

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006521.D
 Acq On : 31 Oct 2018 13:09
 Operator : SY/AP
 Sample : VW1101SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Manual Integrations
 APPROVED

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 11/1/2018 1:37:13 PM

Quant Time: Oct 31 13:45:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	78681	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
35) Dibromofluoromethane	7.88	113	88014	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.33	98	322531	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	12.62	95	120927	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16964	15.501	ug/l	95
3) Chloromethane	2.21	50	26297	18.668	ug/l	98
4) Vinyl Chloride	2.37	62	39820	19.794	ug/l	97
5) Bromomethane	2.79	94	35915	19.628	ug/l	93
6) Chloroethane	2.93	64	29719	20.614	ug/l	96
7) Trichlorofluoromethane	3.26	101	39085	20.856	ug/l	98
8) Diethyl Ether	3.68	74	19500	19.578	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42488	21.633	ug/l	98
10) Methyl Iodide	4.26	142	68868	21.068	ug/l	99
11) Tert butyl alcohol	5.21	59	10139	82.227	ug/l	100
12) 1,1-Dichloroethene	4.03	96	39235	21.234	ug/l	95
13) Acrolein	3.90	56	10414	87.282	ug/l	97
14) Allyl chloride	4.67	41	50938	19.280	ug/l	98
15) Acrylonitrile	5.37	53	34453	96.442	ug/l	99
16) Acetone	4.14	43	42387	115.252	ug/l	98
17) Carbon Disulfide	4.37	76	100248	17.977	ug/l	97
18) Methyl Acetate	4.68	43	17703	19.187	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	54749	19.454	ug/l	100
20) Methylene Chloride	4.91	84	45245	22.425	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44080	21.373	ug/l	94
22) Diisopropyl ether	6.32	45	106224	20.346	ug/l	98
23) Vinyl Acetate	6.26	43	278609	90.423	ug/l	97
24) 1,1-Dichloroethane	6.22	63	72378	21.484	ug/l	99
25) 2-Butanone	7.18	43	49498	99.936	ug/l	97
26) 2,2-Dichloropropane	7.17	77	51434	21.647	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50398	22.143	ug/l	98
28) Bromochloromethane	7.51	49	23943	18.409	ug/l	91
29) Tetrahydrofuran	7.54	42	26667	87.591	ug/l	98
30) Chloroform	7.68	83	81819	22.291	ug/l	98
31) Cyclohexane	7.96	56	66046	19.686	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	72788	21.984	ug/l	99
36) 1,1-Dichloropropene	8.09	75	62794	22.283	ug/l	99
37) Ethyl Acetate	7.26	43	19686	18.802	ug/l	98
38) Carbon Tetrachloride	8.07	117	68436	22.153	ug/l	98

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Quant Time: Oct 31 13:45:20 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80764	21.561	ug/l	98
40) Benzene	8.32	78	176217	22.796	ug/l	100
41) Methacrylonitrile	7.49	41	11150	17.665	ug/l	91
42) 1,2-Dichloroethane	8.40	62	48268	21.253	ug/l	98
43) Isopropyl Acetate	8.43	43	38522	17.995	ug/l	96
44) Trichloroethene	9.09	130	54328	22.908	ug/l	100
45) 1,2-Dichloropropane	9.37	63	41307	22.331	ug/l	98
46) Dibromomethane	9.46	93	22719	21.550	ug/l	95
47) Bromodichloromethane	9.65	83	55646	21.771	ug/l	99
48) Methyl methacrylate	9.44	41	18411	18.144	ug/l	92
49) 1,4-Dioxane	9.47	88	6116	376.831	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	98252	91.602	ug/l	99
52) Toluene	10.39	92	117973	22.764	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51971	20.408	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62035	21.225	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32766	22.209	ug/l	98
56) Ethyl methacrylate	10.65	69	34666	19.167	ug/l	91
57) 1,3-Dichloropropane	10.93	76	52956	21.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	65528	94.817	ug/l	97
59) 2-Hexanone	10.98	43	74643	97.489	ug/l	98
60) Dibromochloromethane	11.13	129	38090	20.727	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31609	21.443	ug/l	100
64) Tetrachloroethene	10.87	164	49201	22.607	ug/l	97
65) Chlorobenzene	11.66	112	138204	23.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	48005	22.508	ug/l	99
67) Ethyl Benzene	11.74	91	235982	22.689	ug/l	100
68) m/p-Xylenes	11.84	106	186384	45.338	ug/l	99
69) o-Xylene	12.17	106	87379	22.303	ug/l	96
70) Styrene	12.19	104	141042	22.138	ug/l	99
71) Bromoform	12.35	173	23325	19.607	ug/l #	99
73) Isopropylbenzene	12.47	105	249198	22.340	ug/l	100
74) N-amyl acetate	12.28	43	37103	17.125	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	35849	21.130	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26899m	22.304	ug/l	
77) Bromobenzene	12.75	156	61574	22.536	ug/l	97
78) n-propylbenzene	12.81	91	293569	22.621	ug/l	100
79) 2-Chlorotoluene	12.90	91	162022	22.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	210211	22.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9059	17.955	ug/l	98
82) 4-Chlorotoluene	12.99	91	173072	22.658	ug/l	99
83) tert-Butylbenzene	13.21	119	187583	22.295	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	214157	22.505	ug/l	99
85) sec-Butylbenzene	13.39	105	271465	22.839	ug/l	100
86) p-Isopropyltoluene	13.51	119	243171	22.618	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125165	23.019	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	122797	22.681	ug/l	99
89) n-Butylbenzene	13.83	91	223290	22.710	ug/l	99
90) Hexachloroethane	14.10	117	38587	21.189	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	109692	22.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5562	18.310	ug/l	98

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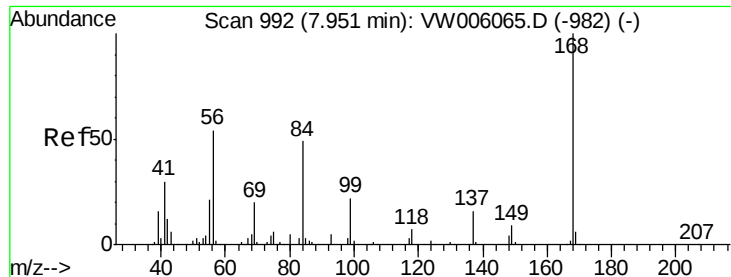
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83018	22.245	ug/l	99
94) Hexachlorobutadiene	15.24	225	55245	23.565	ug/l	100
95) Naphthalene	15.38	128	117253	18.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	70160	21.735	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: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion:168 Resp: 221146

Ion Ratio Lower Upper

168 100

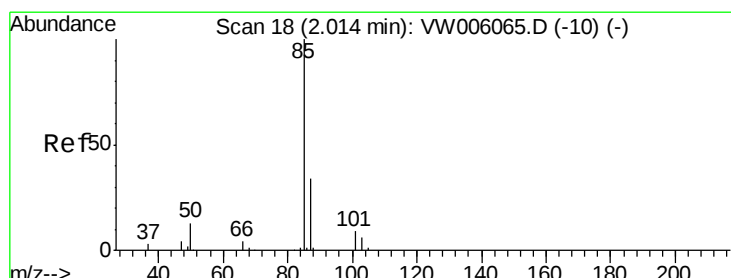
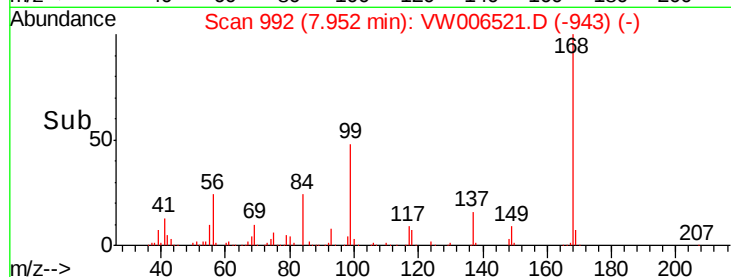
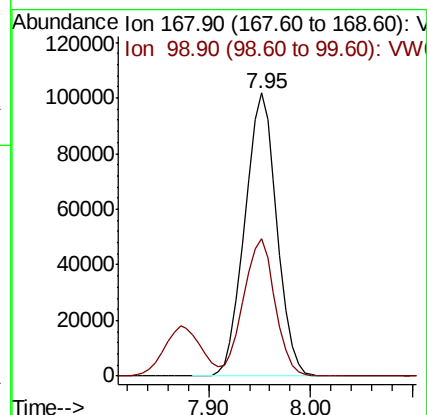
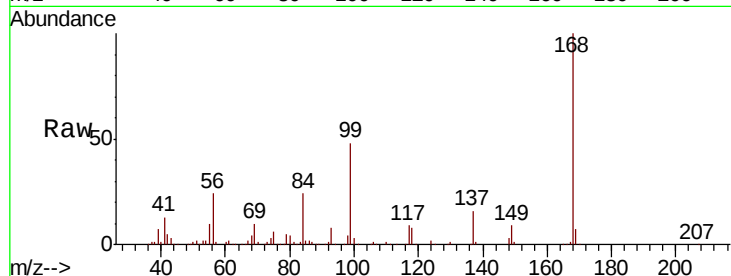
99 48.4 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 15.501 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006521.D

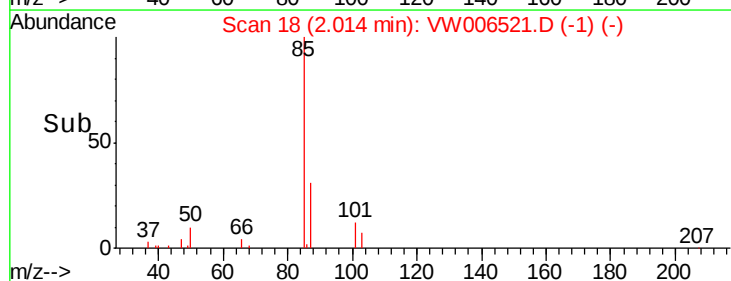
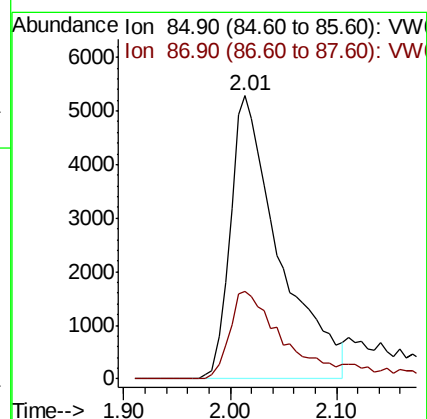
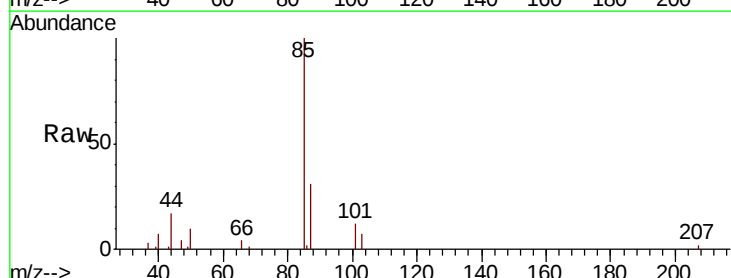
Acq: 31 Oct 2018 13:09

Tgt Ion: 85 Resp: 16964

Ion Ratio Lower Upper

85 100

87 31.0 16.9 50.6





#3

Chloromethane

Concen: 18.668 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 50 Resp: 26297

Ion Ratio Lower Upper

50 100

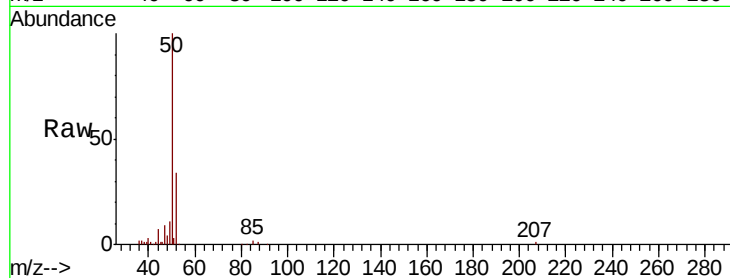
52 34.5 26.8 40.2

Manual Integrations

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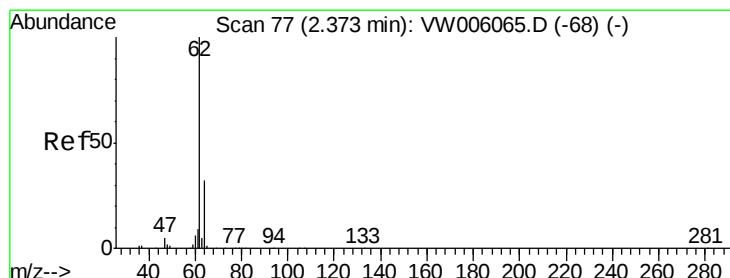
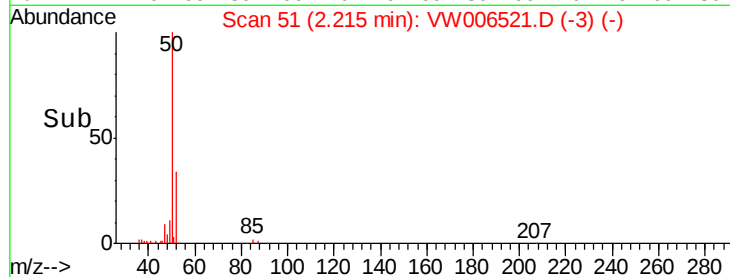
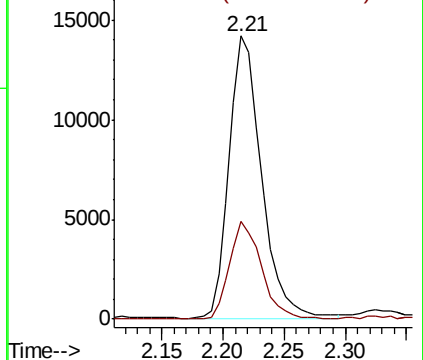
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 19.794 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006521.D

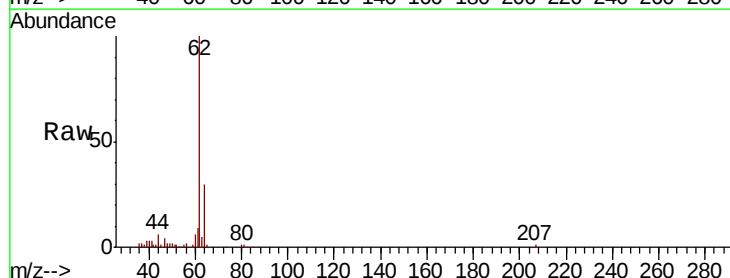
Acq: 31 Oct 2018 13:09

Tgt Ion: 62 Resp: 39820

Ion Ratio Lower Upper

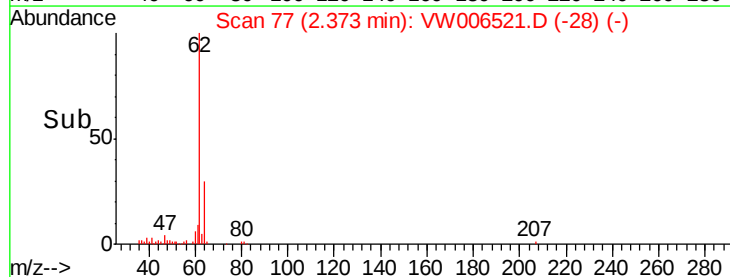
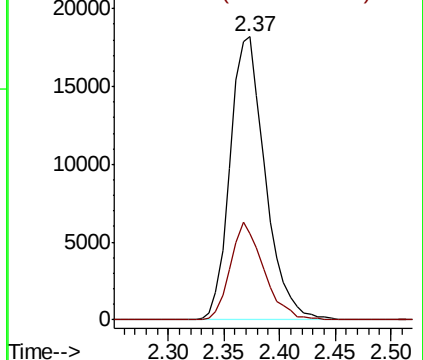
62 100

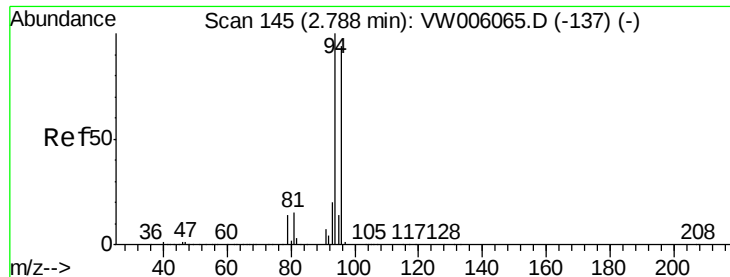
64 30.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.628 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 94 Resp: 35915

Ion Ratio Lower Upper

94 100

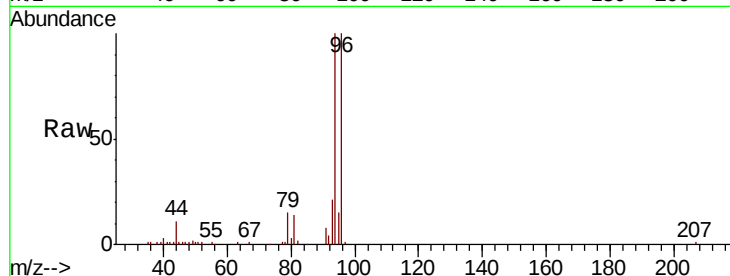
96 99.9 74.9 112.3

Manual Integrations

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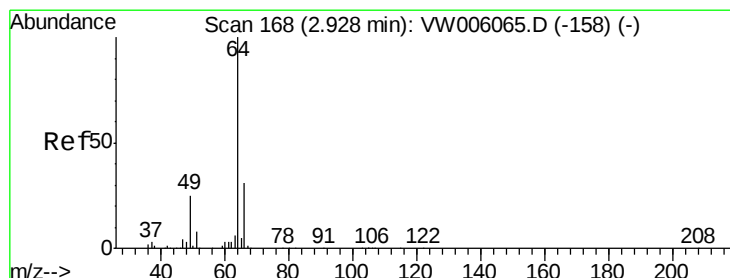
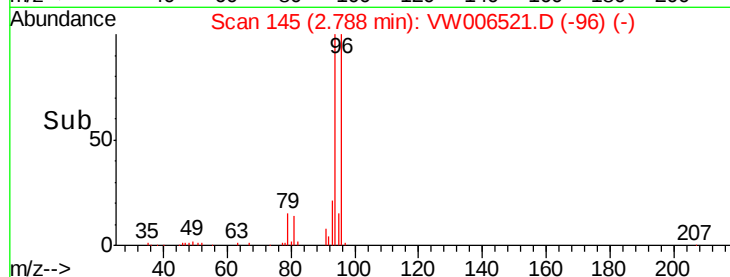
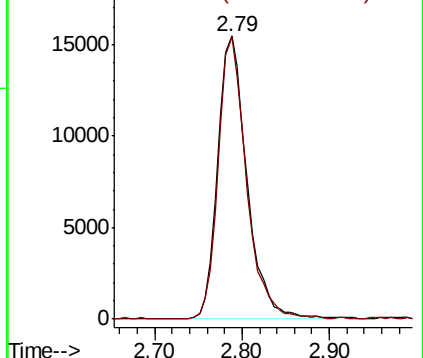
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.614 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006521.D

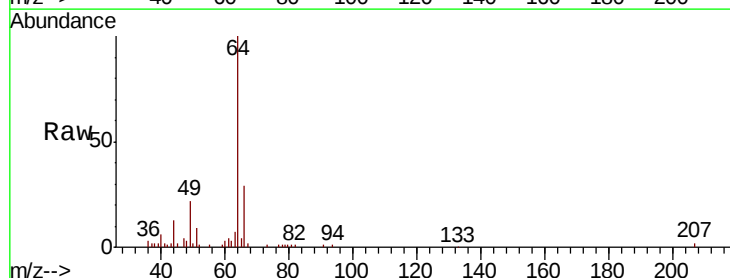
Acq: 31 Oct 2018 13:09

Tgt Ion: 64 Resp: 29719

Ion Ratio Lower Upper

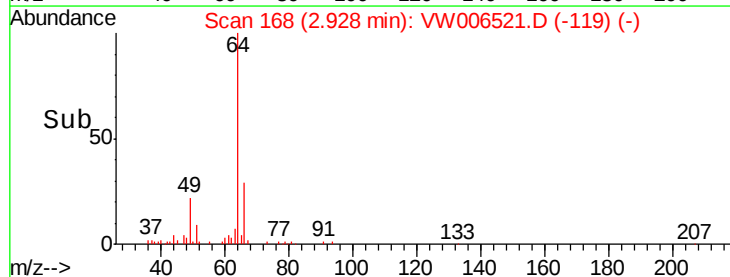
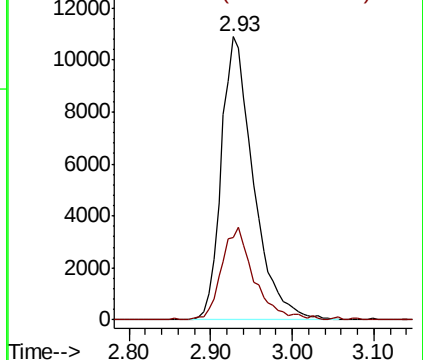
64 100

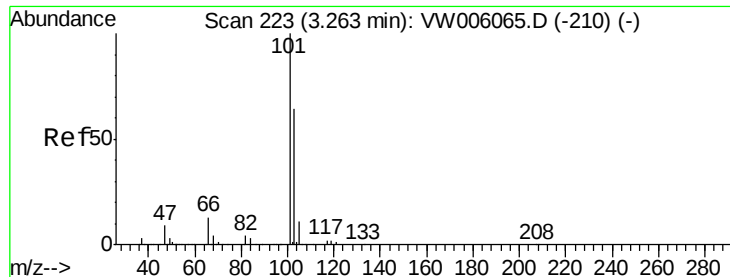
66 29.1 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

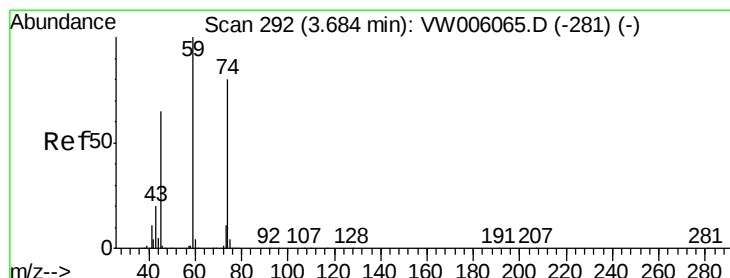
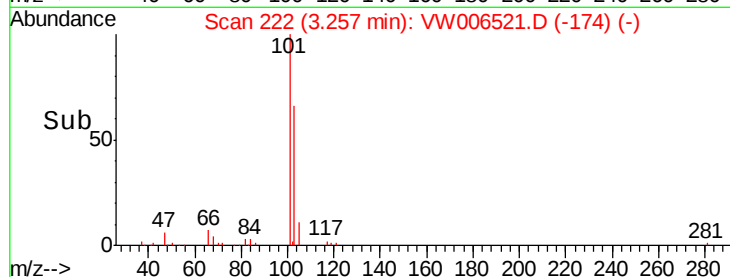
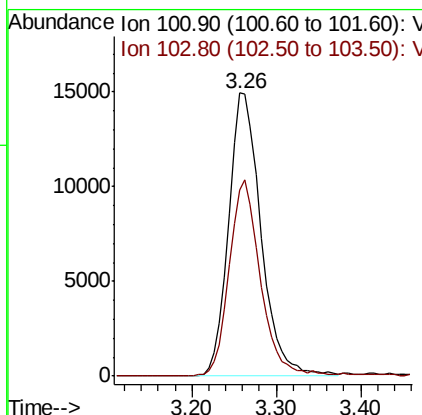
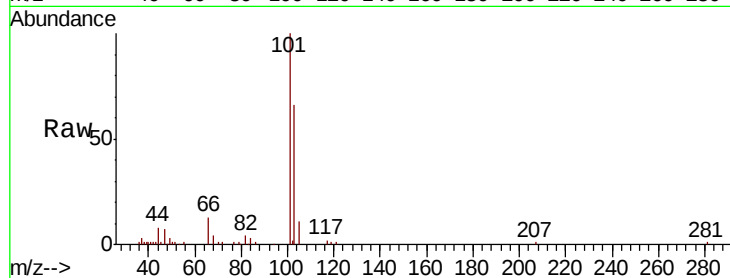
Trichlorofluoromethane
Concen: 20.856 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

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VW1101SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.2	76.8

Manual Integrations
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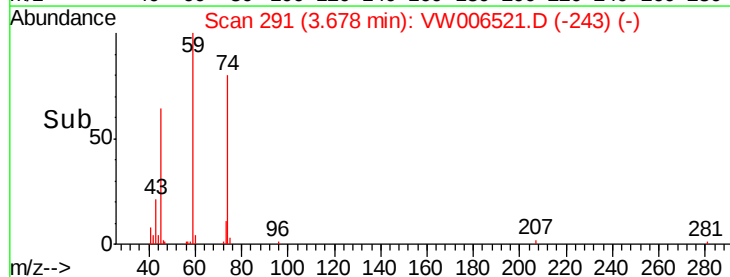
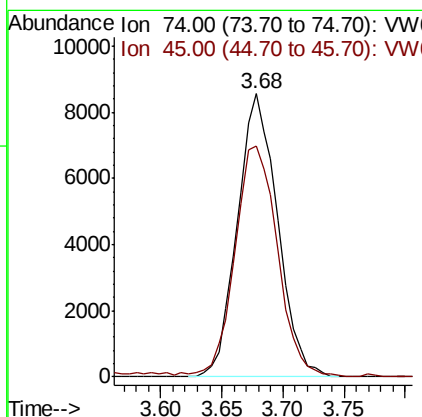
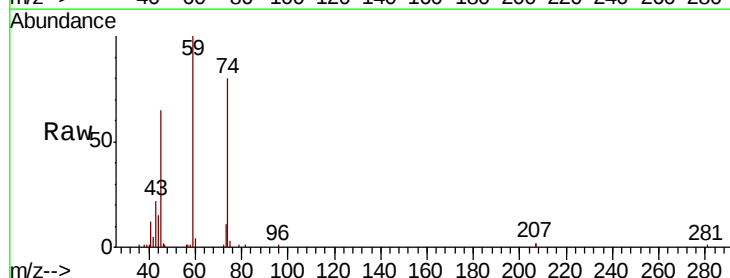
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#8

Diethyl Ether
Concen: 19.578 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.0	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.633 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

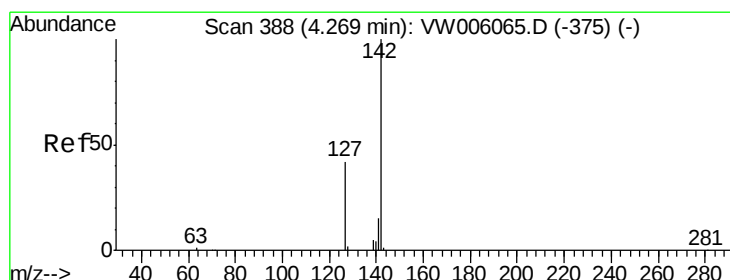
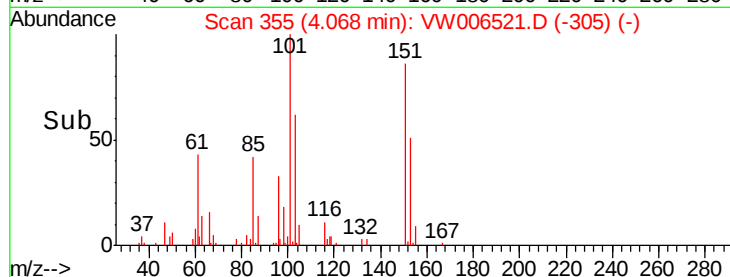
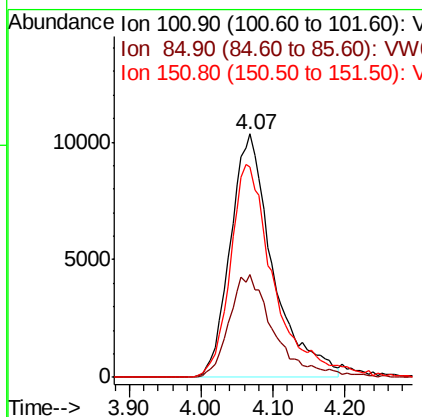
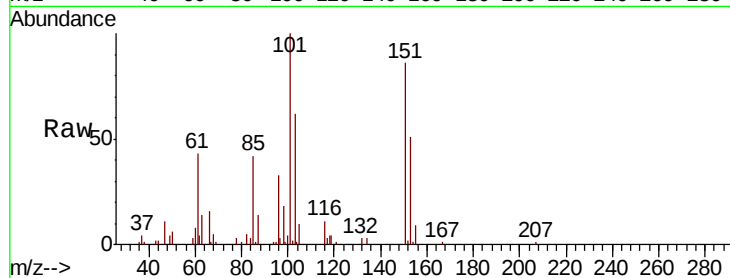
ClientSampleId :

