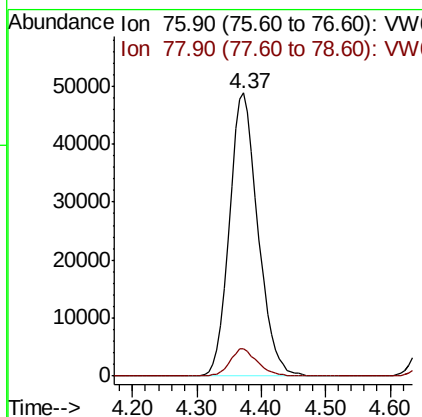
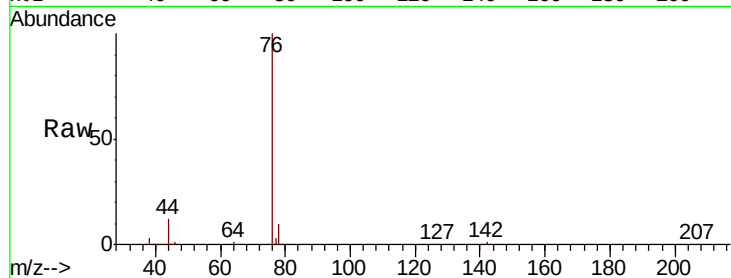
#17
Carbon Disulfide
Concen: 21.640 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

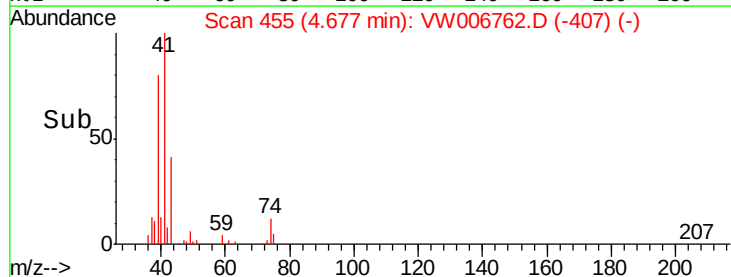
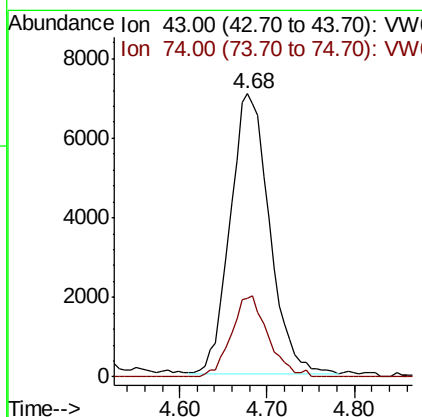
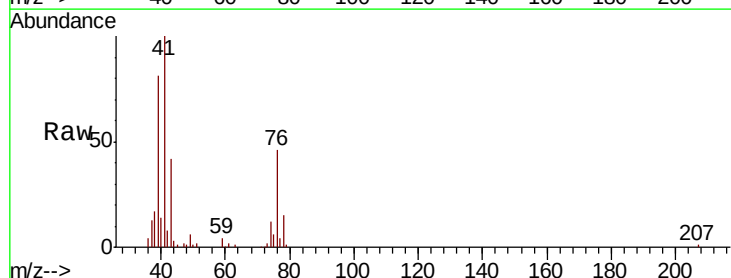
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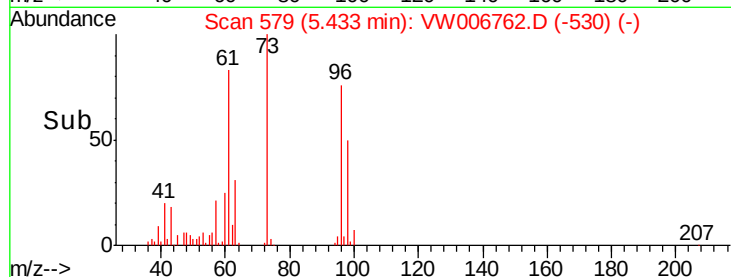
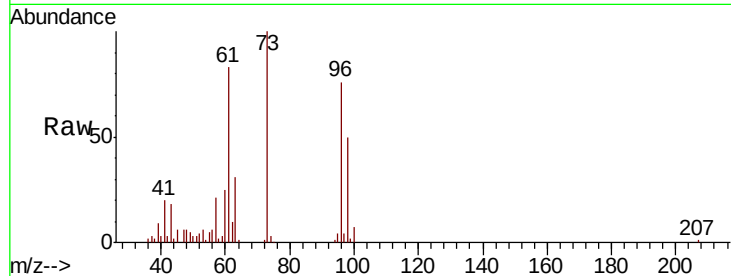
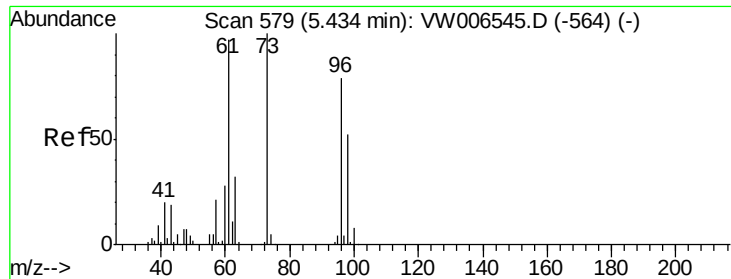
MMDadoda
11/9/2018 1:37:39 PM



#18
Methyl Acetate
Concen: 18.180 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.9	32.9





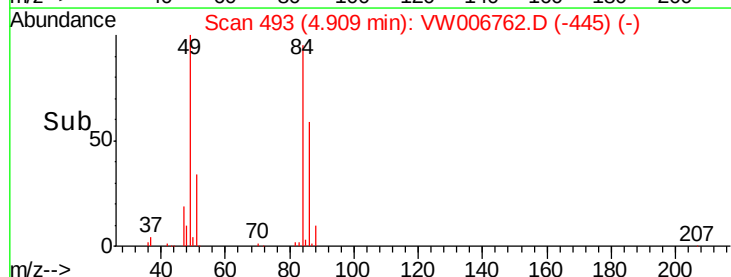
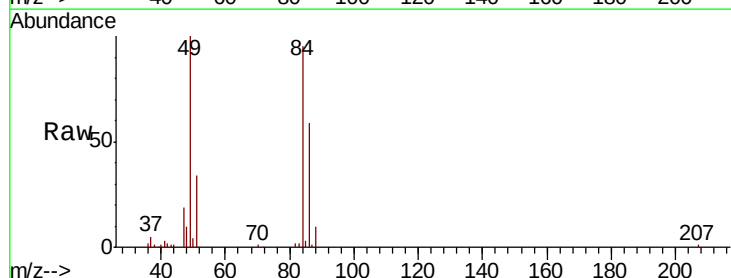
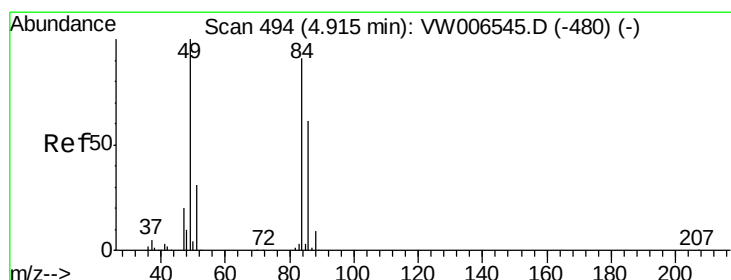
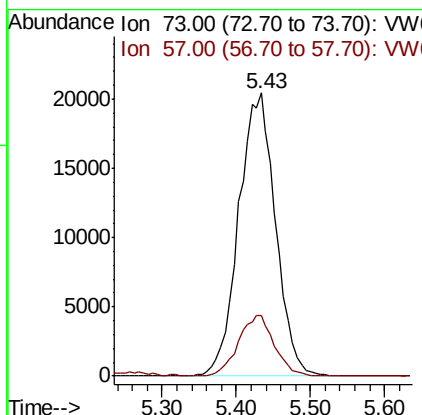
#19
Methyl tert-butyl Ether
Concen: 19.338 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tot Ion: 73 Resp: 70642
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

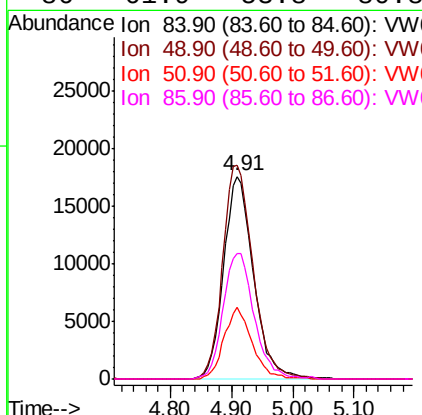
Manual Integrations
APPROVED

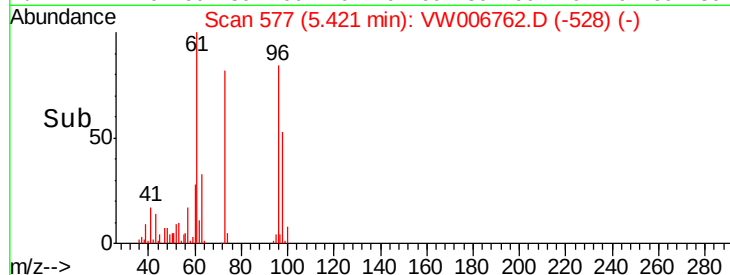
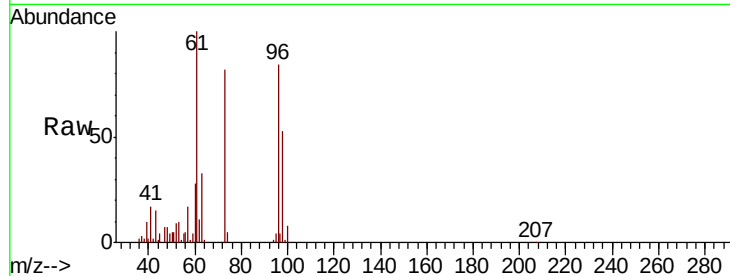
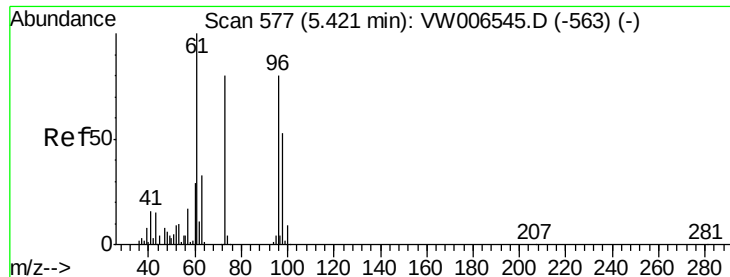
MMDadoda
11/9/2018 1:37:39 PM



#20
Methylene Chloride
Concen: 18.074 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion: 84 Resp: 59230
Ion Ratio Lower Upper
84 100
49 105.6 88.2 132.4
51 35.4 27.0 40.6
86 61.9 53.8 80.8





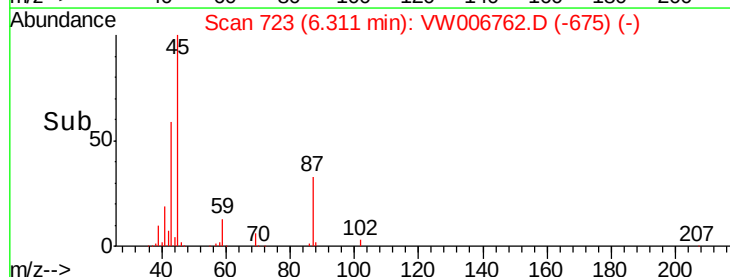
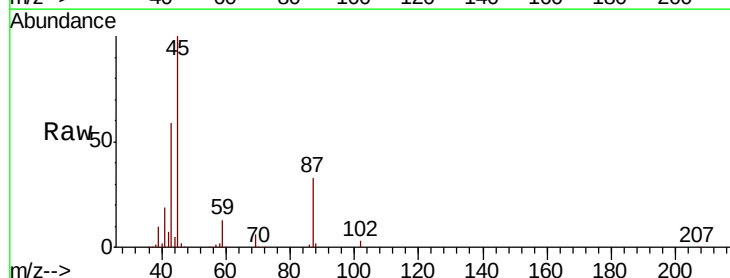
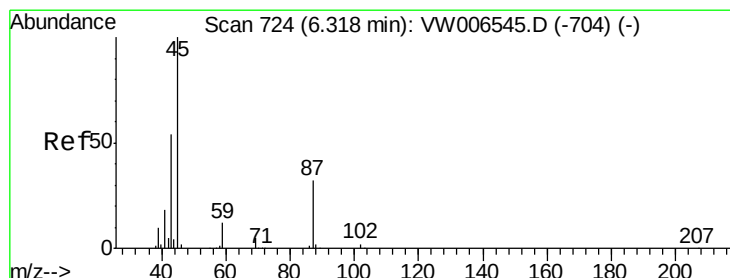
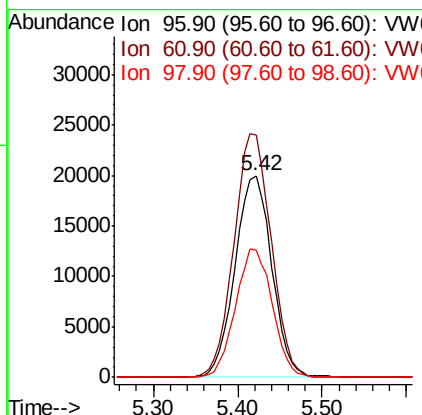
#21
trans-1,2-Dichloroethene
Concen: 21.311 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.8	100.6	150.8
98	63.2	52.9	79.3

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

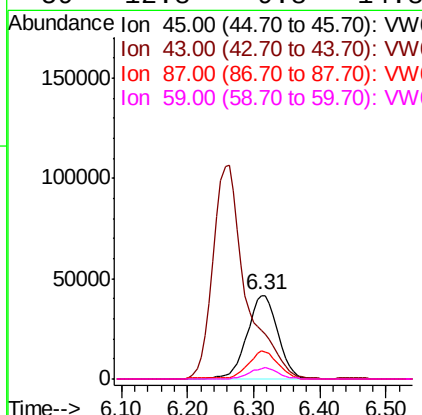
Manual Integrations
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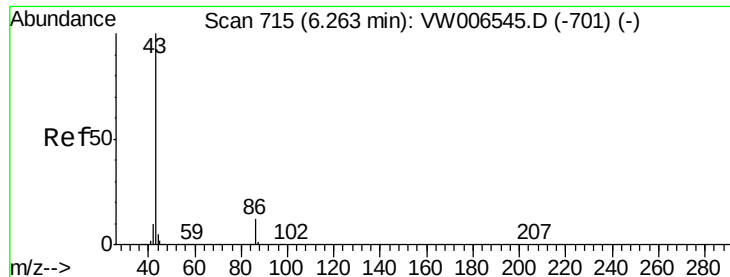
MMDadoda
11/9/2018 1:37:39 PM



#22
Diisopropyl ether
Concen: 20.177 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.6	43.6	65.4
87	33.0	26.3	39.5
59	12.8	9.8	14.8





#23

Vinyl Acetate

Concen: 99.259 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion: 43 Resp: 367605

Ion Ratio Lower Upper

43 100

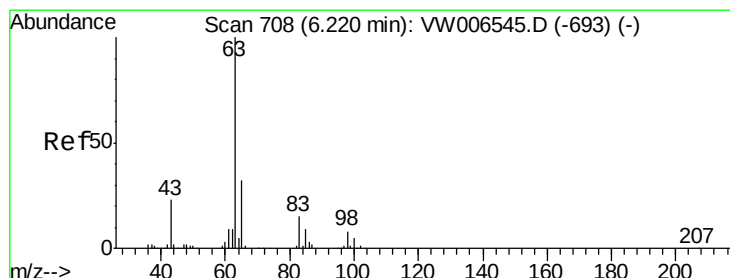
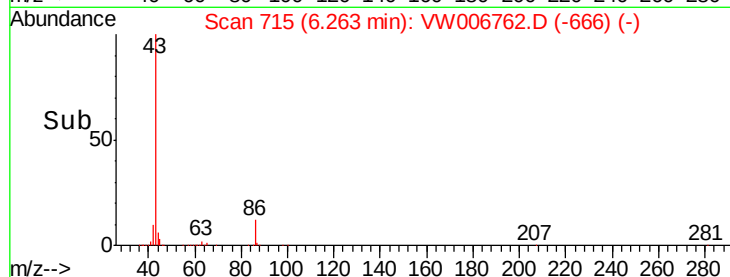
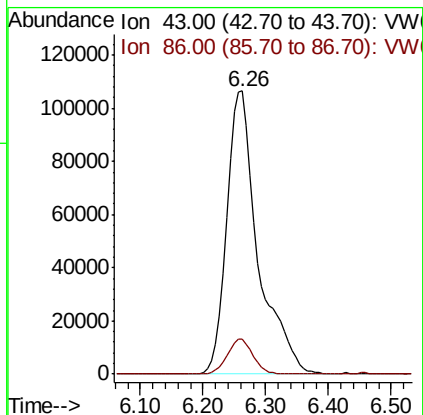
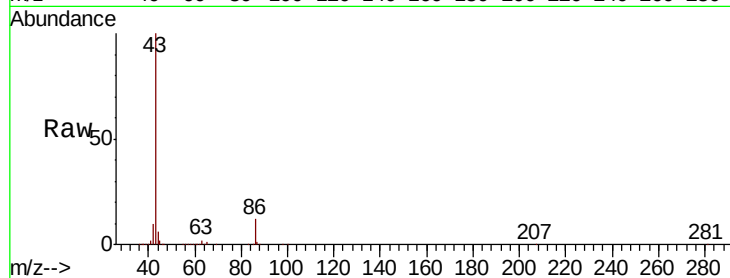
86 12.3 9.8 14.8

Manual Integrations

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11/9/2018 1:37:39 PM



#24

1,1-Dichloroethane

Concen: 20.936 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

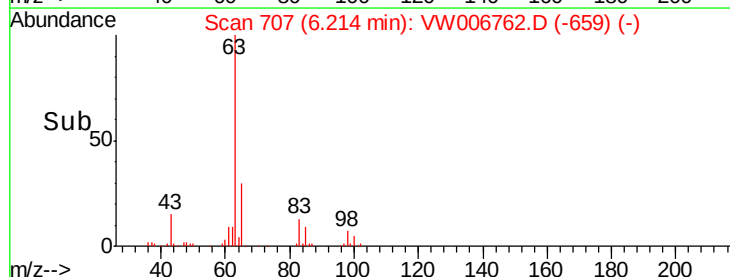
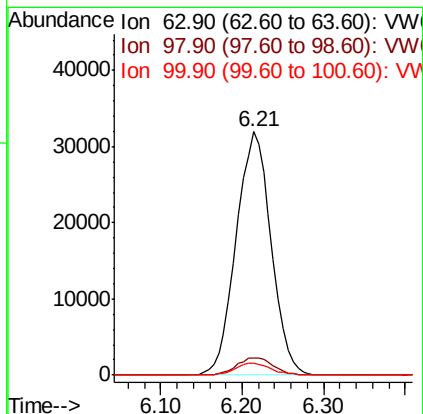
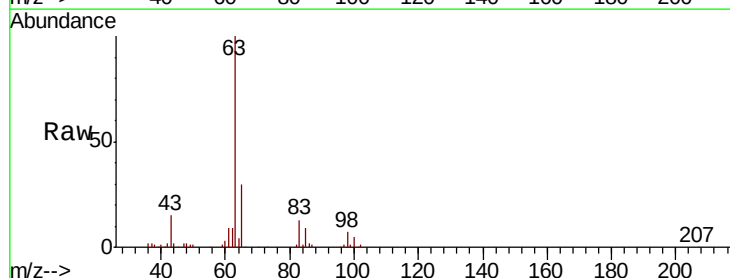
Tgt Ion: 63 Resp: 94759

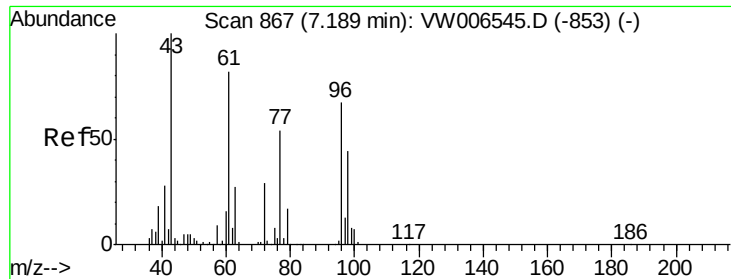
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 109.821 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion: 43 Resp: 65435

Ion Ratio Lower Upper

43 100

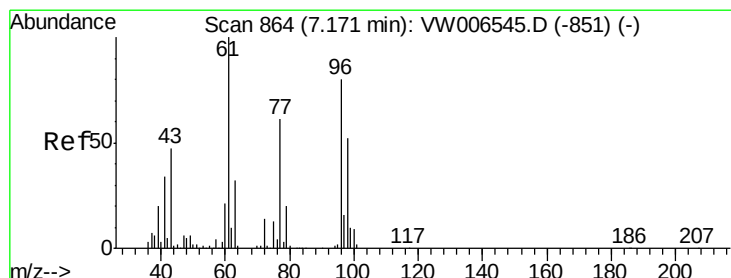
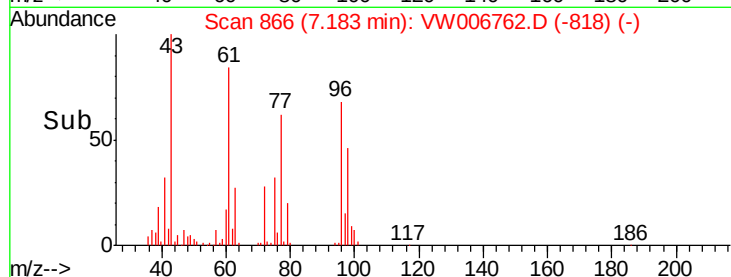
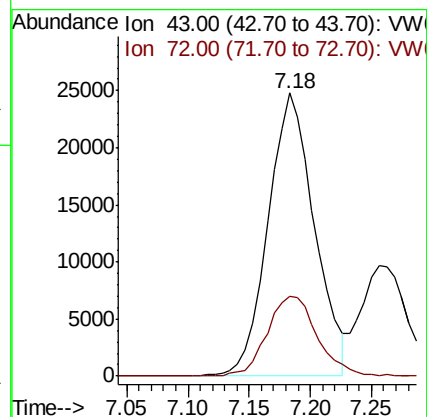
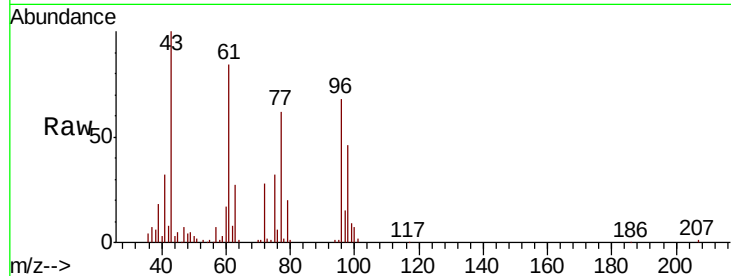
72 28.4 23.2 34.8

Manual Integrations

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11/9/2018 1:37:39 PM



#26

2,2-Dichloropropane

Concen: 24.053 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006762.D

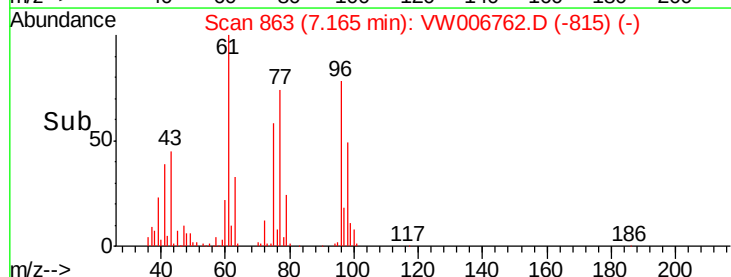
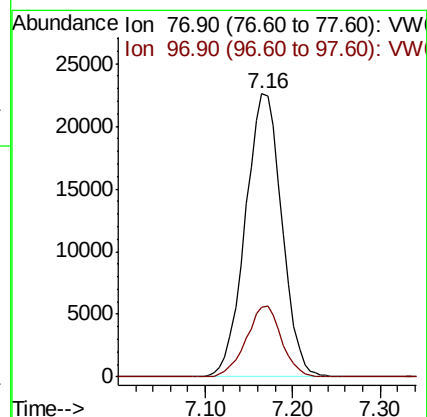
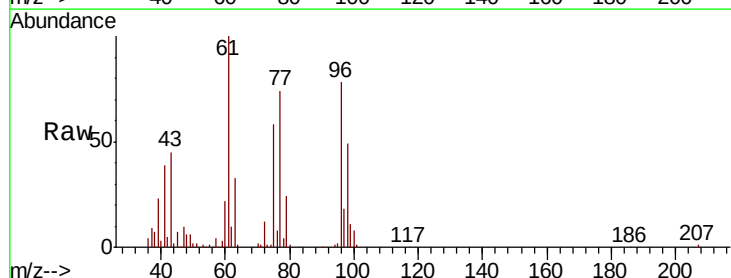
Acq: 08 Nov 2018 13:40