VW1101SBS01

Tot Ion:	101	Resp:	42488
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.9	52.3
151	90.5	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.068 ug/l

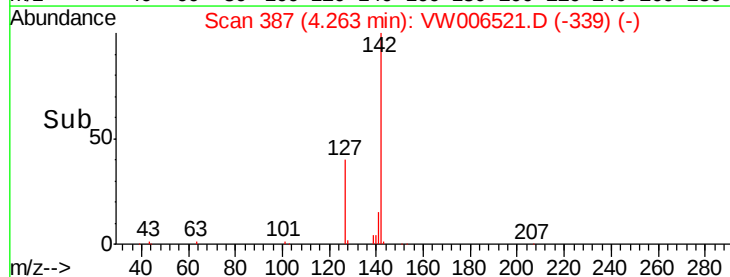
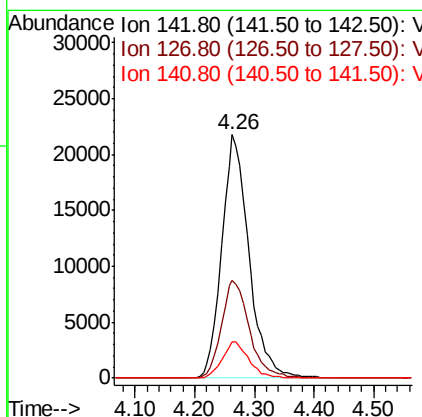
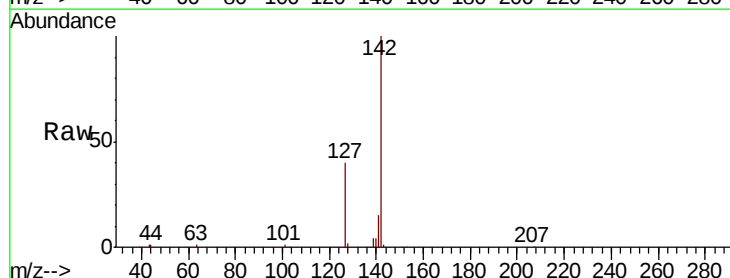
RT: 4.26 min Scan# 387

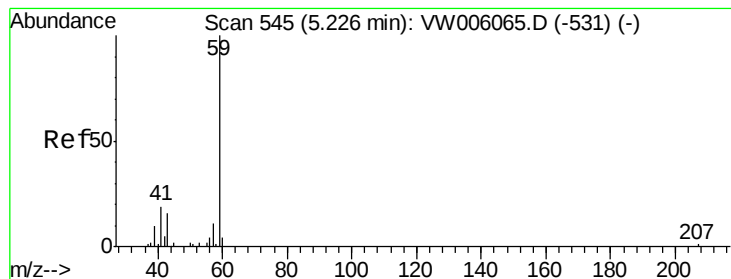
Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Tgt Ion:	142	Resp:	68868
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.6	50.4
141	14.6	11.6	17.4





#11

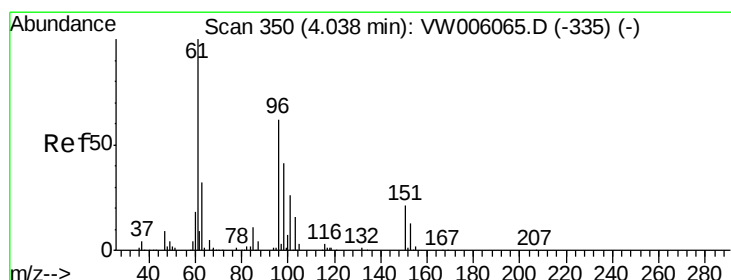
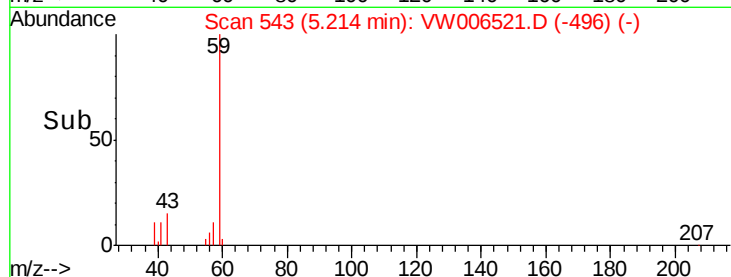
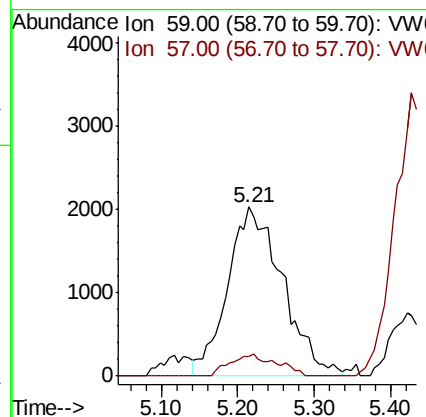
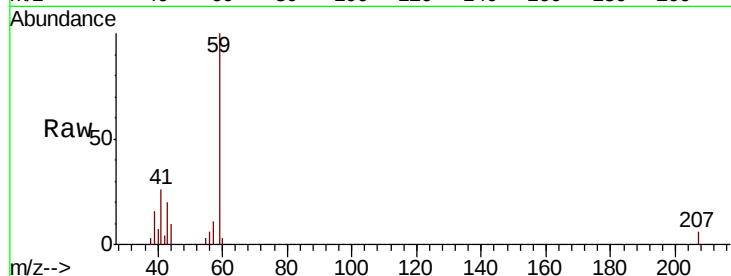
Tert butyl alcohol
Concen: 82.227 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	59	57	Ratio	100	11.0	Resp	Lower	Upper
59	100							
57		11.0				8.7	13.1	

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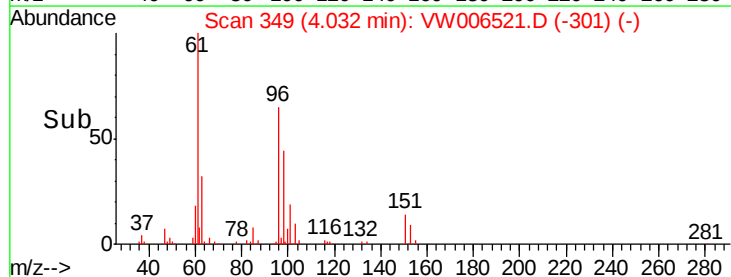
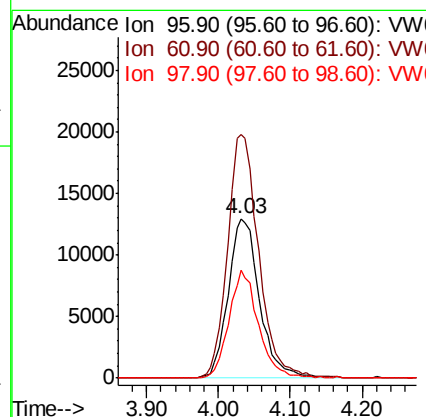
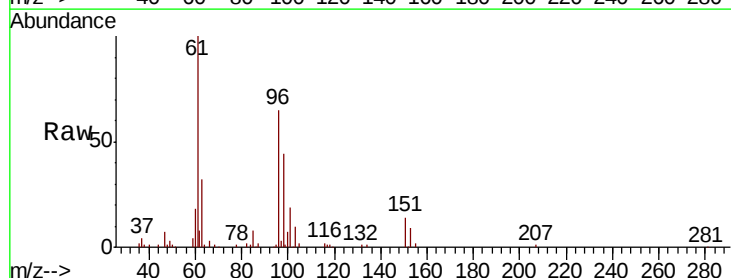
MMDadoda
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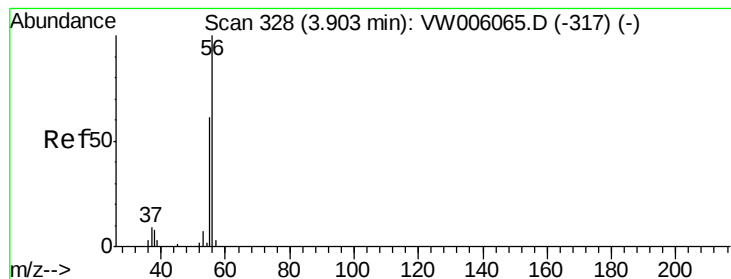


#12

1,1-Dichloroethene
Concen: 21.234 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	96	61	98	Ratio	100	152.7	67.5	Resp	Lower	Upper
96	100									
61		152.7				129.3	193.9			
98			67.5			53.1	79.7			





#13

Acrolein

Concen: 87.282 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 56 Resp: 10414

Ion Ratio Lower Upper

56 100

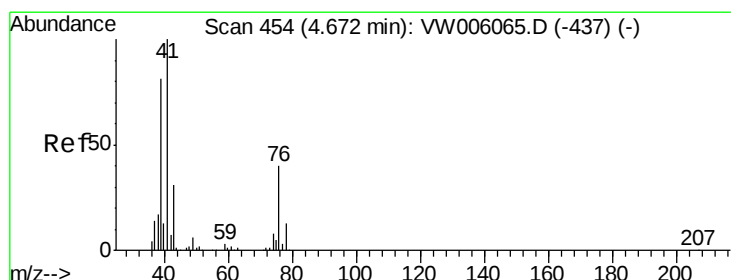
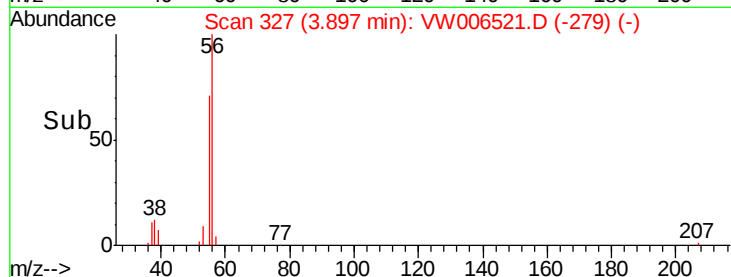
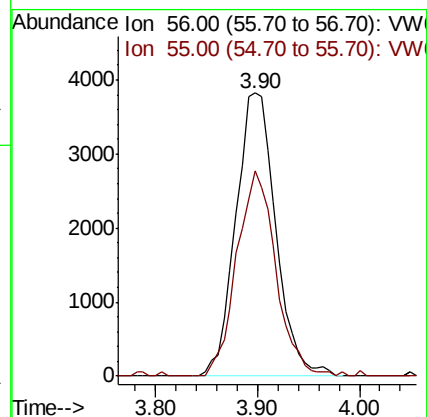
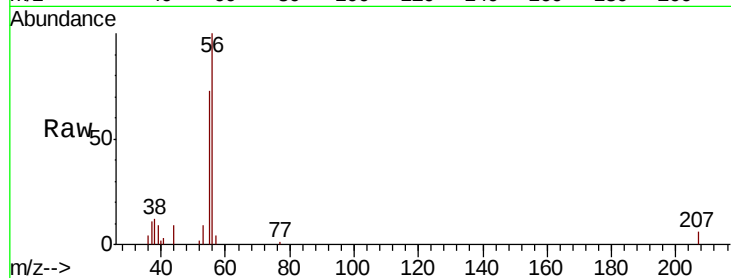
55 70.9 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 19.280 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

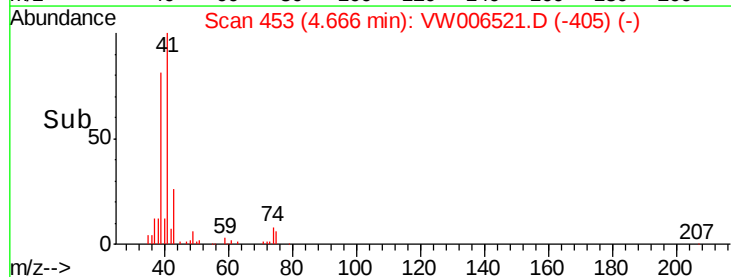
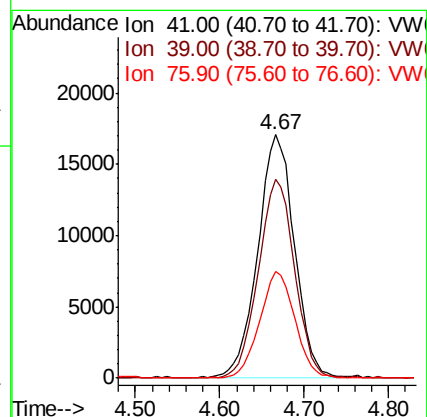
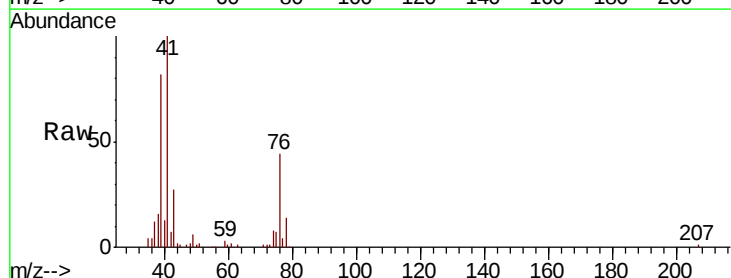
Tgt Ion: 41 Resp: 50938

Ion Ratio Lower Upper

41 100

39 81.3 64.1 96.1

76 42.1 32.2 48.4





#15

Acrylonitrile

Concen: 96.442 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

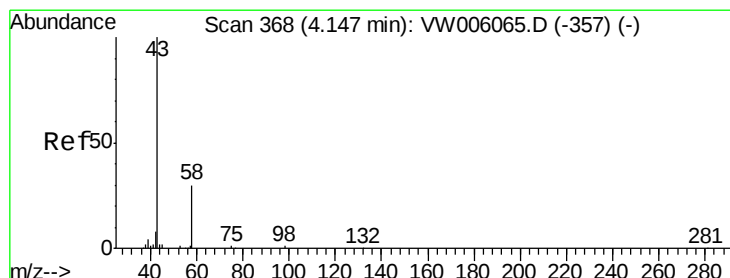
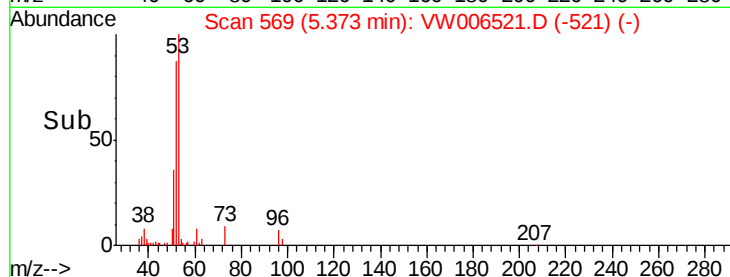
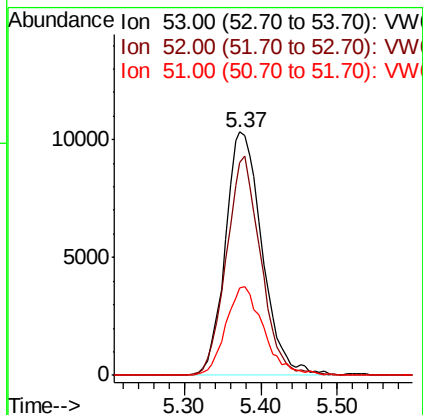
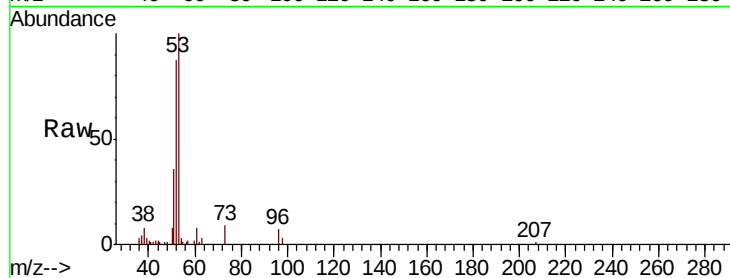
ClientSampleId :

VW1101SBS01

Tot Ion:	53	Resp:	34453
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.9	100.3
51	37.3	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 115.252 ug/l

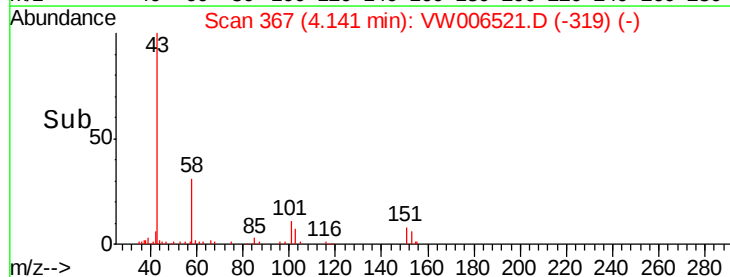
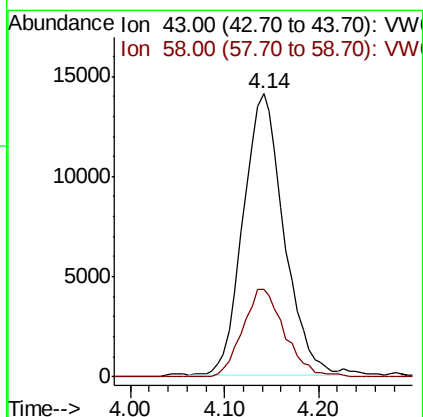
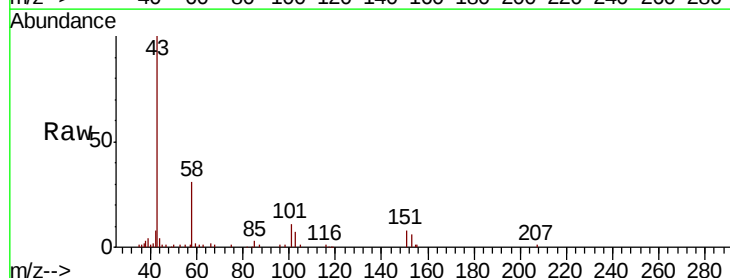
RT: 4.14 min Scan# 367

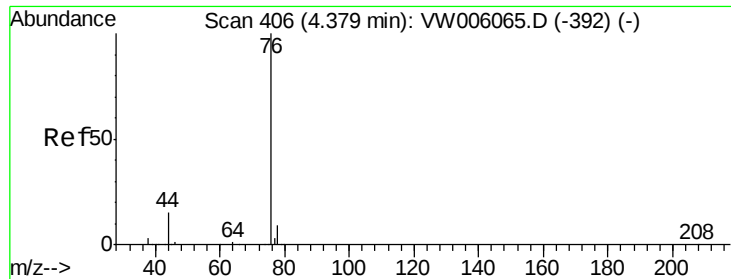
Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Tgt Ion:	43	Resp:	42387
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.0	36.0





#17

Carbon Disulfide

Concen: 17.977 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 76 Resp: 100248

Ion Ratio Lower Upper

76 100

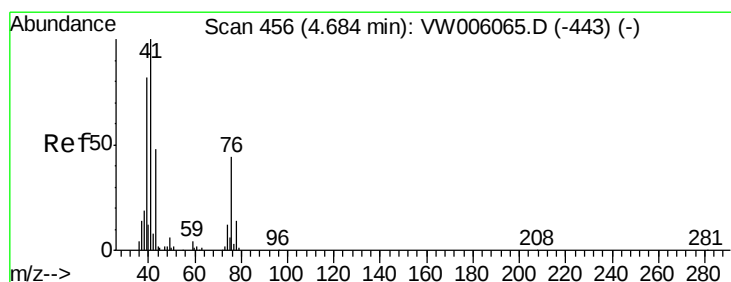
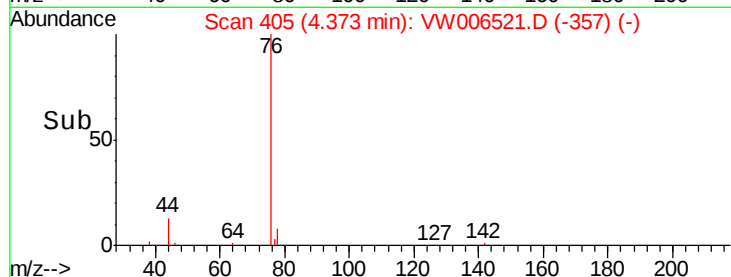
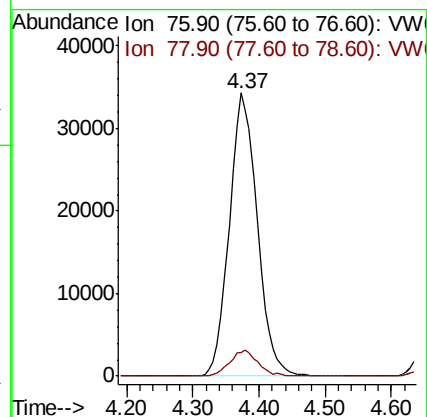
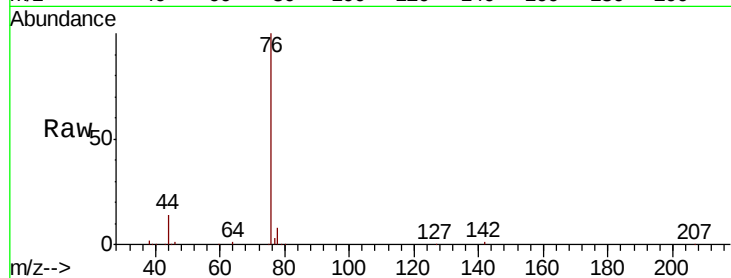
78 8.4 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 19.187 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006521.D

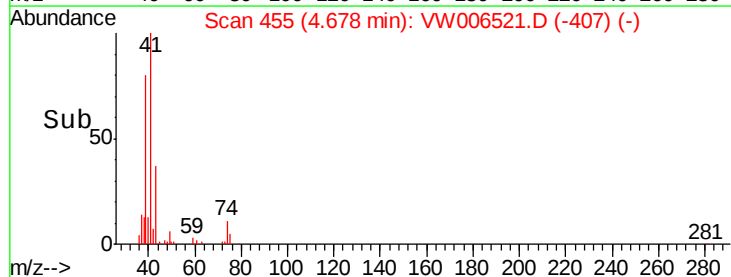
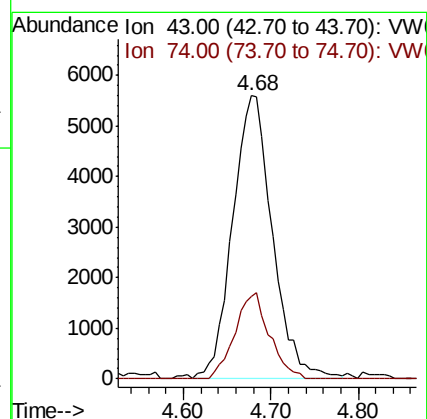
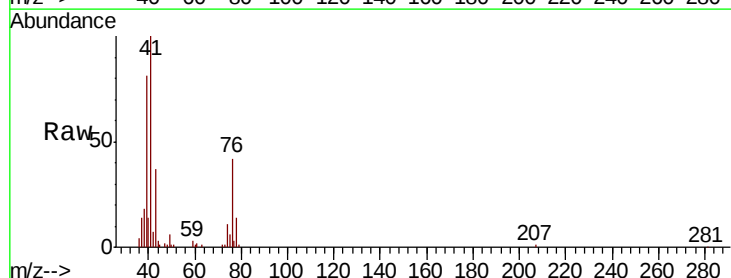
Acq: 31 Oct 2018 13:09

Tgt Ion: 43 Resp: 17703

Ion Ratio Lower Upper

43 100

74 26.5 20.5 30.7





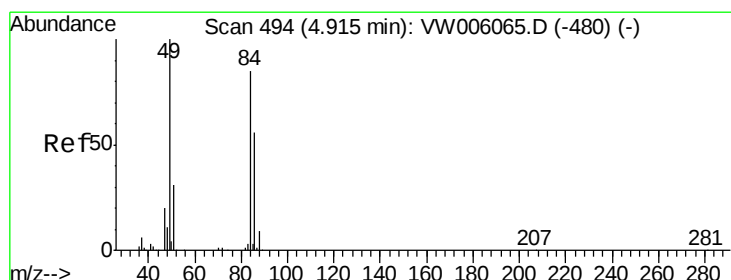
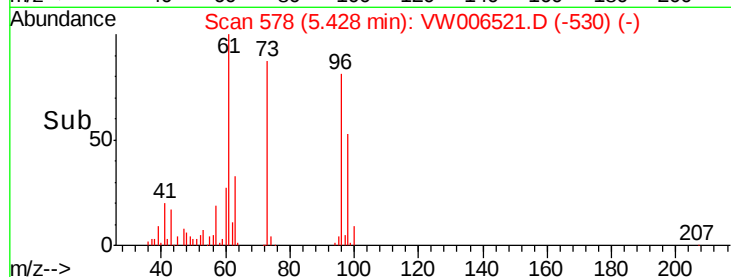
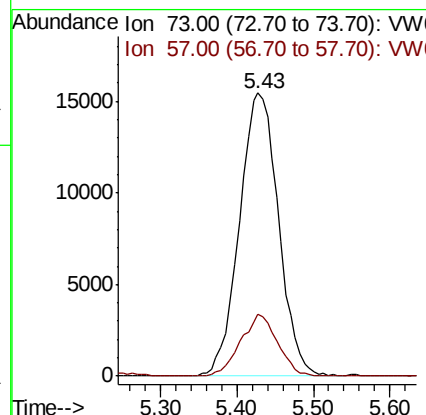
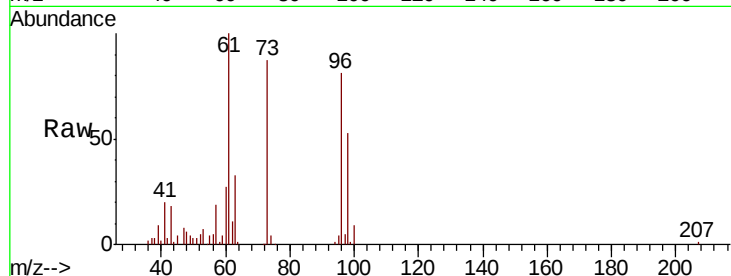
#19
Methyl tert-butyl Ether
Concen: 19.454 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion: 73 Resp: 54749
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2

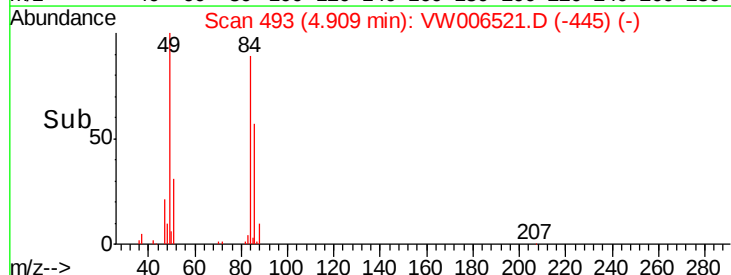
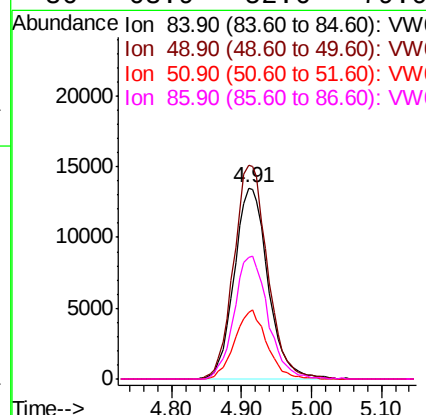
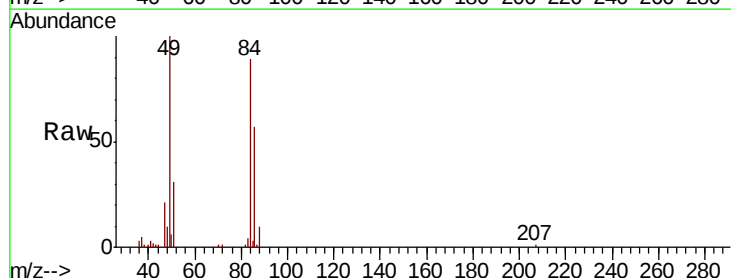
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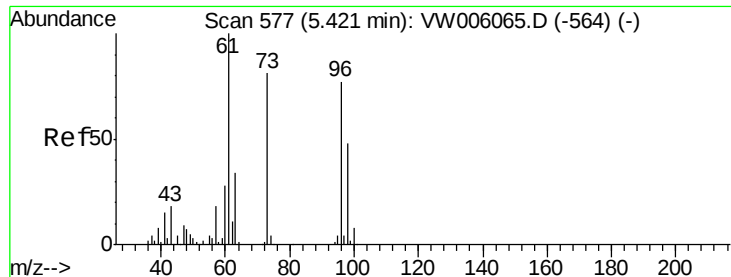
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#20
Methylene Chloride
Concen: 22.425 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion: 84 Resp: 45245
Ion Ratio Lower Upper
84 100
49 111.8 93.6 140.4
51 34.9 29.0 43.4
86 63.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 21.373 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

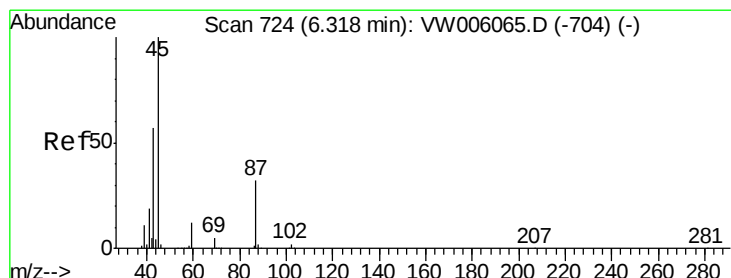
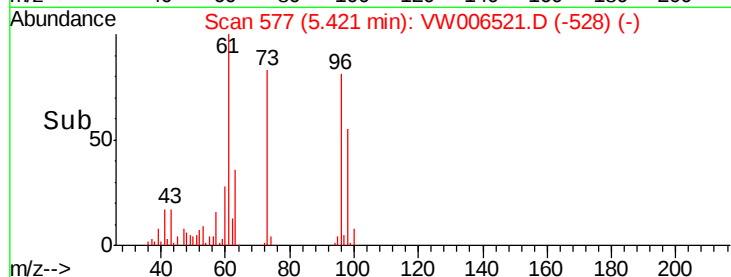
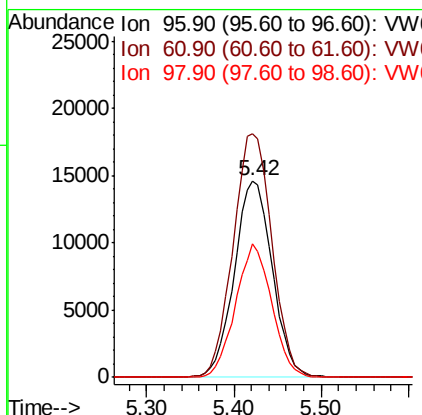
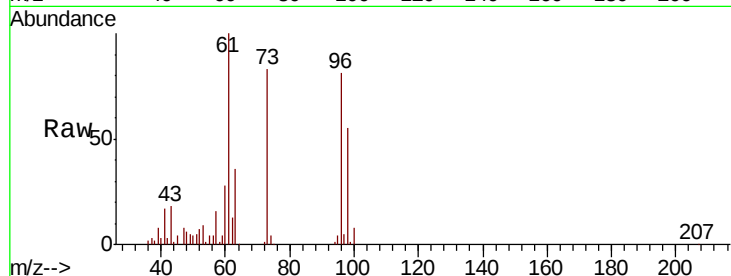
ClientSampleId :

VW1101SBS01

Tot Ion:	96	Resp:	44080
Ion	Ratio	Lower	Upper
96	100		
61	123.8	104.5	156.7
98	68.1	50.6	75.8

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#22

Diisopropyl ether

Concen: 20.346 ug/l

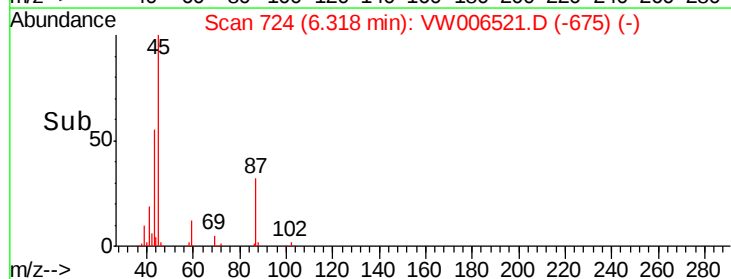
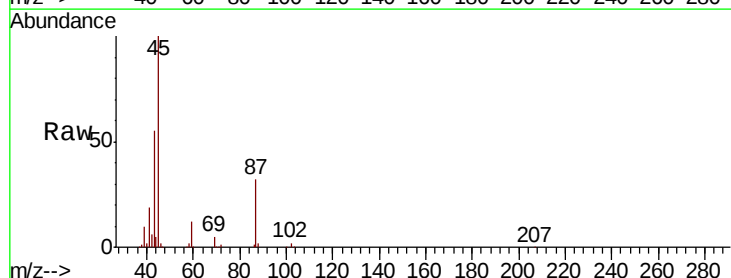
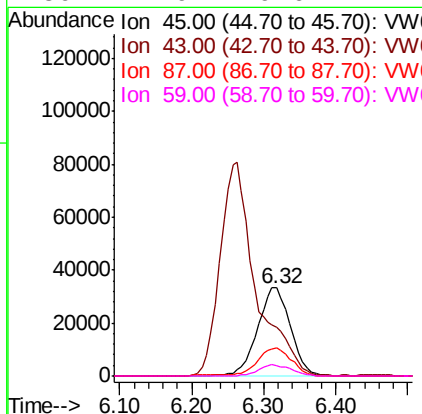
RT: 6.32 min Scan# 724

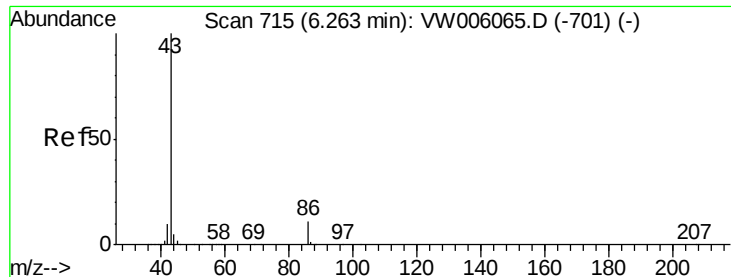
Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Tgt Ion:	45	Resp:	106224
Ion	Ratio	Lower	Upper
45	100		
43	55.0	45.7	68.5
87	32.4	25.9	38.9
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 90.423 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 43 Resp: 278609

Ion Ratio Lower Upper

43 100

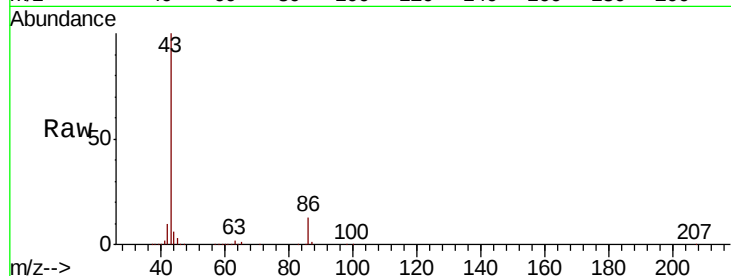
86 12.6 9.0 13.6

Manual Integrations

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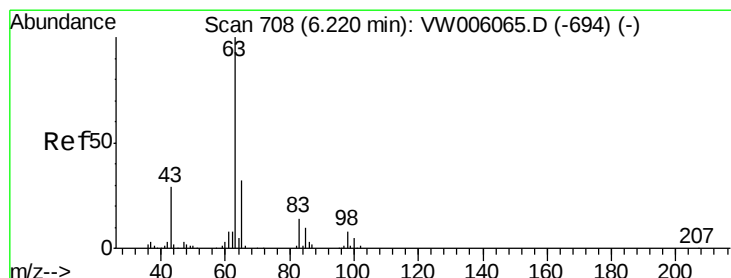
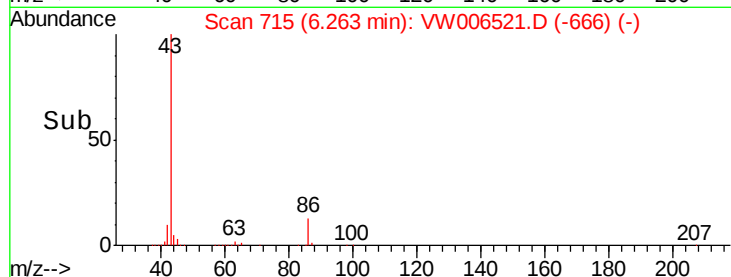
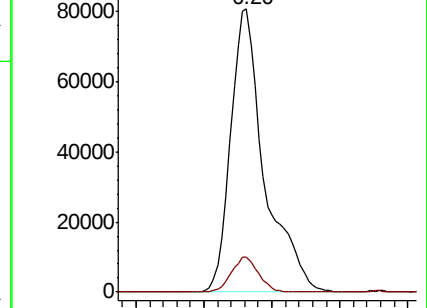
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.484 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

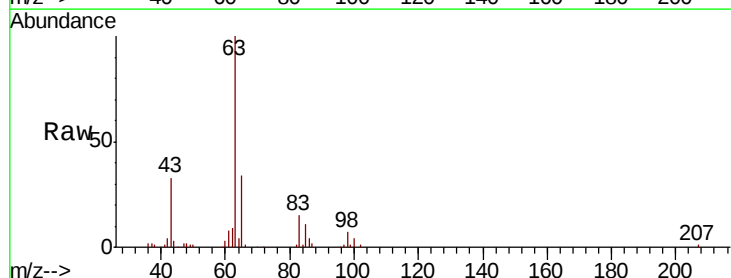
Tgt Ion: 63 Resp: 72378

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

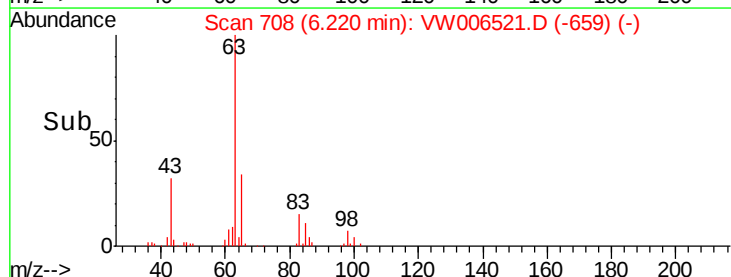
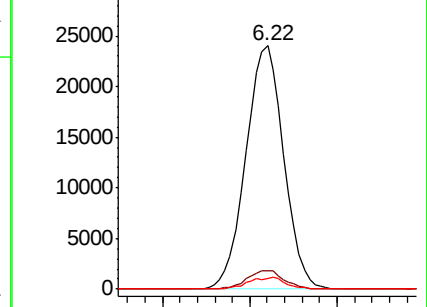
100 4.5 2.5 7.5

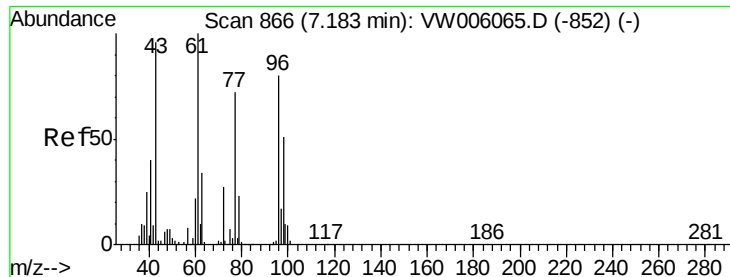


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 99.936 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 43 Resp: 49498

Ion Ratio Lower Upper

43 100

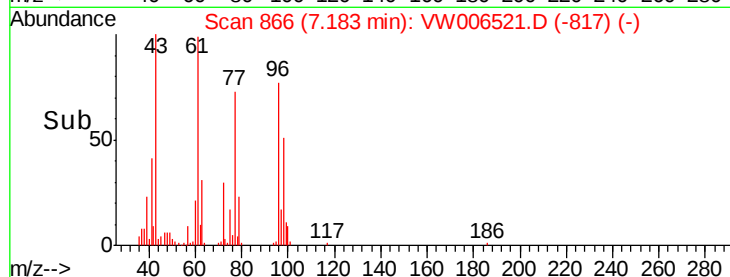
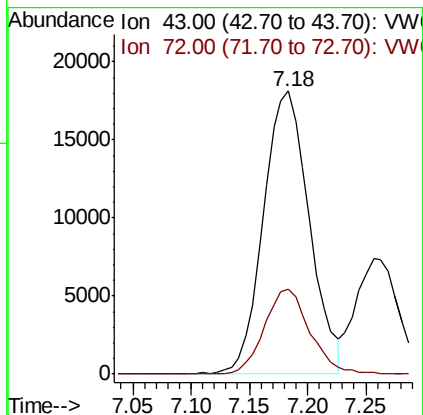
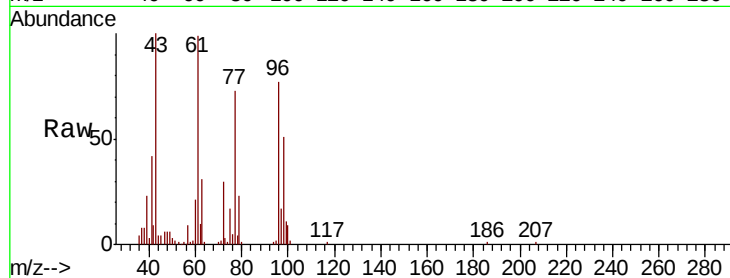
72 29.8 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.647 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006521.D

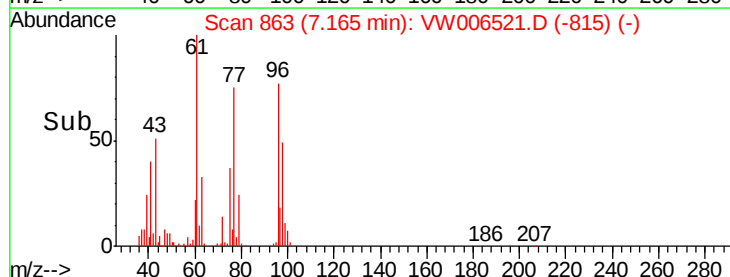
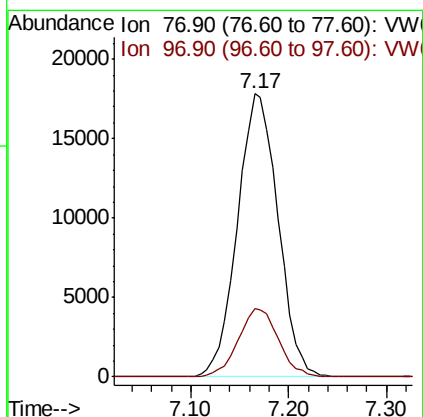
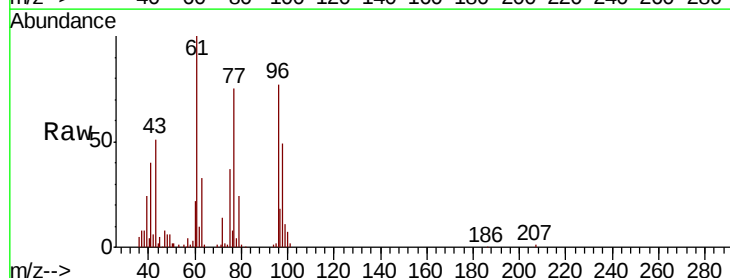
Acq: 31 Oct 2018 13:09

Tgt Ion: 77 Resp: 51434

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.4





#27

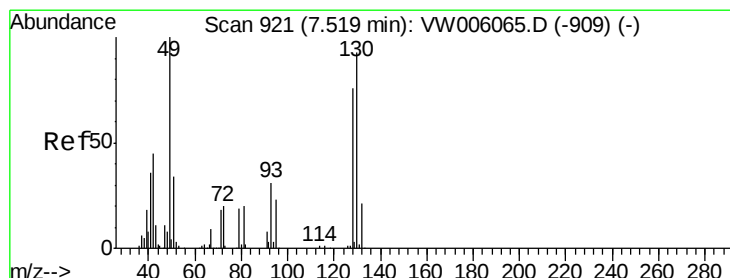
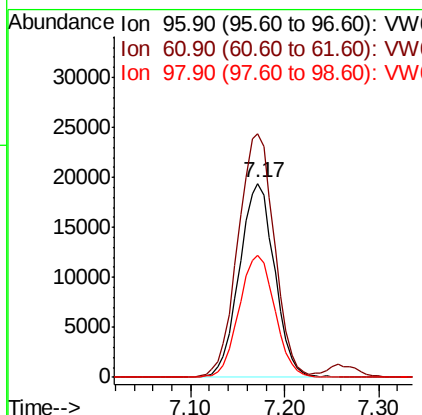
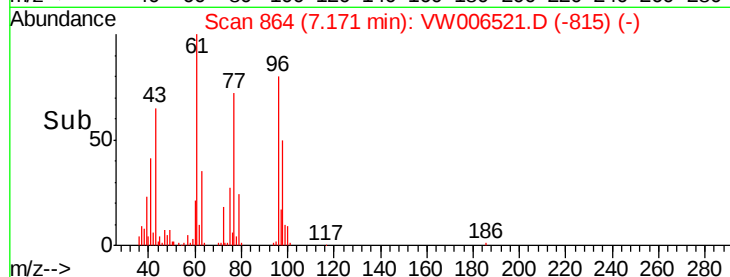
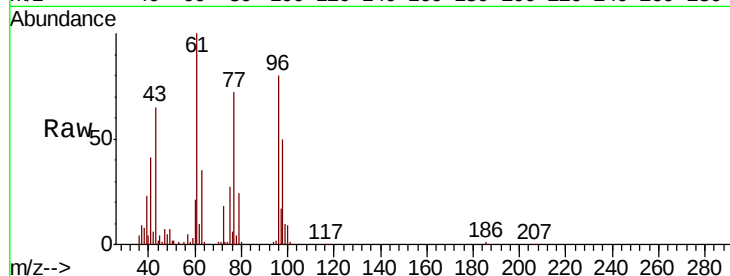
cis-1,2-Dichloroethene
Concen: 22.143 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.9	0.0	267.2	
98	64.2	0.0	128.6	

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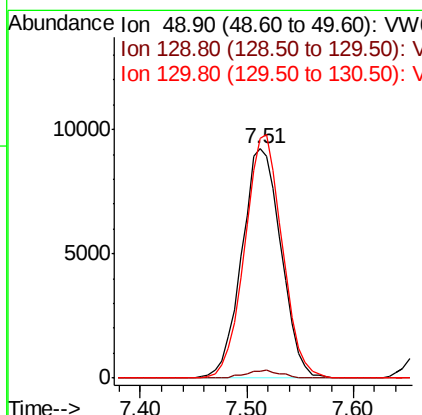
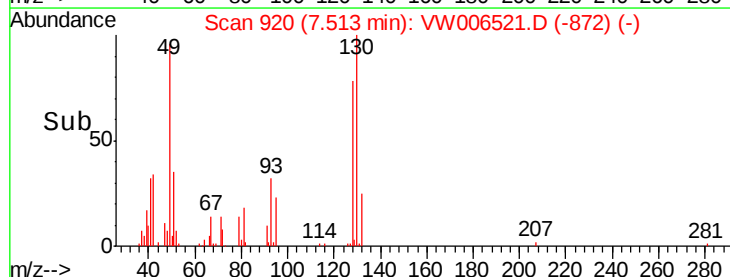
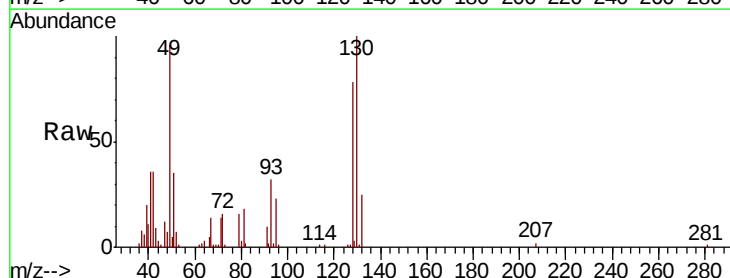
MMDadoda
11/1/2018 1:37:13 PM



#28

Bromochloromethane
Concen: 18.409 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.8	0.0	5.0	
130	100.9	73.8	110.8	





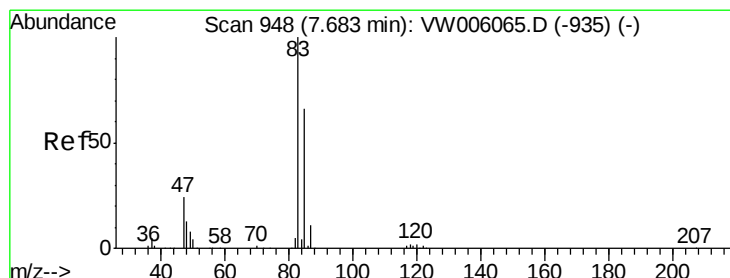
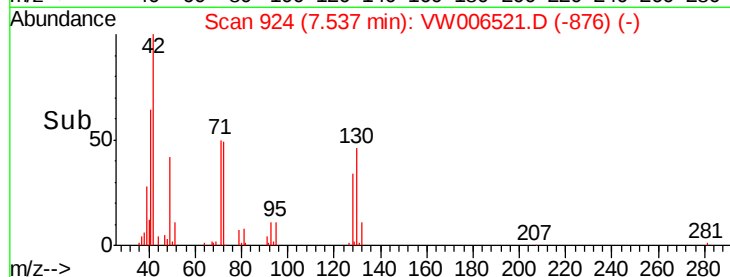
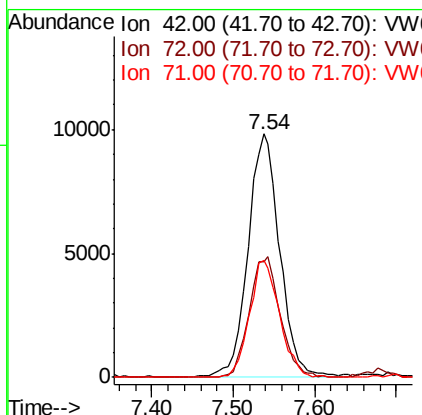
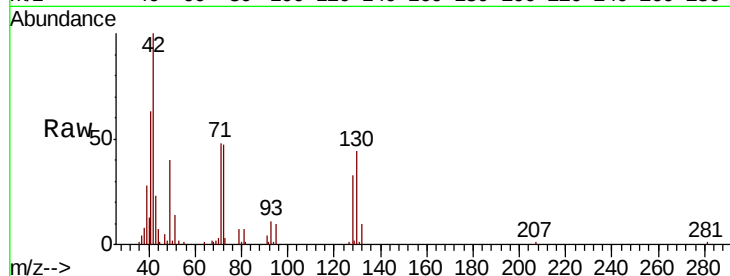
#29
Tetrahydrofuran
Concen: 87.591 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.0	57.0
71	45.3	35.3	52.9

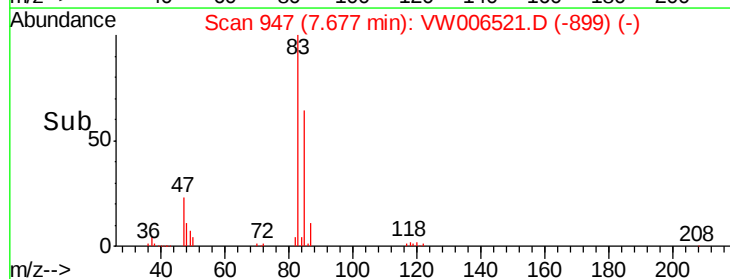
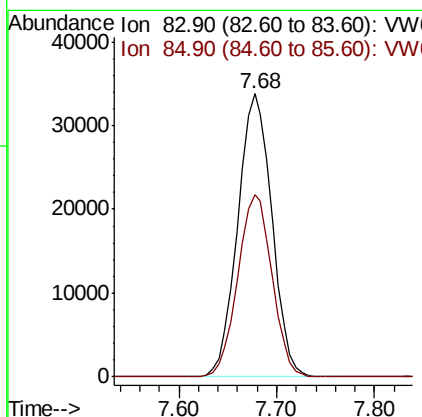
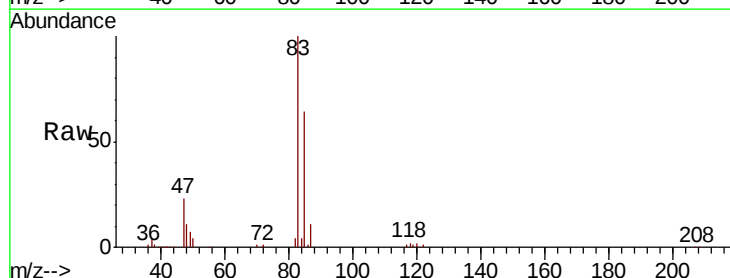
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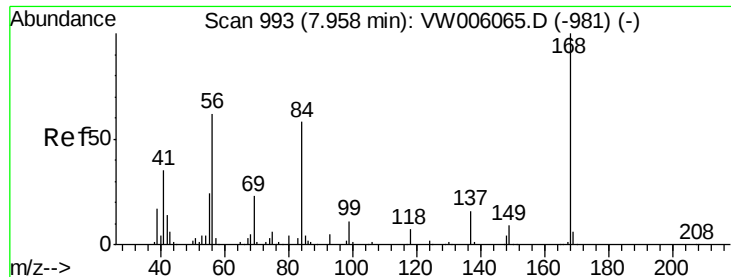
MMDadoda
11/1/2018 1:37:13 PM



#30
Chloroform
Concen: 22.291 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	79.0





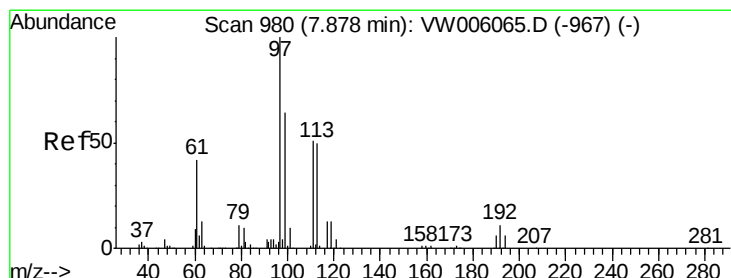
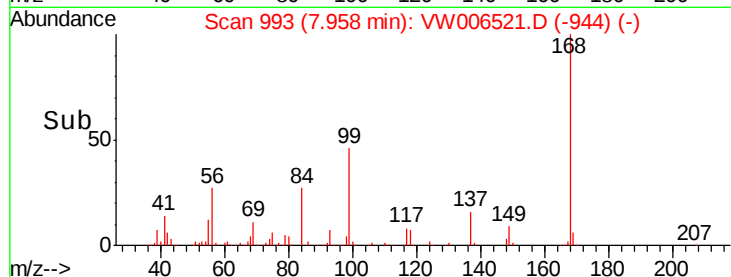
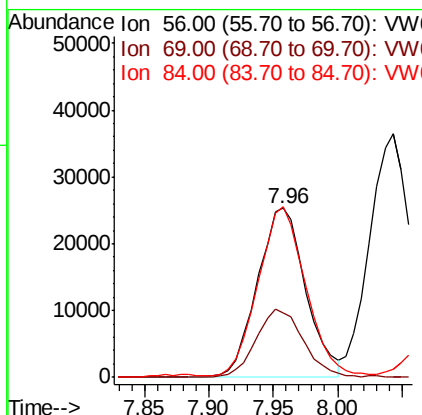
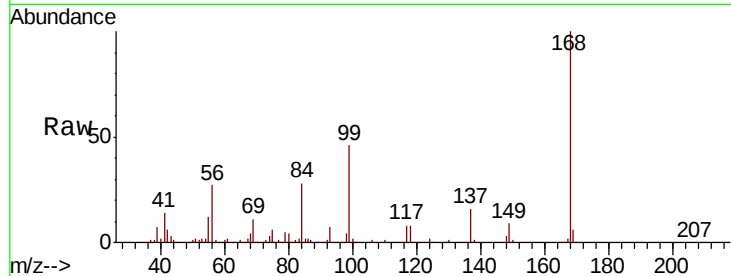
#31
Cyclohexane
Concen: 19.686 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.4	29.4	44.0
84	99.5	74.0	111.0