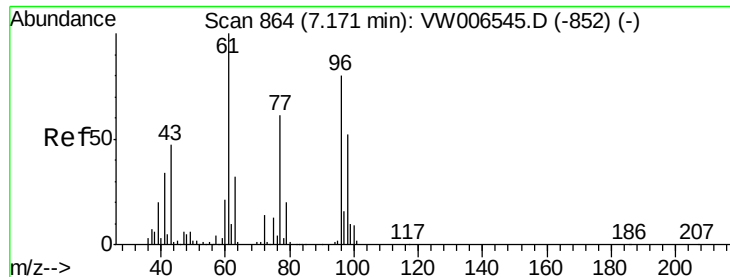
Tgt Ion: 77 Resp: 65581

Ion Ratio Lower Upper

77 100

97 24.0 12.8 38.4





#27

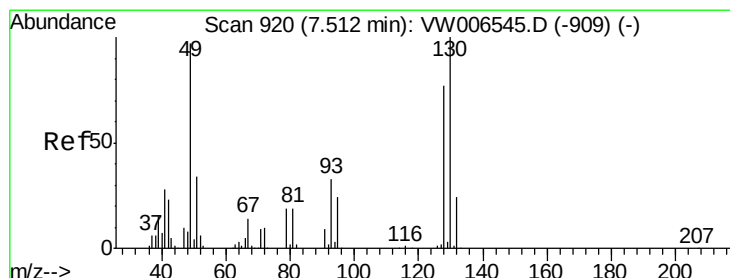
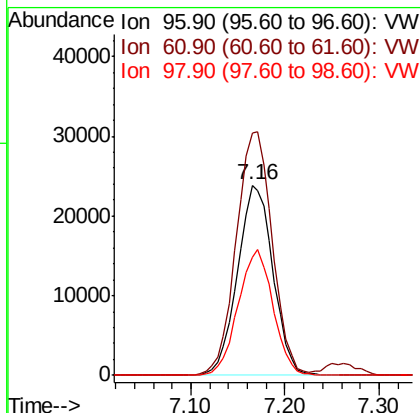
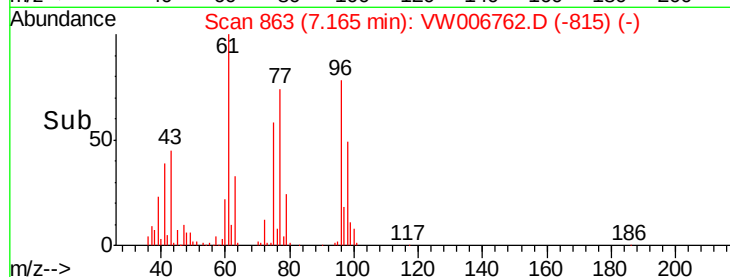
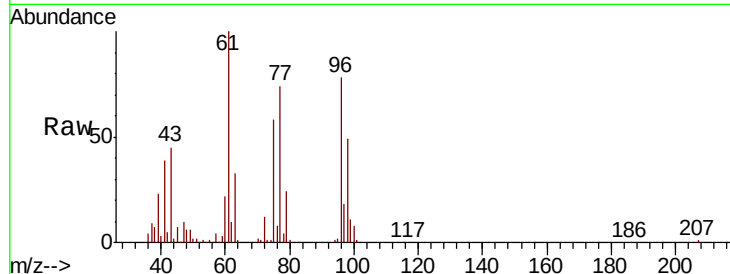
cis-1,2-Dichloroethene
Concen: 20.205 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	254.2
98	65.1	0.0	129.6

Manual Integrations
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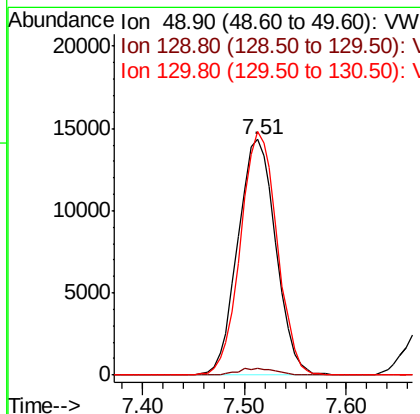
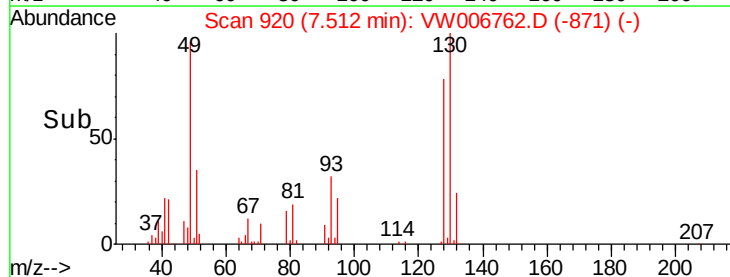
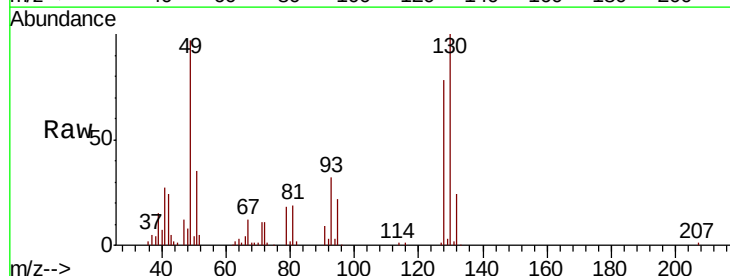
MMDadoda
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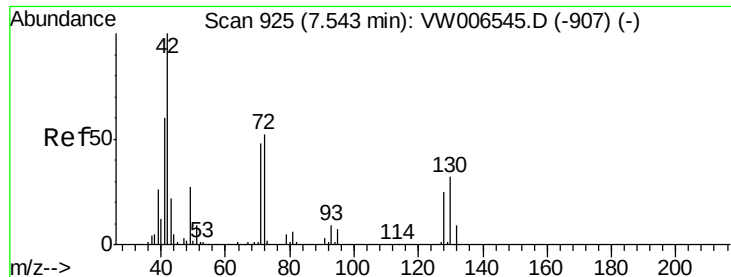


#28

Bromochloromethane
Concen: 20.647 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	99.4	82.2	123.2





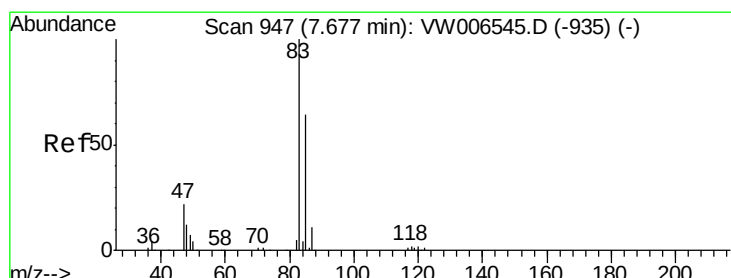
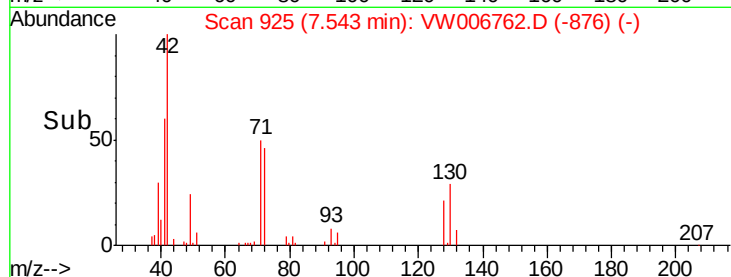
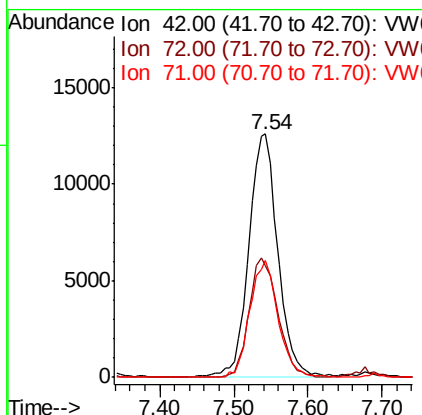
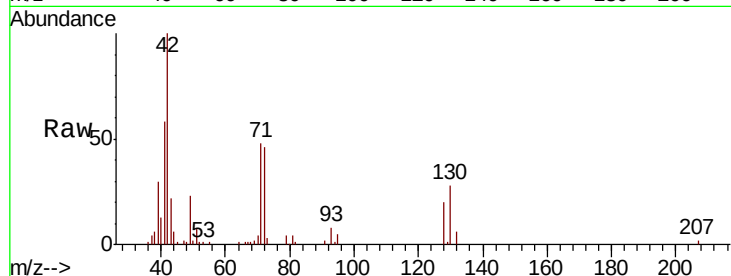
#29
Tetrahydrofuran
Concen: 92.367 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion:	42	Resp:	34616
Ion	Ratio	Lower	Upper
42	100		
72	48.5	39.2	58.8
71	46.4	37.6	56.4

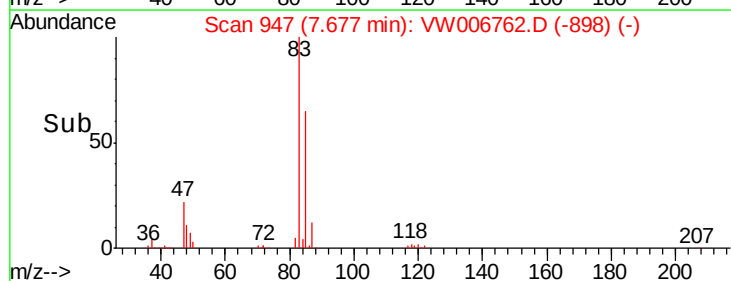
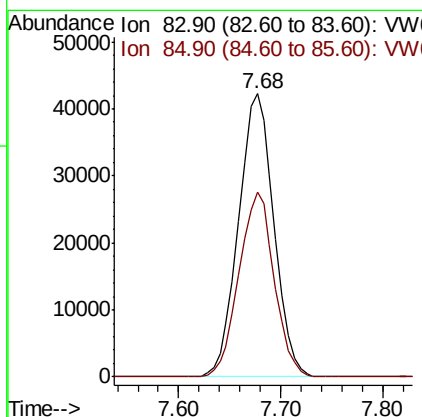
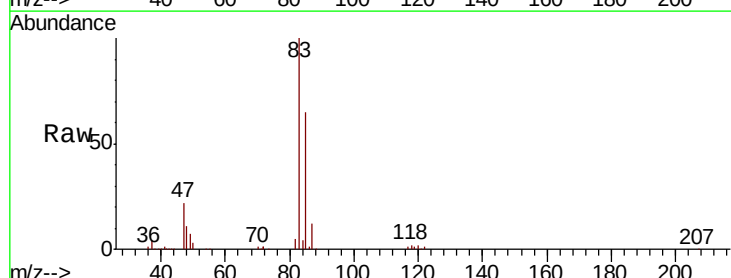
Manual Integrations
APPROVED

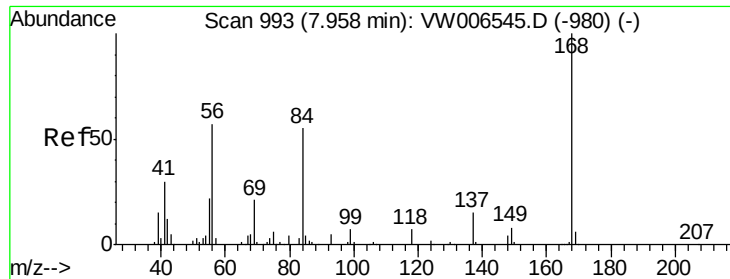
MMDadoda
11/9/2018 1:37:39 PM



#30
Chloroform
Concen: 20.471 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion:	83	Resp:	101584
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.3	76.9





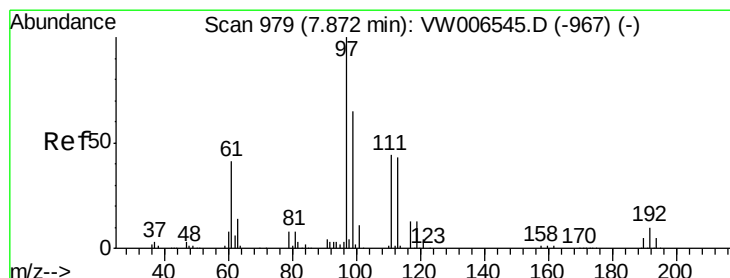
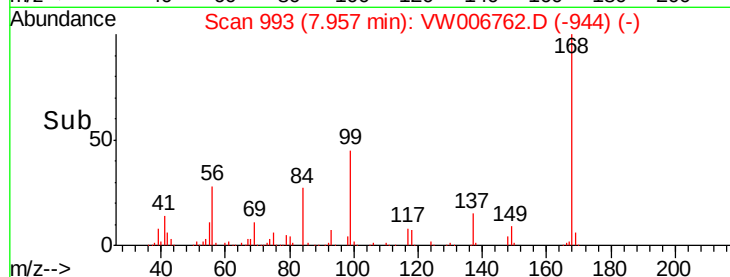
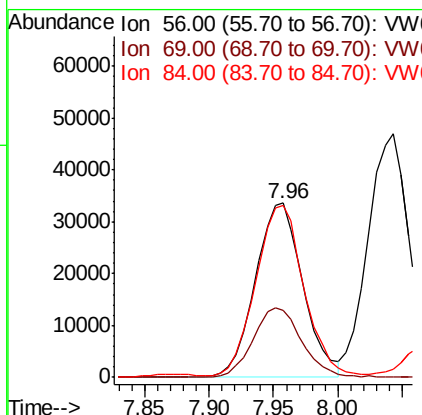
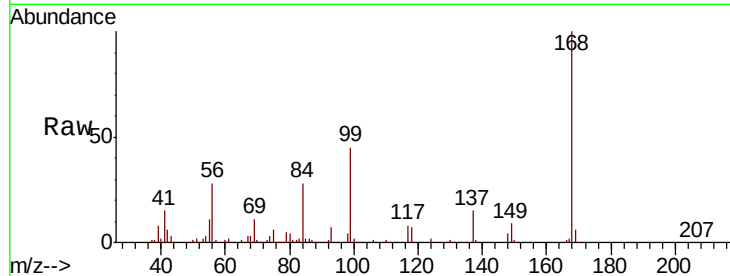
#31
Cyclohexane
Concen: 20.914 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	29.0	43.4
84	97.6	77.8	116.6

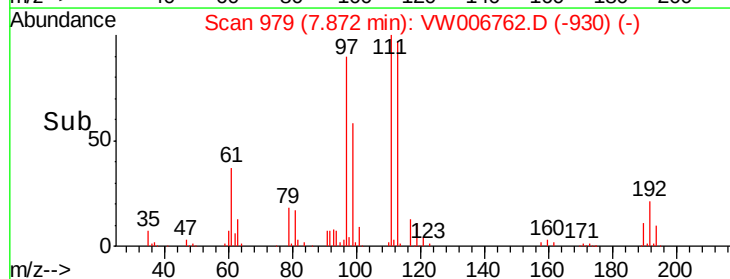
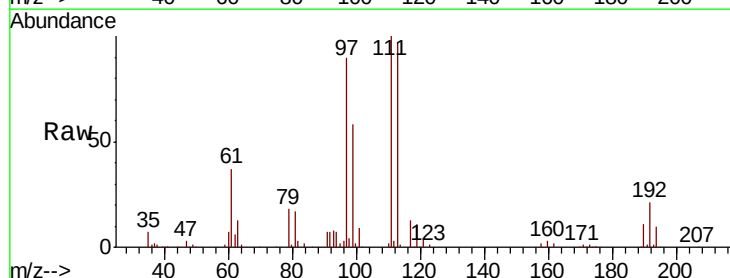
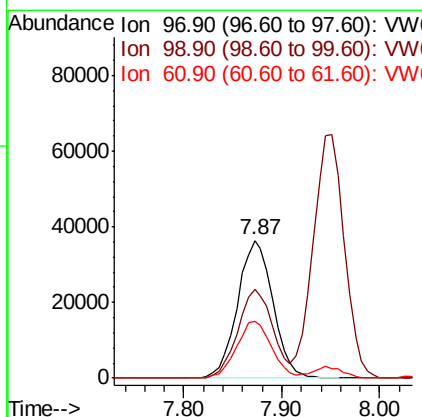
Manual Integrations
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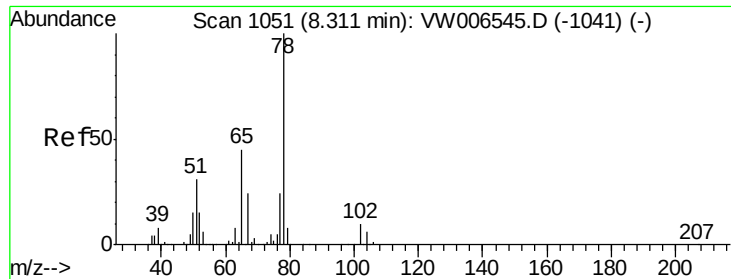
MMDadoda
11/9/2018 1:37:39 PM



#32
1,1,1-Trichloroethane
Concen: 21.741 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	40.9	32.9	49.3





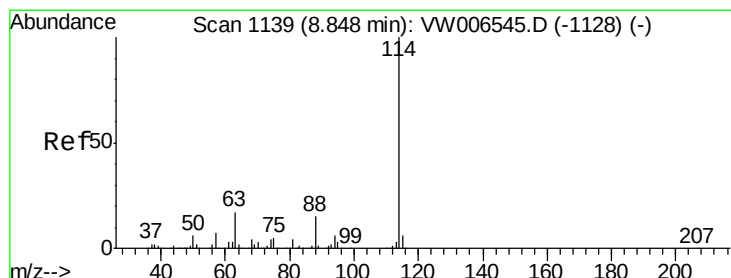
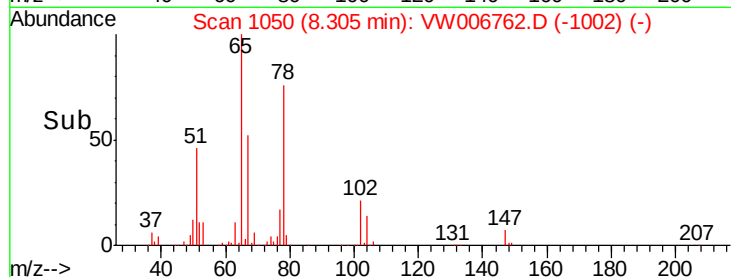
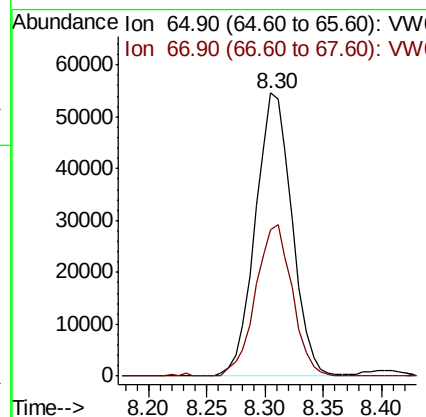
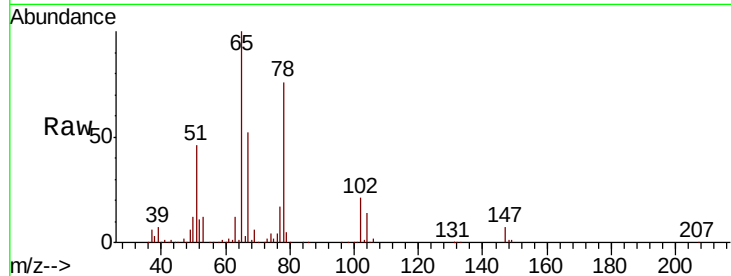
#33
 1,2-Dichloroethane-d4
 Concen: 46.293 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	104.4	

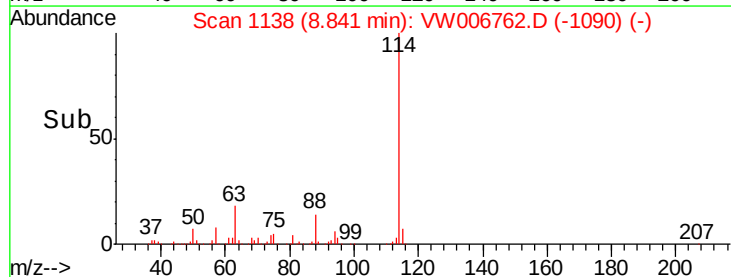
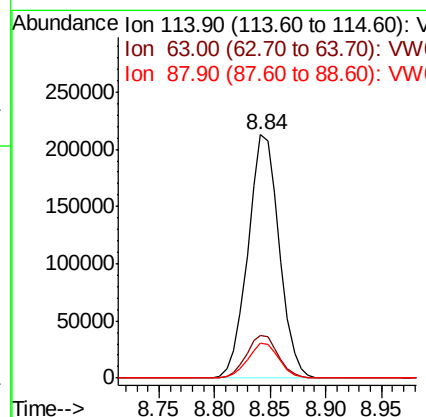
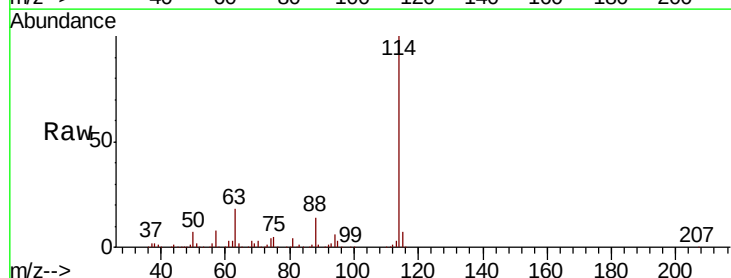
Manual Integrations
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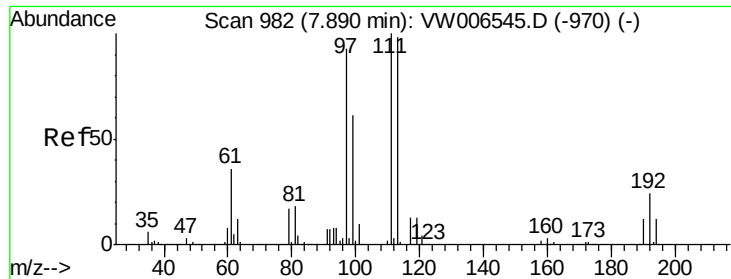
MMDadoda
 11/9/2018 1:37:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.7	0.0	34.4	
88	14.4	0.0	29.0	





#35

Dibromofluoromethane

Concen: 50.817 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

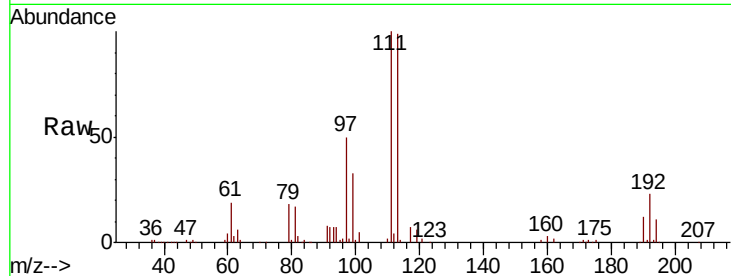
ClientSampleId :

VW1108SBS01

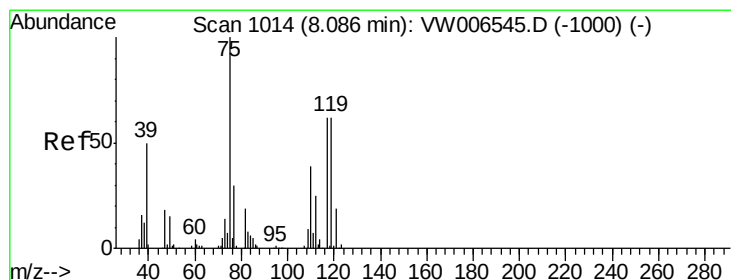
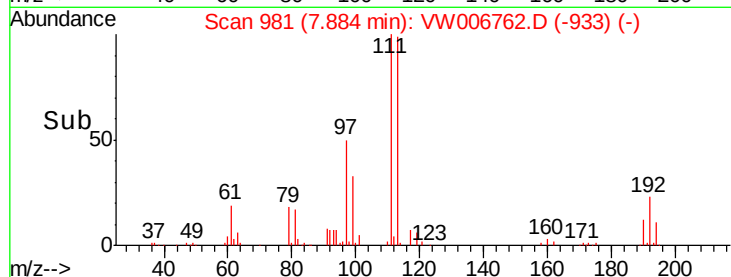
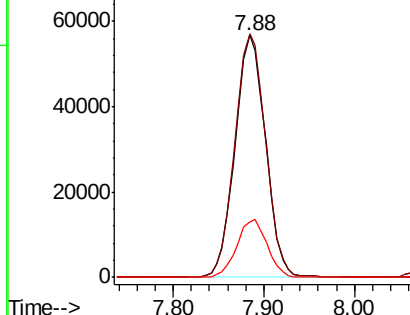
Tot Ion:	113	Resp:	132256
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.2
192	23.7	19.0	28.6

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.415 ug/l

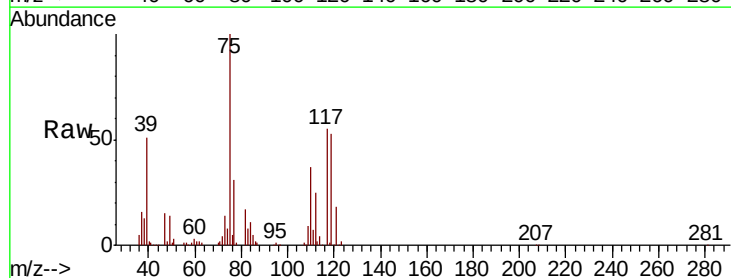
RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

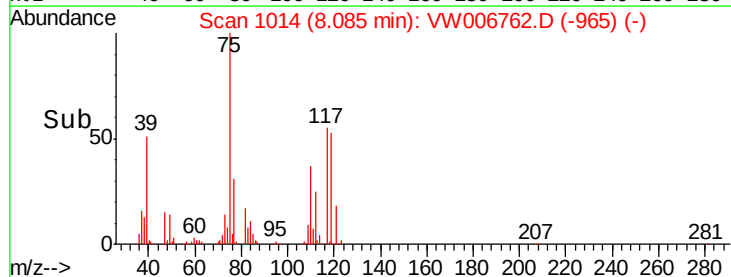
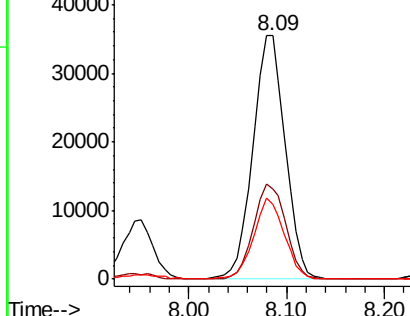
Lab File: VW006762.D

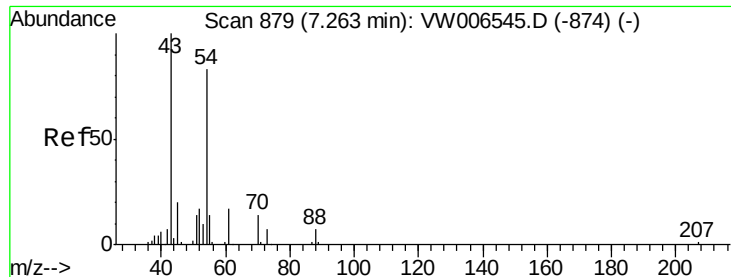
Acq: 08 Nov 2018 13:40

Tgt Ion:	75	Resp:	81745
Ion Ratio	Lower	Upper	
75	100		
110	38.7	19.5	58.5
77	31.4	24.6	37.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