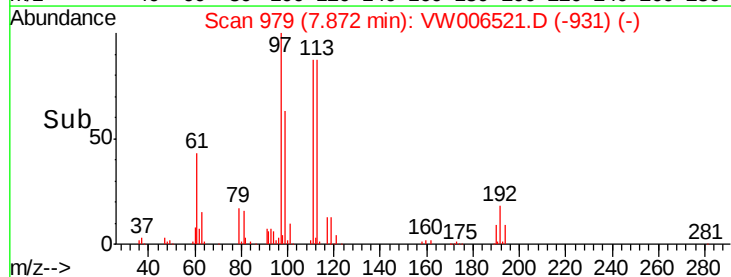
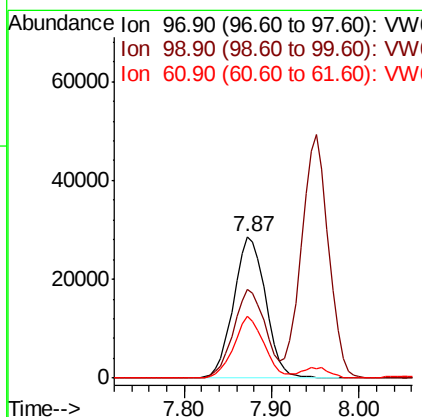
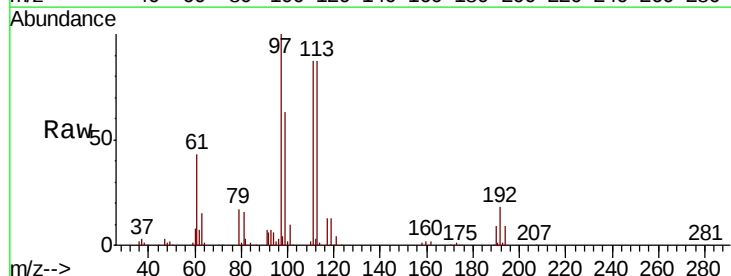
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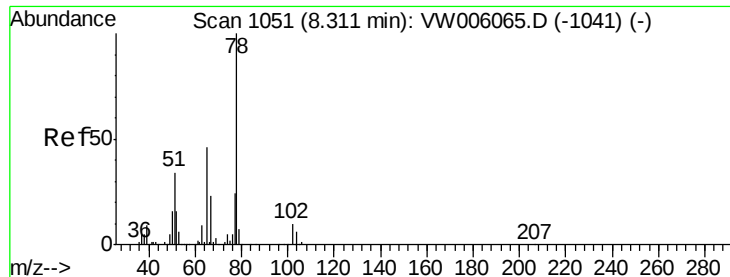
MMDadoda
11/1/2018 1:37:13 PM



#32
1,1,1-Trichloroethane
Concen: 21.984 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.9	76.3
61	41.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 42.915 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 65 Resp: 78681

Ion Ratio Lower Upper

65 100

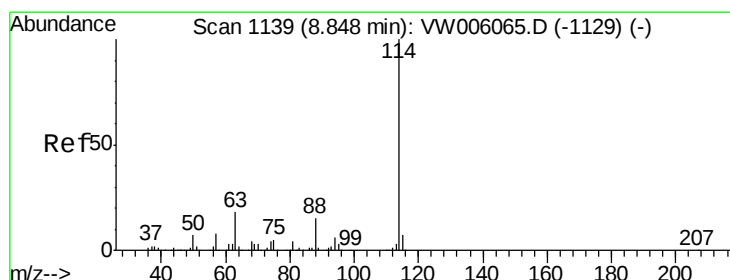
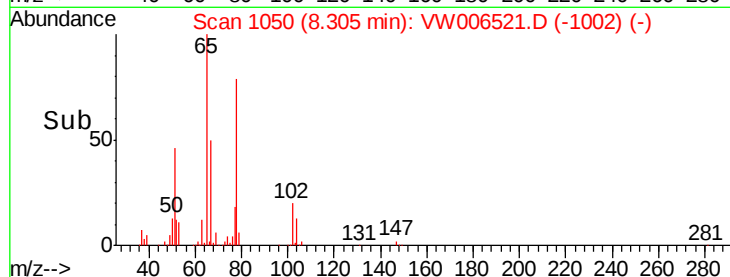
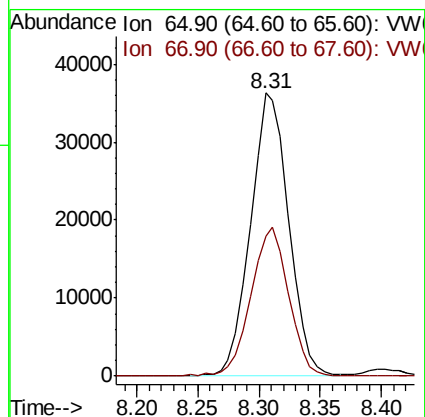
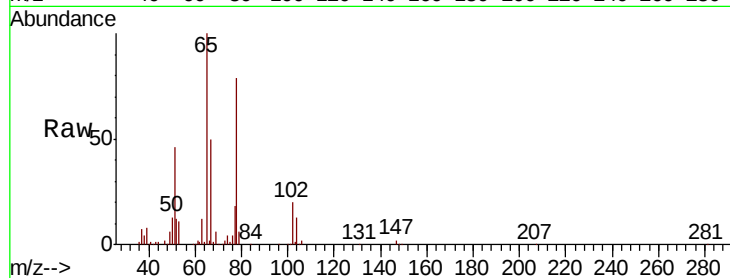
67 52.2 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

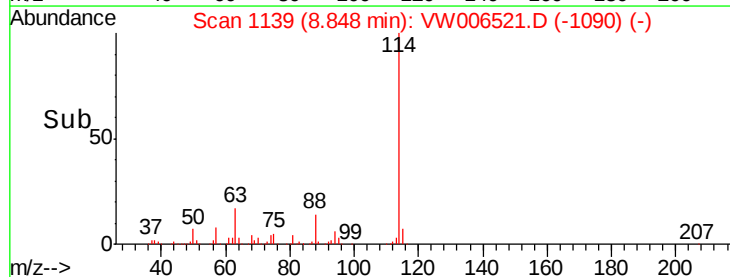
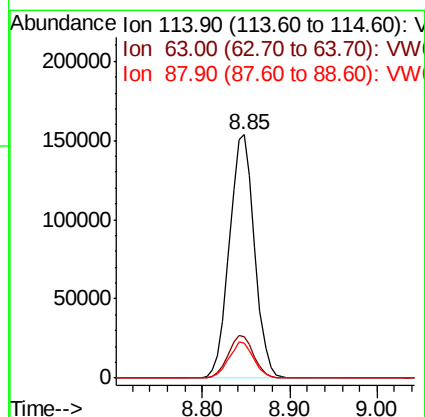
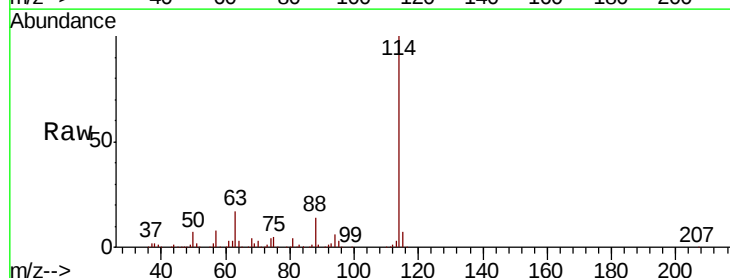
Tgt Ion: 114 Resp: 305735

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.8

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.719 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

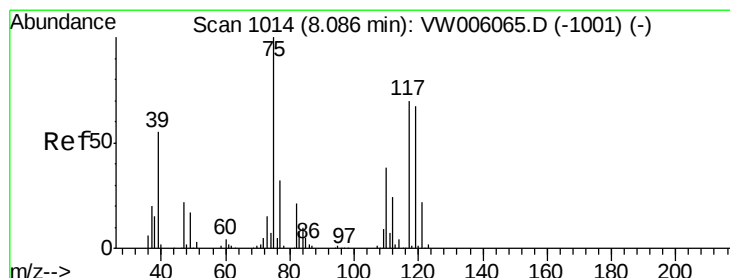
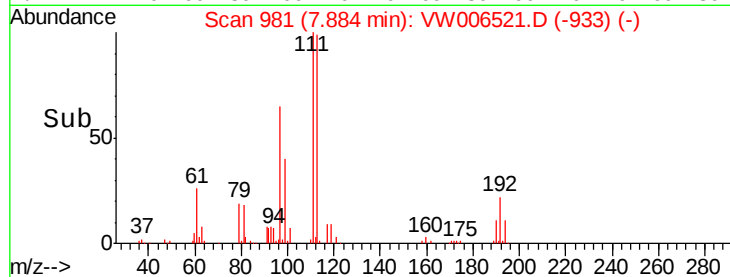
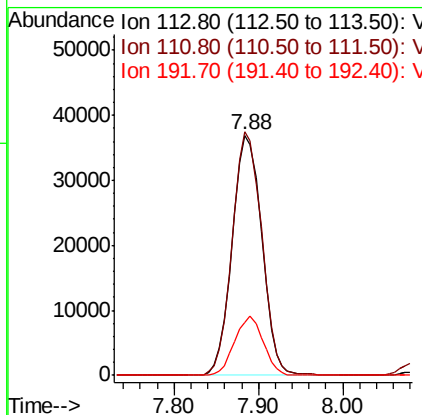
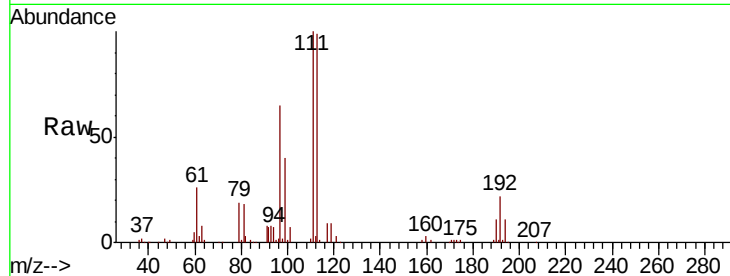
ClientSampleId :

VW1101SBS01

Tot Ion:	113	Resp:	88014
Ion Ratio	Lower	Upper	
113	100		
111	100.6	81.4	122.0
192	23.7	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 22.283 ug/l

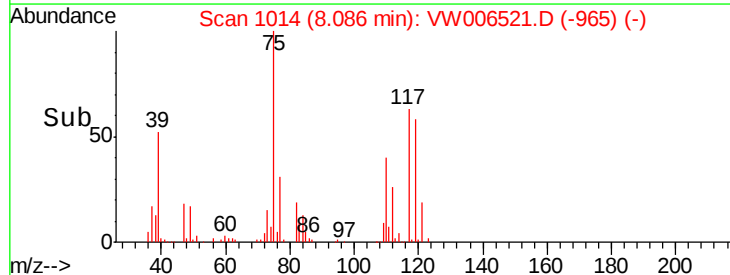
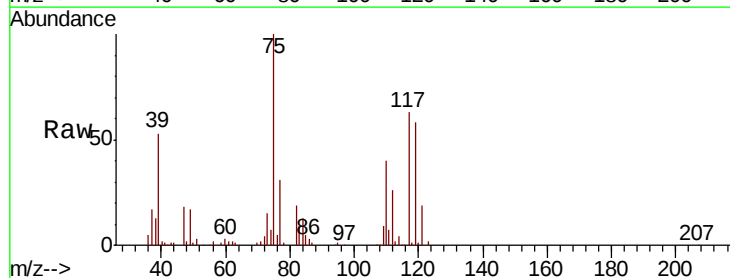
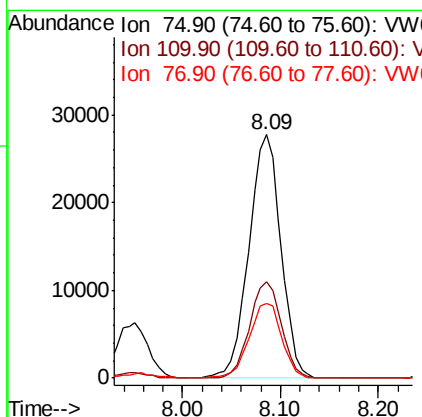
RT: 8.09 min Scan# 1014

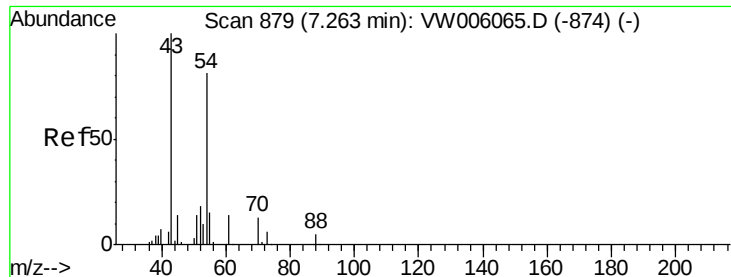
Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Tgt Ion:	75	Resp:	62794
Ion Ratio	Lower	Upper	
75	100		
110	39.3	19.1	57.1
77	31.3	25.0	37.4





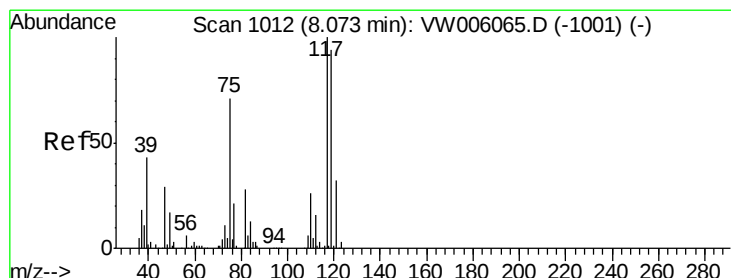
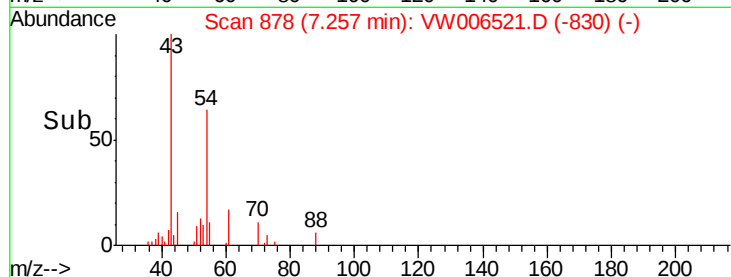
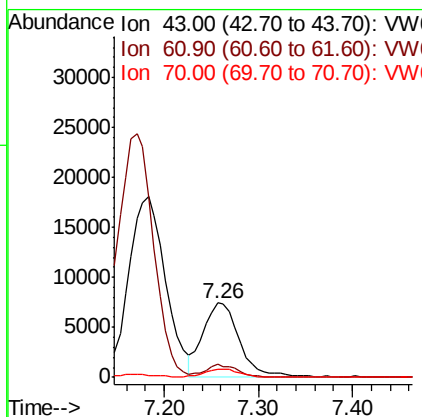
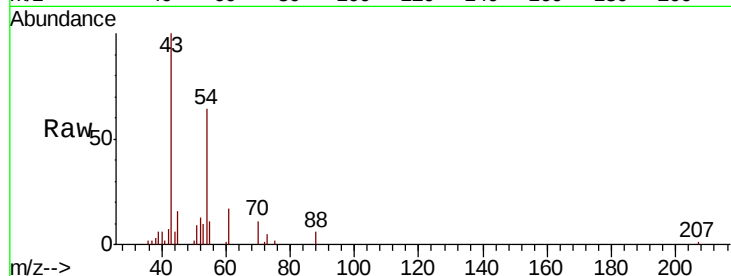
#37
Ethyl Acetate
Concen: 18.802 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	11.0	9.2	13.8

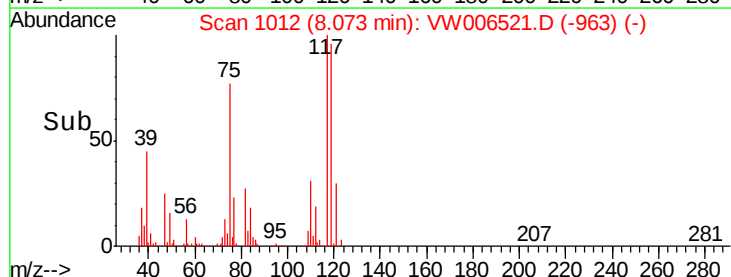
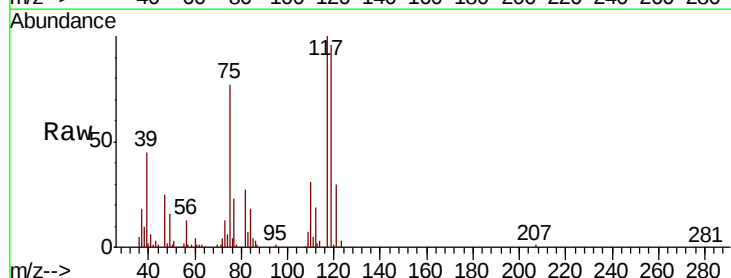
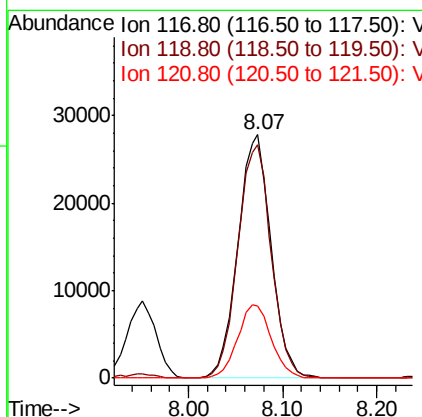
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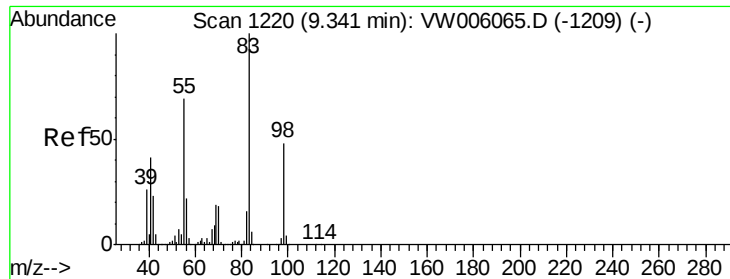
MMDadoda
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#38
Carbon Tetrachloride
Concen: 22.153 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.2	112.8
121	29.7	25.3	37.9





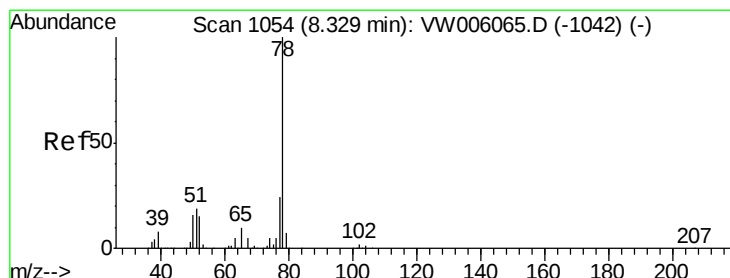
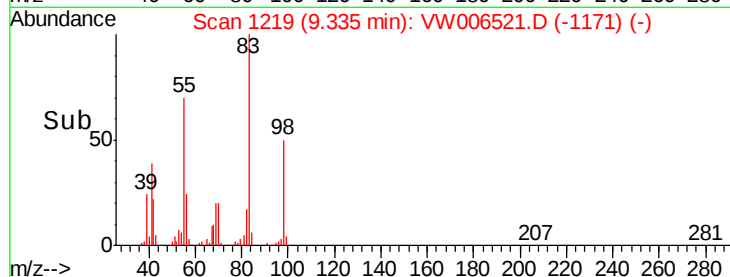
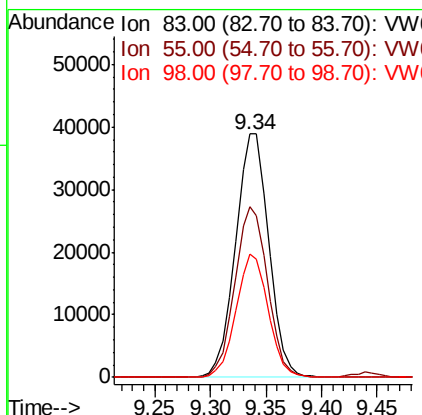
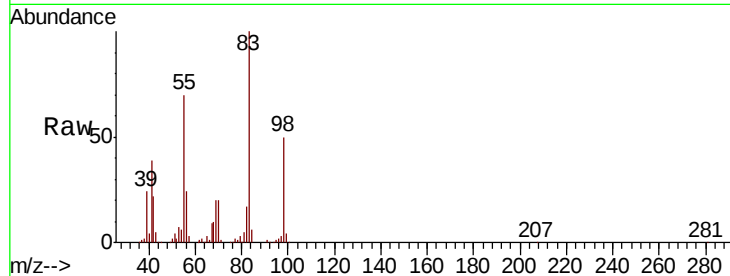
#39
Methvlcvclohexane
Concen: 21.561 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	83	Resp	80764
Ion Ratio	Lower	Upper	
83	100		
55	70.1	55.0	82.6
98	50.4	38.6	57.8

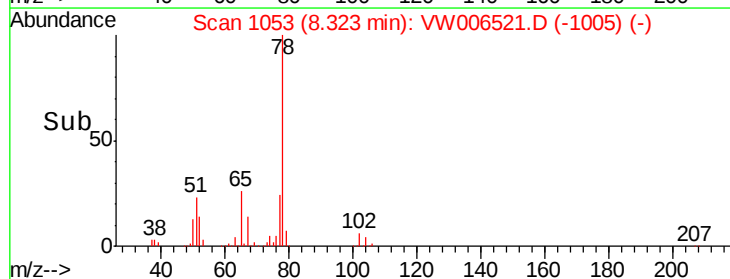
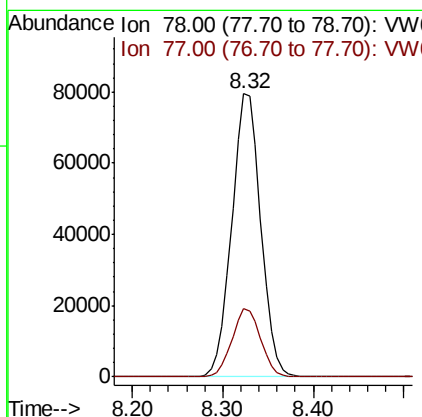
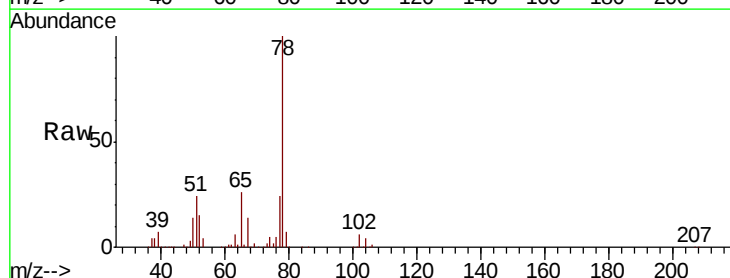
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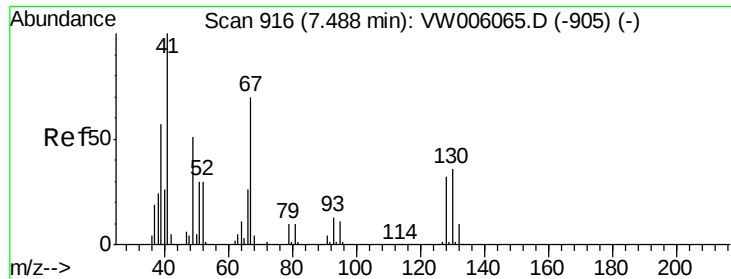
MMDadoda
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#40
Benzene
Concen: 22.796 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	78	Resp	176217
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.0





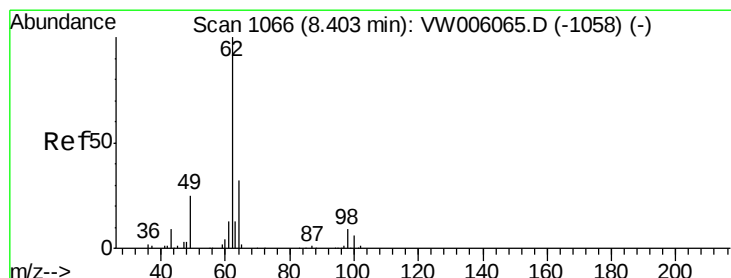
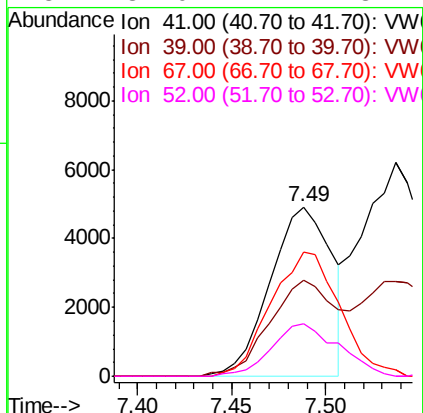
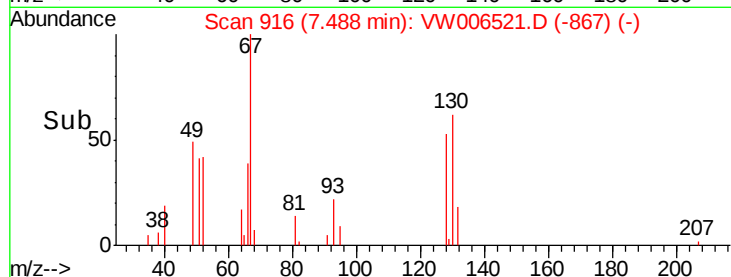
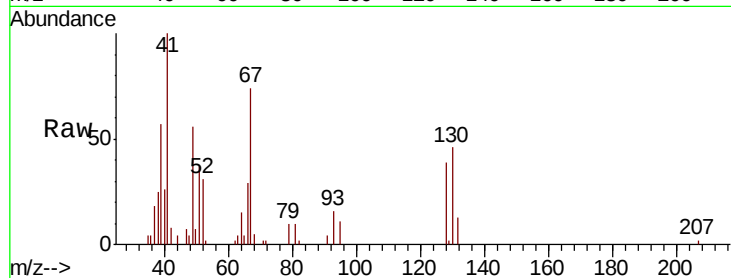
#41
Methacrylonitrile
Concen: 17.665 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	41	Resp	11150
Ion	Ratio	Lower	Upper
41	100		
39	64.1	46.2	69.4
67	81.9	57.7	86.5
52	34.0	24.7	37.1

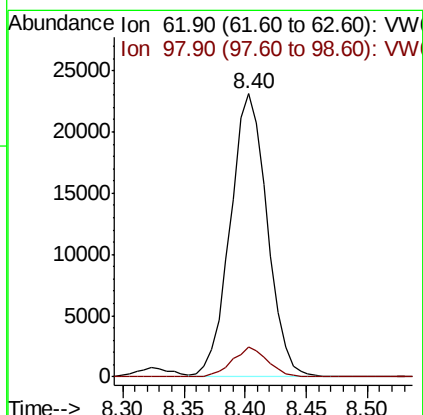
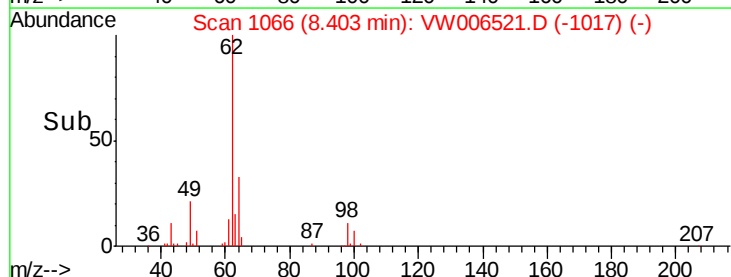
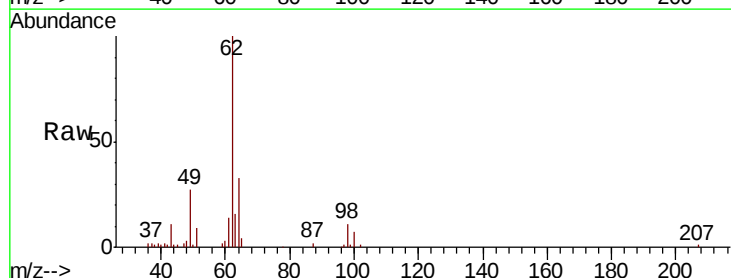
Manual Integrations
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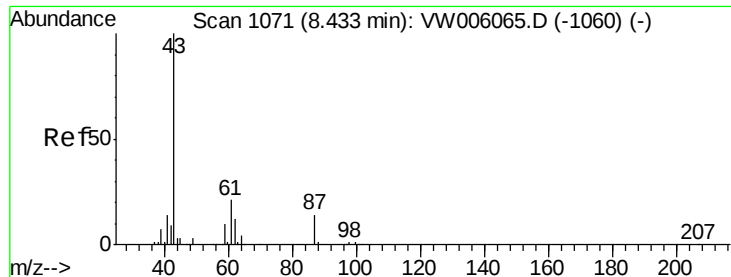
MMDadoda
11/1/2018 1:37:13 PM



#42
1,2-Dichloroethane
Concen: 21.253 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	62	Resp	48268
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 17.995 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