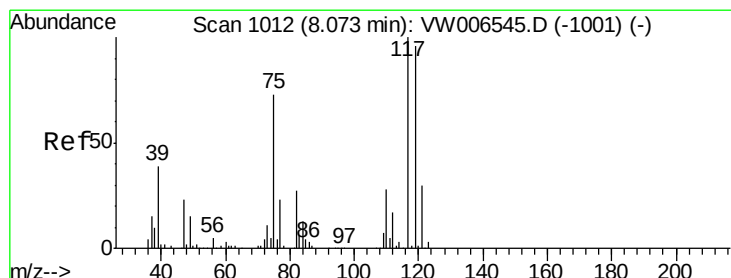
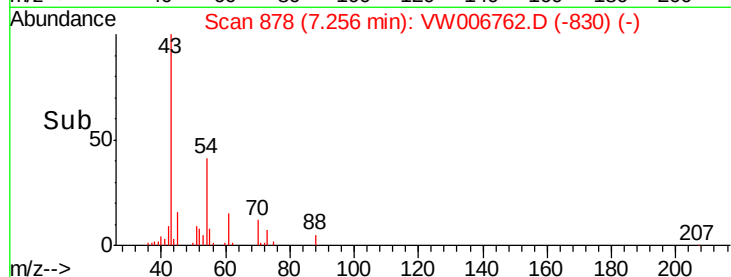
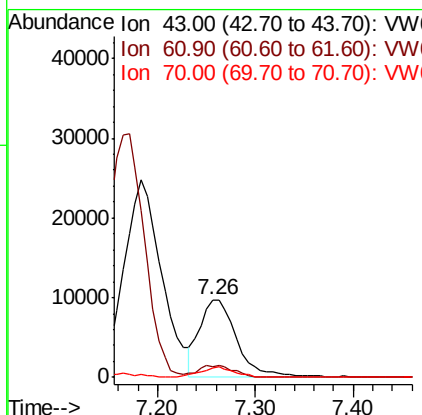
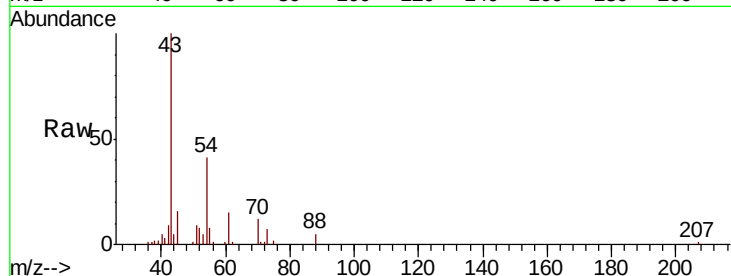
#37
Ethyl Acetate
Concen: 19.931 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampled :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	12.5	9.8	14.6

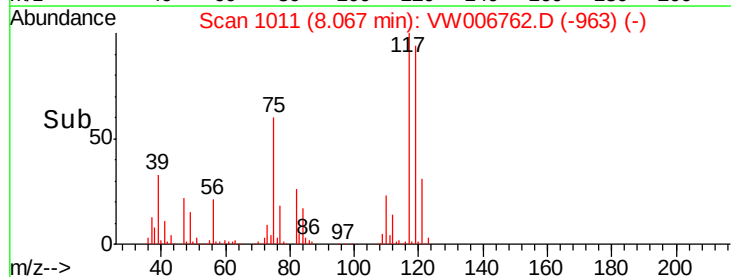
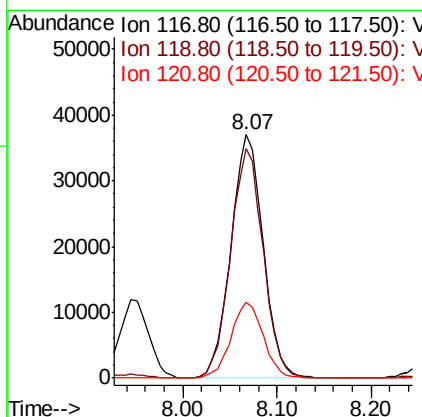
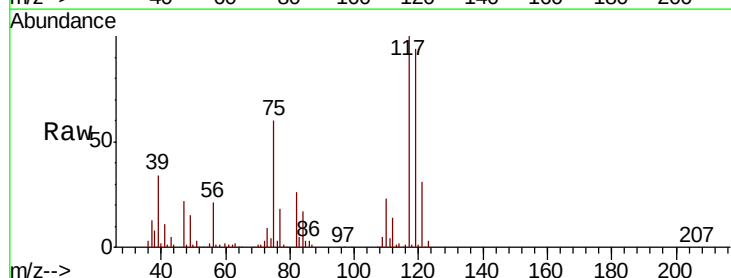
Manual Integrations
APPROVED

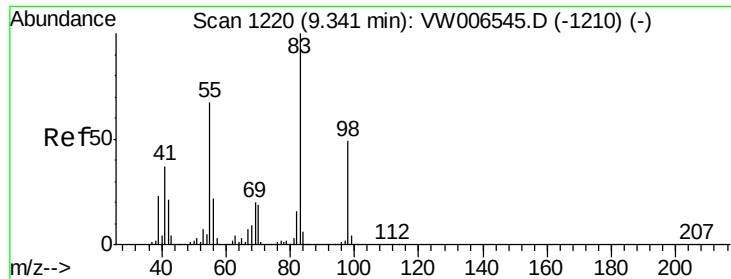
MMDadoda
11/9/2018 1:37:39 PM



#38
Carbon Tetrachloride
Concen: 23.160 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.3	114.5
121	31.2	24.1	36.1





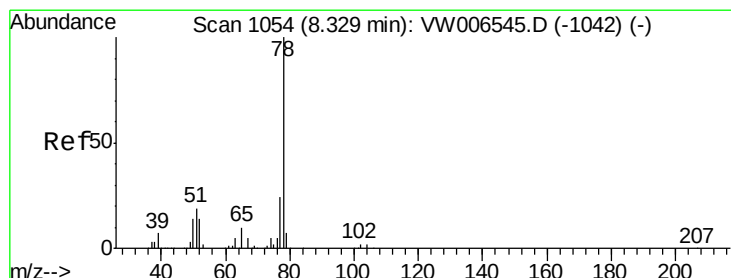
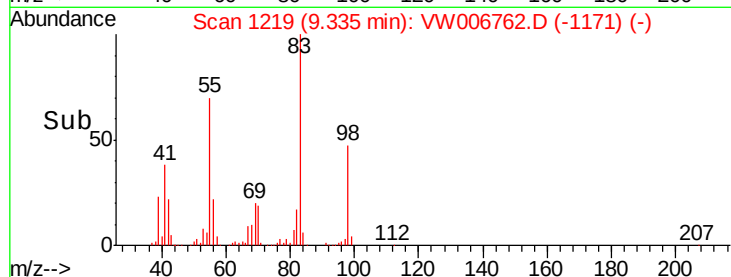
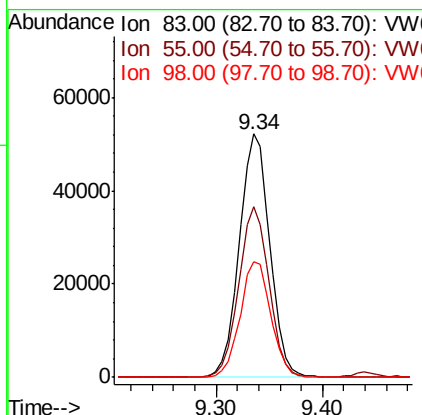
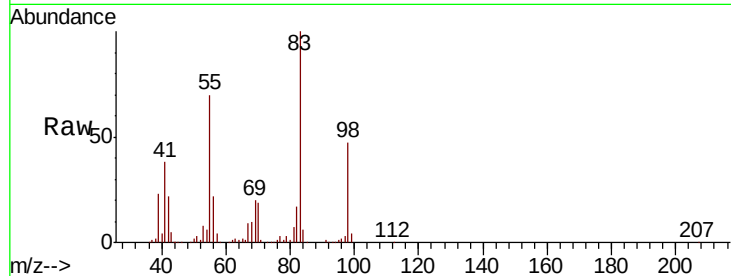
#39
Methylvlcyclohexane
Concen: 22.731 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	53.7	80.5
98	47.2	39.2	58.8

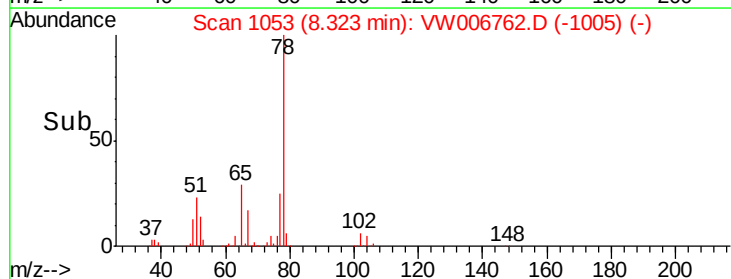
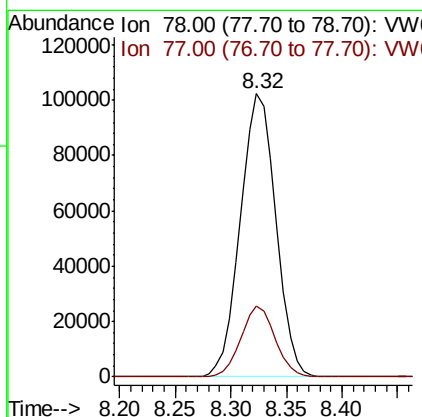
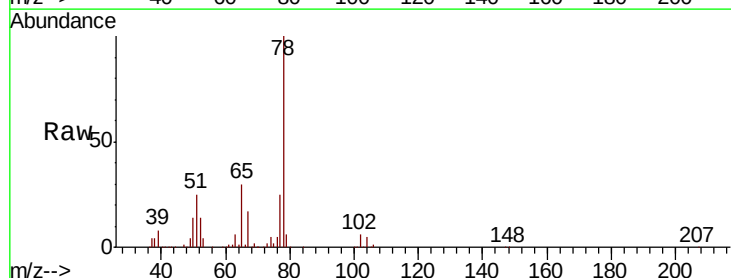
Manual Integrations
APPROVED

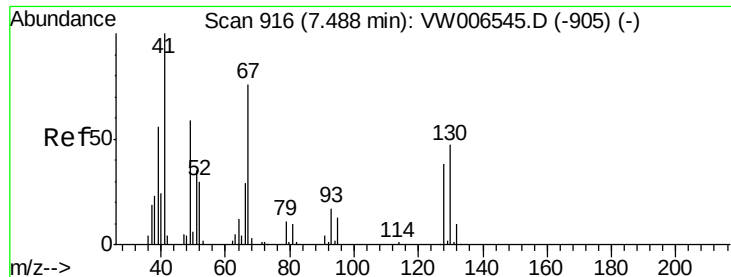
MMDadoda
11/9/2018 1:37:39 PM



#40
Benzene
Concen: 21.956 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8





#41

Methacrylonitrile

Concen: 19.920 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

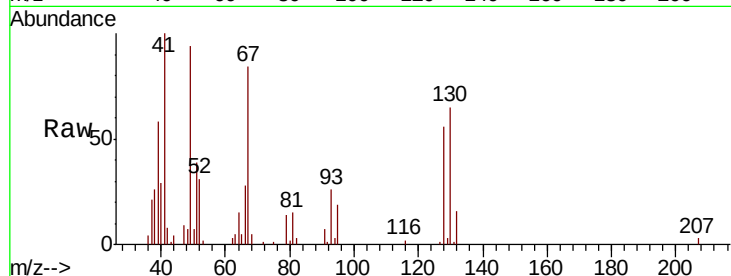
ClientSampleId :

VW1108SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.5	66.7
67	79.3	63.8	95.8
52	32.1	26.3	39.5

Manual Integrations
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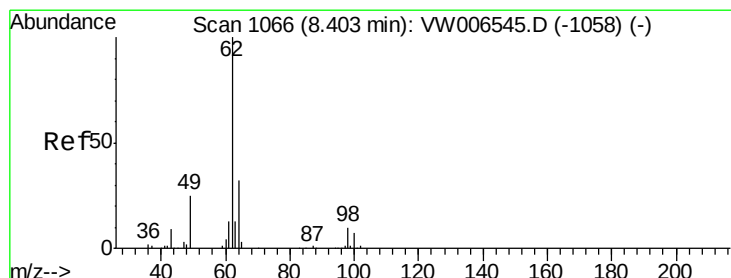
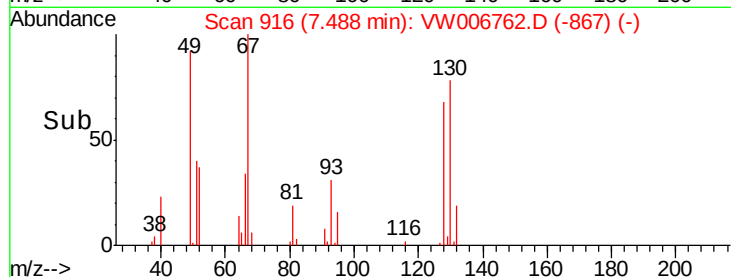
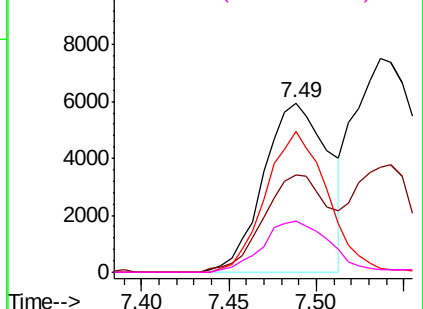
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.150 ug/l

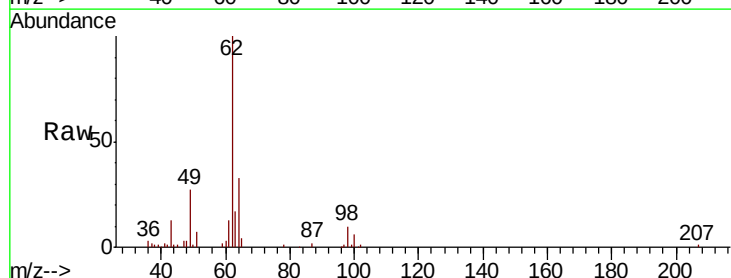
RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

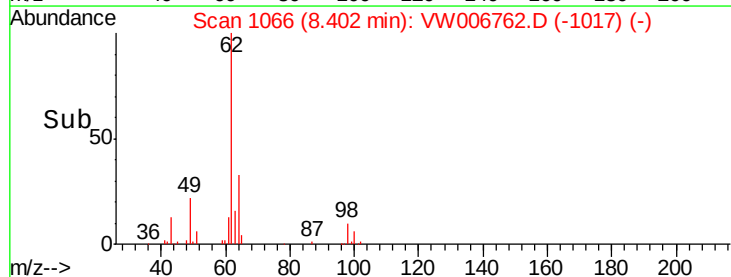
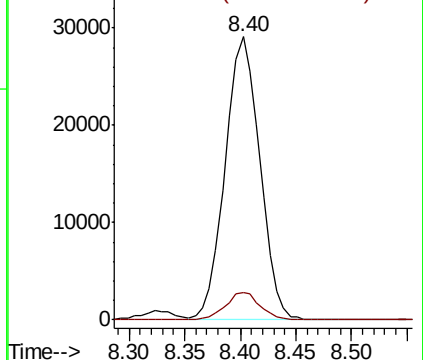
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

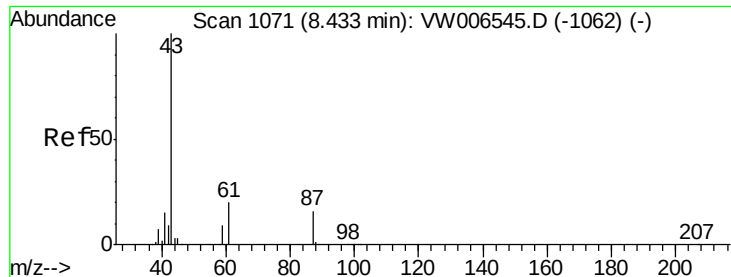


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.034 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

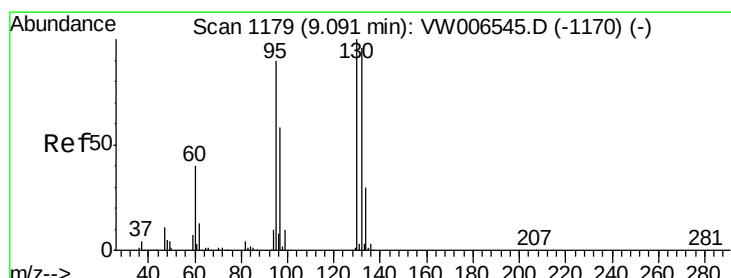
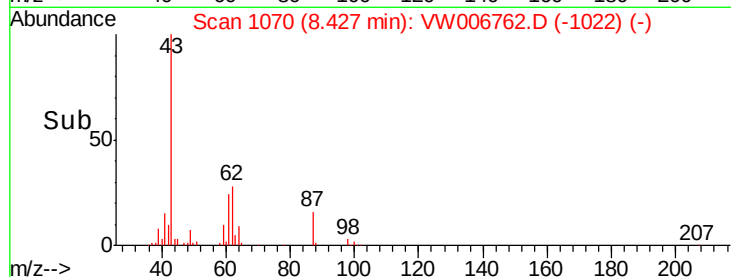
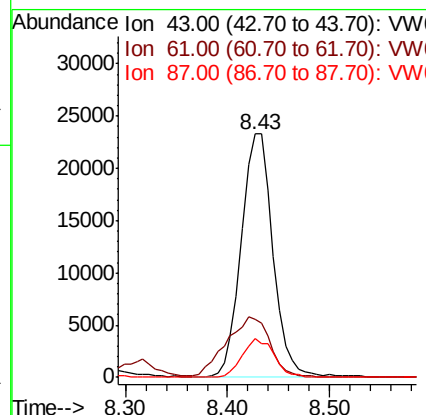
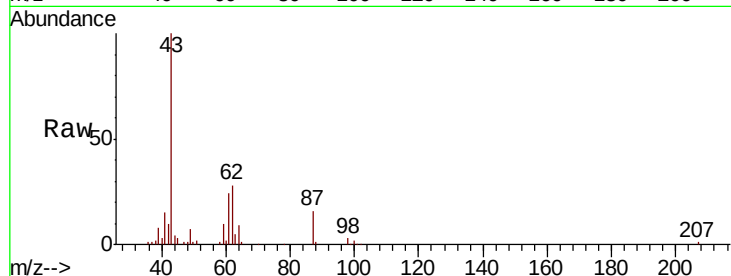
ClientSampleId :

VW1108SBS01

Tot Ion:	43	Resp:	50524
Ion	Ratio	Lower	Upper
43	100		
61	34.0	27.2	40.8
87	15.8	12.9	19.3

Manual Integrations
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#44

Trichloroethene

Concen: 21.786 ug/l

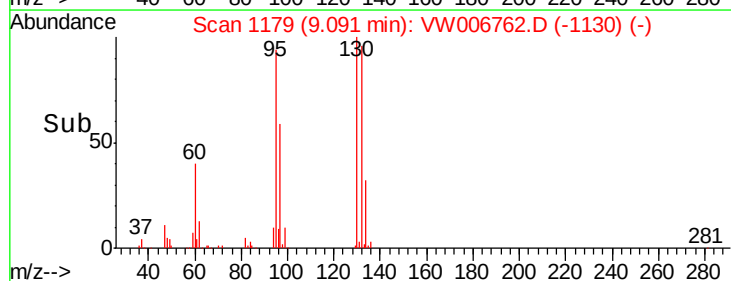
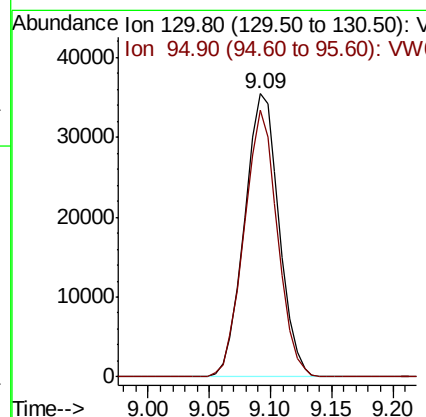
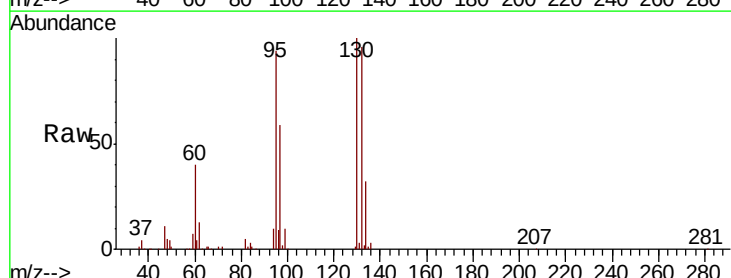
RT: 9.09 min Scan# 1179

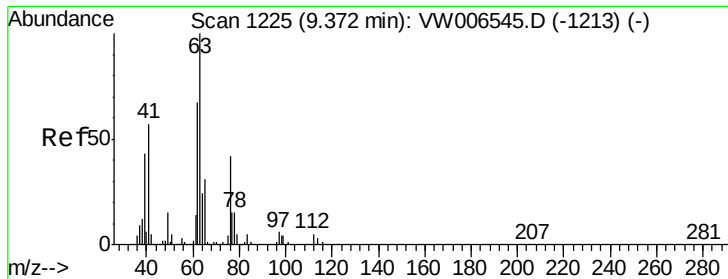
Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion:	130	Resp:	69639
Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	179.2





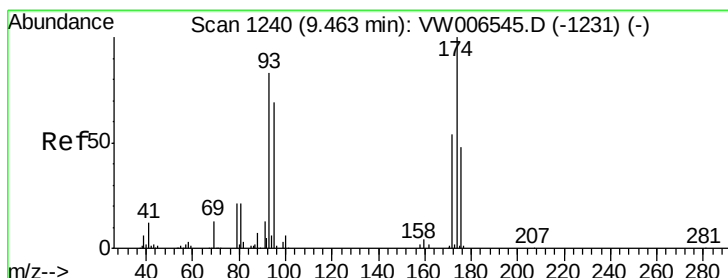
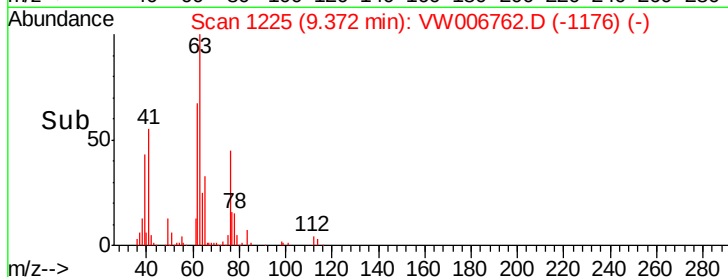
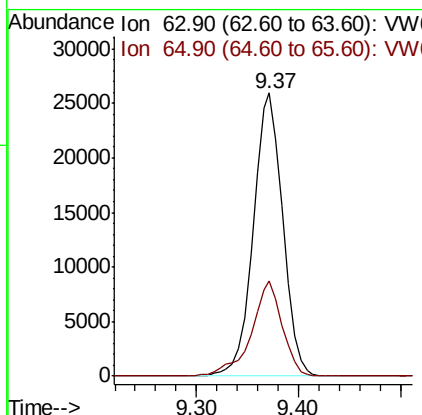
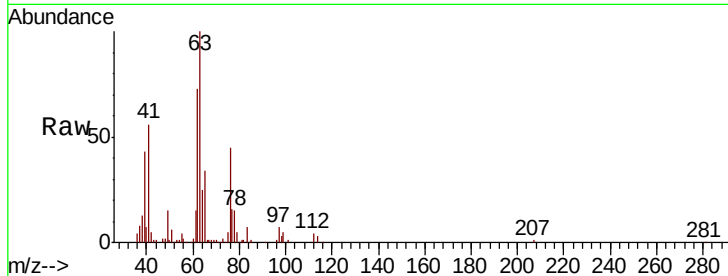
#45
 1,2-Dichloropropane
 Concen: 21.637 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.7	25.1	37.7

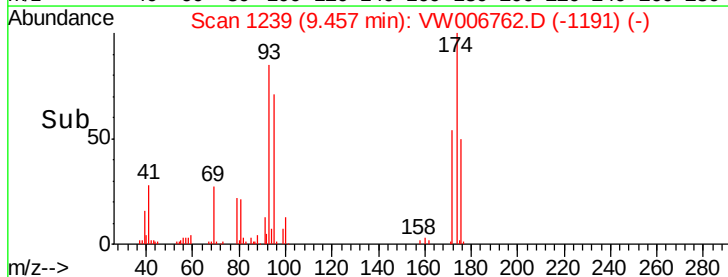
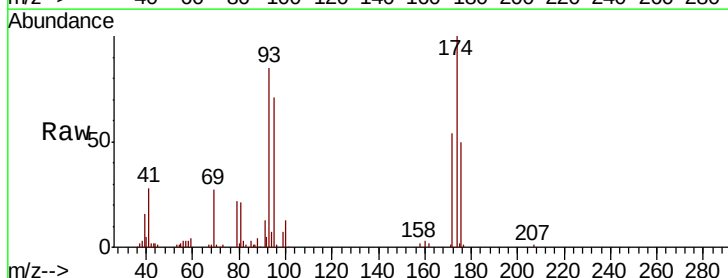
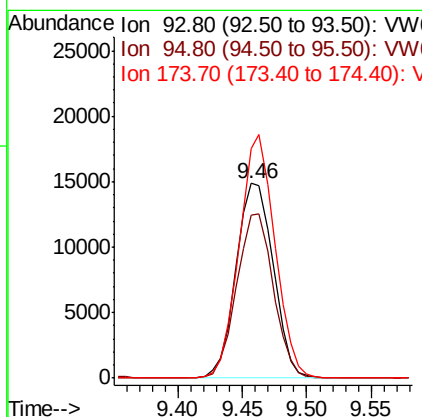
Manual Integrations
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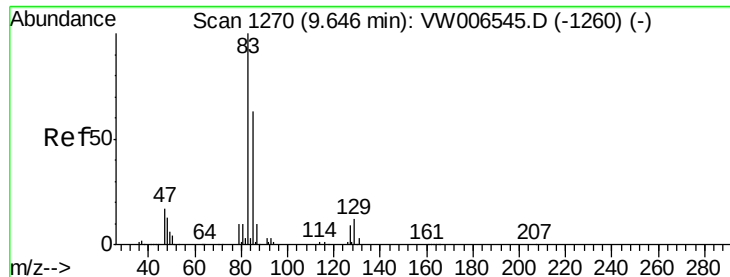
MMDadoda
 11/9/2018 1:37:39 PM



#46
 Dibromomethane
 Concen: 21.048 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.2	100.8
174	119.5	97.3	145.9





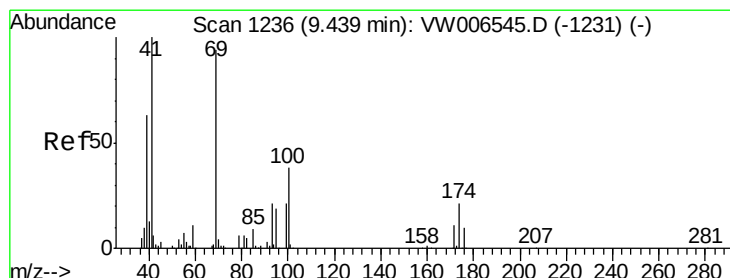
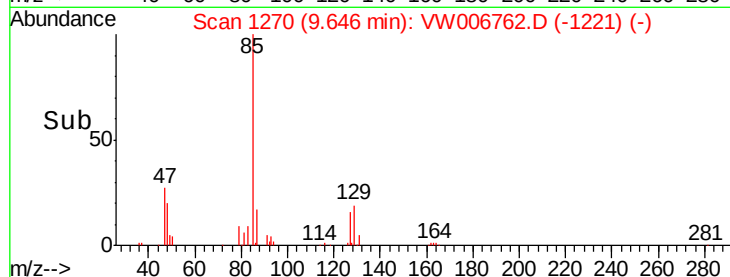
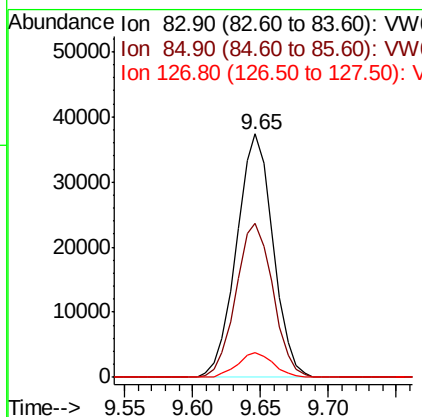
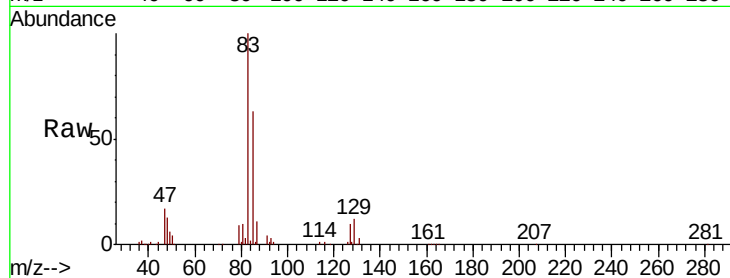
#47
Bromodichloromethane
Concen: 21.299 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	10.0	7.5	11.3

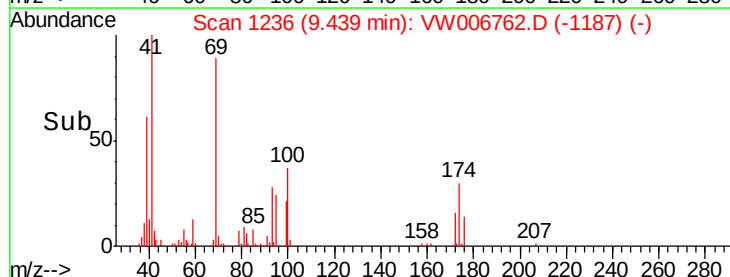
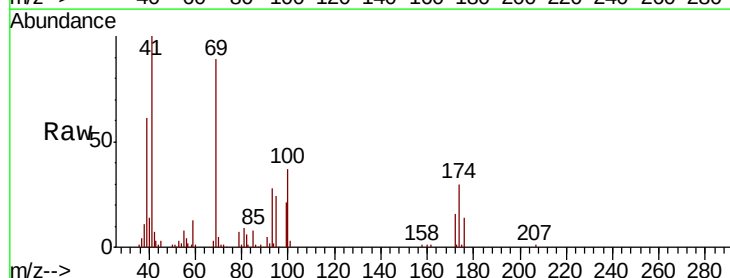
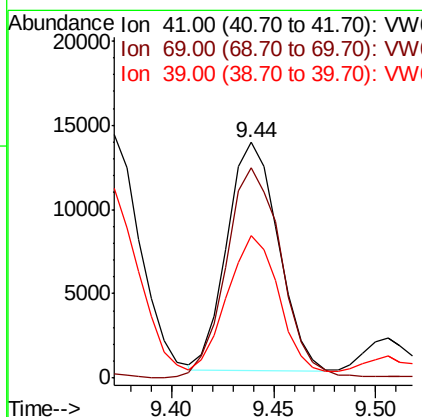
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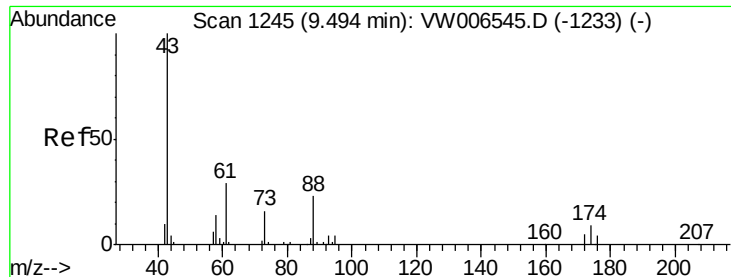
MMDadoda
11/9/2018 1:37:39 PM



#48
Methyl methacrylate
Concen: 19.471 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.0	77.8	116.8
39	59.7	48.7	73.1





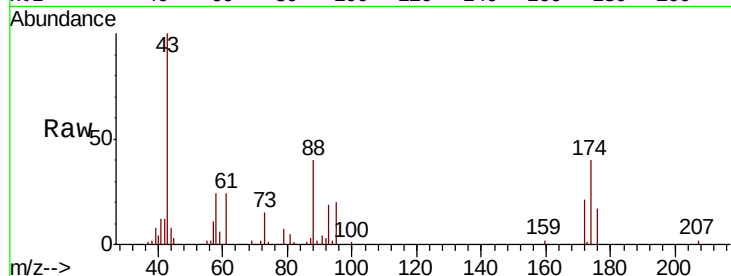
#49
1,4-Dioxane
Concen: 394.771 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	63.8	51.4	77.2

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11/9/2018 1:37:39 PM

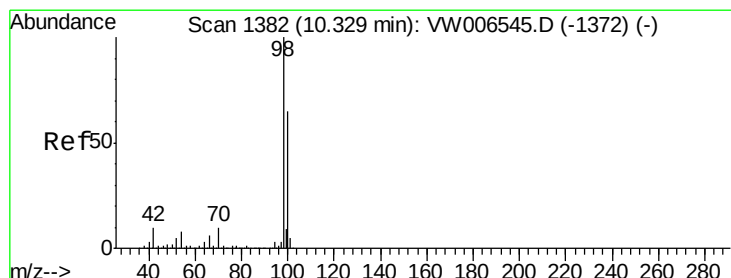
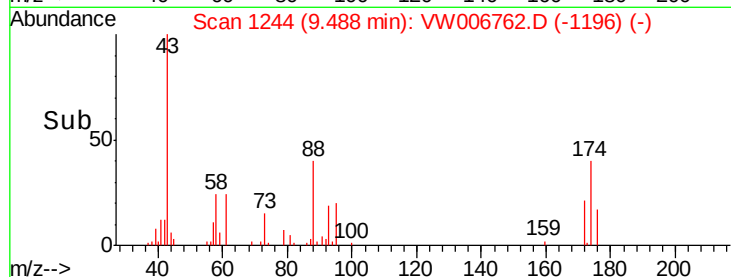
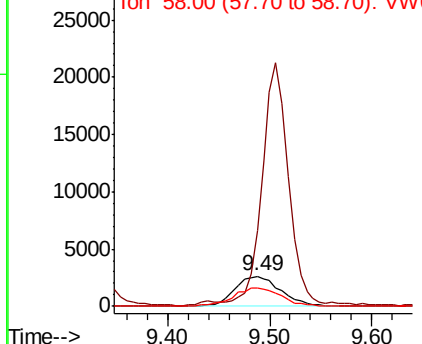


Abundance

Ion 88.00 (87.70 to 88.70): VW

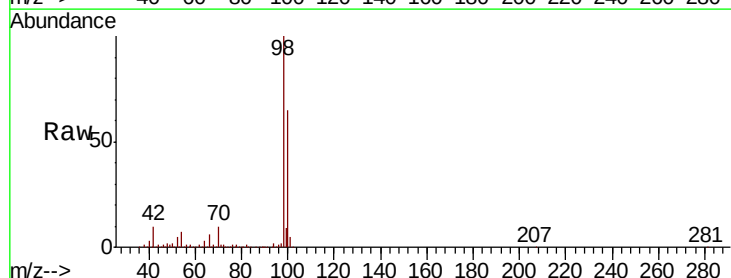
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 50.807 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

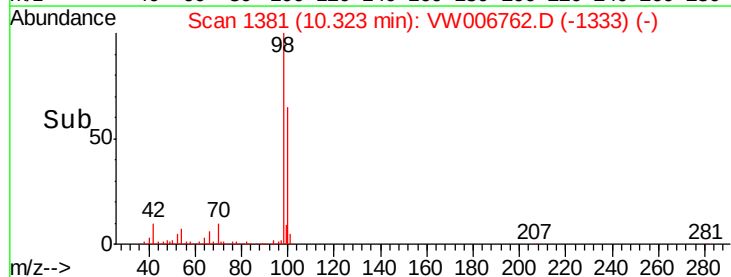
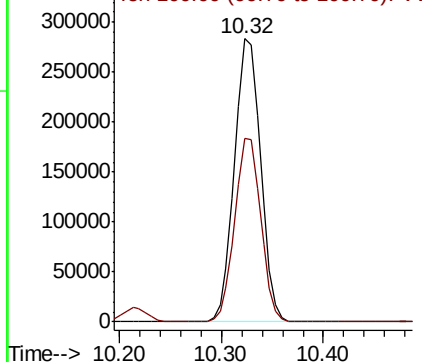
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

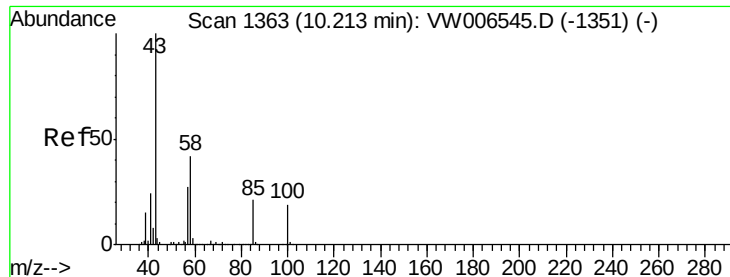


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





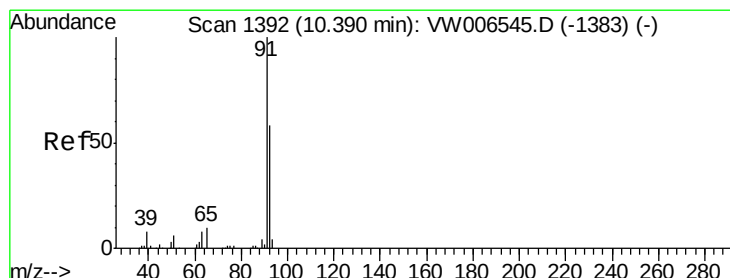
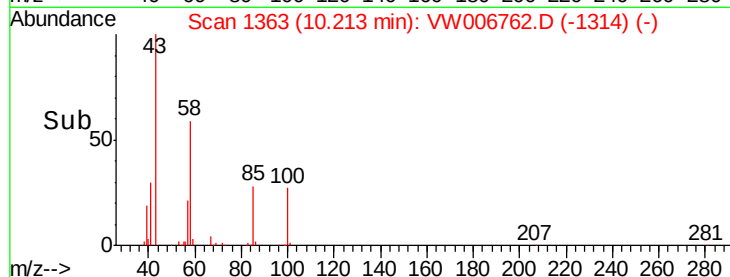
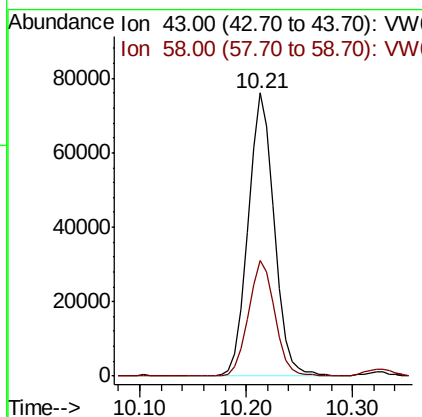
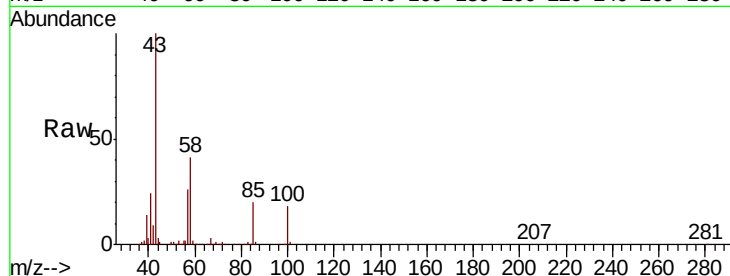
#51
 4-Methyl-2-Pentanone
 Concen: 101.353 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion: 43 Resp: 131274
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.4 50.0

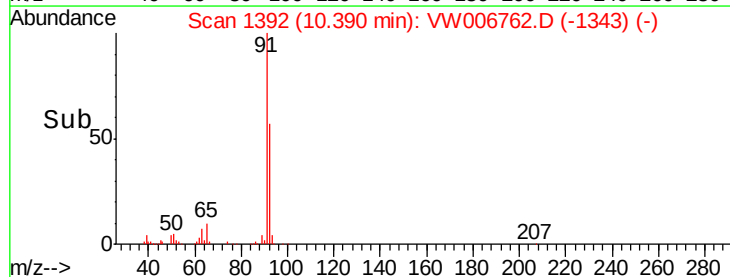
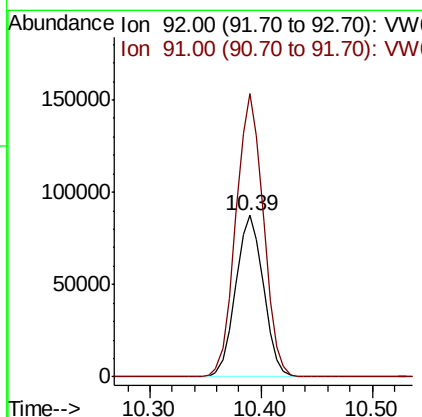
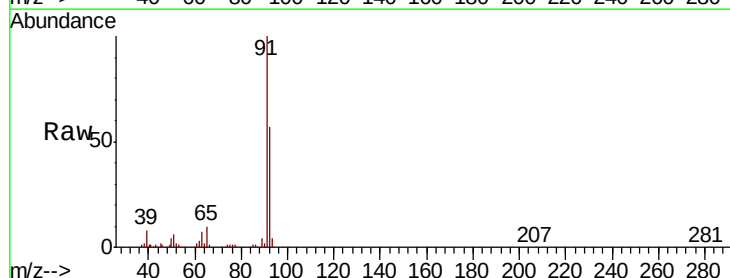
Manual Integrations
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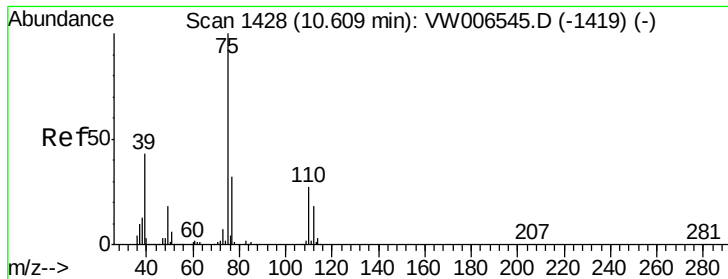
MMDadoda
 11/9/2018 1:37:39 PM



#52
 Toluene
 Concen: 21.692 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 92 Resp: 150709
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.107 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion: 75 Resp: 66837

Ion Ratio Lower Upper

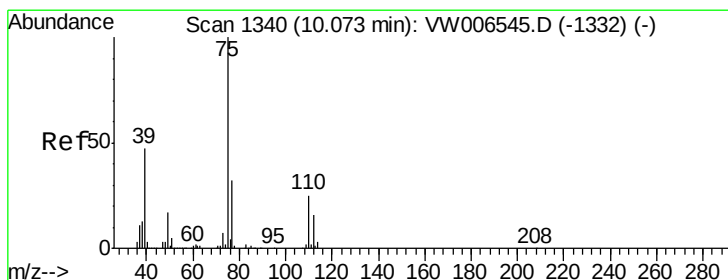
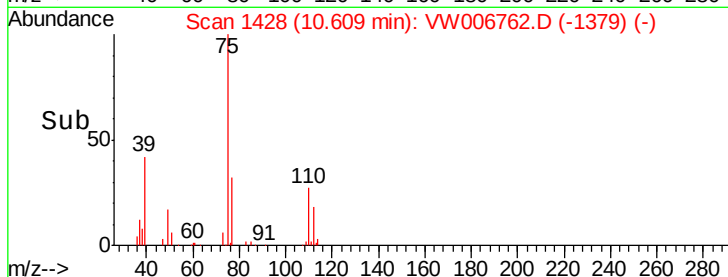
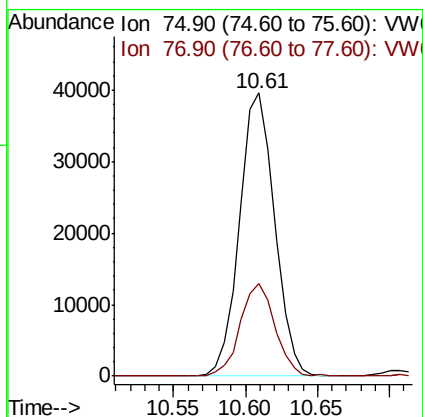
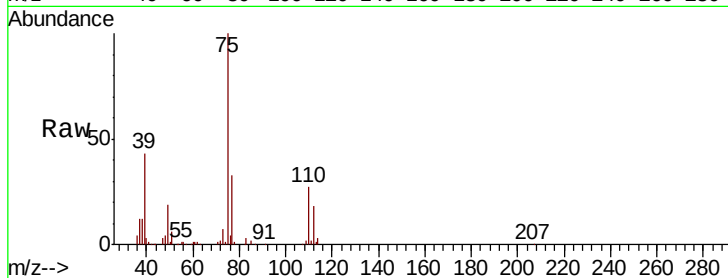
75 100

77 32.4 25.6 38.4

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11/9/2018 1:37:39 PM



#54

cis-1,3-Dichloropropene

Concen: 21.198 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

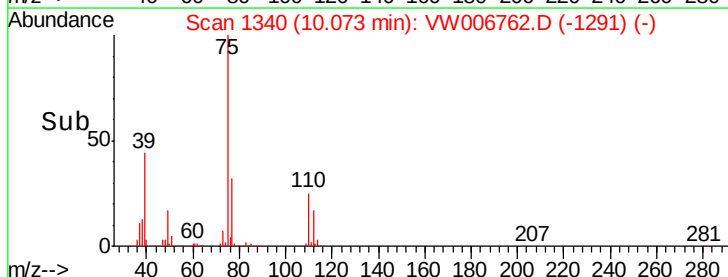
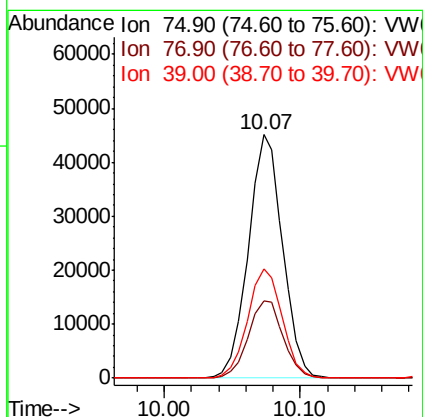
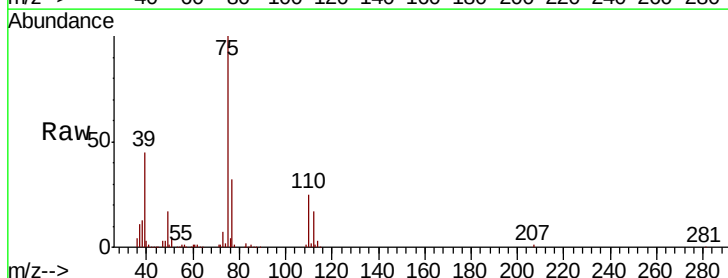
Tgt Ion: 75 Resp: 79325

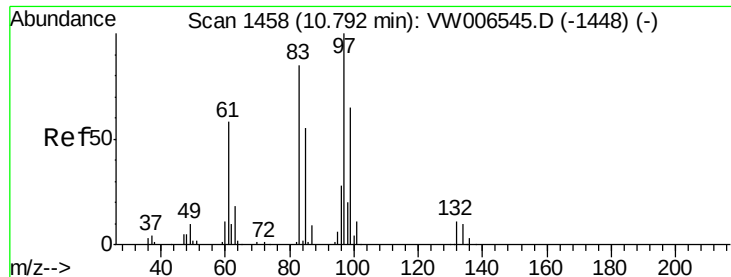
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 45.1 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 21.032 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

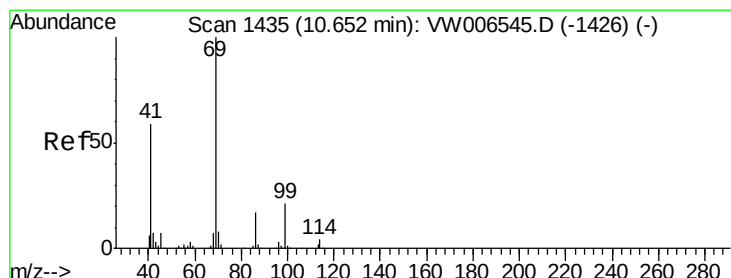
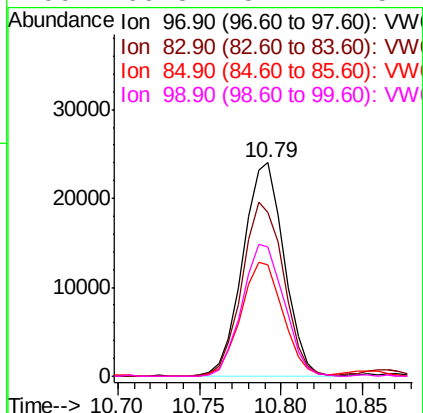
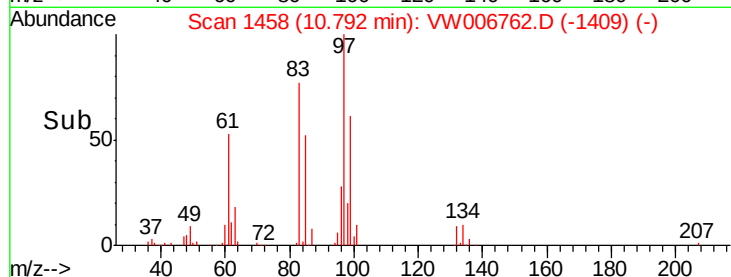
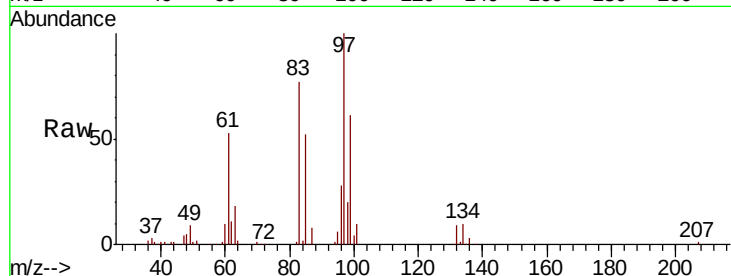
ClientSampleId :

VW1108SBS01

Tot Ion:	97	Resp:	42287
Ion	Ratio	Lower	Upper
97	100		
83	76.8	67.9	101.9
85	52.3	44.0	66.0
99	60.8	52.2	78.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.436 ug/l

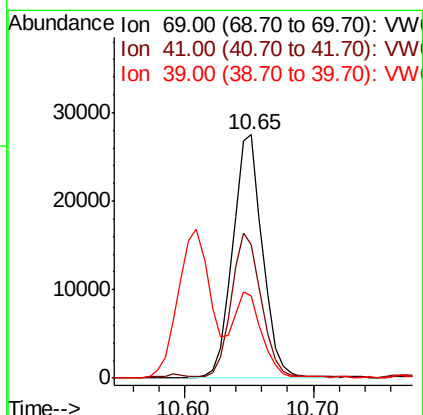
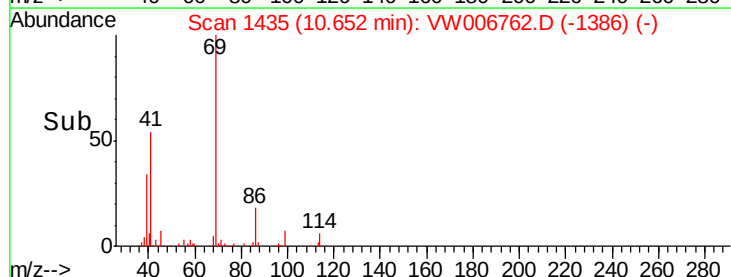
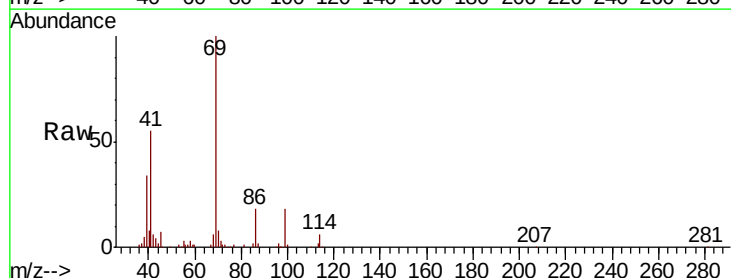
RT: 10.65 min Scan# 1435