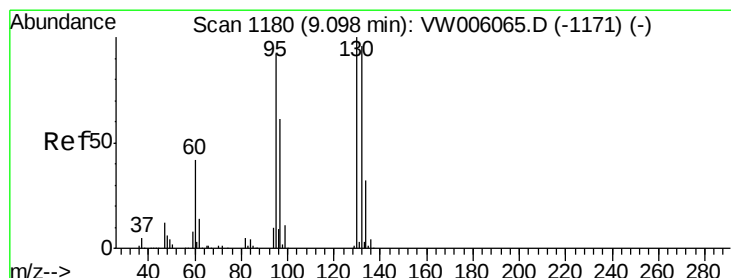
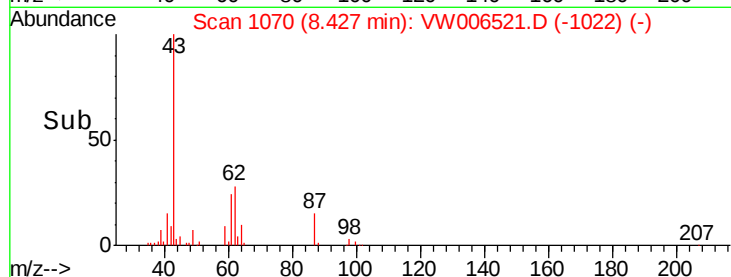
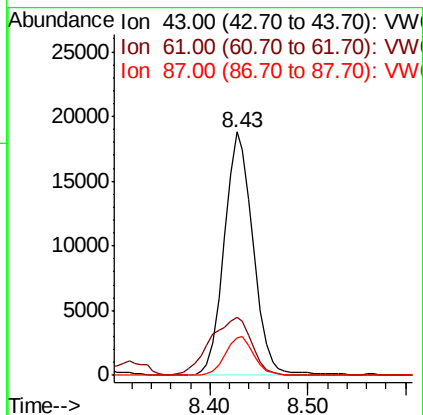
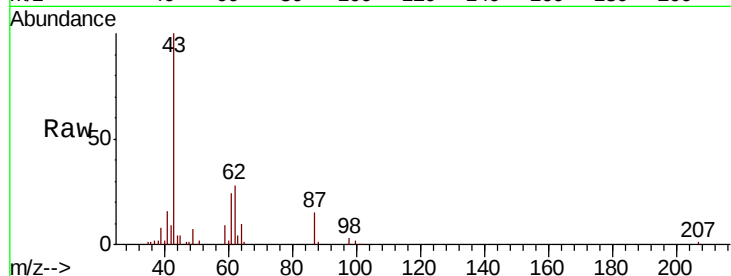
ClientSampleID :

VW1101SBS01

Tot Ion:	43	Resp:	38522
Ion	Ratio	Lower	Upper
43	100		
61	34.2	25.5	38.3
87	15.6	11.7	17.5

Manual Integrations
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11/1/2018 1:37:13 PM



#44

Trichloroethene

Concen: 22.908 ug/l

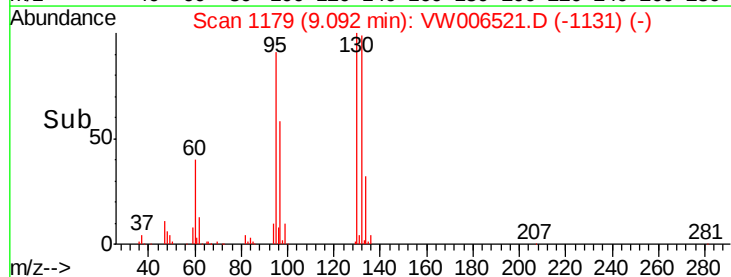
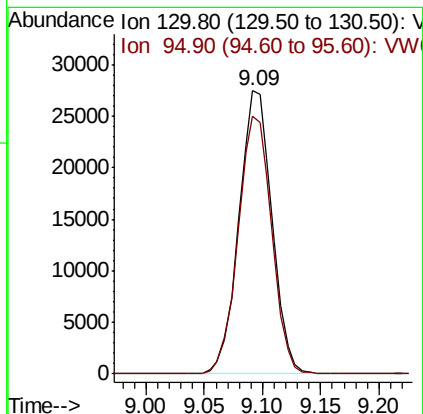
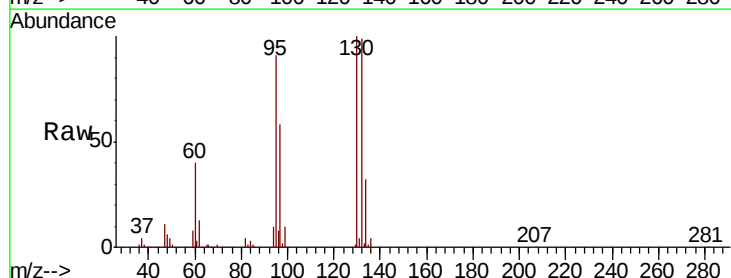
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Tgt Ion:	130	Resp:	54328
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	183.2





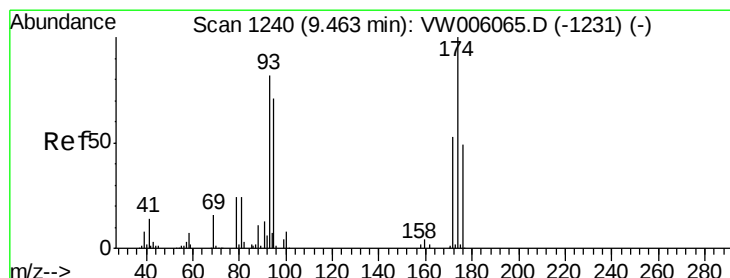
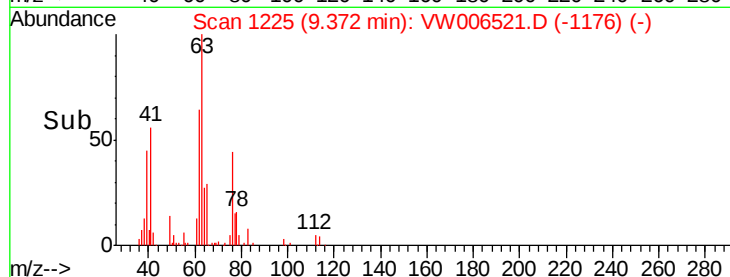
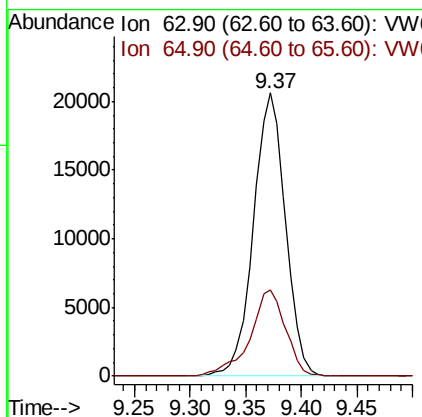
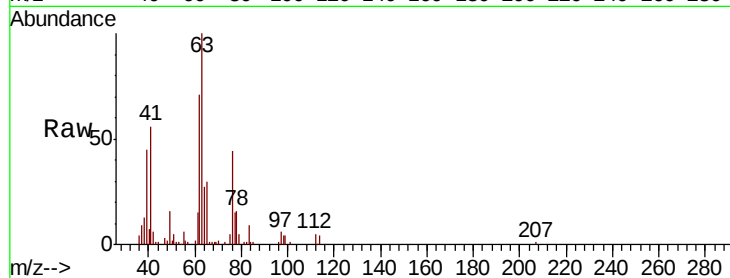
#45
 1,2-Dichloropropane
 Concen: 22.331 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	25.4	38.0

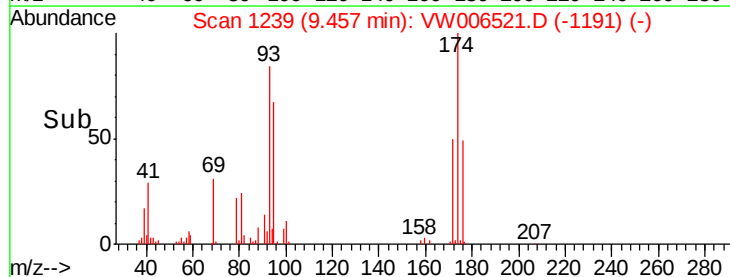
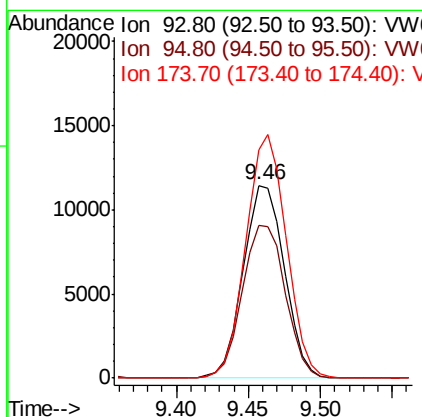
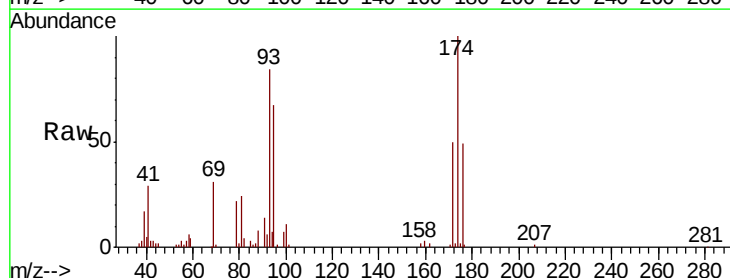
Manual Integrations
 APPROVED

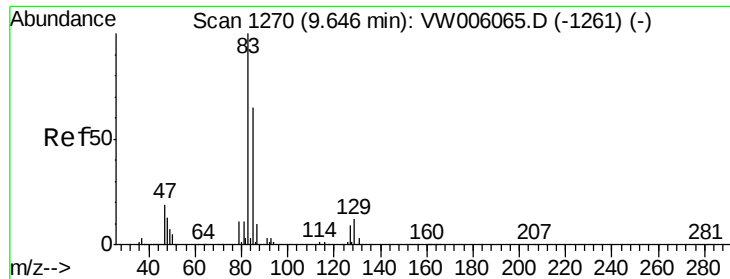
MMDadoda
 11/1/2018 1:37:13 PM



#46
 Dibromomethane
 Concen: 21.550 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.7	101.5
174	123.8	93.7	140.5





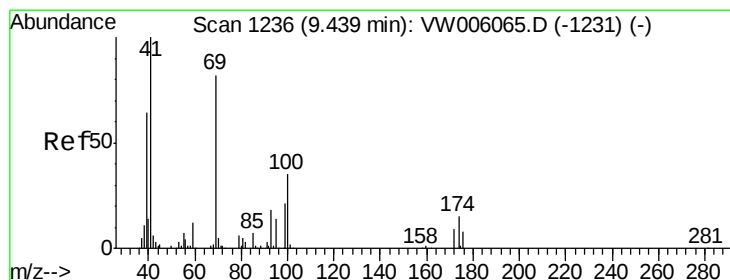
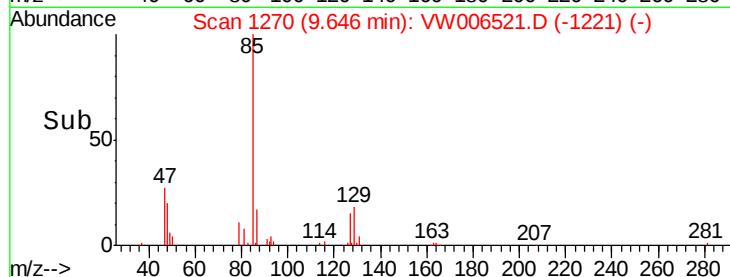
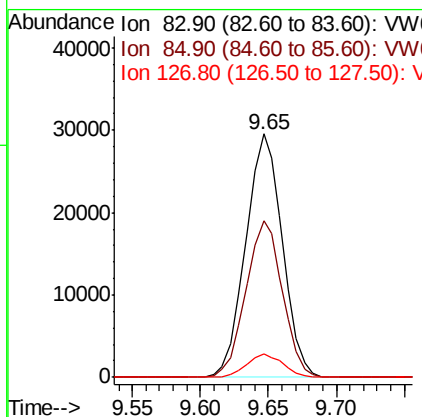
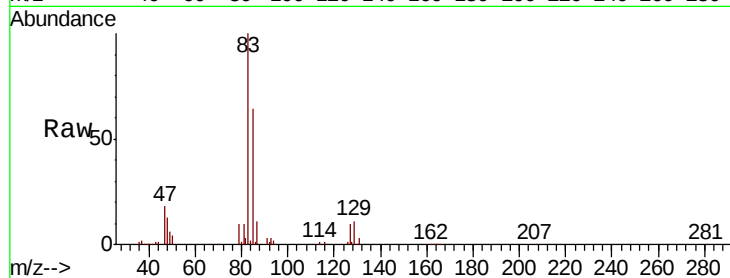
#47
Bromodichloromethane
Concen: 21.771 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8
127	9.7	6.9	10.3

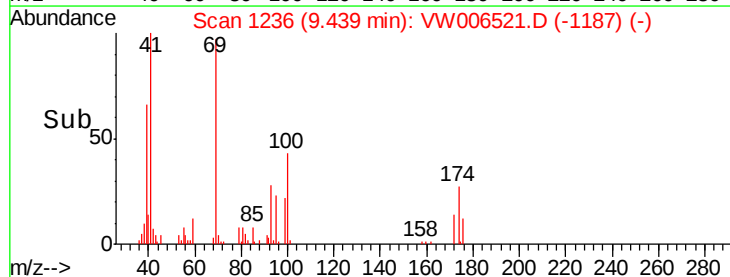
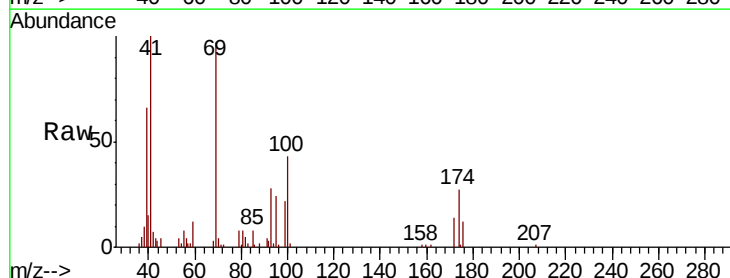
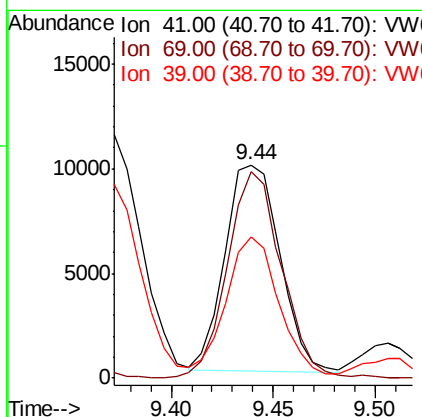
Manual Integrations
APPROVED

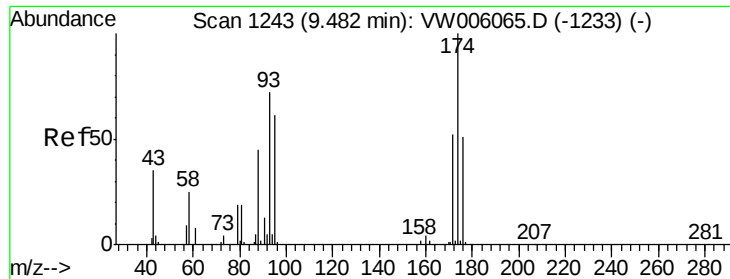
MMDadoda
11/1/2018 1:37:13 PM



#48
Methyl methacrylate
Concen: 18.144 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	98.8	71.8	107.8
39	61.7	52.5	78.7





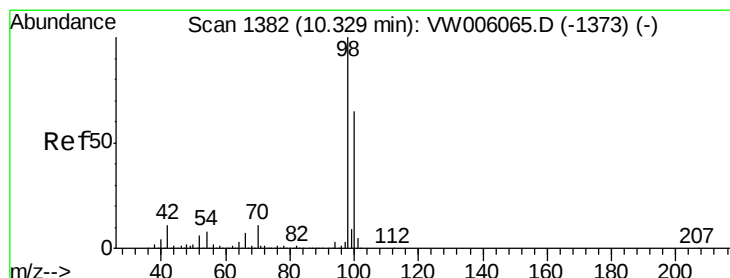
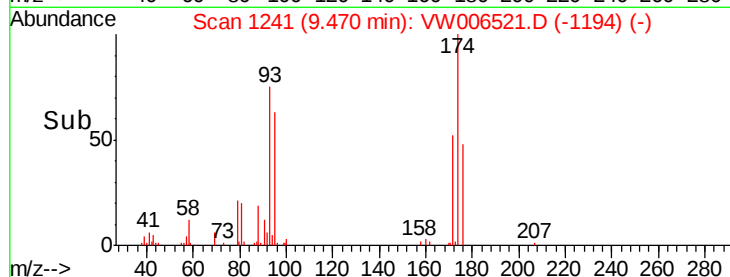
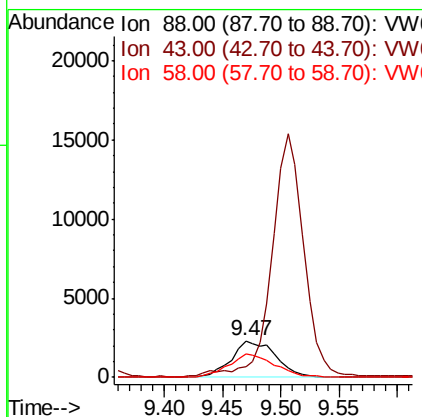
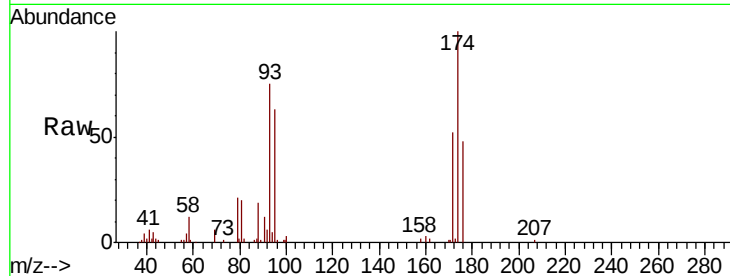
#49
1,4-Dioxane
Concen: 376.831 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.2	51.2	76.8

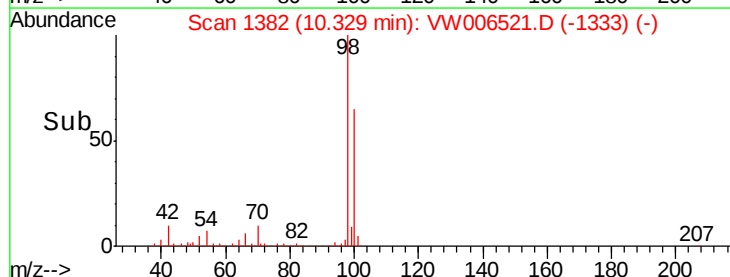
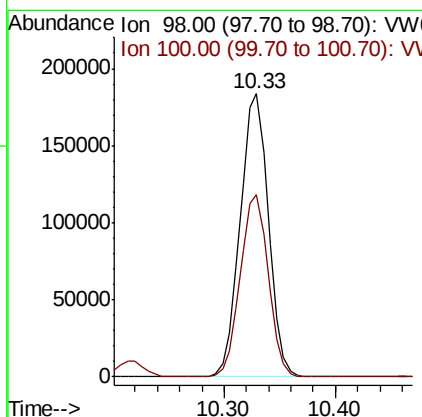
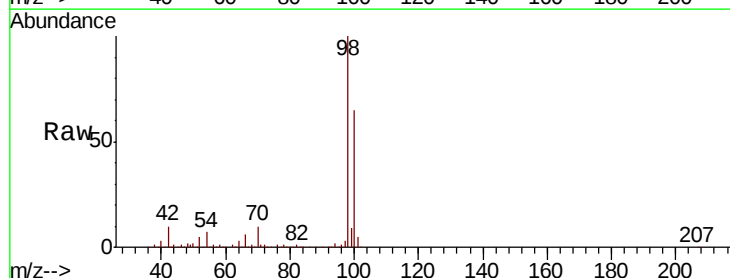
Manual Integrations
APPROVED

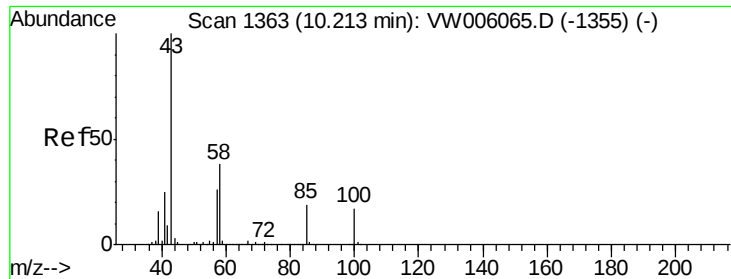
MMDadoda
11/1/2018 1:37:13 PM



#50
Toluene-d8
Concen: 46.926 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 91.602 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 43 Resp: 98252

Ion Ratio Lower Upper

43 100

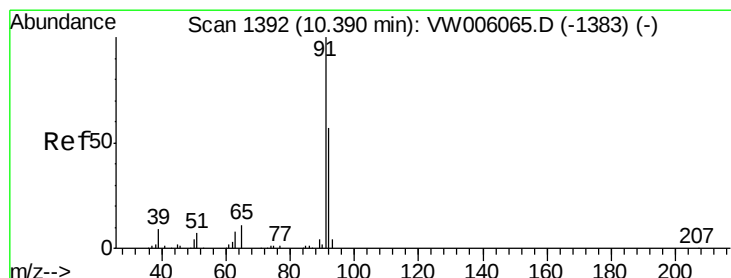
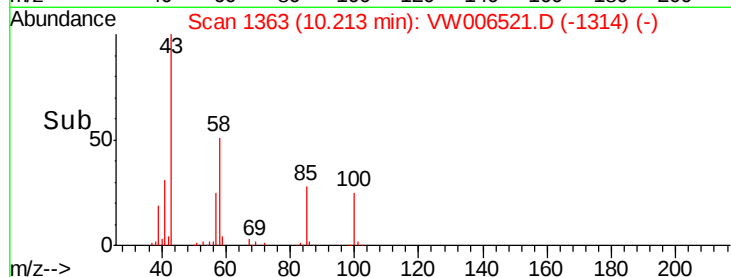
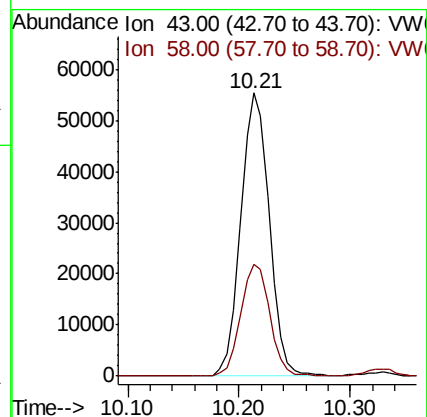
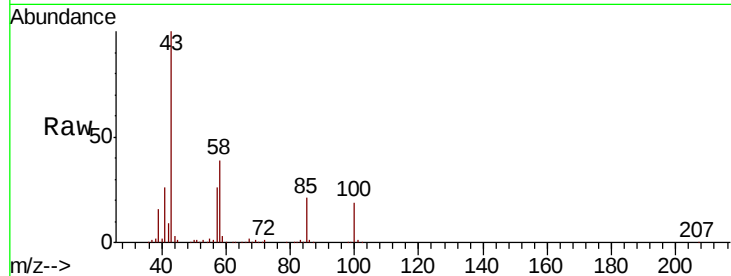
58 40.2 31.5 47.3

Manual Integrations

APPROVED

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11/1/2018 1:37:13 PM



#52

Toluene

Concen: 22.764 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006521.D

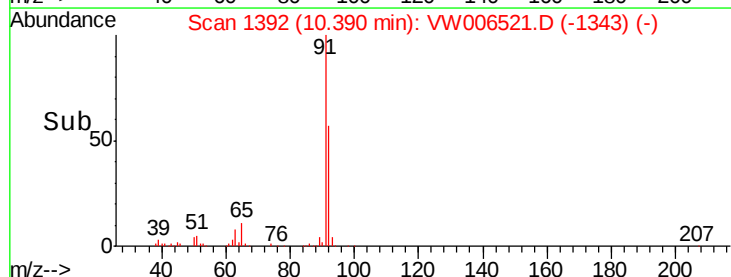
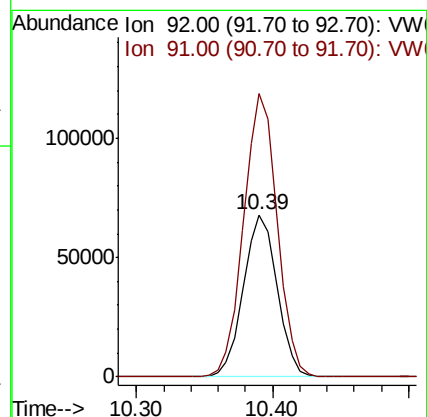
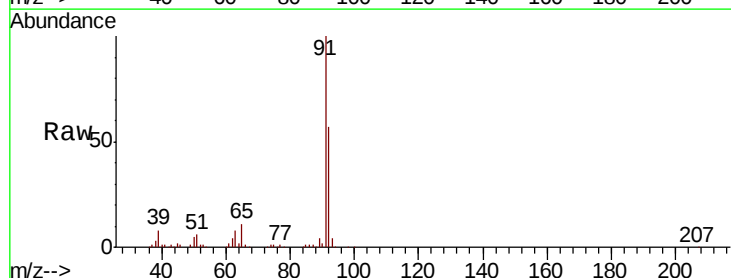
Acq: 31 Oct 2018 13:09

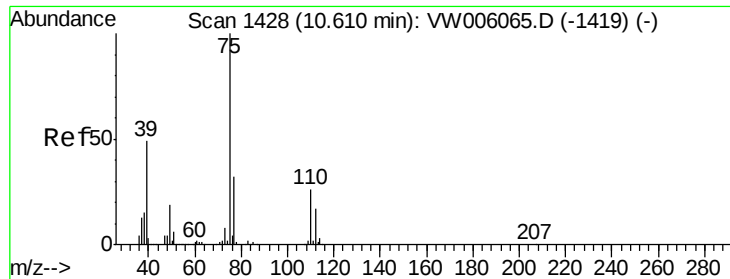
Tgt Ion: 92 Resp: 117973

Ion Ratio Lower Upper

92 100

91 173.9 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 20.408 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 75 Resp: 51971

Ion Ratio Lower Upper

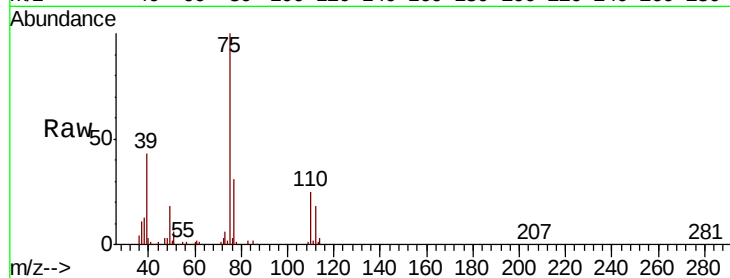
75 100

77 31.4 25.4 38.2

Manual Integrations
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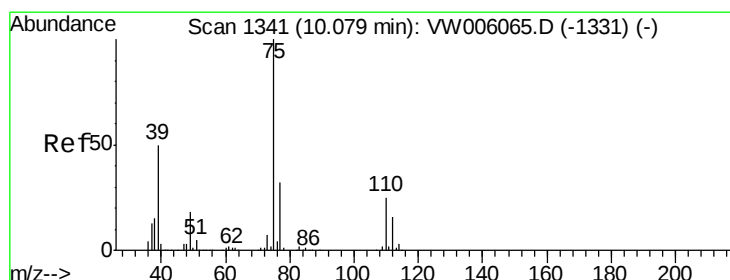
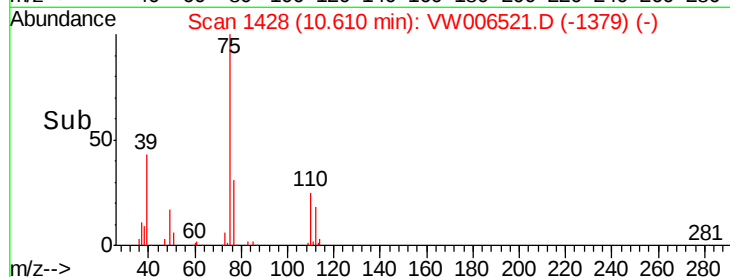
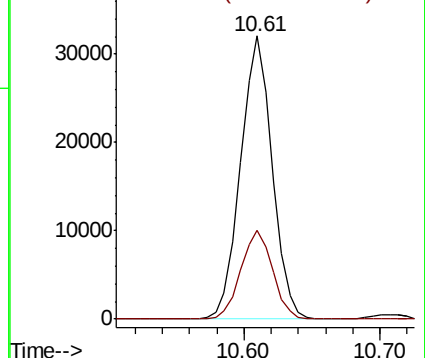
MMDadoda