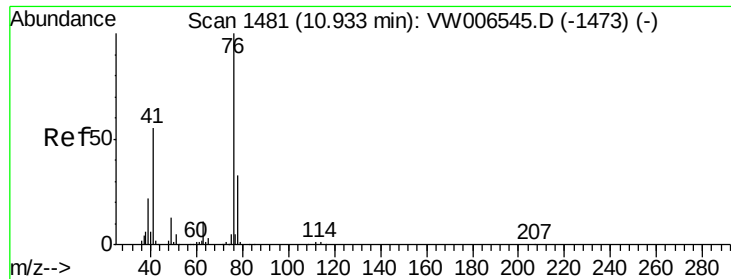
Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion:	69	Resp:	44417
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.4	71.2
39	35.1	25.3	37.9





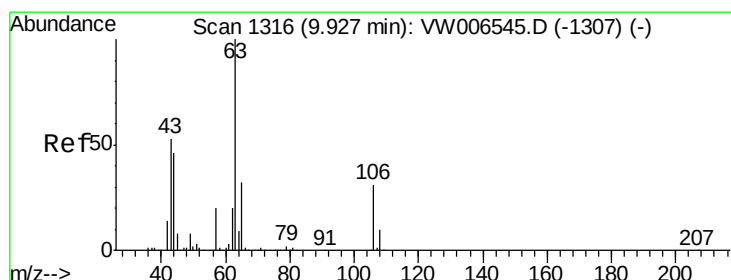
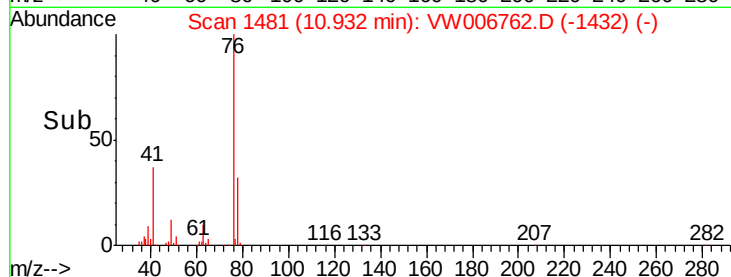
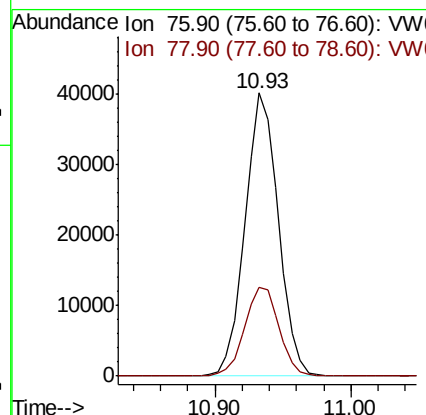
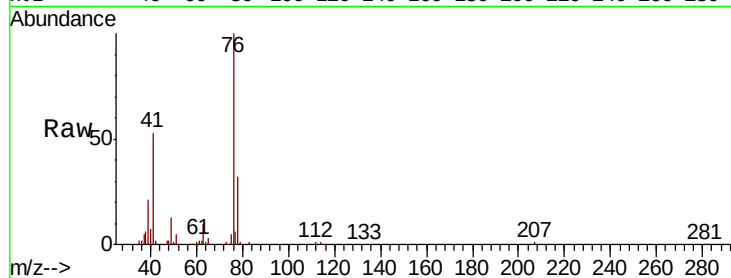
#57
 1,3-Dichloropropane
 Concen: 20.993 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.4

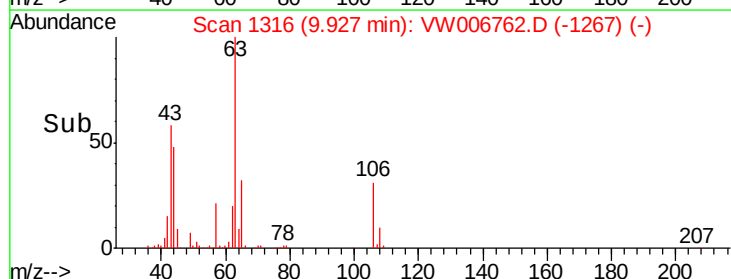
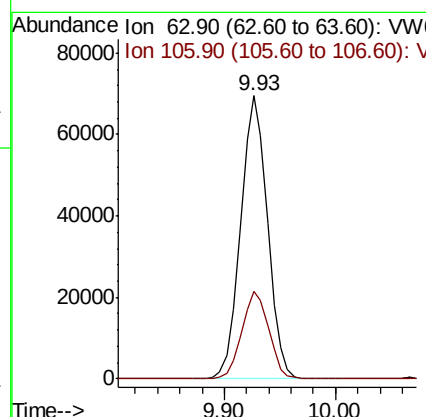
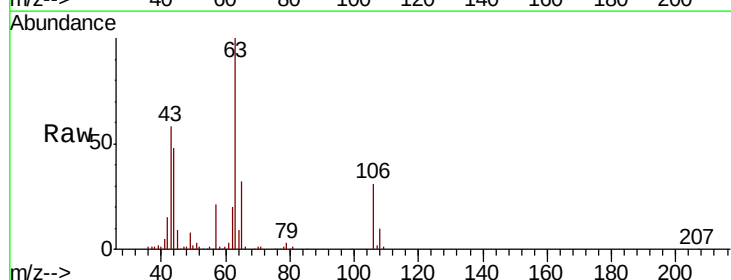
Manual Integrations
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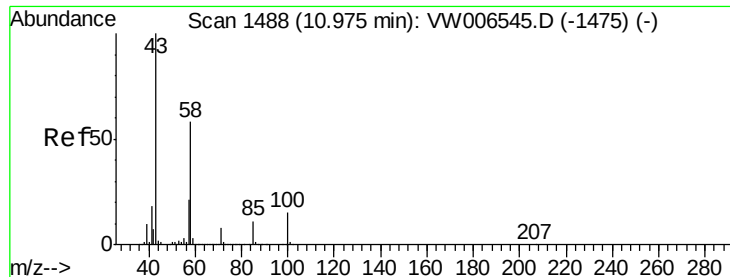
MMDadoda
 11/9/2018 1:37:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.164 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.4	38.2





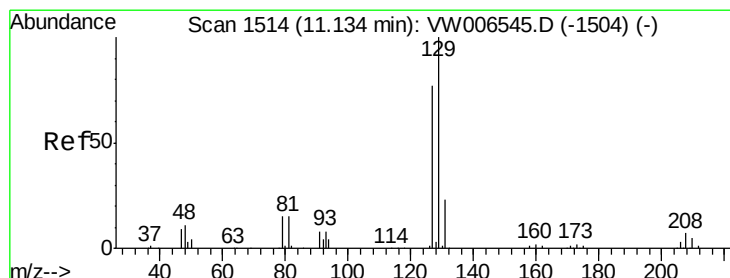
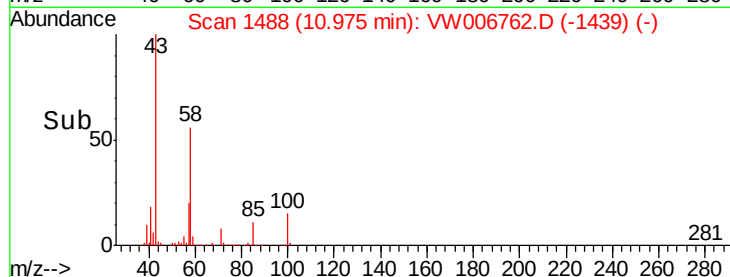
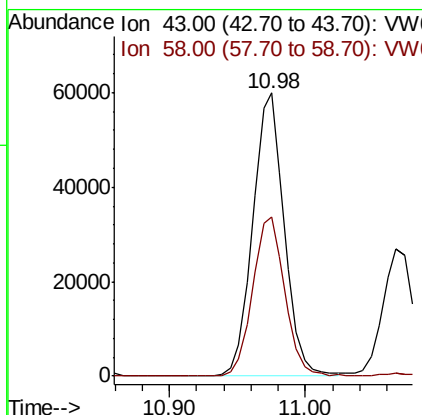
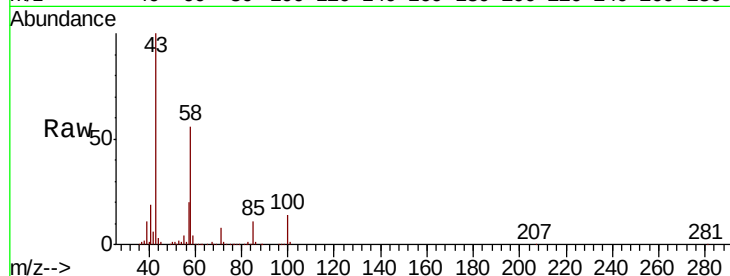
#59
2-Hexanone
Concen: 110.600 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	43	Resp	97295
Ion Ratio	100	Lower	Upper
43	100		
58	57.2	28.8	86.4

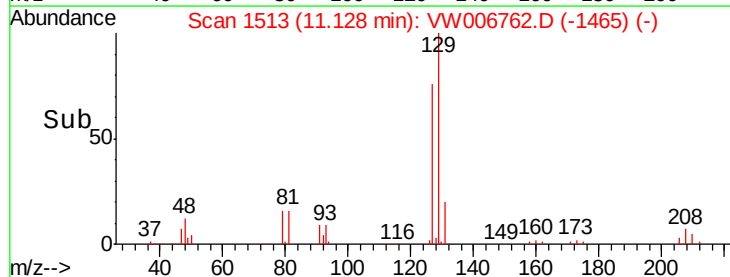
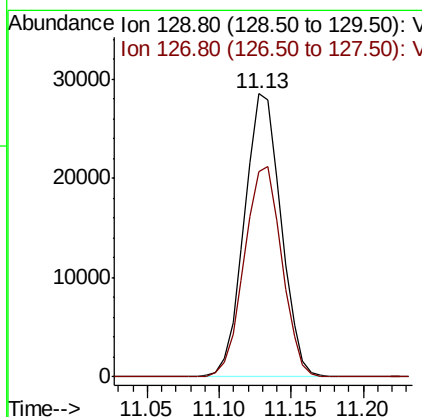
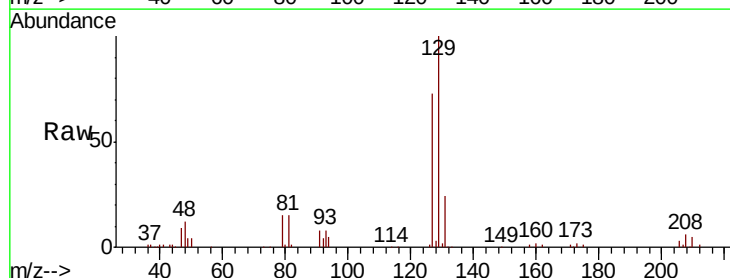
Manual Integrations
APPROVED

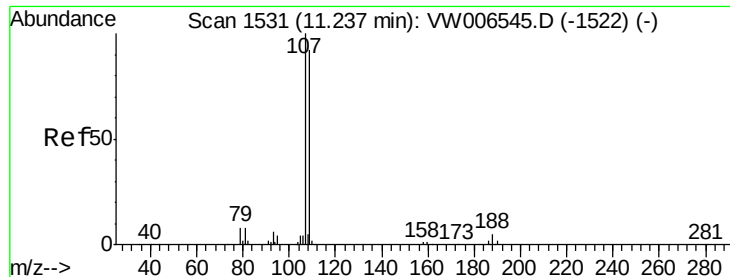
MMDadoda
11/9/2018 1:37:39 PM



#60
Dibromochloromethane
Concen: 21.087 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	129	Resp	50233
Ion Ratio	100	Lower	Upper
129	100		
127	76.0	38.8	116.3





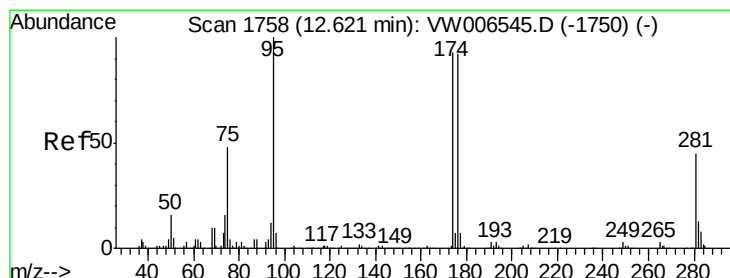
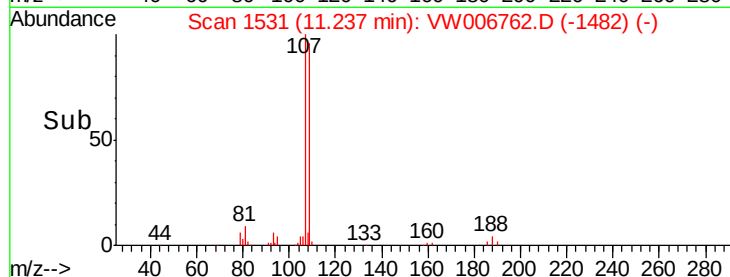
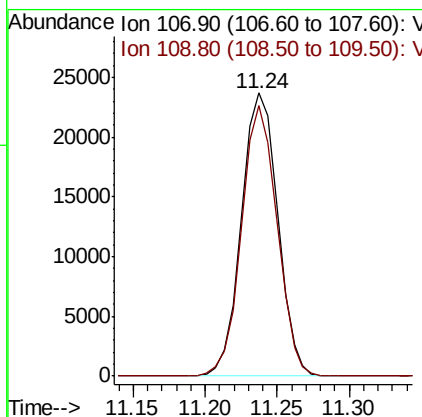
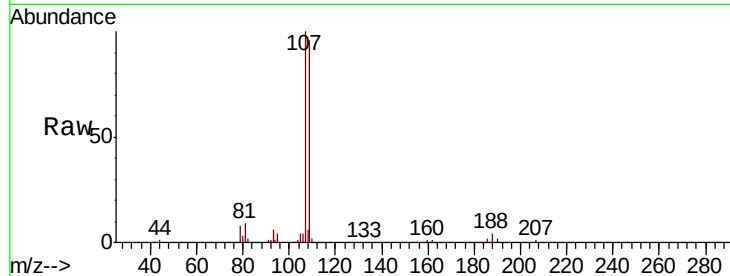
#61
 1,2-Dibromoethane
 Concen: 20.729 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion: 107 Resp: 41388
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.6

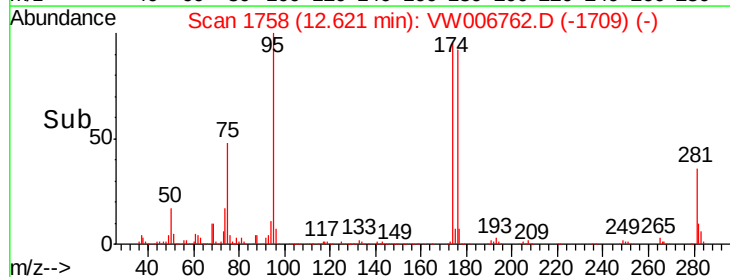
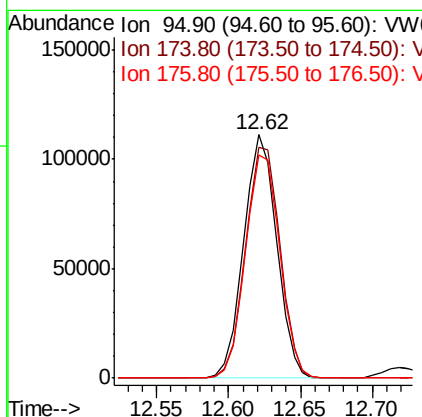
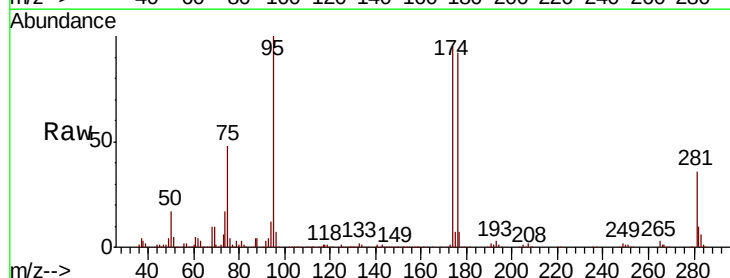
Manual Integrations
 APPROVED

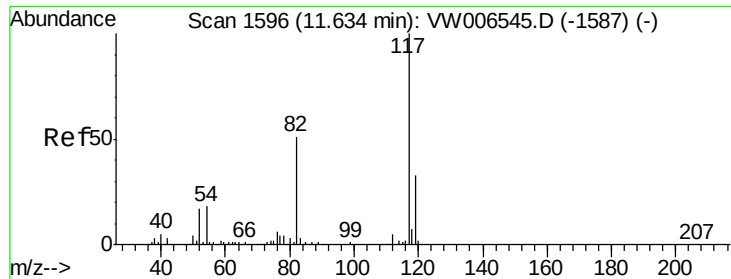
MMDadoda
 11/9/2018 1:37:39 PM



#62
 4-Bromofluorobenzene
 Concen: 49.219 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion: 95 Resp: 176791
 Ion Ratio Lower Upper
 95 100
 174 99.1 0.0 192.4
 176 95.4 0.0 187.4





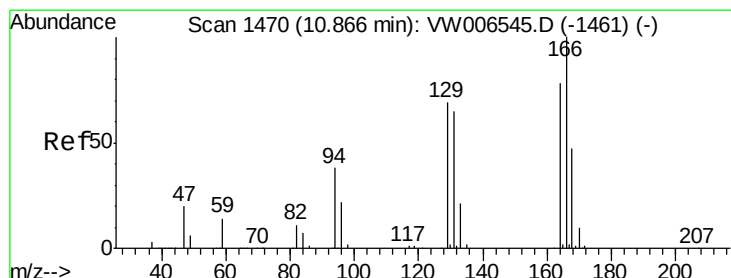
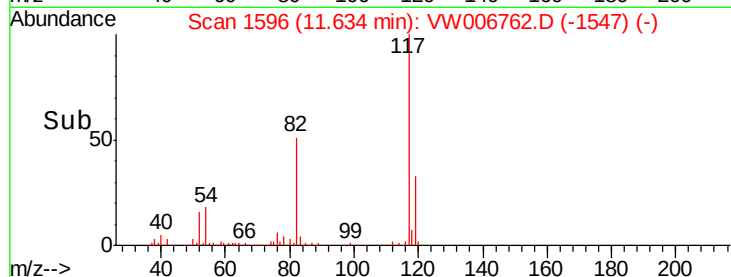
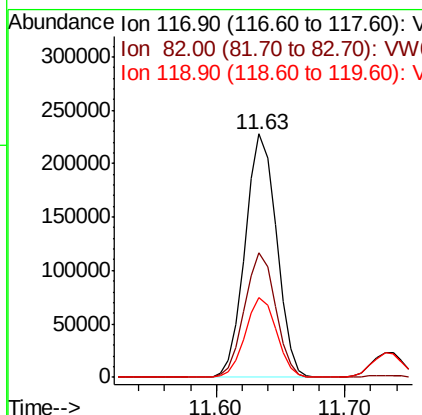
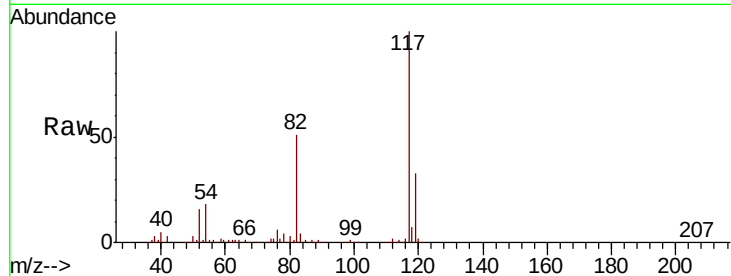
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.8	61.2
119	32.6	26.1	39.1

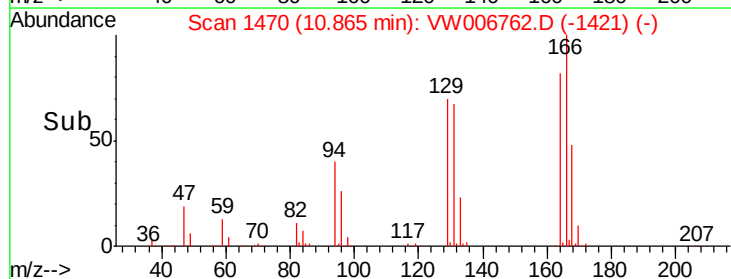
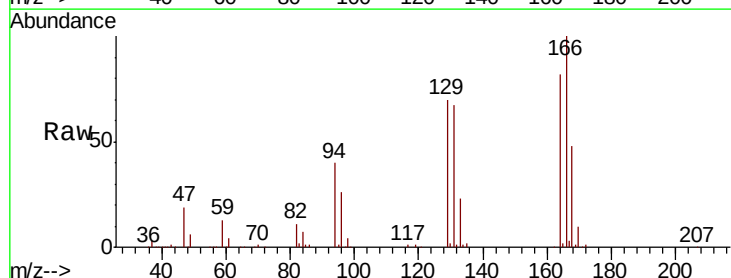
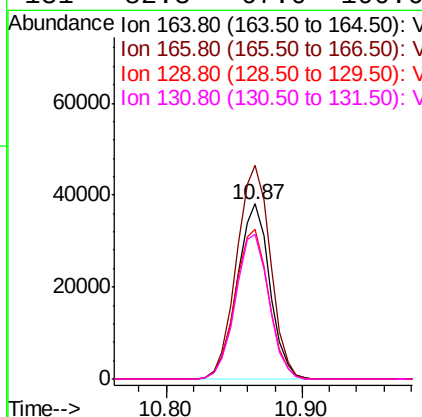
Manual Integrations
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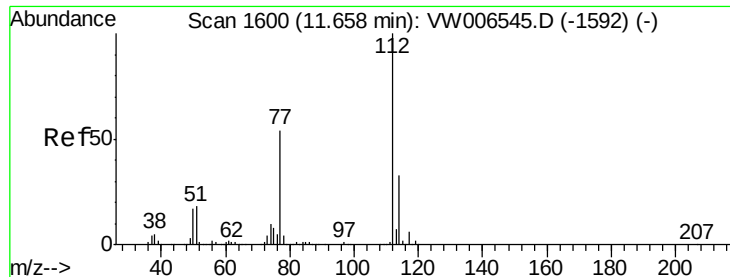
MMDadoda
11/9/2018 1:37:39 PM



#64
Tetrachloroethene
Concen: 20.977 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	102.8	154.2
129	85.8	70.9	106.3
131	82.3	67.0	100.6





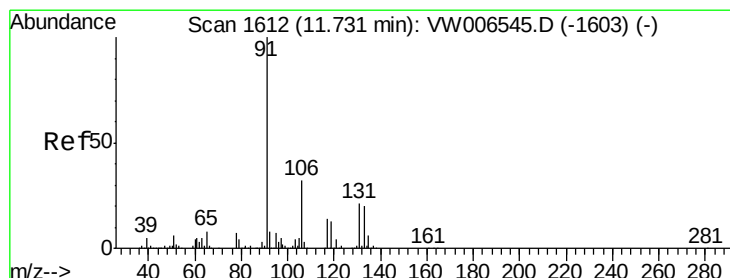
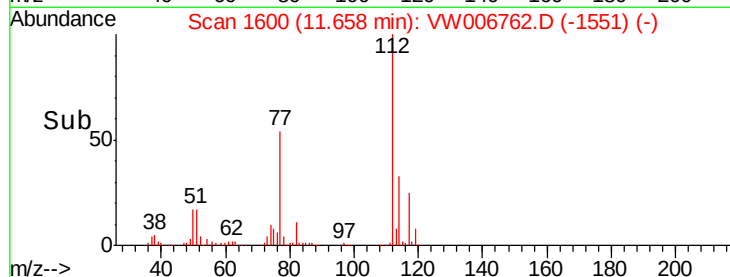
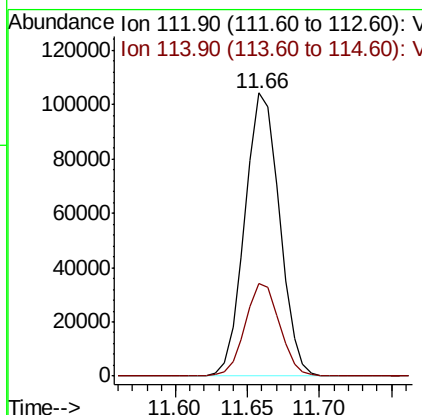
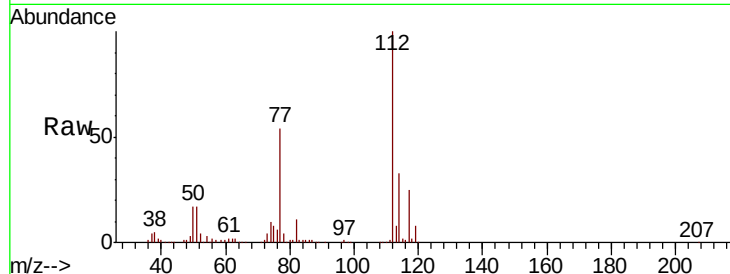
#65
Chlorobenzene
Concen: 21.614 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.2

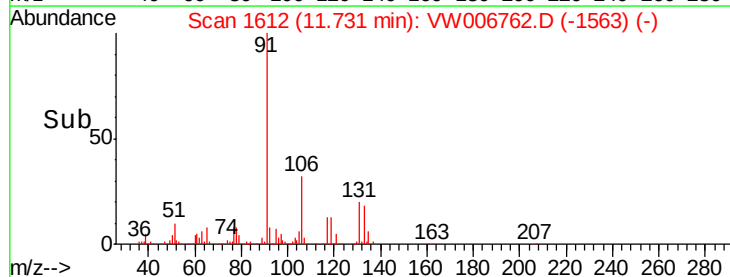
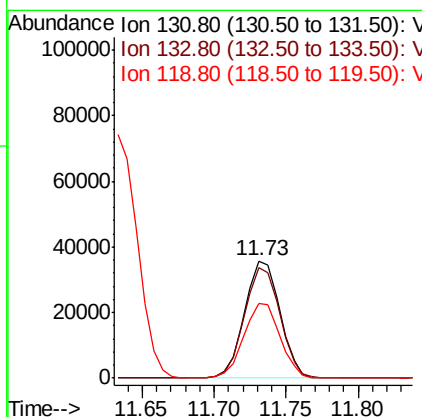
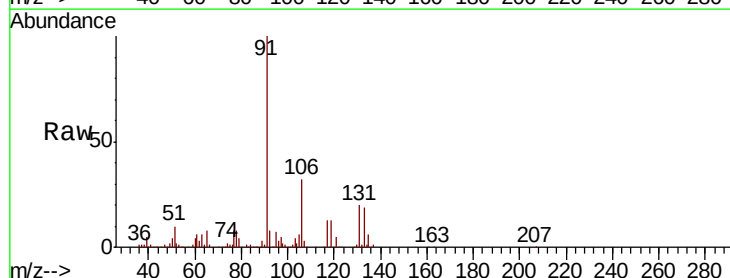
Manual Integrations
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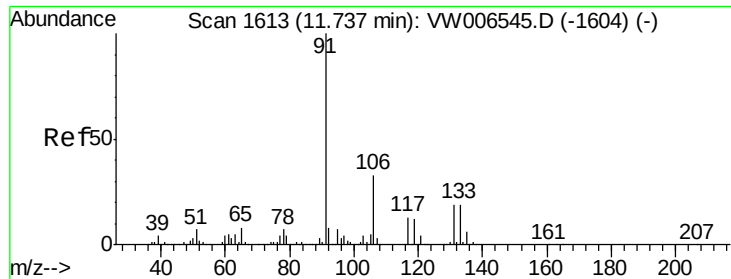
MMDadoda
11/9/2018 1:37:39 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.378 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.5	142.5
119	65.3	31.9	95.5





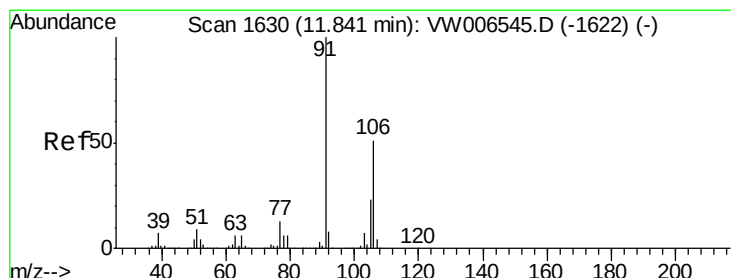
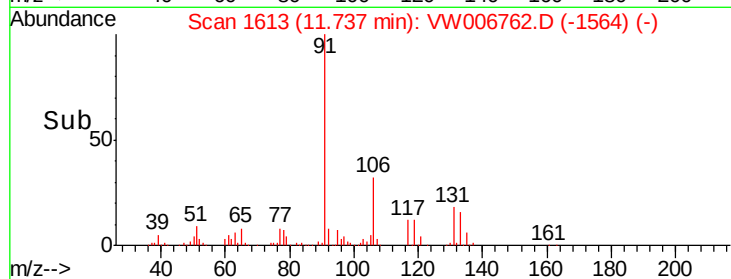
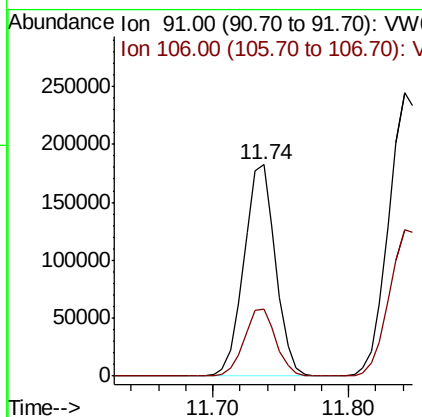
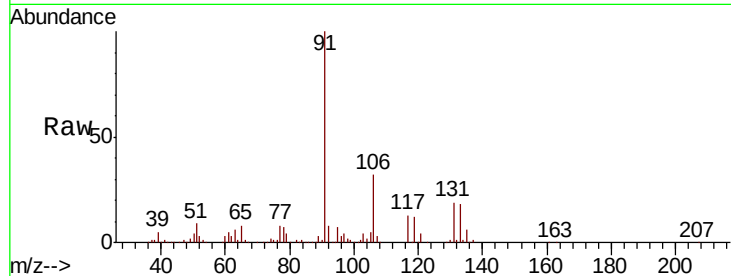
#67
Ethyl Benzene
Concen: 21.950 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.3	39.5

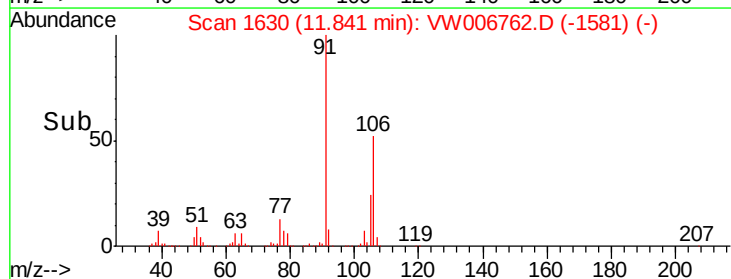
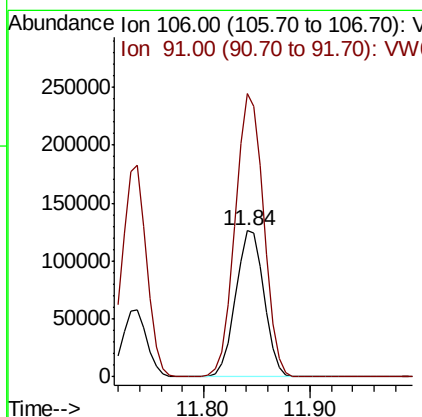
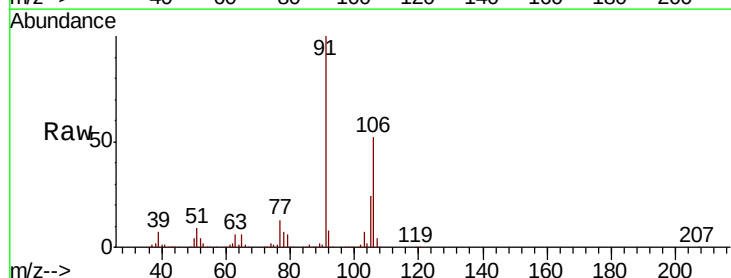
Manual Integrations
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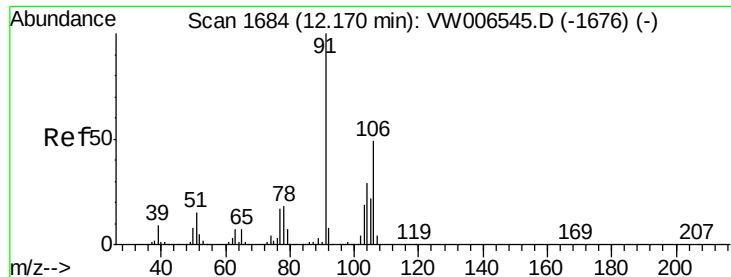
MMDadoda
11/9/2018 1:37:39 PM



#68
m/p-Xylenes
Concen: 43.901 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.5	156.7	235.1





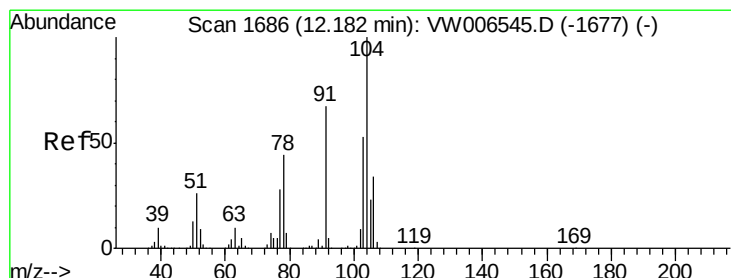
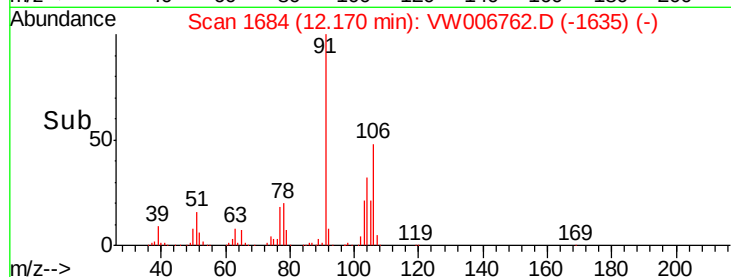
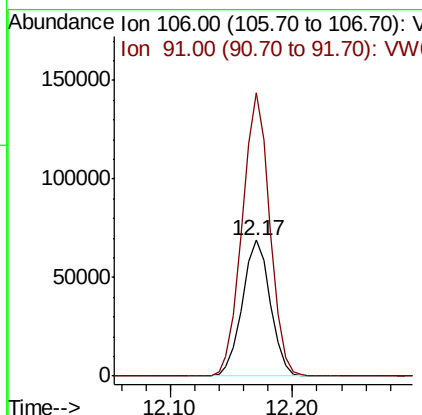
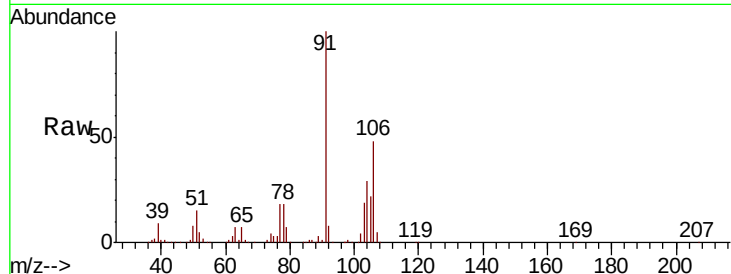
#69
o-Xylene
Concen: 21.410 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.3	102.8	308.4

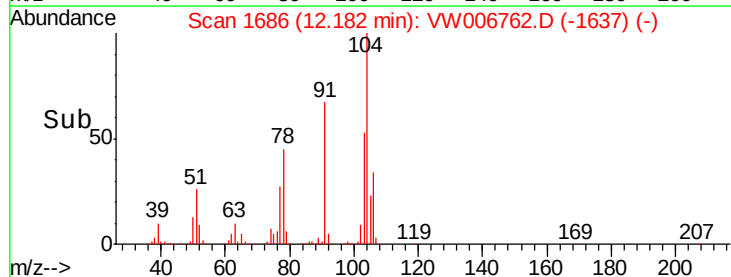
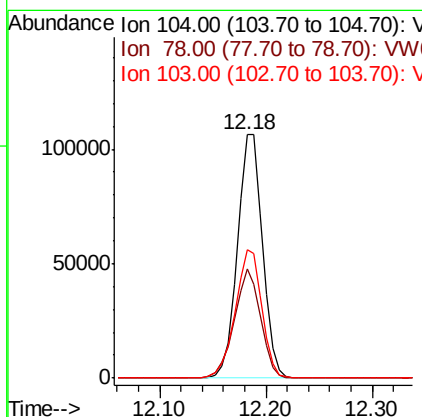
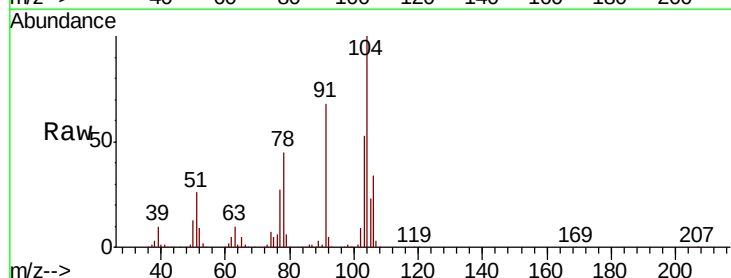
Manual Integrations
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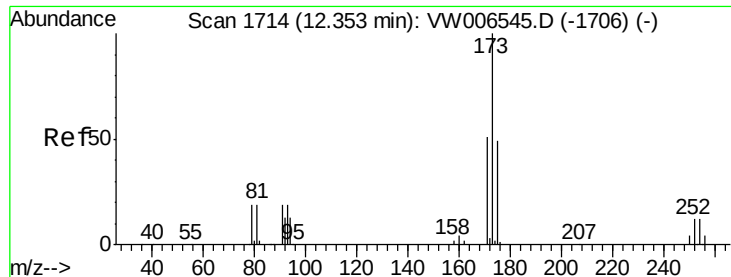
MMDadoda
11/9/2018 1:37:39 PM



#70
Styrene
Concen: 21.106 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.8	37.2	55.8
103	55.7	44.2	66.2





#71

Bromoform

Concen: 20.724 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion:173 Resp: 31102

Ion Ratio Lower Upper

173 100

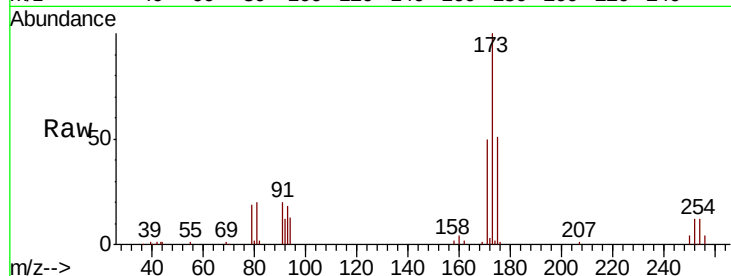
175 49.5 24.1 72.4

254 0.0 0.1 0.1#

Manual Integrations
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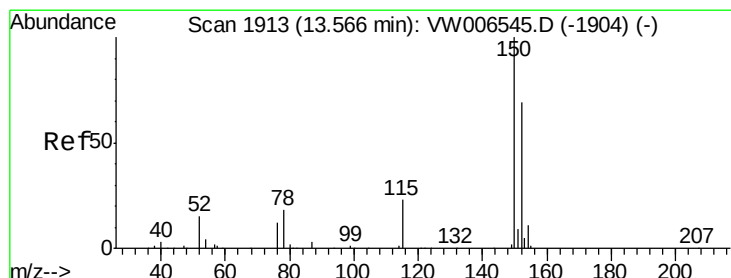
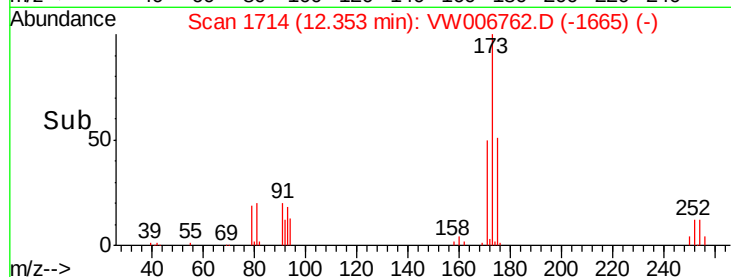
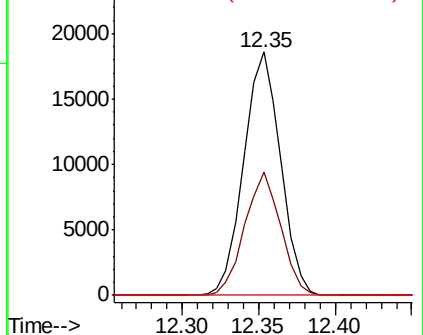
11/9/2018 1:37:39 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

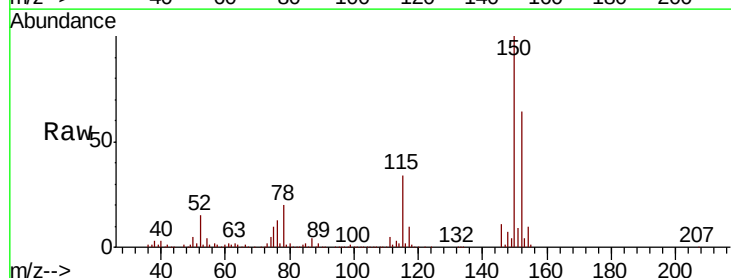
Tgt Ion:152 Resp: 217900

Ion Ratio Lower Upper

152 100

115 53.1 26.6 79.8

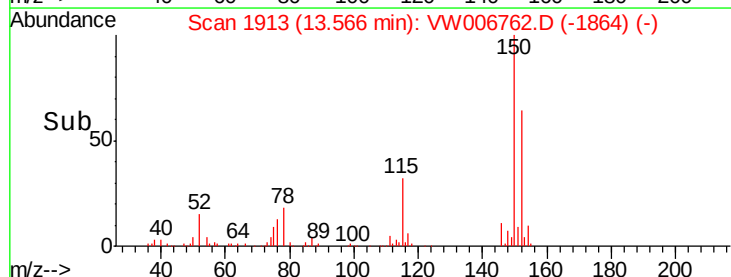
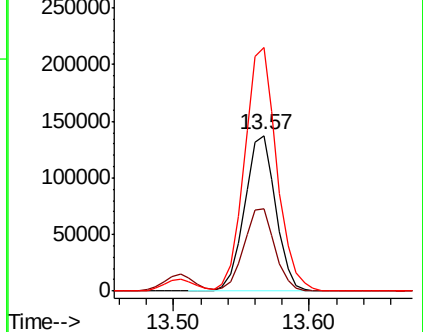
150 162.8 0.0 344.6

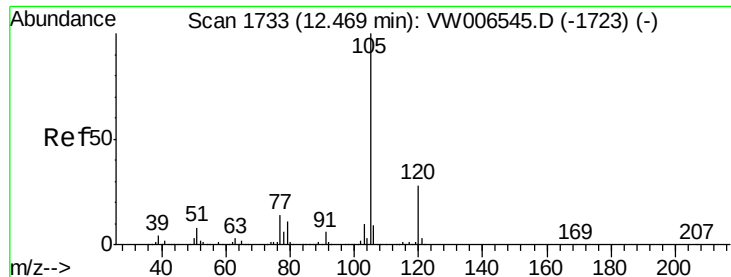


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.339 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion:105 Resp: 306306

Ion Ratio Lower Upper

105 100

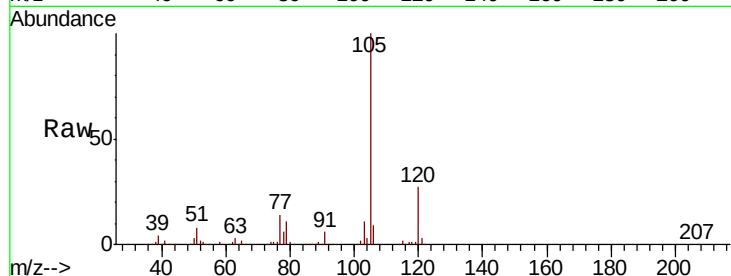
120 27.4 13.7 41.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

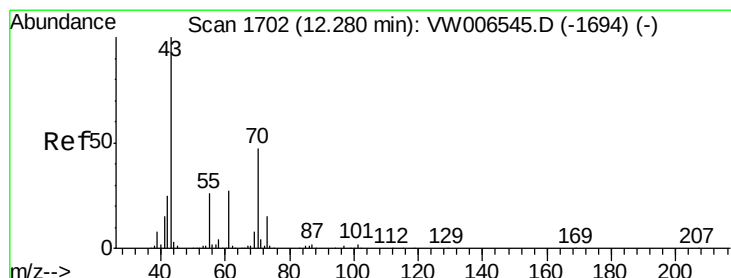
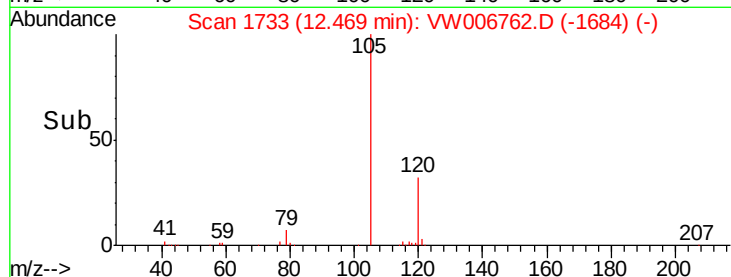
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.259 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion: 43 Resp: 47772

Ion Ratio Lower Upper

43 100

70 47.3 36.9 55.3

55 28.5 20.7 31.1

61 26.1 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

40000

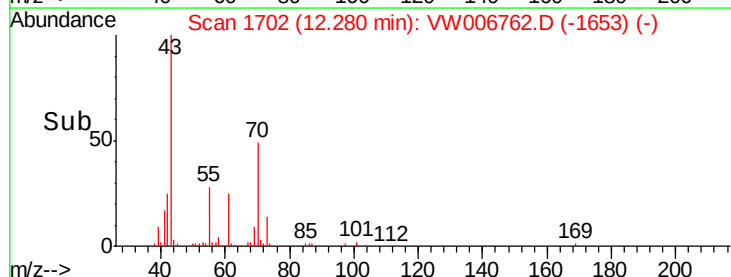
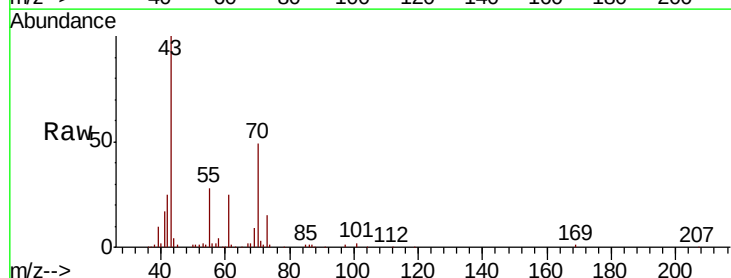
30000

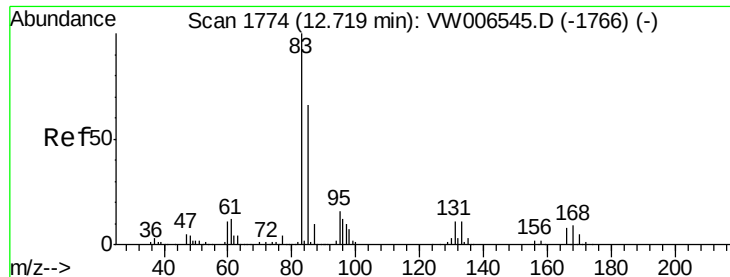
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.965 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

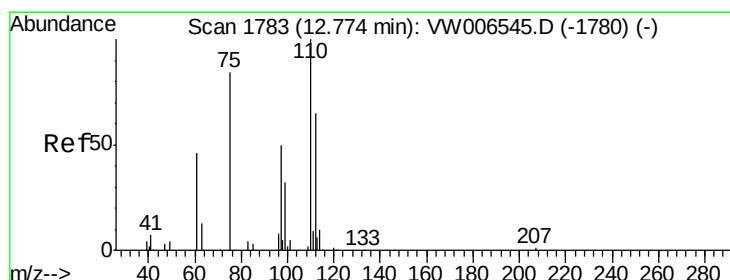
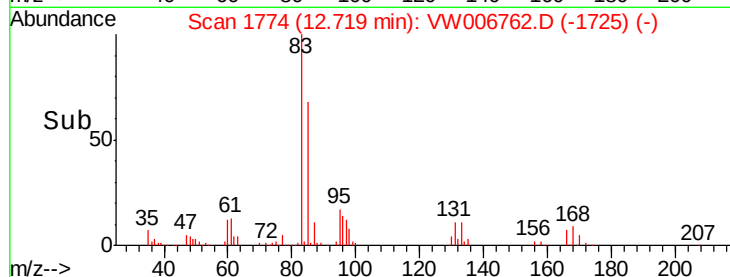
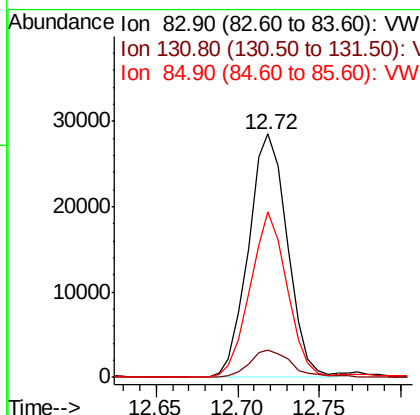
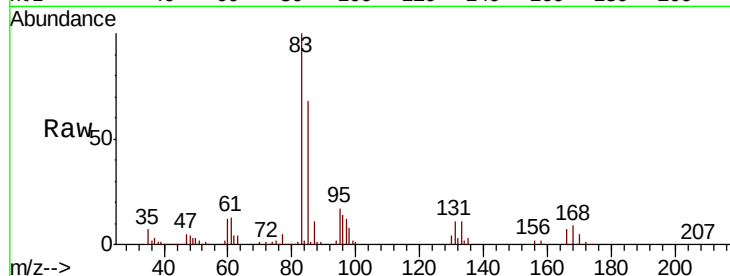
ClientSampleId :

VW1108SBSD01

Tot Ion:	83	Resp:	47530
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.9	17.7
85	64.6	32.3	96.8

Manual Integrations
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11/9/2018 1:37:39 PM



#76

1,2,3-Trichloropropane

Concen: 18.404 ug/l m

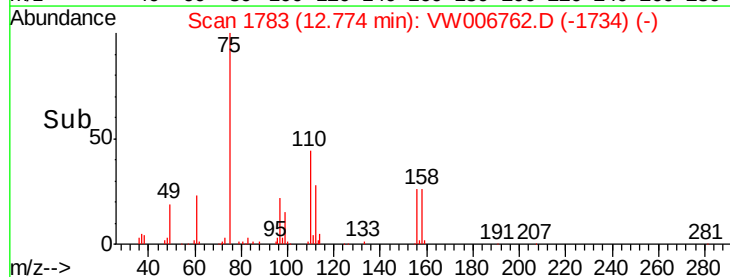
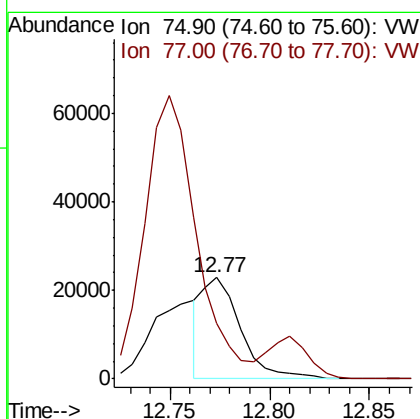
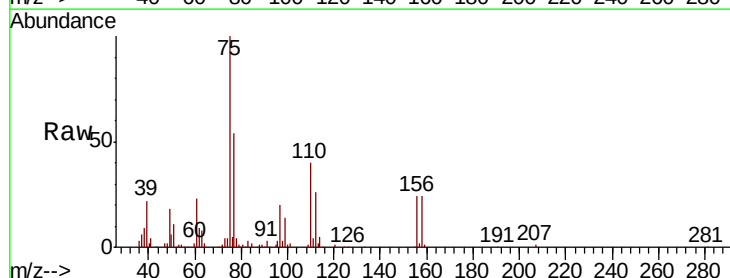
RT: 12.77 min Scan# 1783