11/1/2018 1:37:13 PM



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.225 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

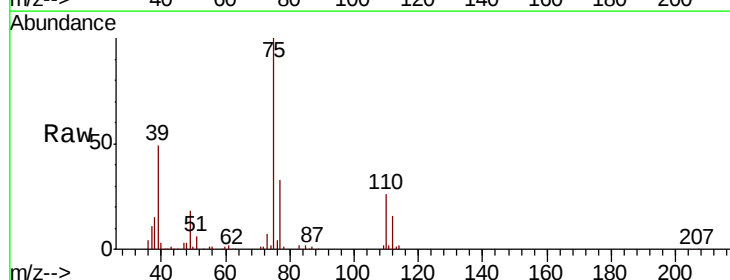
Tgt Ion: 75 Resp: 62035

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

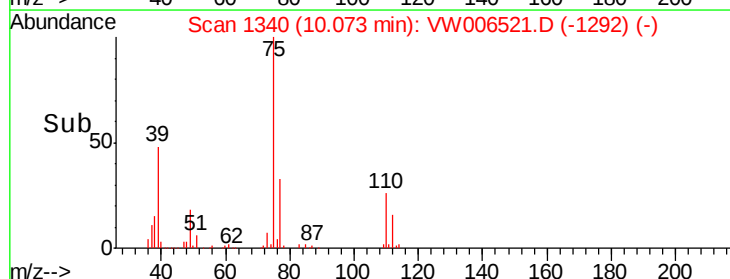
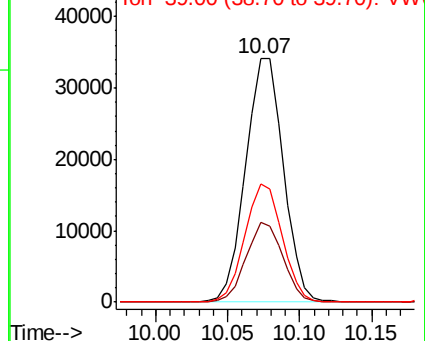
39 48.5 39.9 59.9

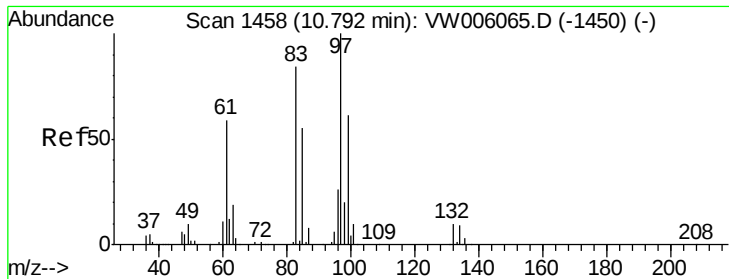


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





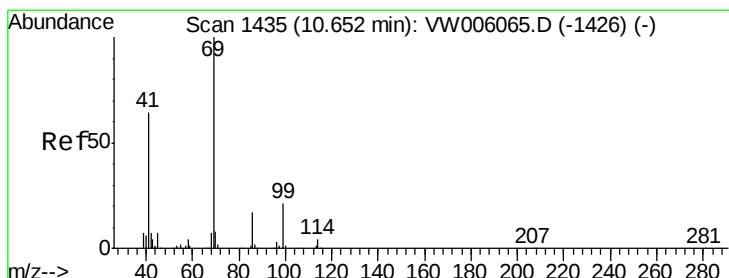
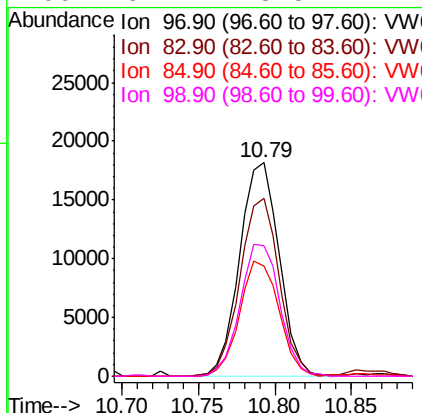
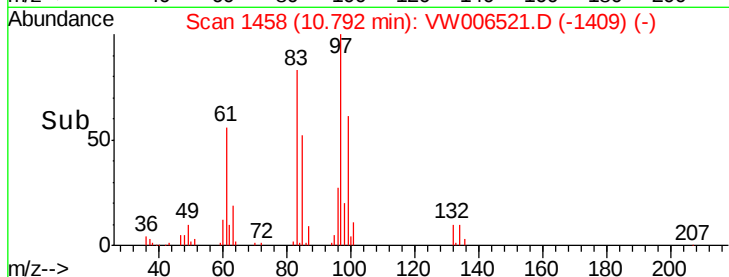
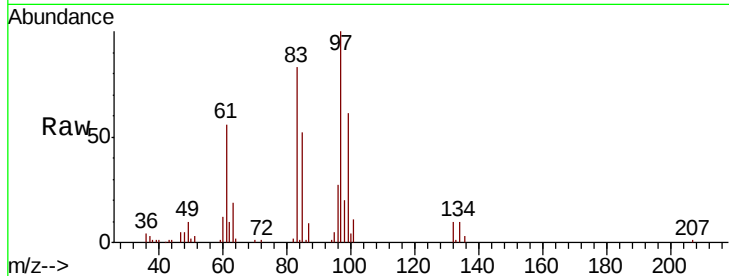
#55
 1,1,2-Trichloroethane
 Concen: 22.209 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		32766		
83	83.2	67.2	100.8		
85	51.6	43.7	65.5		
99	61.1	48.5	72.7		

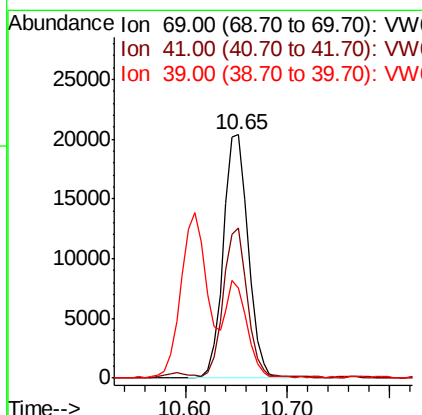
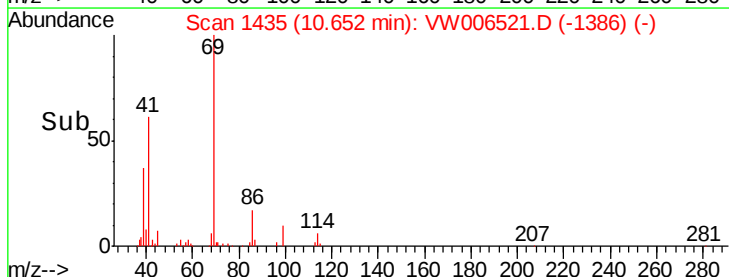
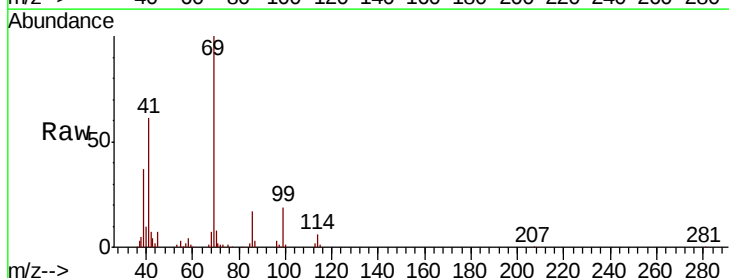
Manual Integrations
 APPROVED

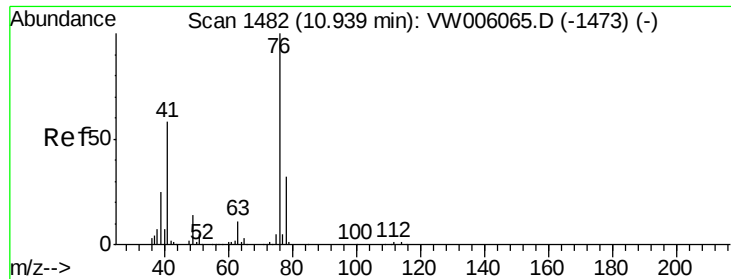
MMDadoda
 11/1/2018 1:37:13 PM



#56
 Ethyl methacrylate
 Concen: 19.167 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		34666		
41	59.0	52.8	79.2		
39	33.2	30.6	45.8		





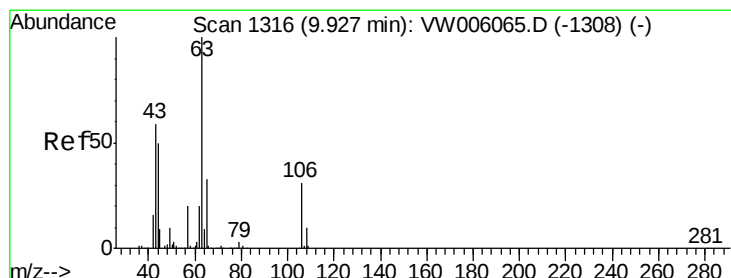
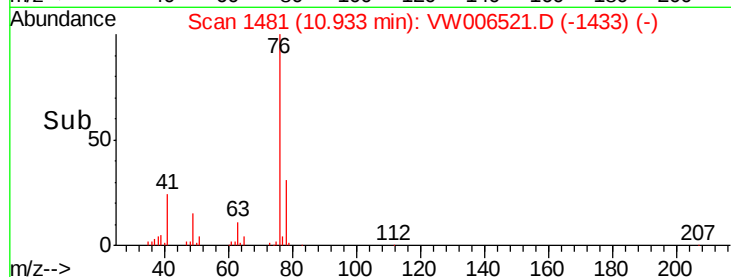
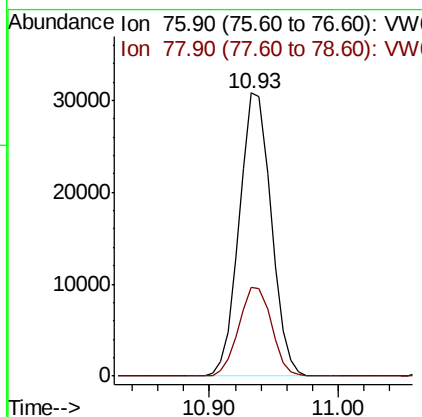
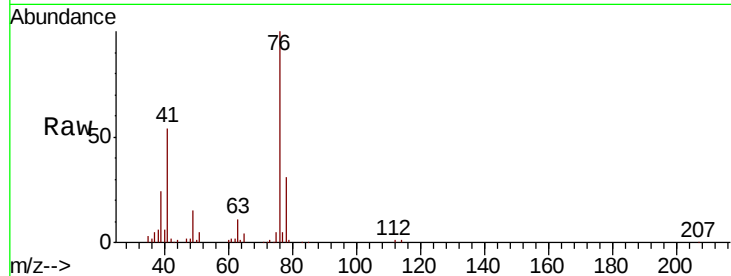
#57
 1,3-Dichloropropane
 Concen: 21.683 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

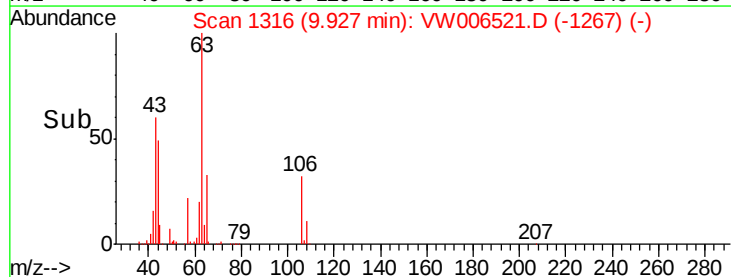
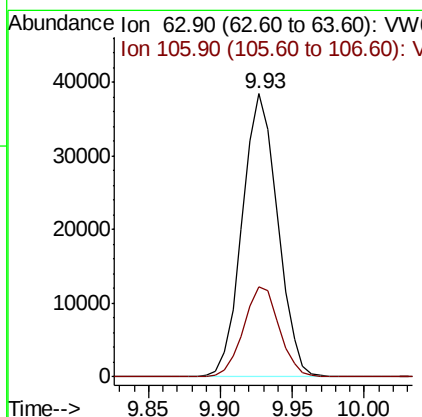
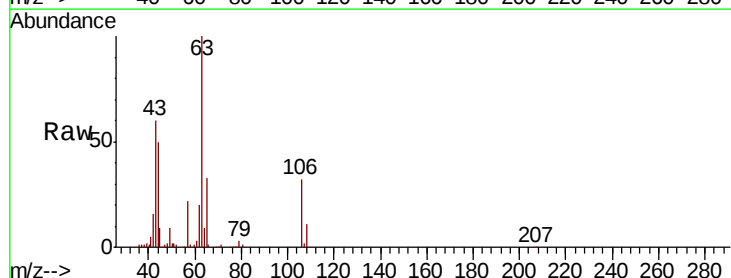
Manual Integrations
 APPROVED

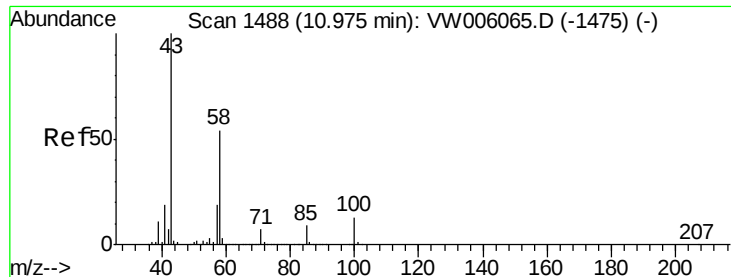
MMDadoda
 11/1/2018 1:37:13 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.817 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	24.5	36.7





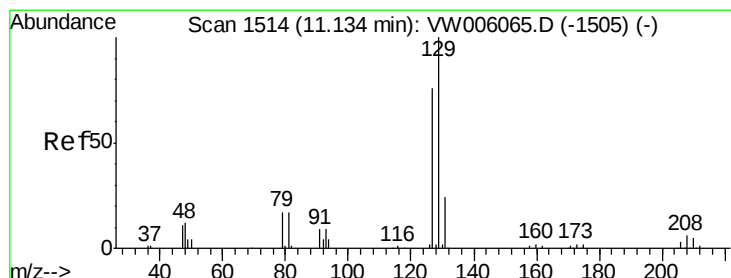
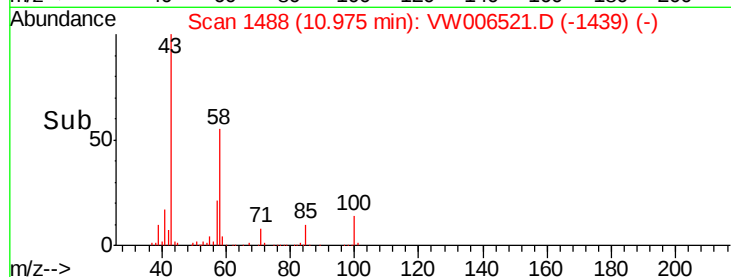
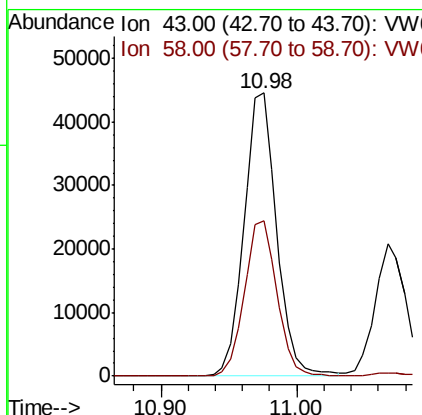
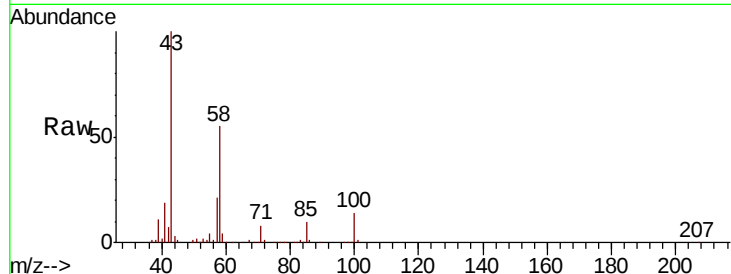
#59
2-Hexanone
Concen: 97.489 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion: 43 Resp: 74643
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.6

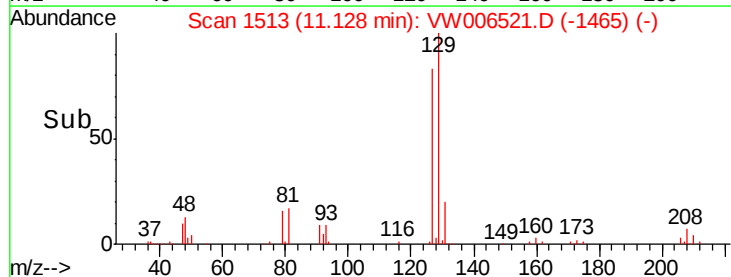
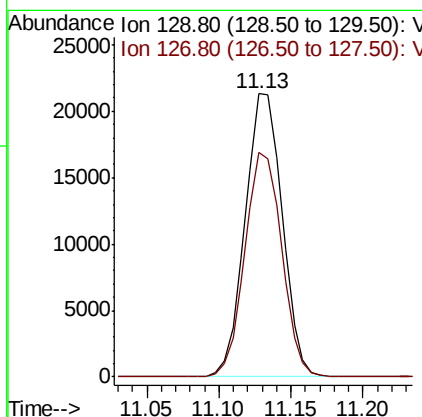
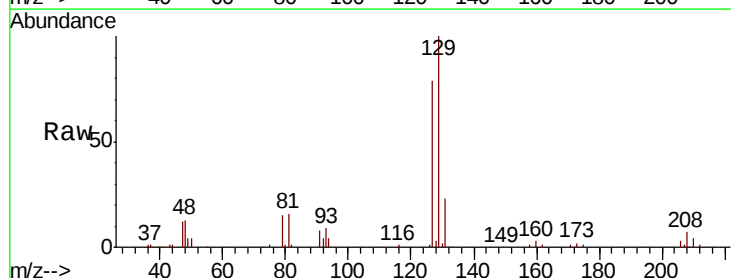
Manual Integrations
APPROVED

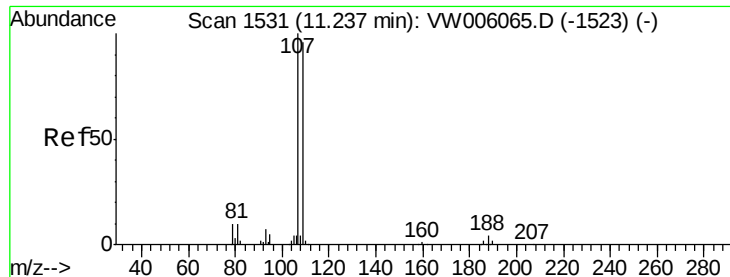
MMDadoda
11/1/2018 1:37:13 PM



#60
Dibromochloromethane
Concen: 20.727 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion: 129 Resp: 38090
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.7





#61

1,2-Dibromoethane

Concen: 21.443 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion:107 Resp: 31609

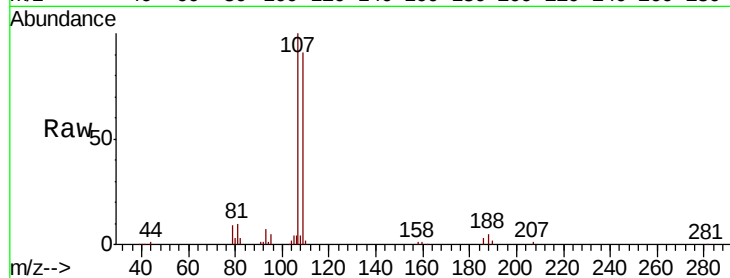
Ion Ratio Lower Upper

107 100

109 95.0 76.3 114.5

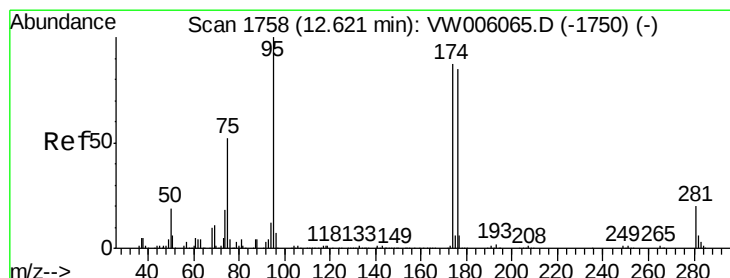
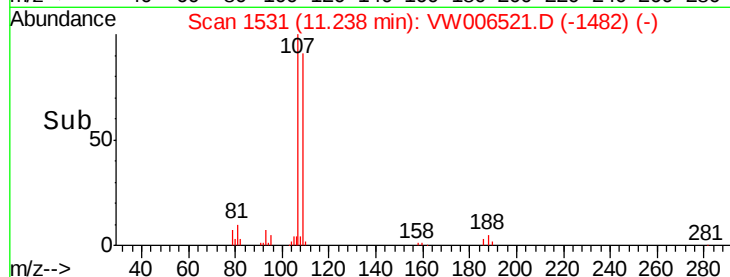
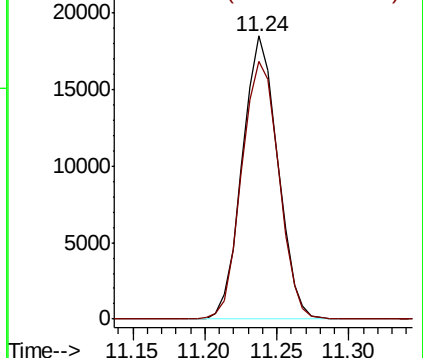
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.844 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

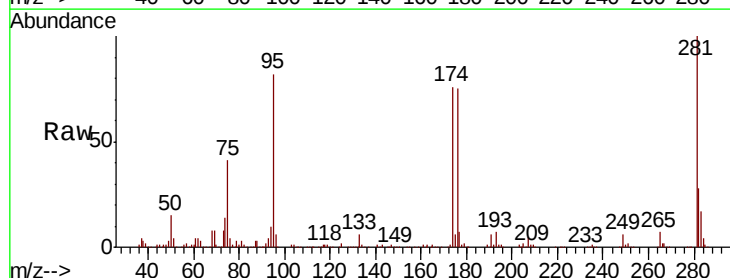
Tgt Ion: 95 Resp: 120927

Ion Ratio Lower Upper

95 100

174 96.3 0.0 186.0

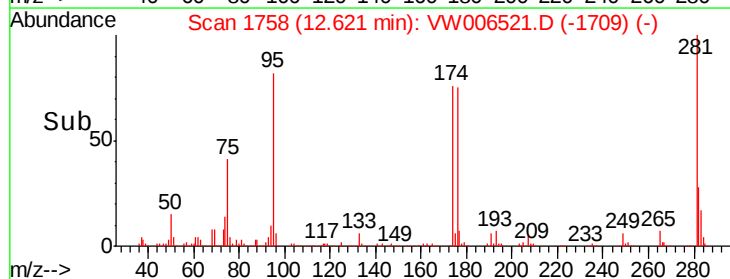
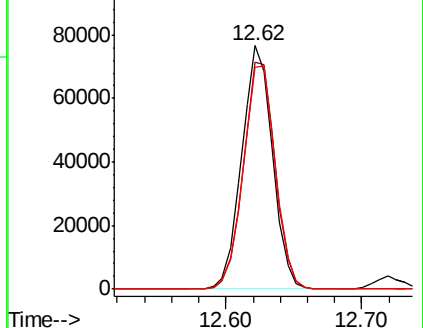
176 96.0 0.0 181.6

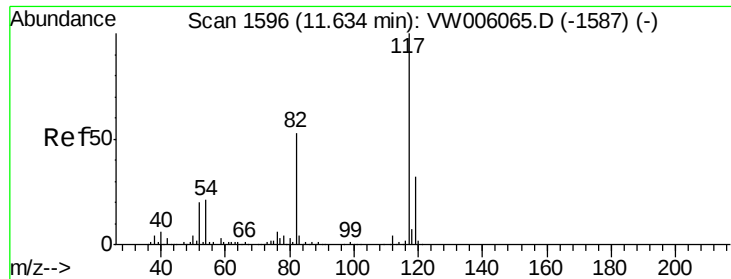


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





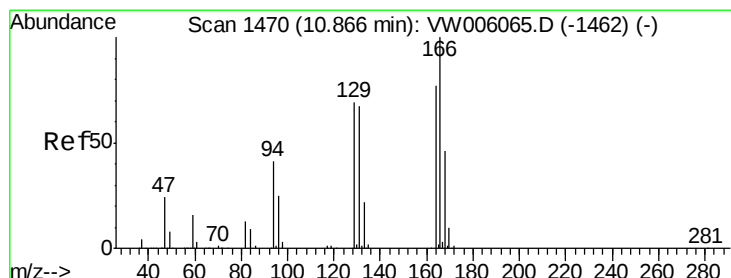
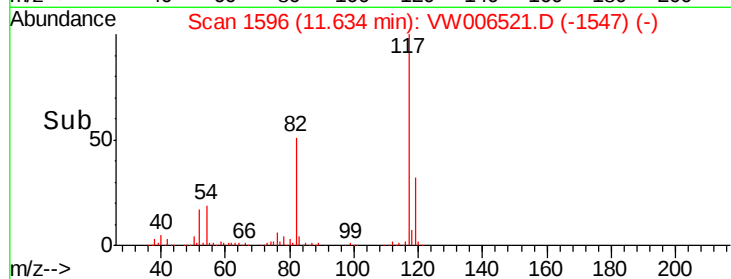
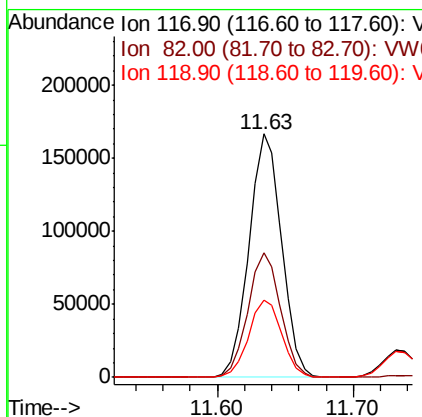
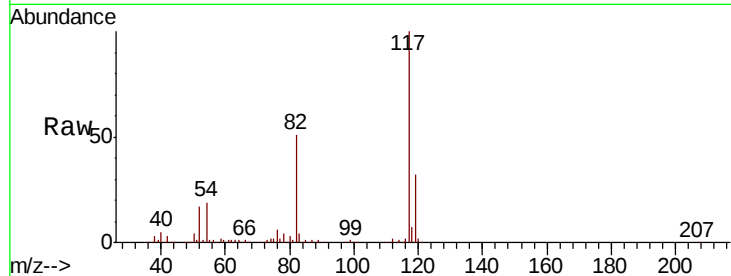
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.1	63.1
119	31.6	25.8	38.6

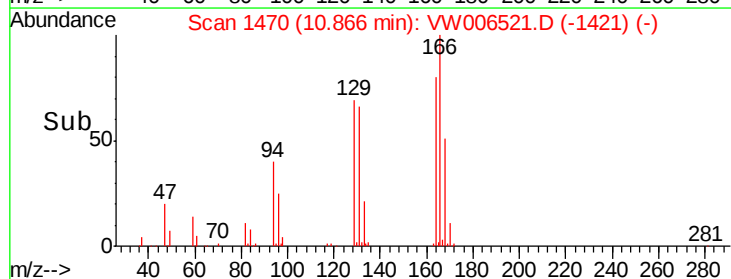
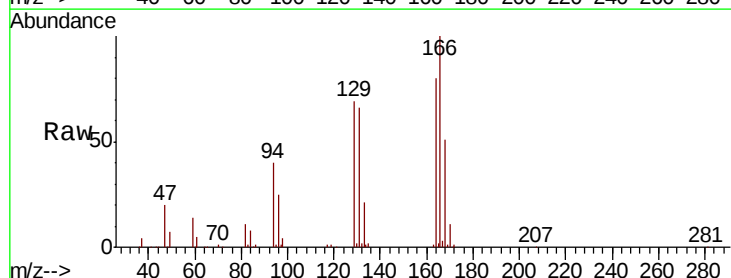
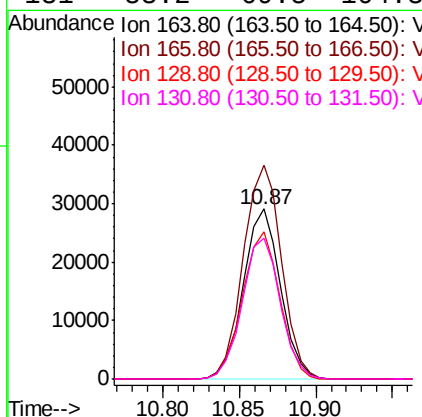
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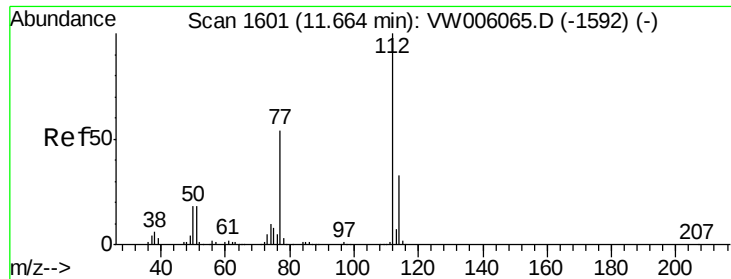
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#64
Tetrachloroethene
Concen: 22.607 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	103.4	155.0
129	86.9	71.8	107.8
131	83.2	69.5	104.3