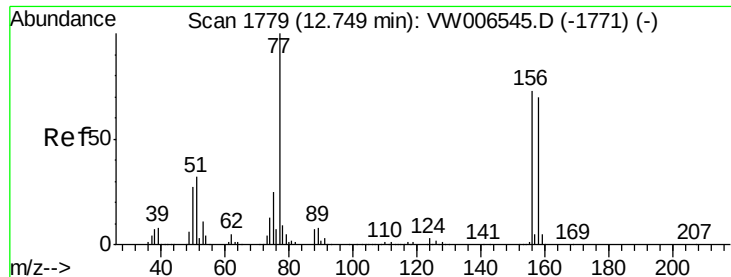
Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion:	75	Resp:	31289
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.063 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

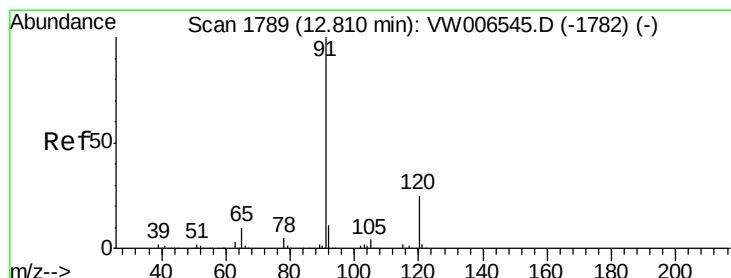
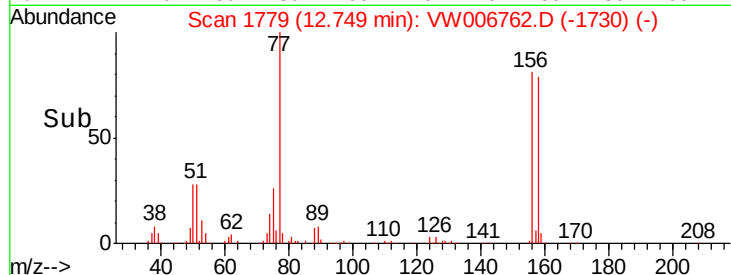
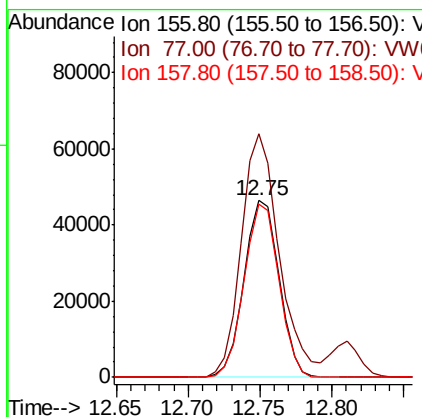
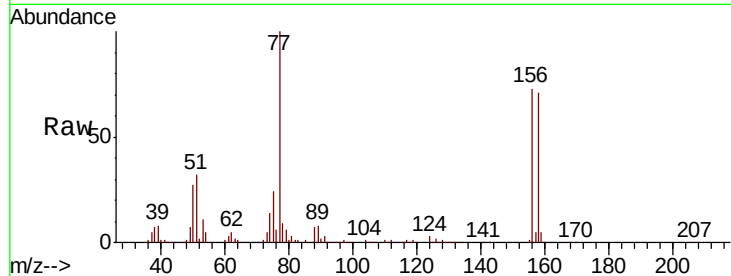
ClientSampleId :

VW1108SBS01

Tot Ion:	156	Resp:	78280
Ion Ratio	Lower	Upper	
156	100		
77	149.6	75.9	227.8
158	96.9	48.6	145.9

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#78

n-propylbenzene

Concen: 21.996 ug/l

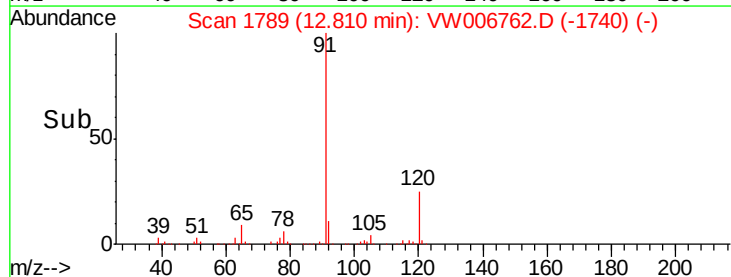
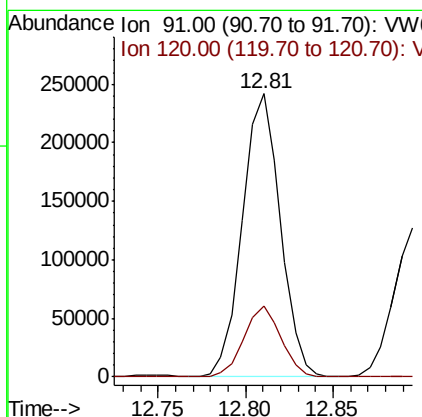
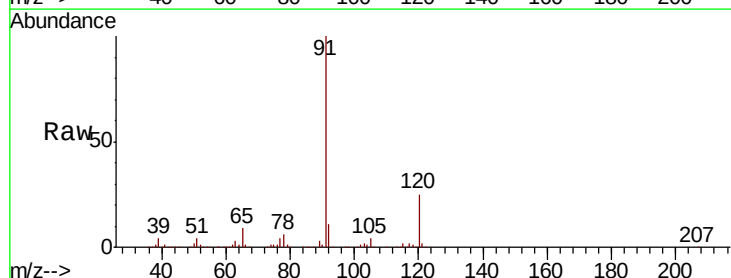
RT: 12.81 min Scan# 1789

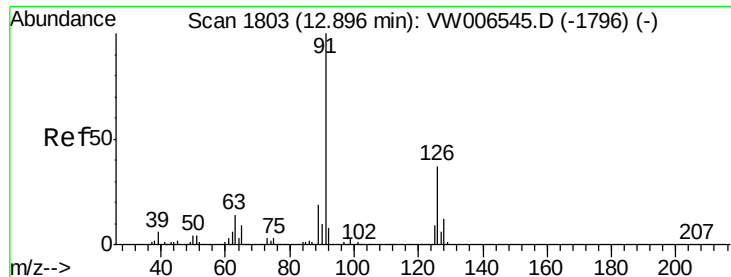
Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Tgt Ion:	91	Resp:	363163
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.4	37.0





#79

2-Chlorotoluene

Concen: 21.301 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion: 91 Resp: 201834

Ion Ratio Lower Upper

91 100

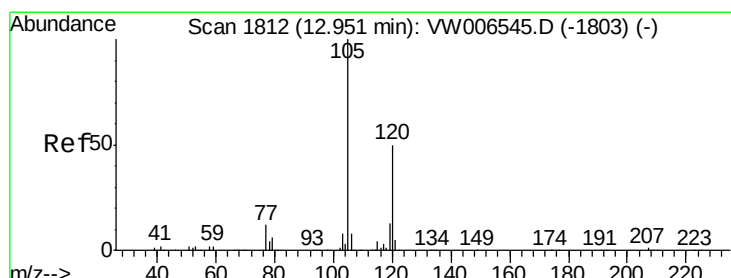
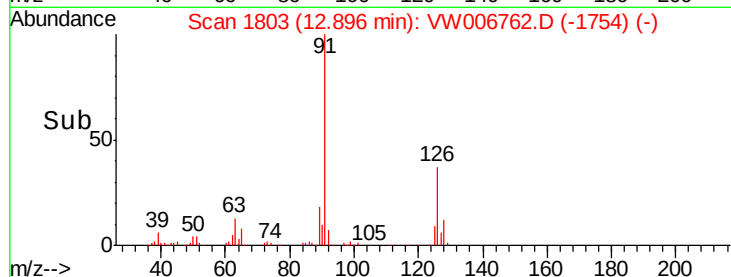
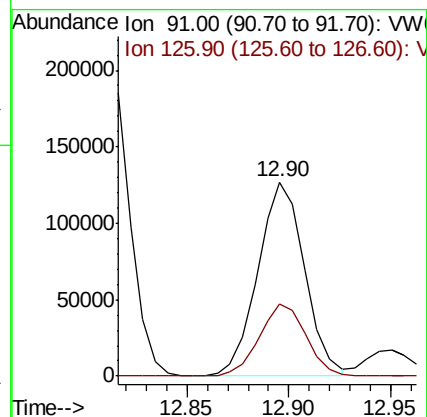
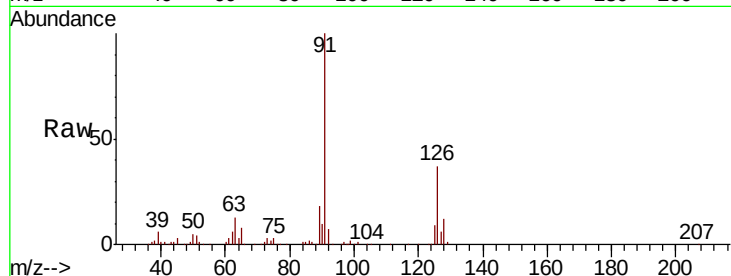
126 37.0 18.5 55.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.548 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006762.D

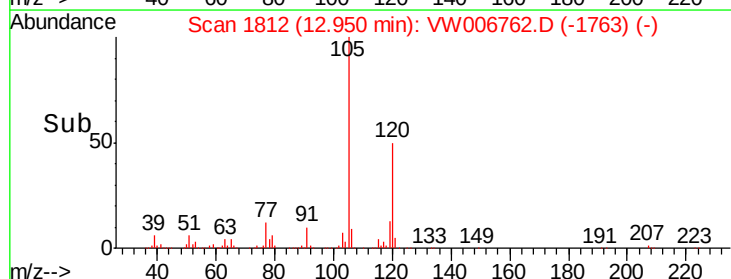
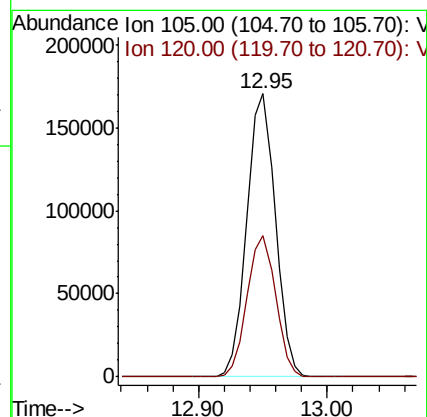
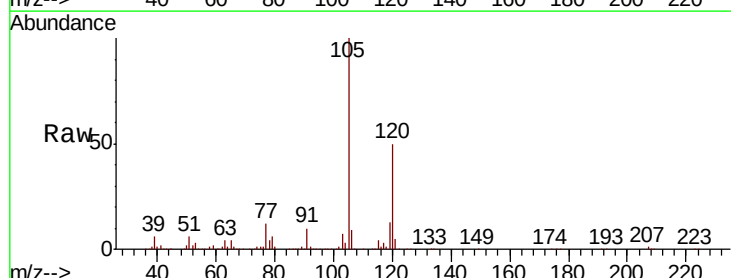
Acq: 08 Nov 2018 13:40

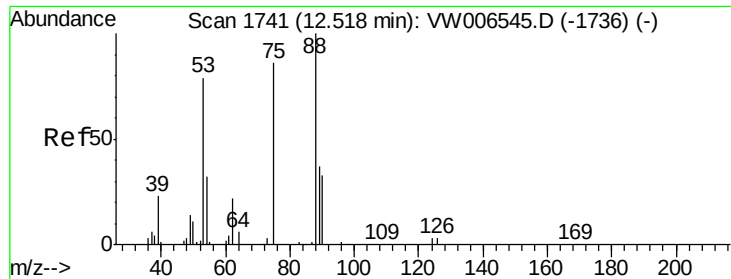
Tgt Ion:105 Resp: 259851

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





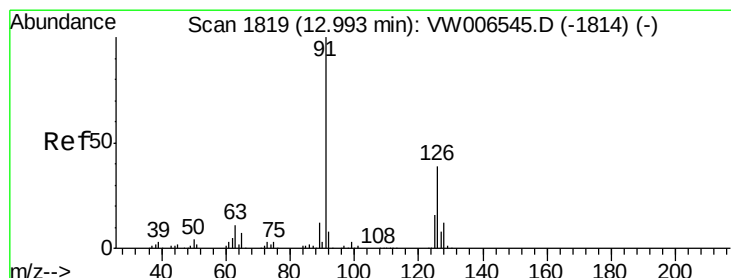
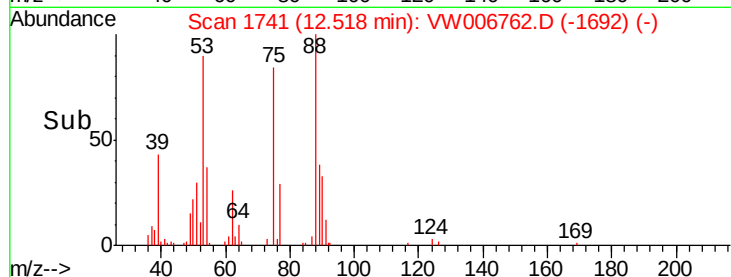
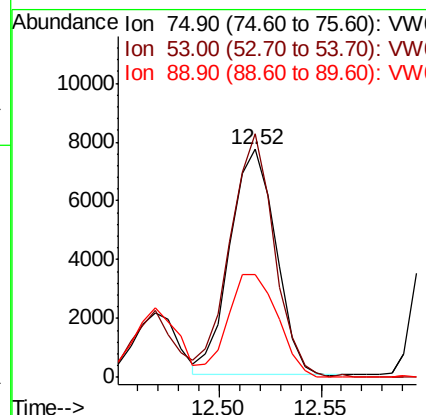
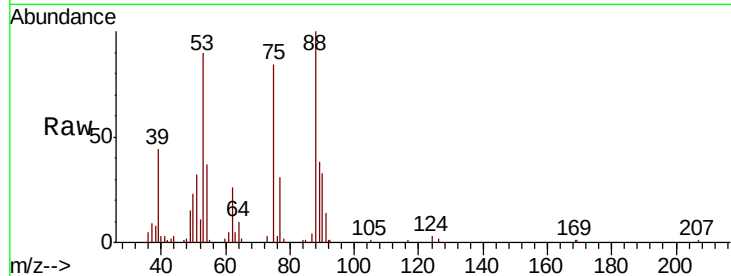
#81
trans-1,4-Dichloro-2-butene
Concen: 19.874 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	77.2	115.8
89	50.5	38.6	58.0

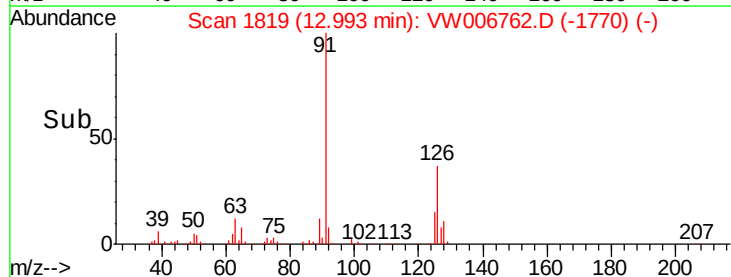
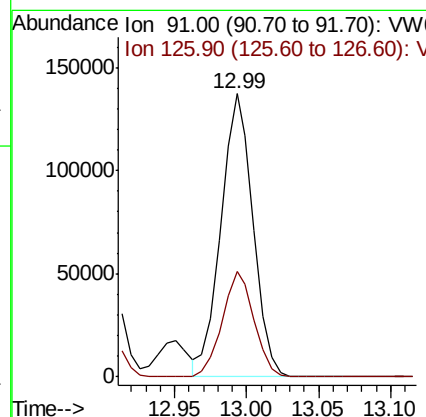
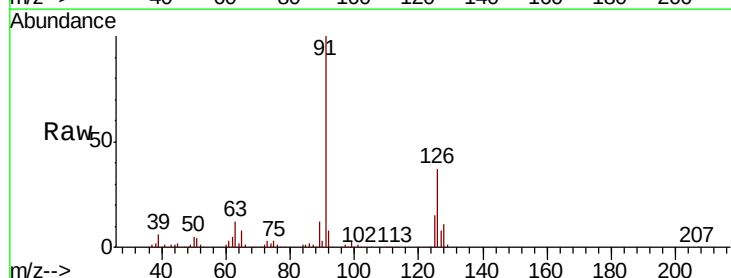
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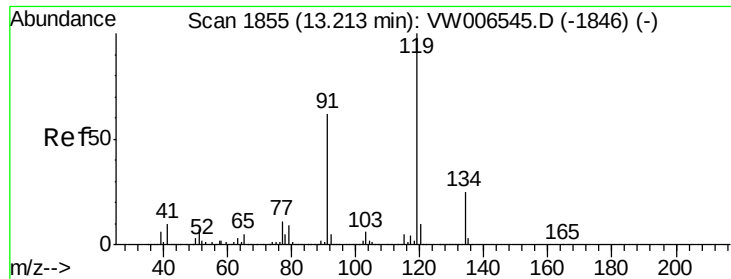
MMDadoda
11/9/2018 1:37:39 PM



#82
4-Chlorotoluene
Concen: 21.364 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.5	55.5





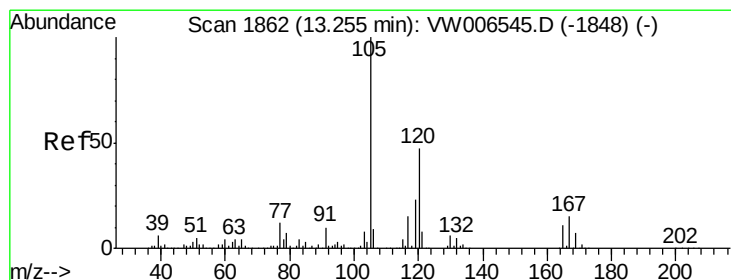
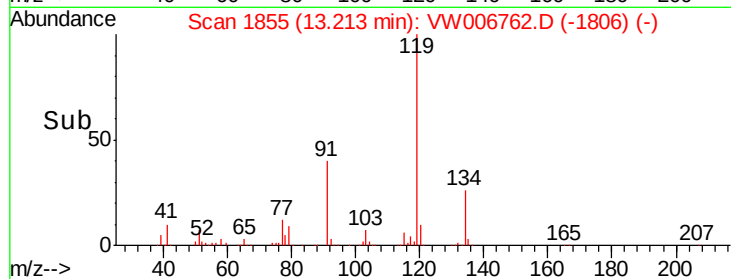
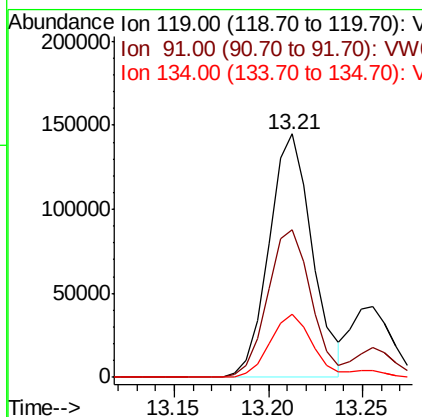
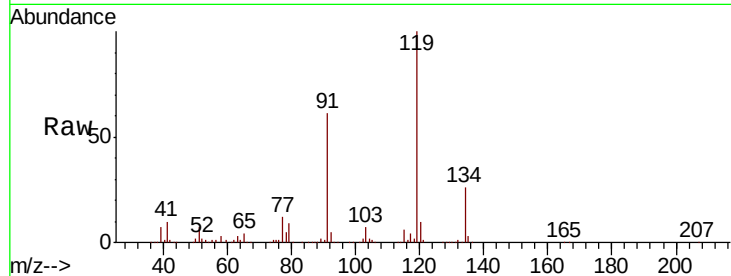
#83
tert-Butylbenzene
Concen: 21.415 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	230296		
91	60.9		30.4	91.3
134	25.4		13.5	40.4

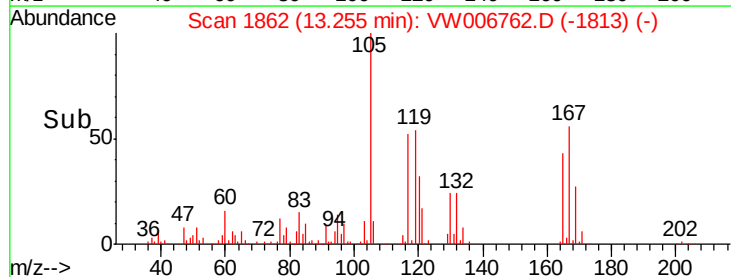
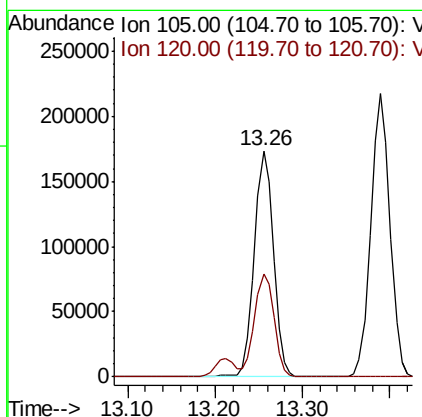
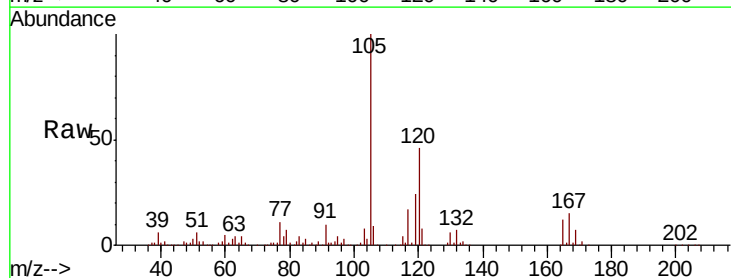
Manual Integrations
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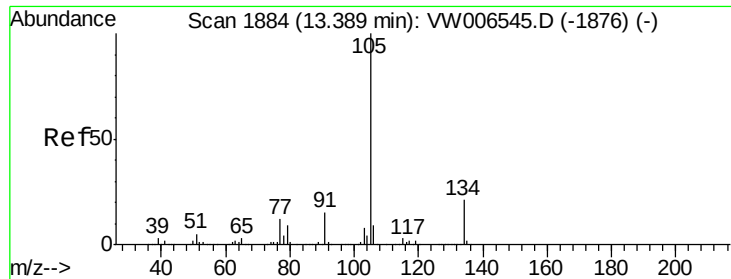
MMDadoda
11/9/2018 1:37:39 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.306 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263536		
120	46.1		23.2	69.6





#85

sec-Butylbenzene

Concen: 22.037 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

Tot Ion:105 Resp: 331923

Ion Ratio Lower Upper

105 100

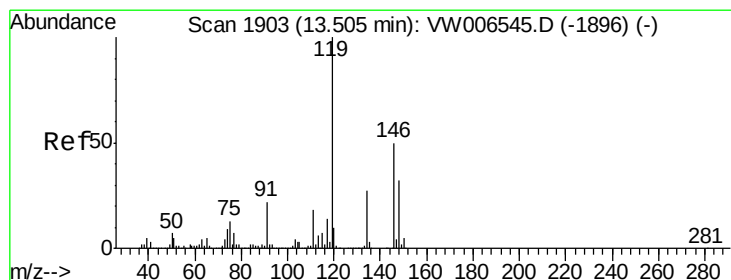
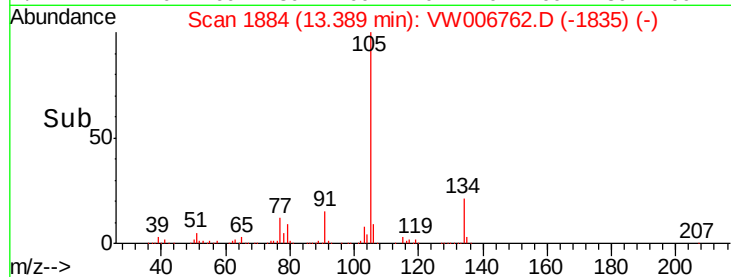
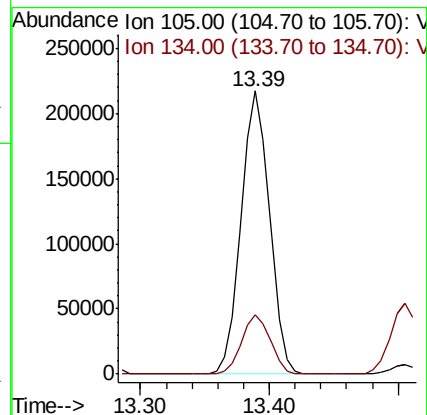
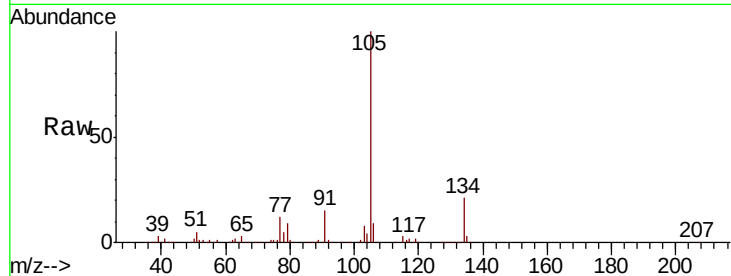
134 21.1 10.6 31.8