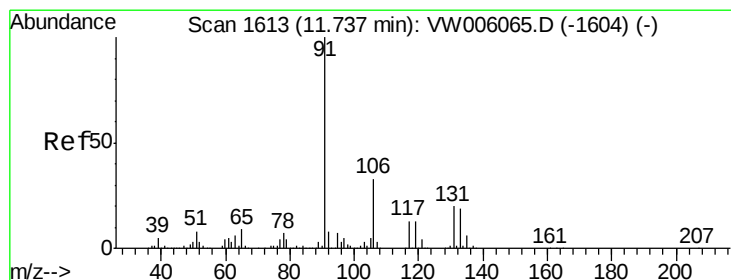
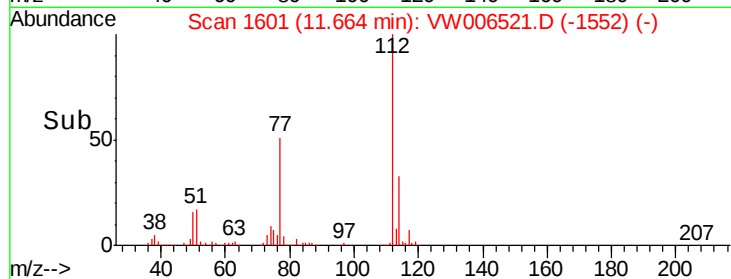
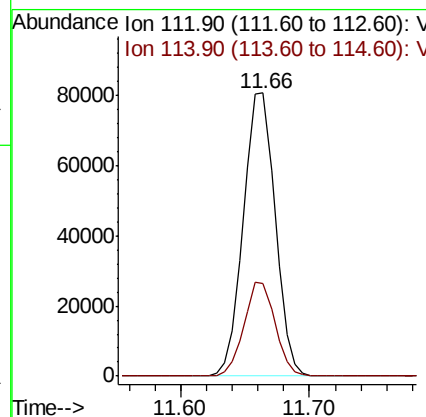
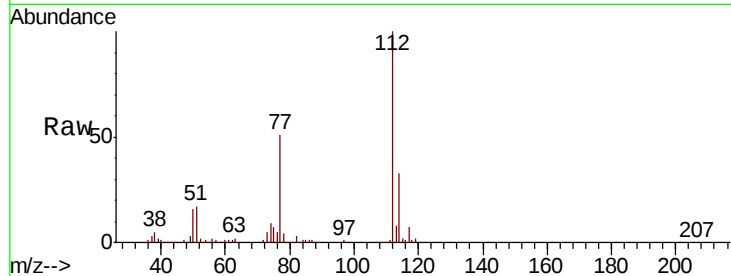
#65
Chlorobenzene
Concen: 23.028 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.2

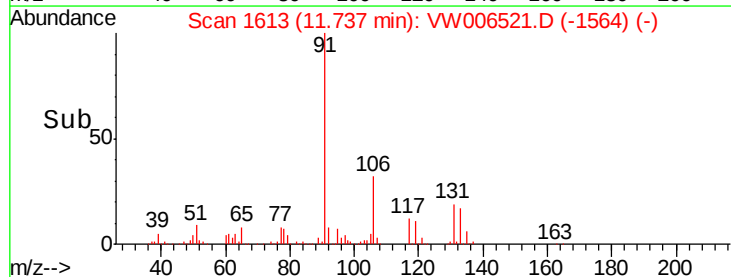
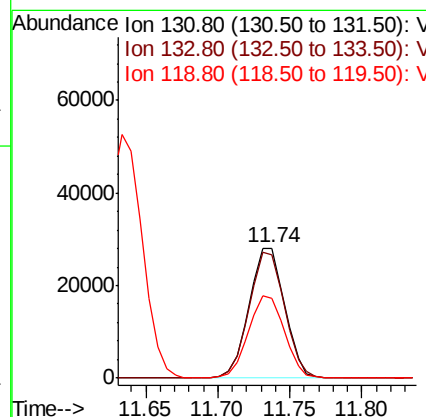
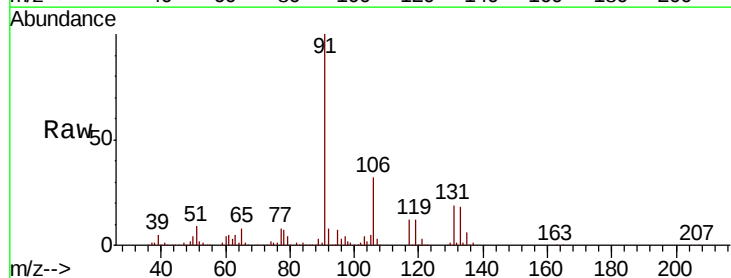
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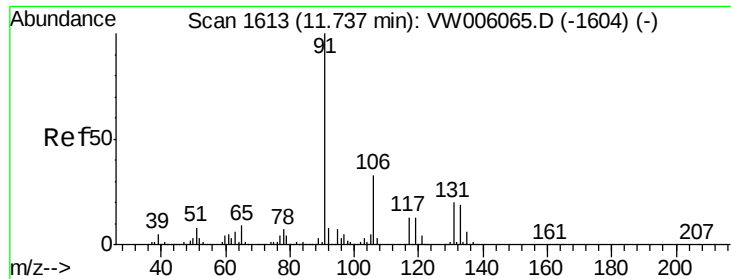
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.508 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.1	144.3
119	63.9	31.6	94.7





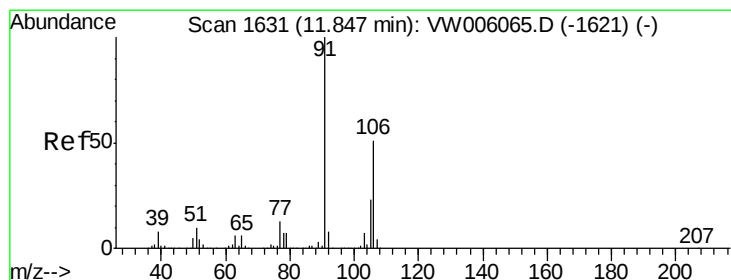
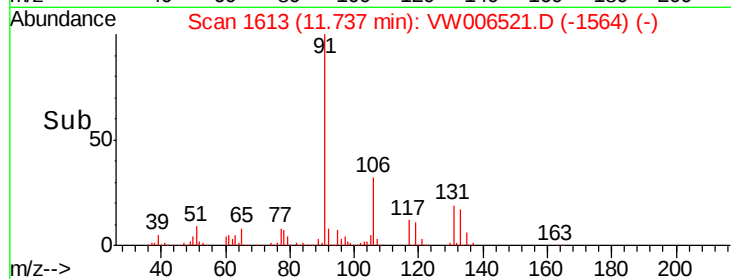
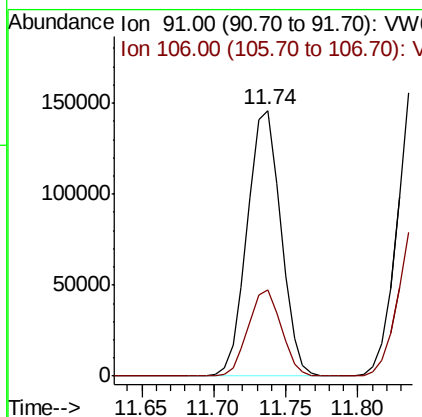
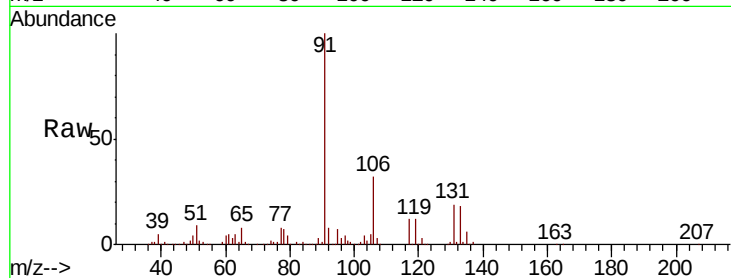
#67
Ethyl Benzene
Concen: 22.689 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion: 91 Resp: 235982
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1

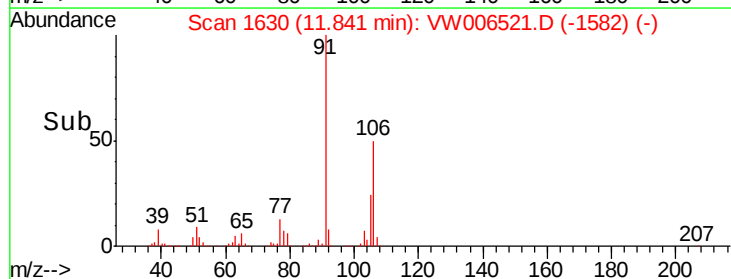
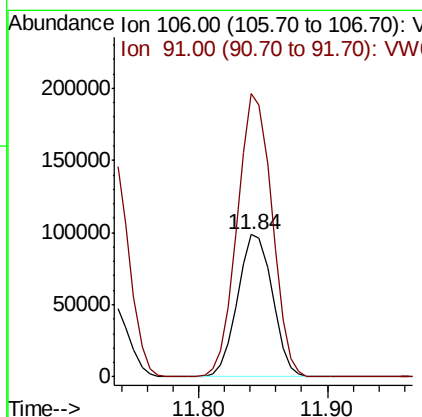
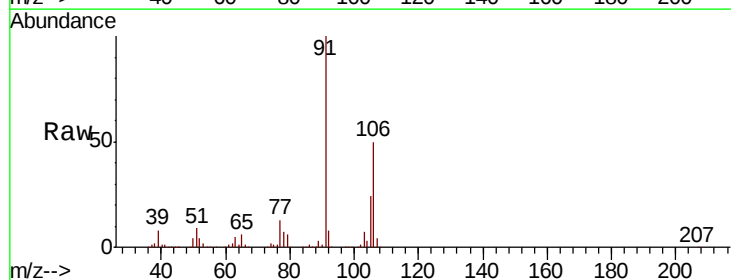
Manual Integrations
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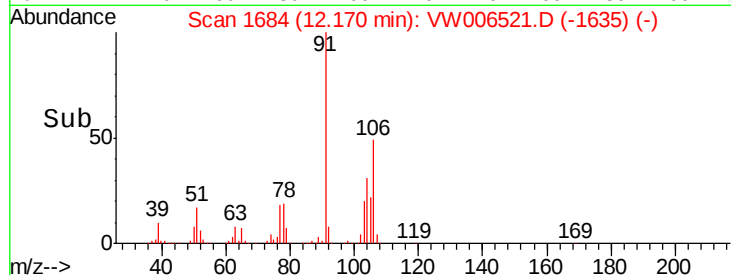
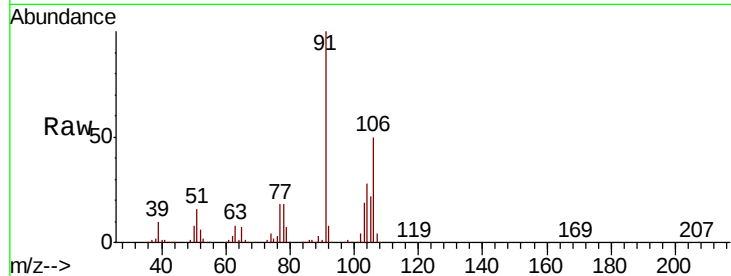
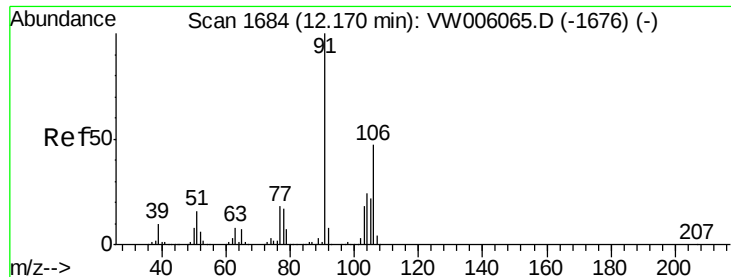
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#68
m/p-Xylenes
Concen: 45.338 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion: 106 Resp: 186384
Ion Ratio Lower Upper
106 100
91 197.3 159.1 238.7





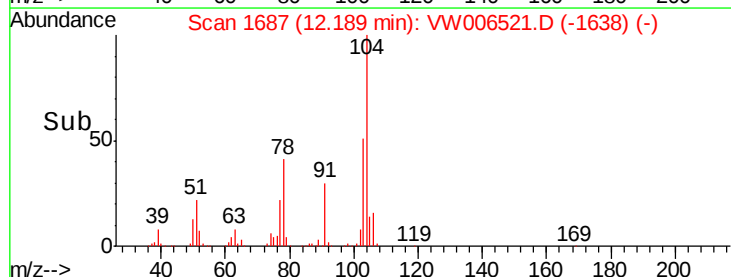
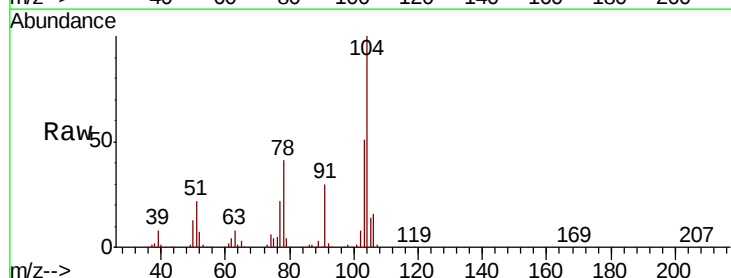
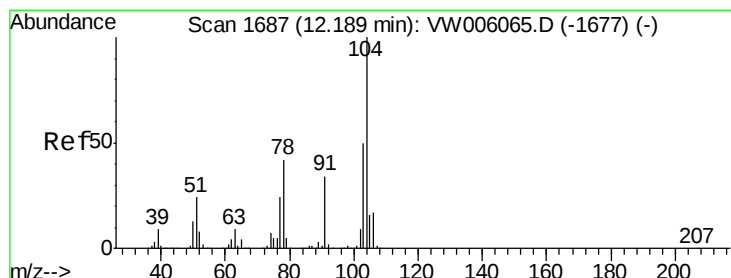
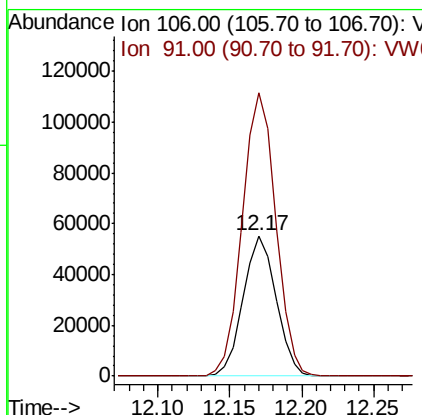
#69
o-Xylene
Concen: 22.303 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tot Ion:106 Resp: 87379
Ion Ratio Lower Upper
106 100
91 205.1 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

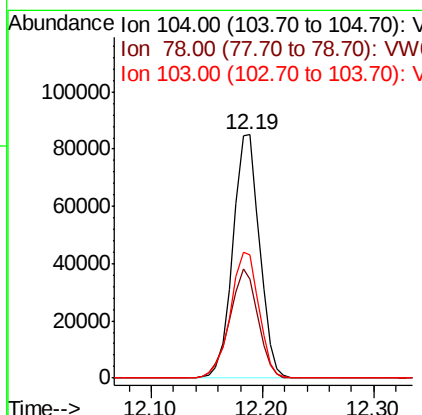
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#70
Styrene
Concen: 22.138 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion:104 Resp: 141042
Ion Ratio Lower Upper
104 100
78 47.8 39.1 58.7
103 55.5 44.3 66.5





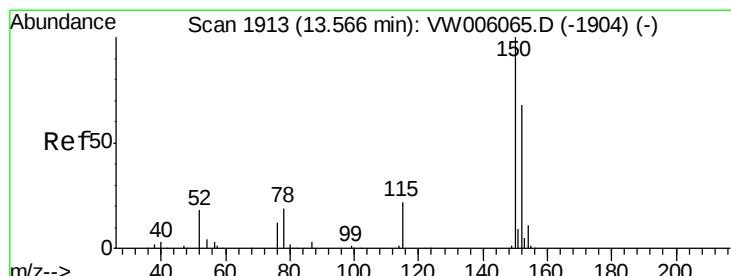
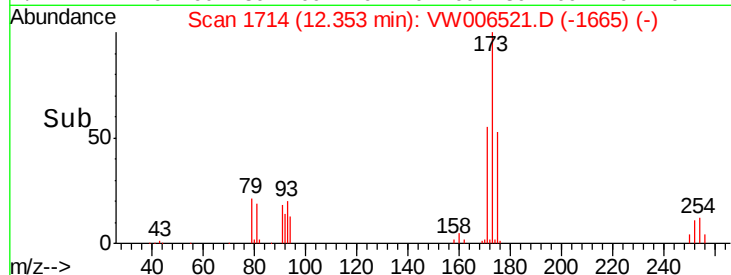
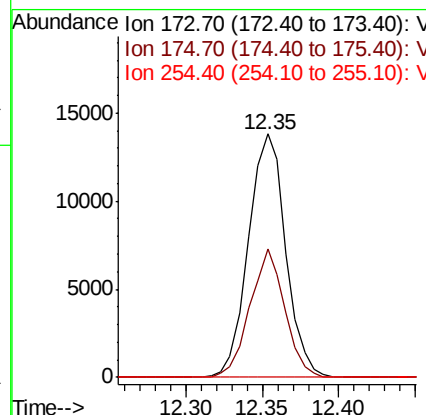
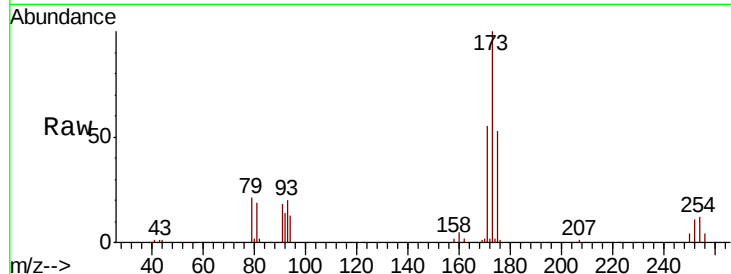
#71
Bromoform
Concen: 19.607 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.2	72.6
254	0.0	0.1	0.1#

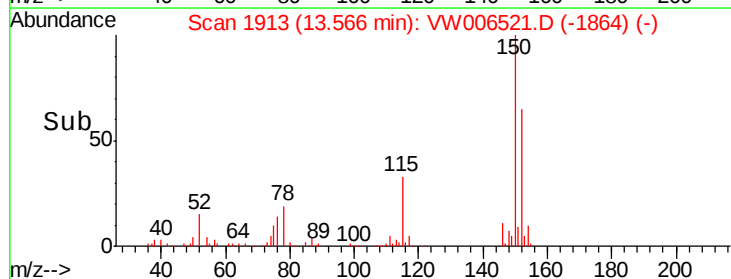
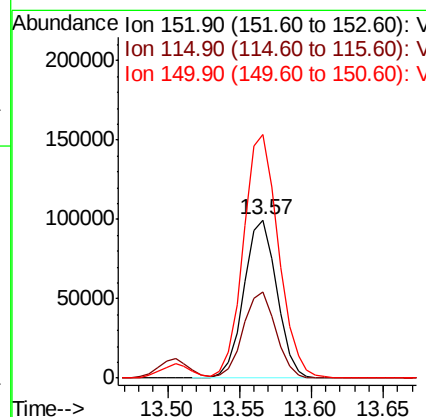
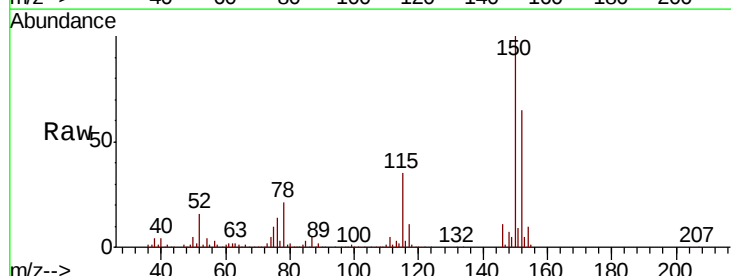
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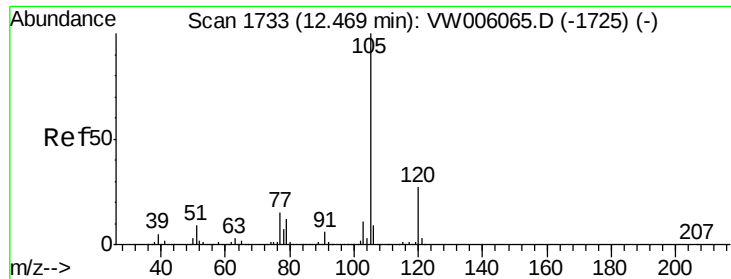
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.8	83.3
150	163.7	0.0	349.2





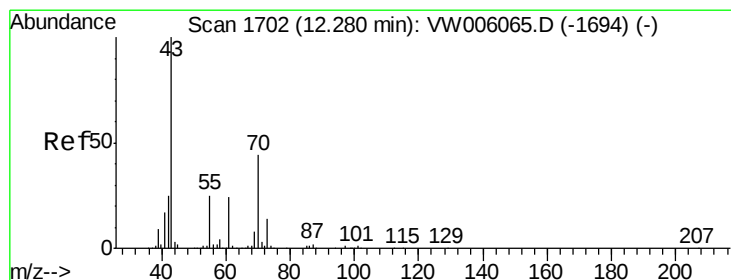
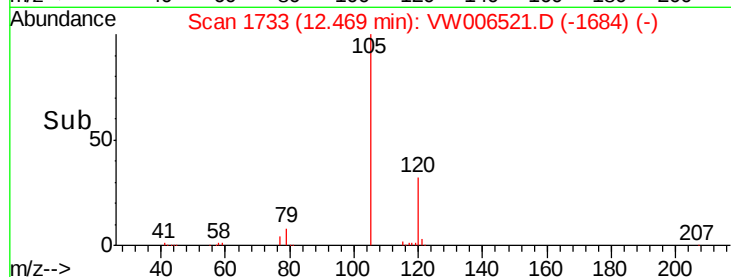
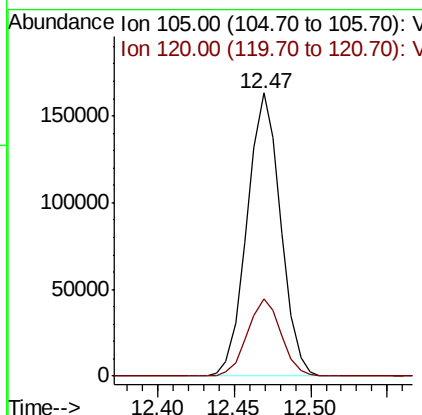
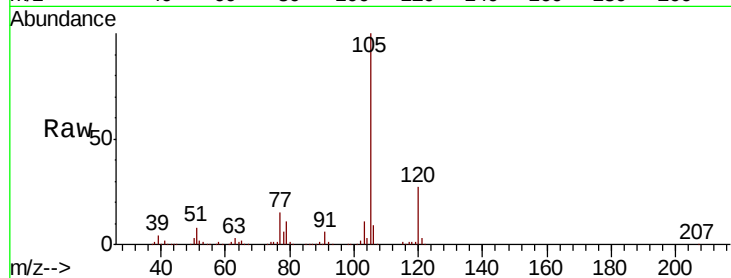
#73
Isopropylbenzene
Concen: 22.340 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	249198		
120	27.2	13.6	40.7	

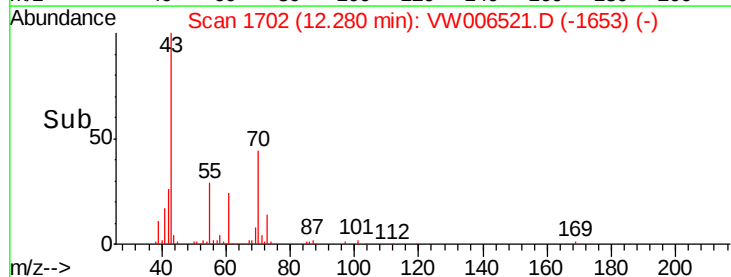
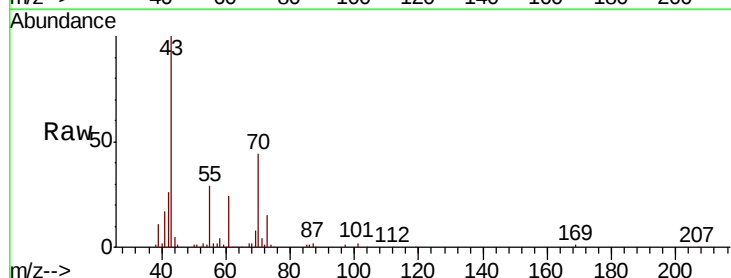
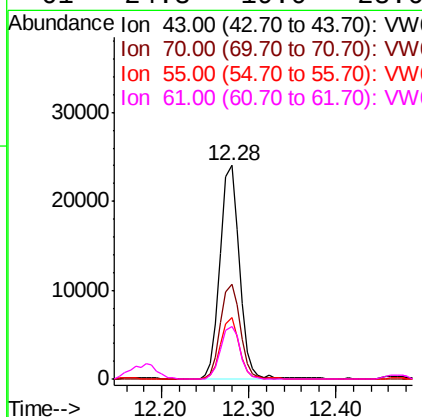
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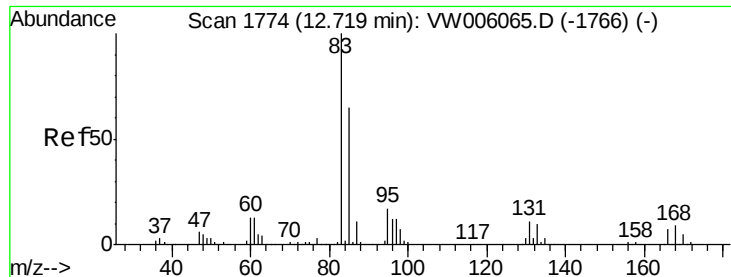
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#74
N-ethyl acetate
Concen: 17.125 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	37103		
70	45.4	34.2	51.4	
55	27.2	19.2	28.8	
61	24.3	19.0	28.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 21.130 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