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11/9/2018 1:37:39 PM



#86

p-Isopropyltoluene

Concen: 21.867 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006762.D

Acq: 08 Nov 2018 13:40

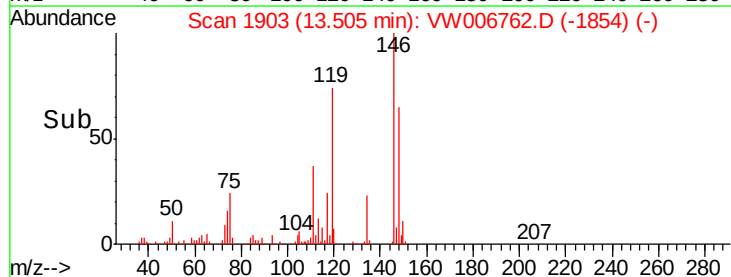
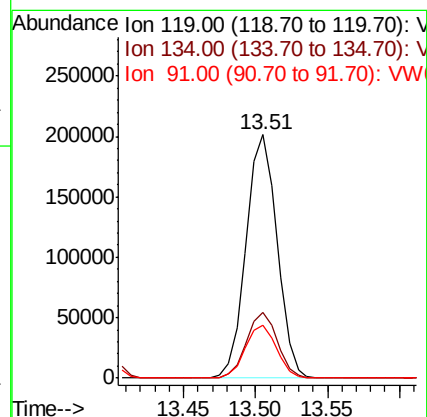
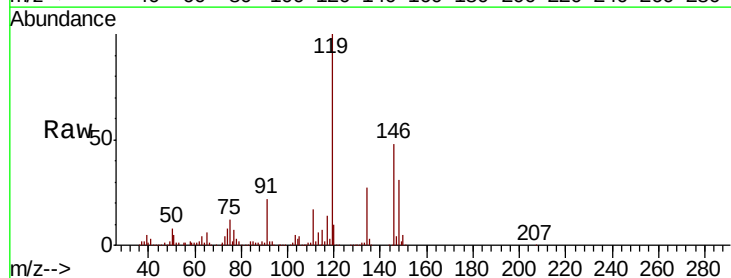
Tgt Ion:119 Resp: 299687

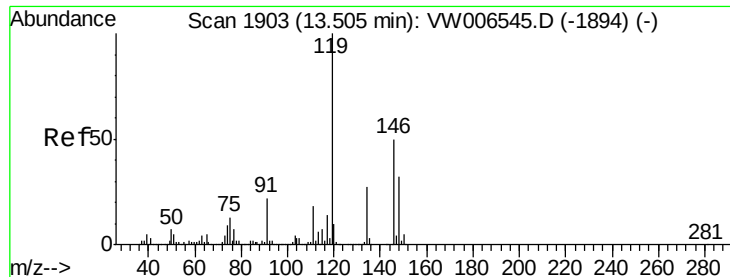
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 21.9 10.9 32.6





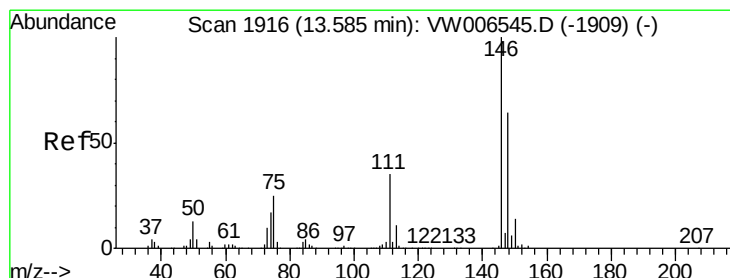
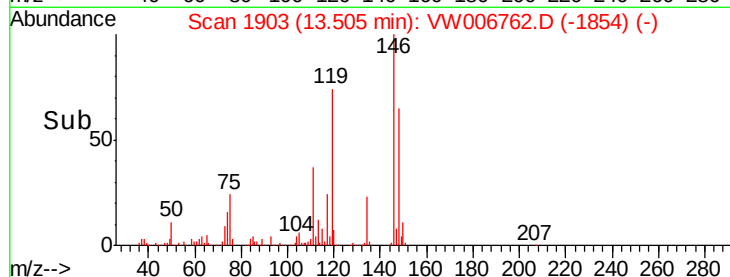
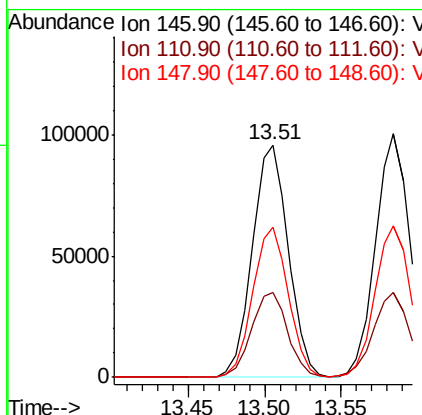
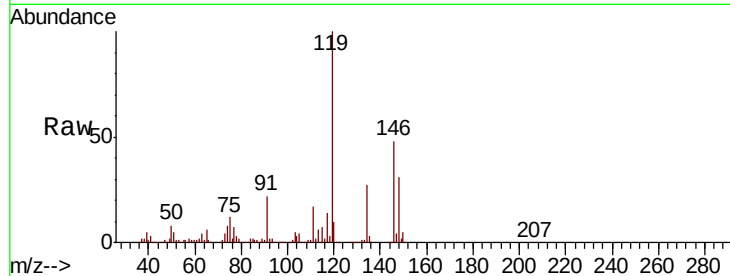
#87
 1,3-Dichlorobenzene
 Concen: 21.462 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	63.7	32.1	96.3

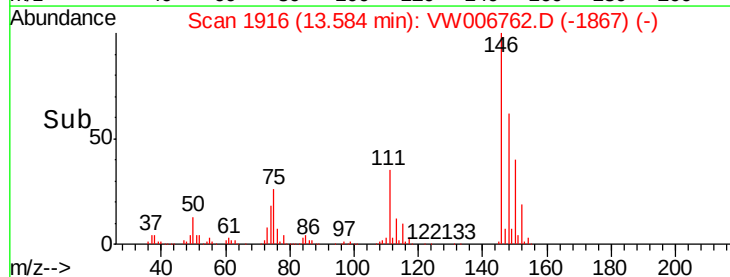
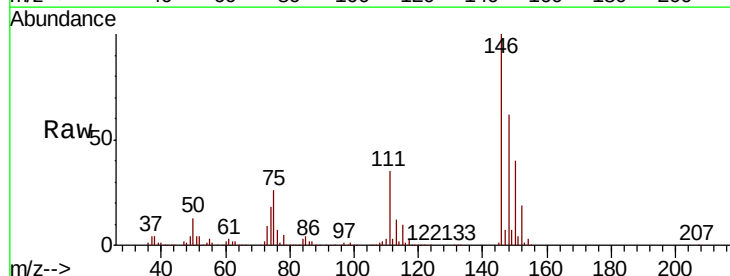
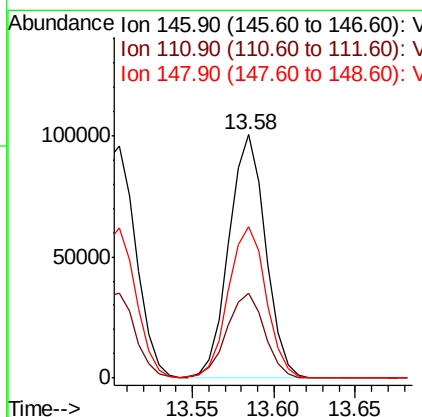
Manual Integrations
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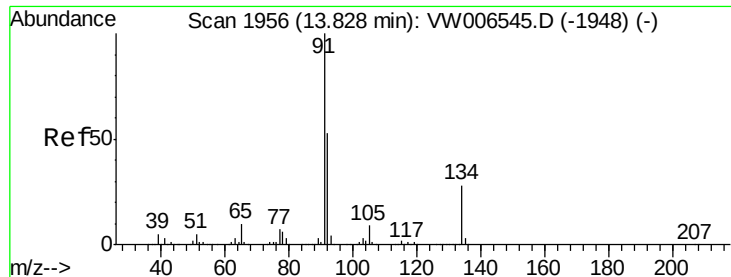
MMDadoda
 11/9/2018 1:37:39 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.584 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.9	53.7
148	64.5	32.1	96.5





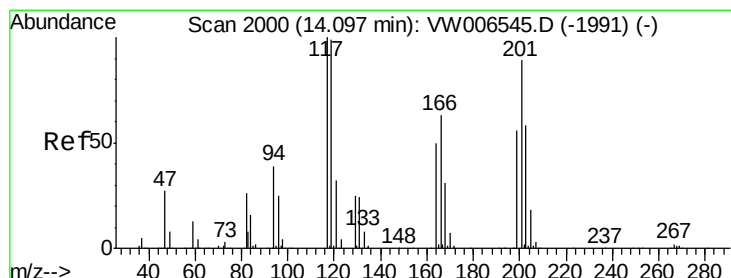
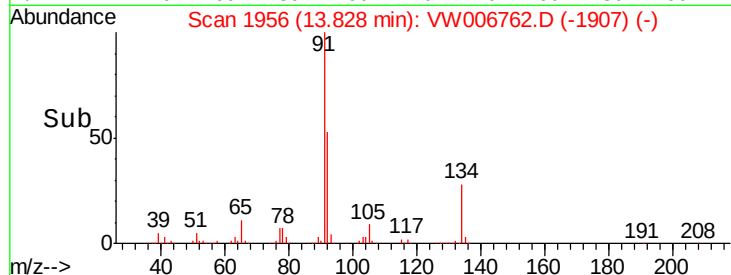
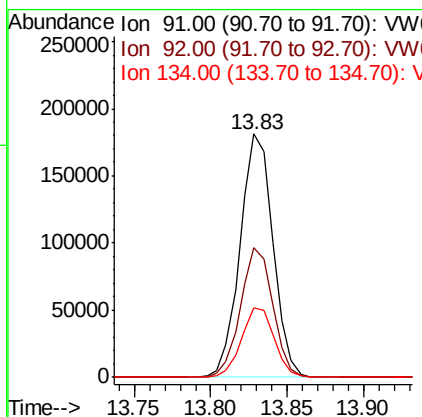
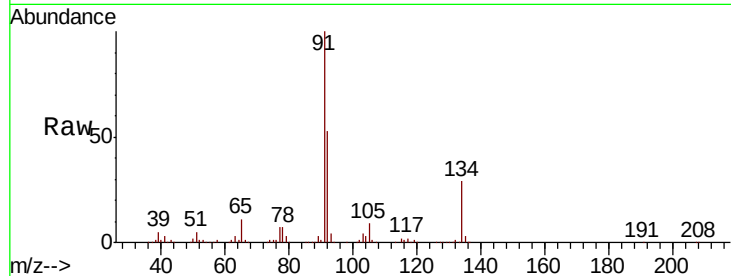
#89
n-Butylbenzene
Concen: 22.263 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	28.6	14.3	42.9

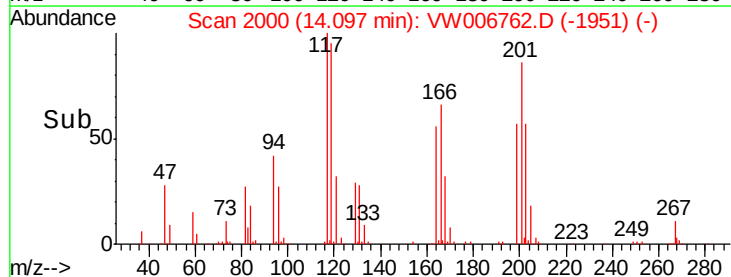
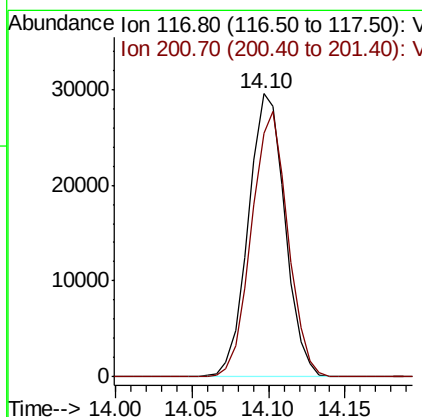
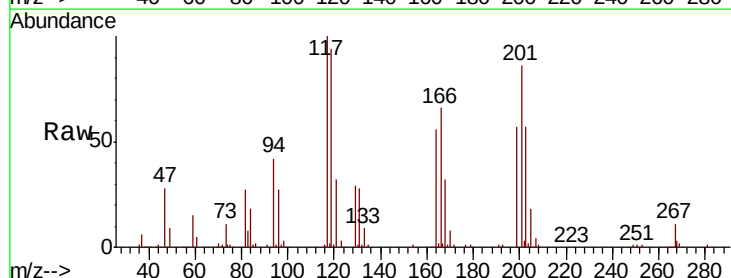
Manual Integrations
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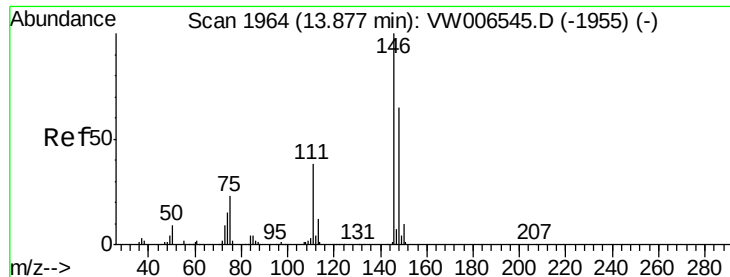
MMDadoda
11/9/2018 1:37:39 PM



#90
Hexachloroethane
Concen: 21.882 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.5	46.8	140.3





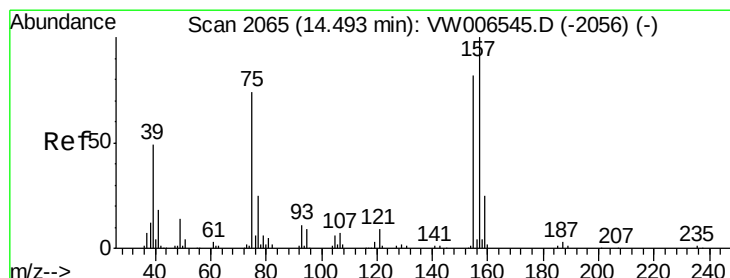
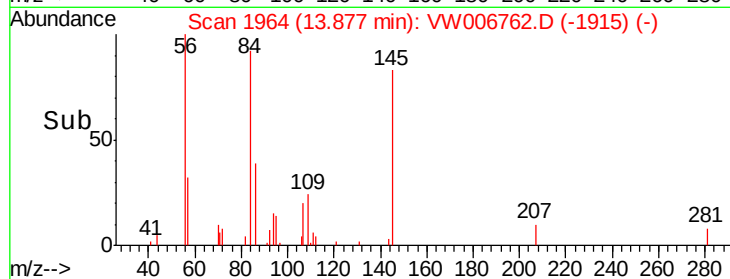
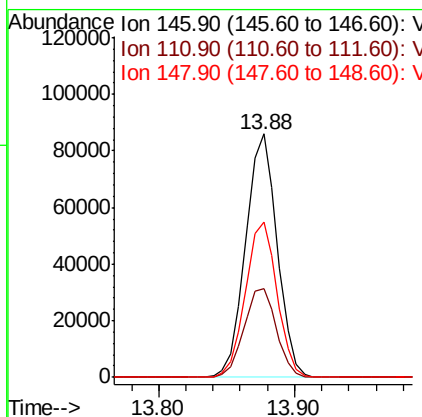
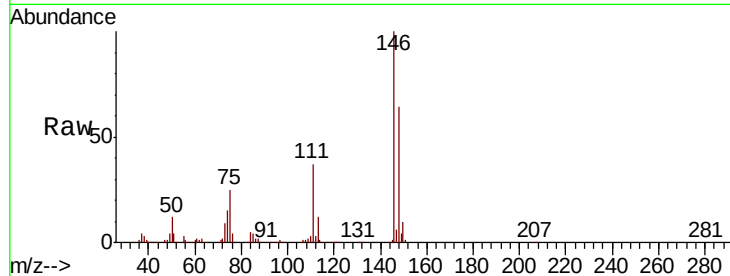
#91
 1,2-Dichlorobenzene
 Concen: 21.195 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.1	32.0	96.0

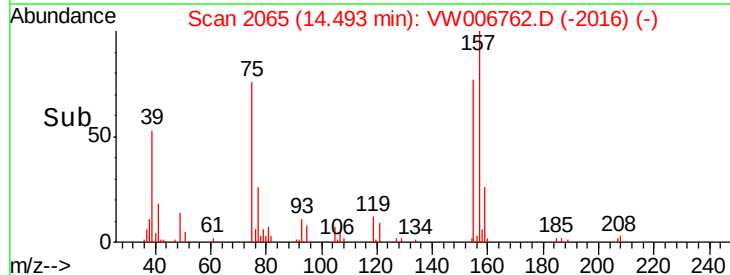
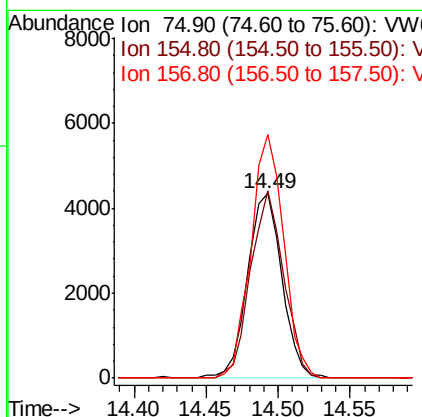
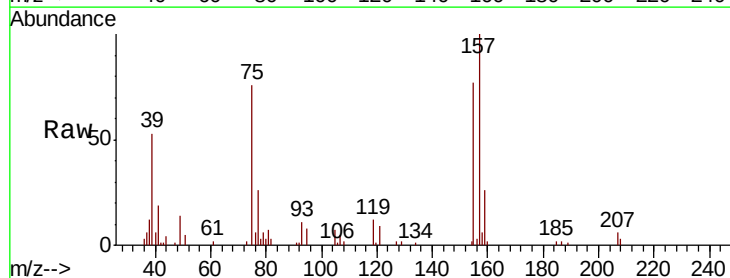
Manual Integrations
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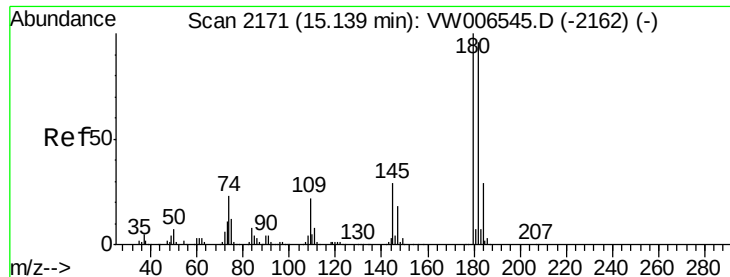
MMDadoda
 11/9/2018 1:37:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.545 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	50.6	151.8
157	125.3	65.0	195.0





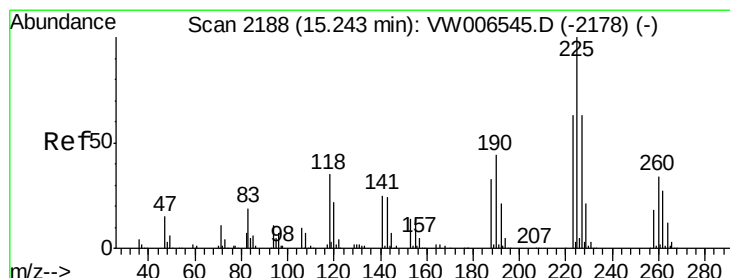
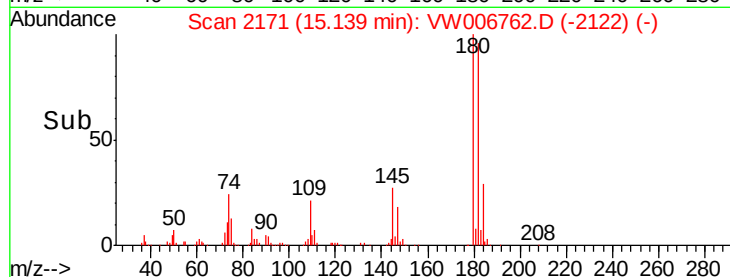
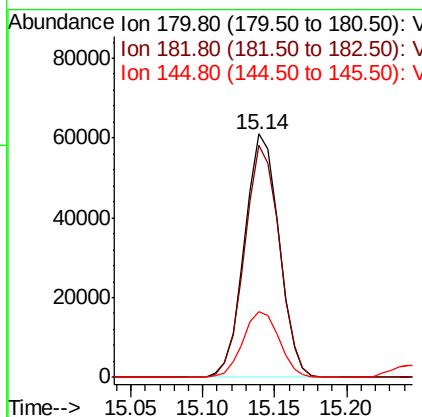
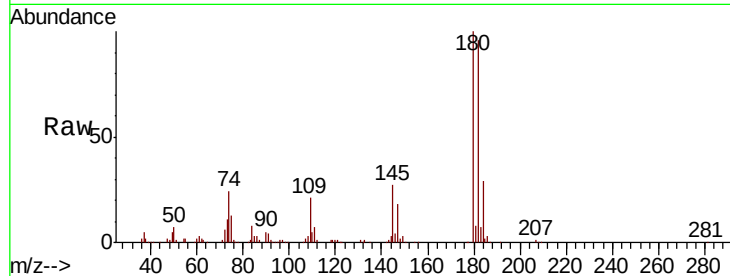
#93
 1,2,4-Trichlorobenzene
 Concen: 20.706 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	101364		
182	95.9	47.5	142.6	
145	28.3	14.0	42.0	

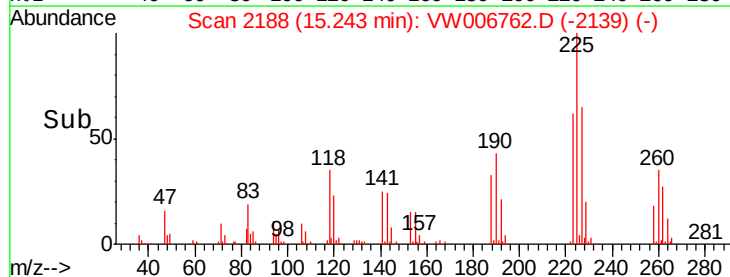
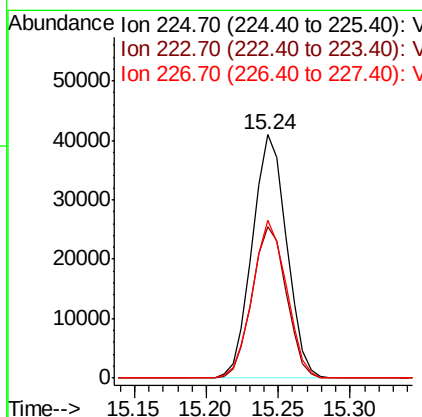
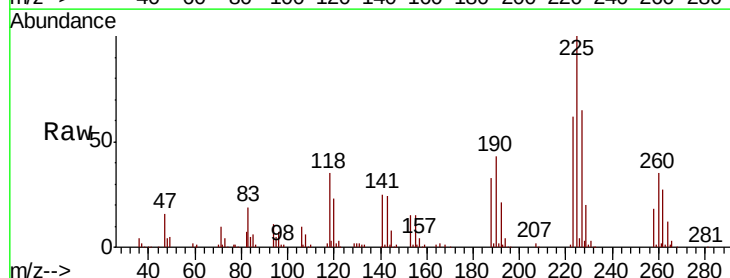
Manual Integrations
 APPROVED

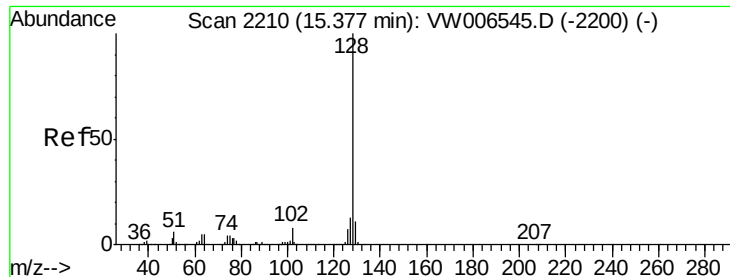
MMDadoda
 11/9/2018 1:37:39 PM



#94
 Hexachlorobutadiene
 Concen: 22.084 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006762.D
 Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67380		
223	62.1	31.4	94.2	
227	64.3	32.2	96.6	





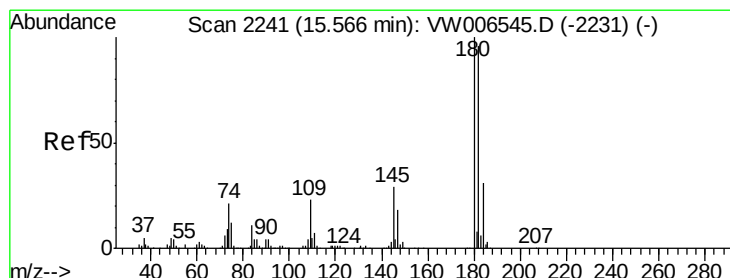
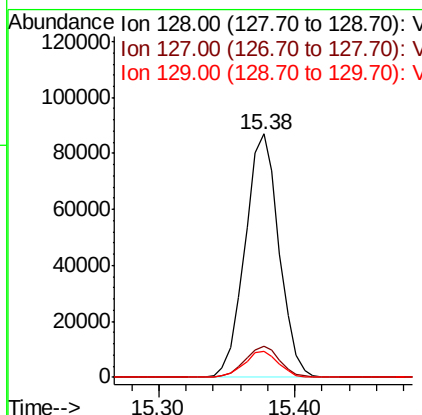
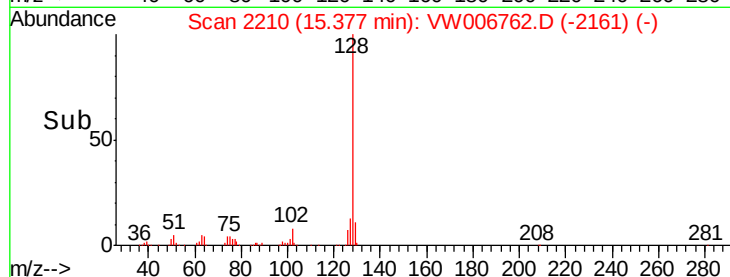
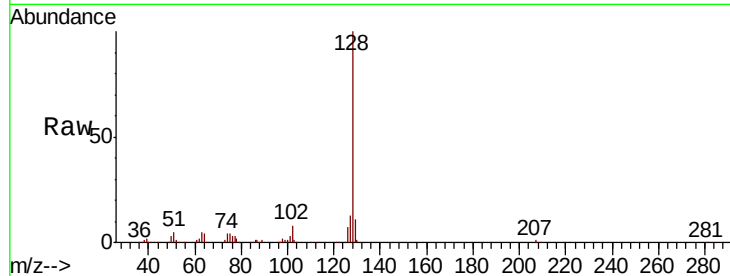
#95
Naphthalene
Concen: 19.334 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/9/2018 1:37:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.508 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006762.D
Acq: 08 Nov 2018 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.2	144.6
145	30.1	14.9	44.5