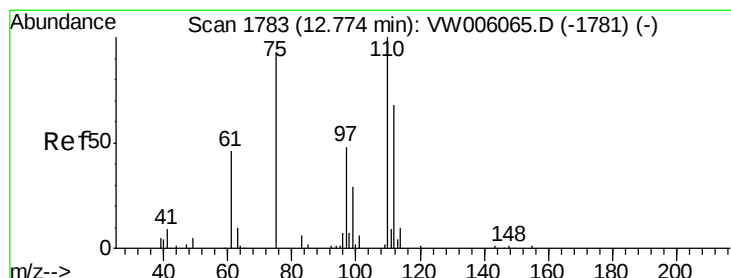
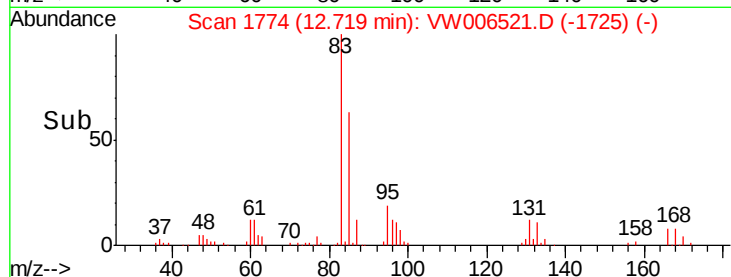
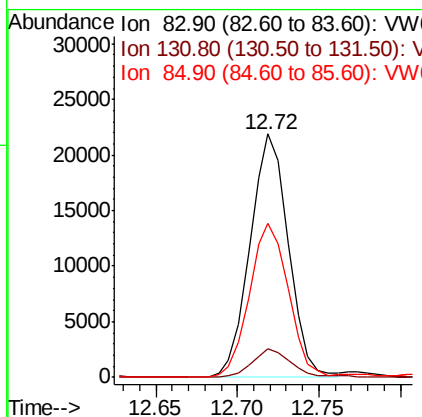
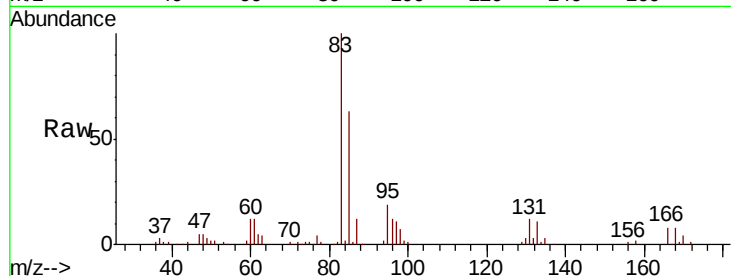
ClientSampleId :

VW1101SBS01

Tot Ion:	83	Resp:	35849
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.9	17.7
85	64.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 22.304 ug/l m

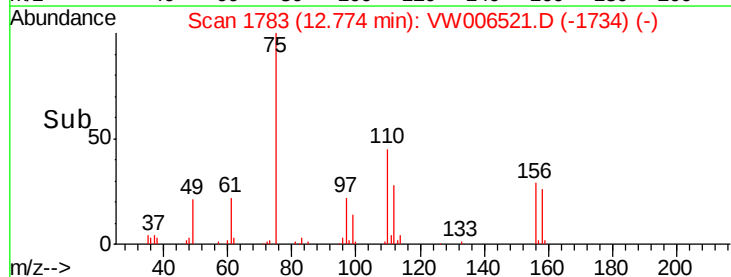
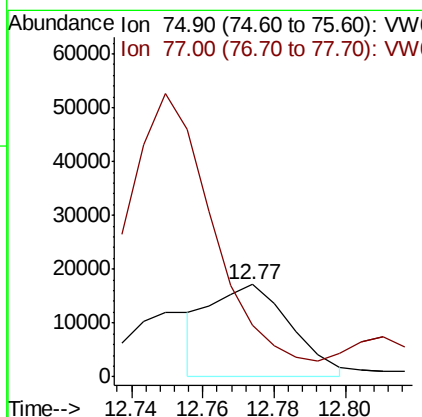
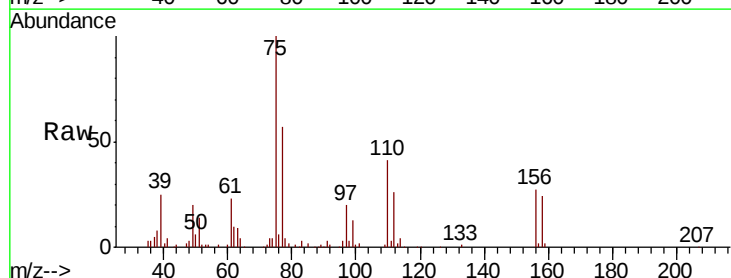
RT: 12.77 min Scan# 1783

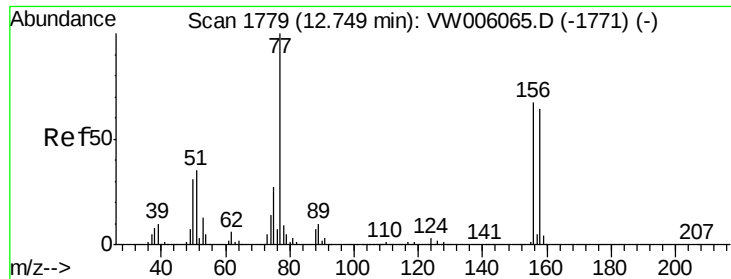
Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Tgt Ion:	75	Resp:	26899
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.536 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

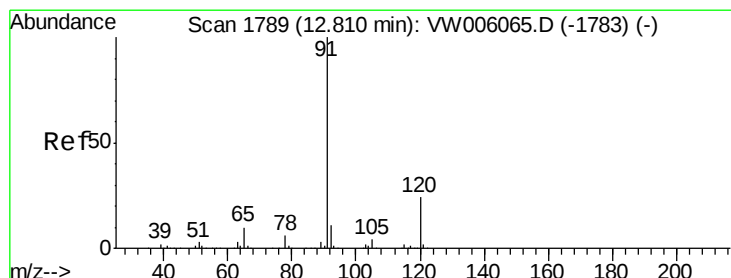
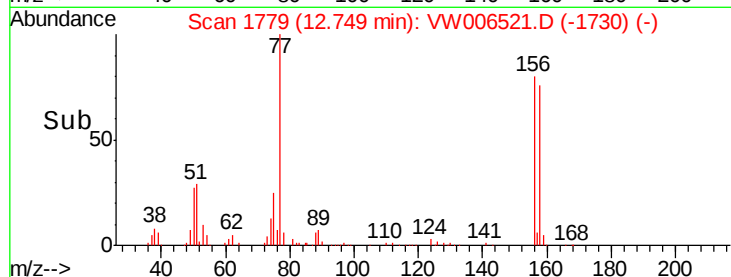
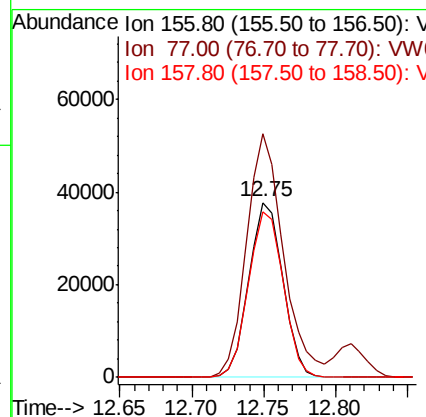
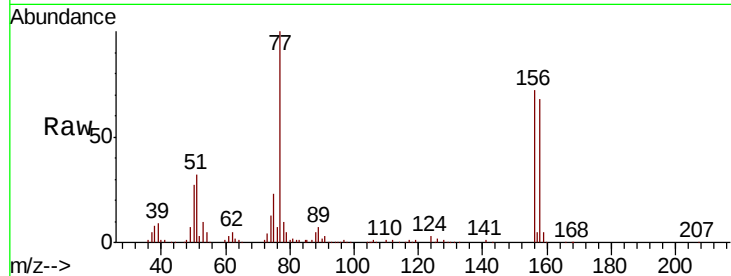
ClientSampleId :

VW1101SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	151.7	79.1	237.4	
158	97.2	48.5	145.6	

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#78

n-propylbenzene

Concen: 22.621 ug/l

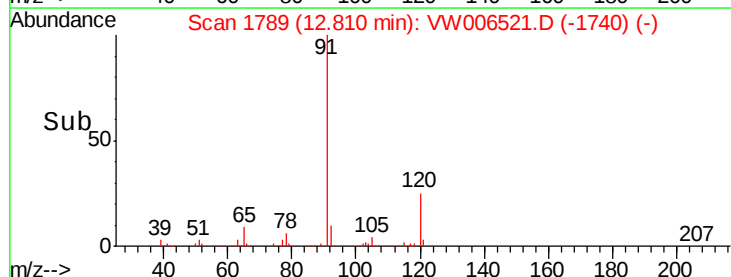
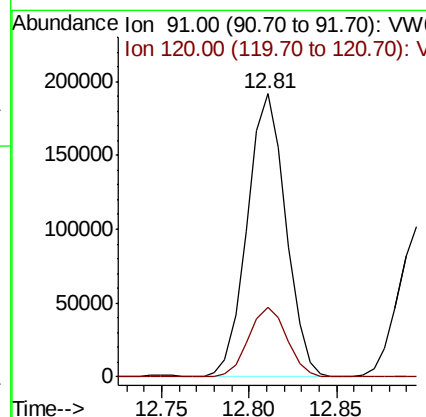
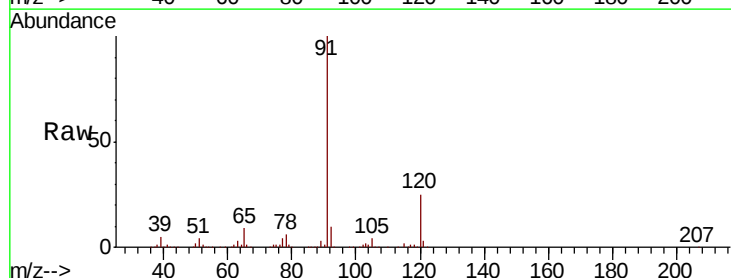
RT: 12.81 min Scan# 1789

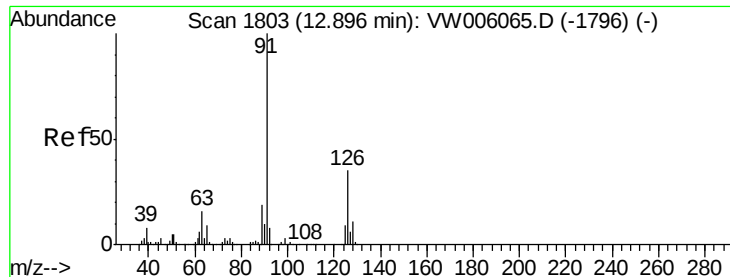
Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.4	12.2	36.6	





#79

2-Chlorotoluene

Concen: 22.220 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 91 Resp: 162022

Ion Ratio Lower Upper

91 100

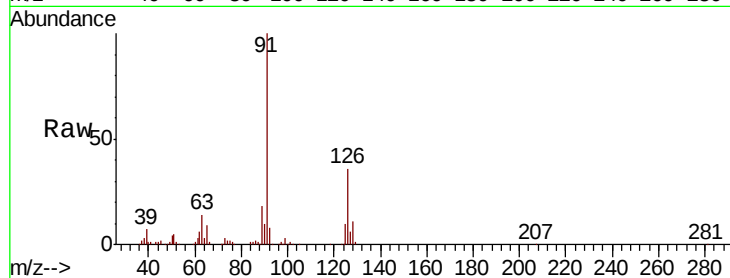
126 36.6 17.9 53.8

Manual Integrations

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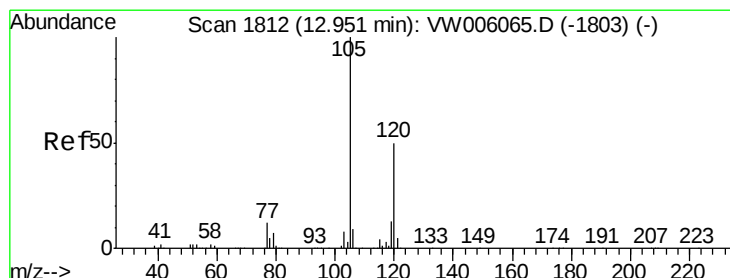
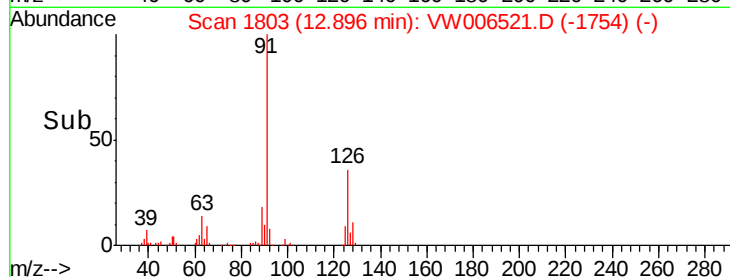
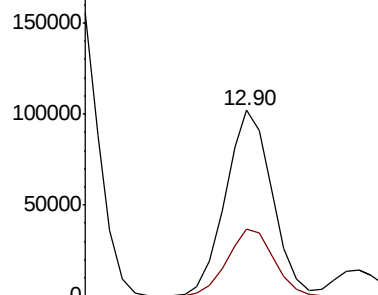
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.354 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006521.D

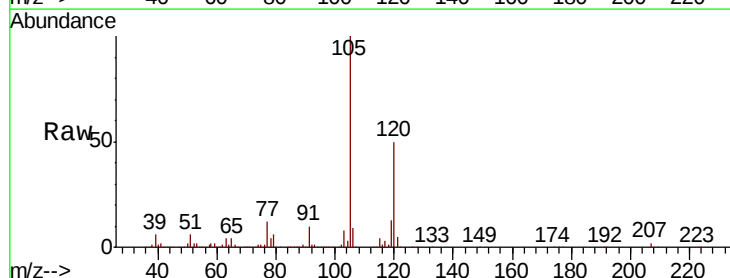
Acq: 31 Oct 2018 13:09

Tgt Ion:105 Resp: 210211

Ion Ratio Lower Upper

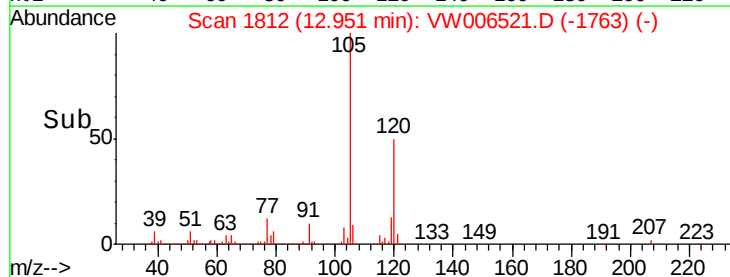
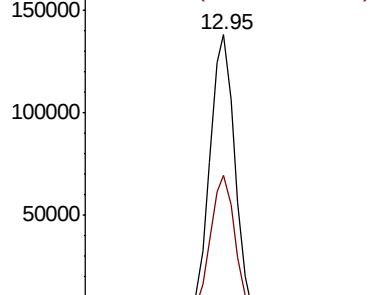
105 100

120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.955 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion: 75 Resp: 9059

Ion Ratio Lower Upper

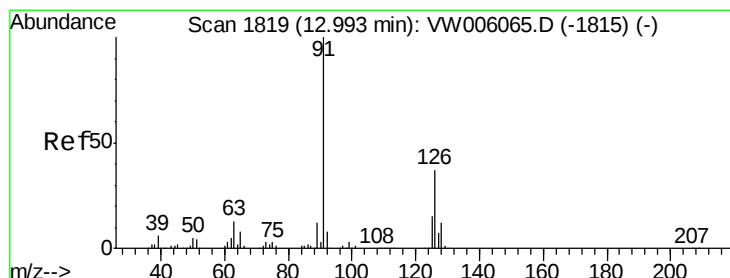
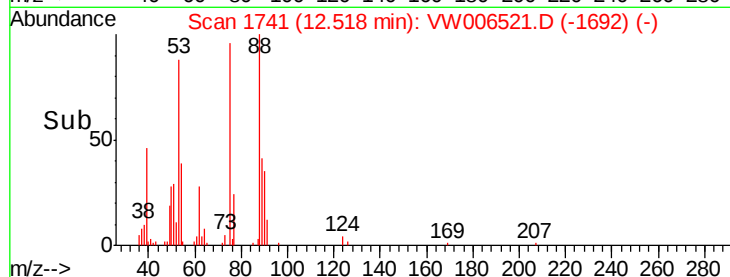
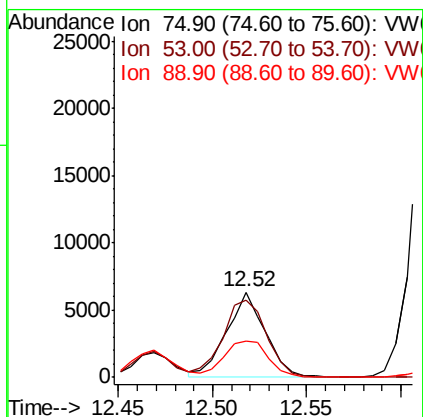
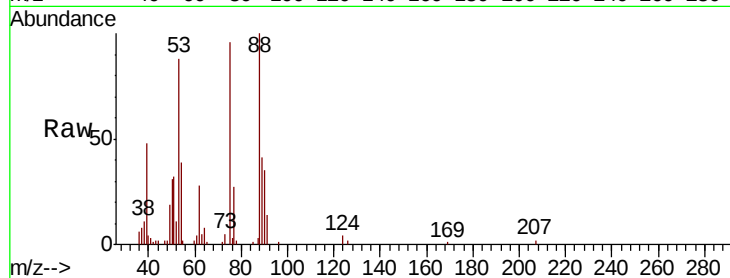
75 100

53 102.3 79.8 119.6

89 47.7 37.5 56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.658 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006521.D

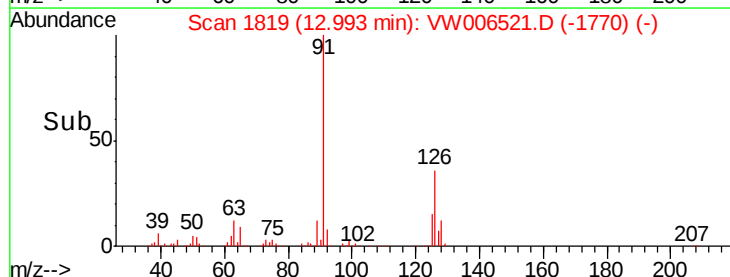
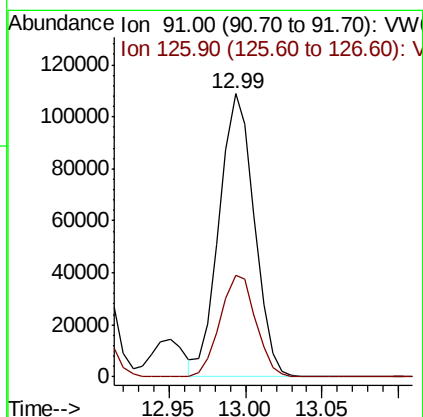
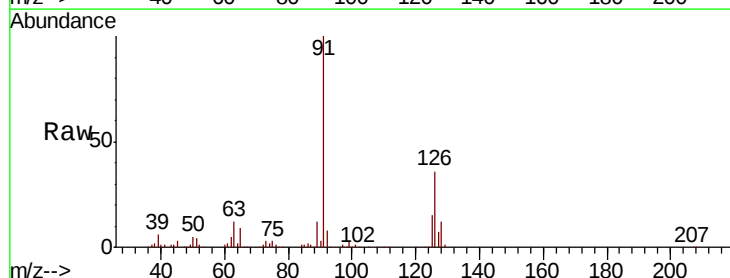
Acq: 31 Oct 2018 13:09

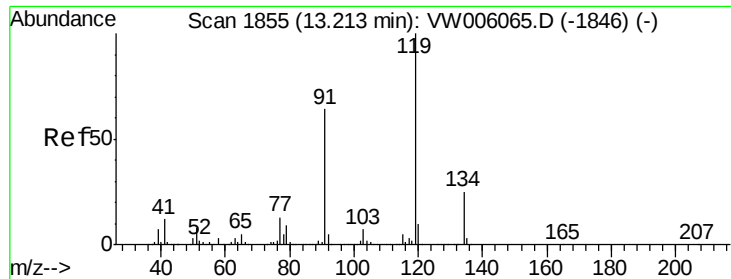
Tgt Ion: 91 Resp: 173072

Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.3





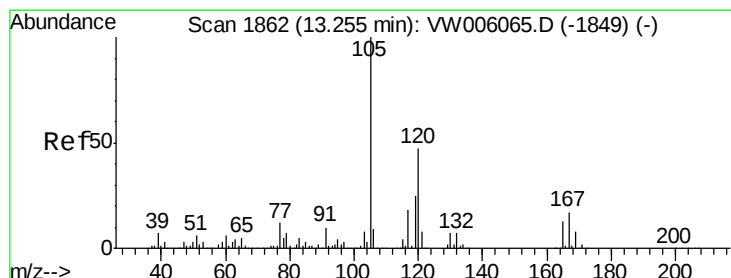
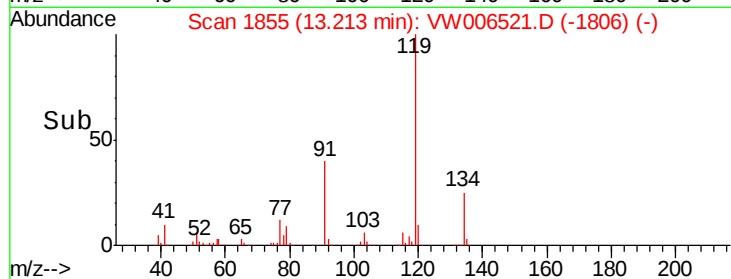
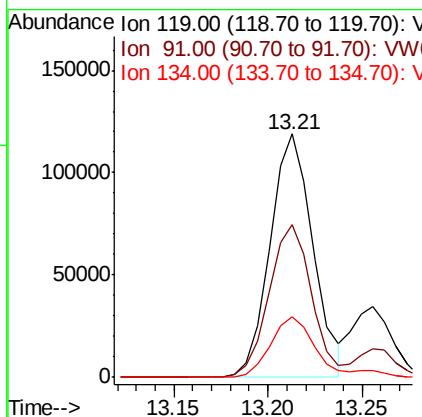
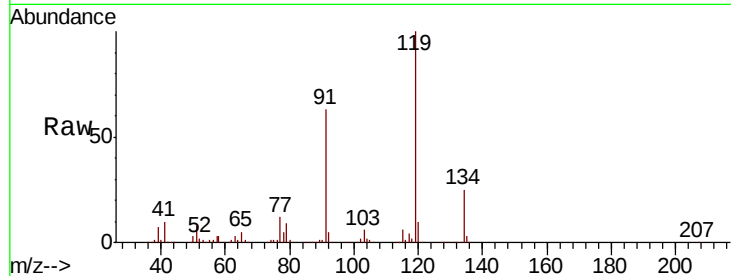
#83
tert-Butylbenzene
Concen: 22.295 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	32.3	96.9
134	25.3	13.6	40.8

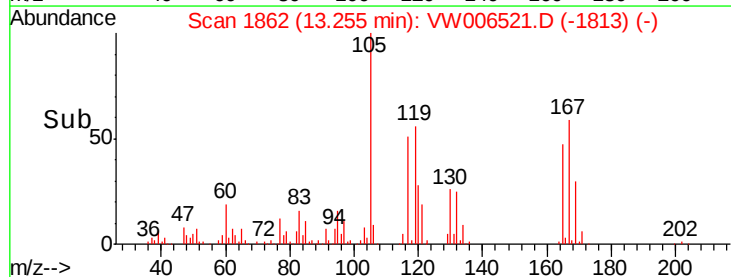
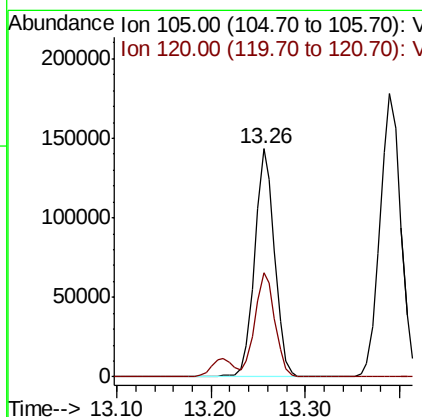
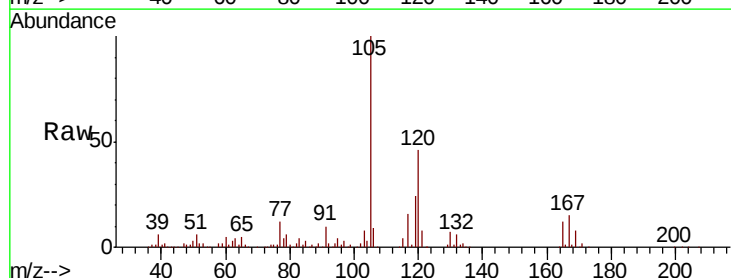
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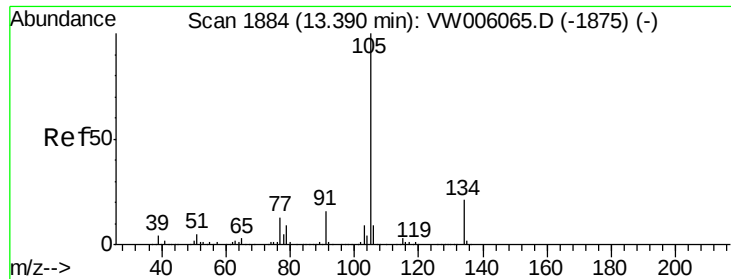
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#84
1,2,4-Trimethylbenzene
Concen: 22.505 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 22.839 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1101SBS01

Tot Ion:105 Resp: 271465

Ion Ratio Lower Upper

105 100

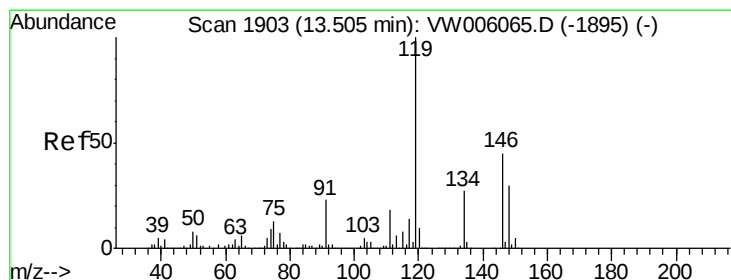
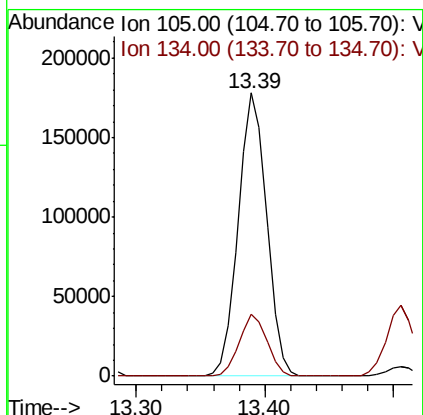
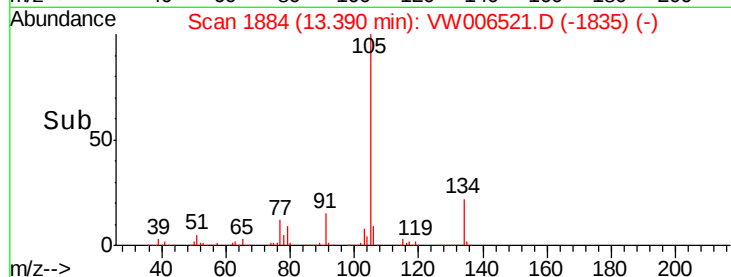
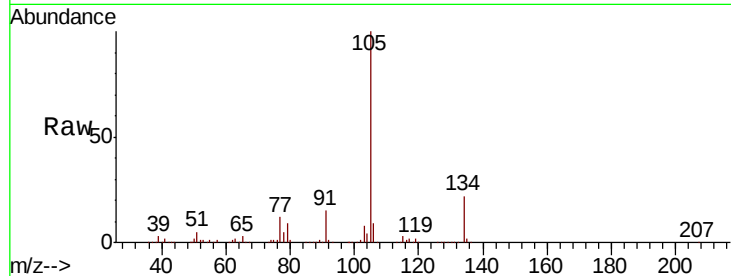
134 21.3 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.618 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006521.D

Acq: 31 Oct 2018 13:09

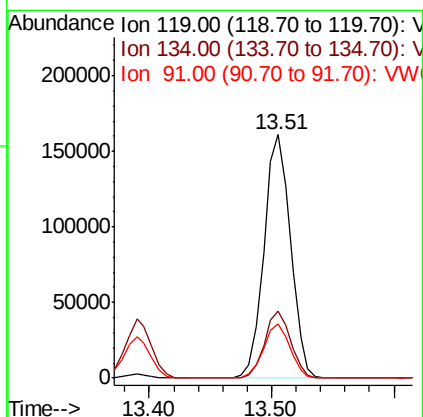
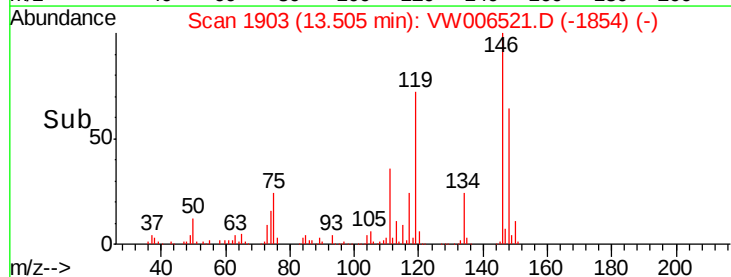
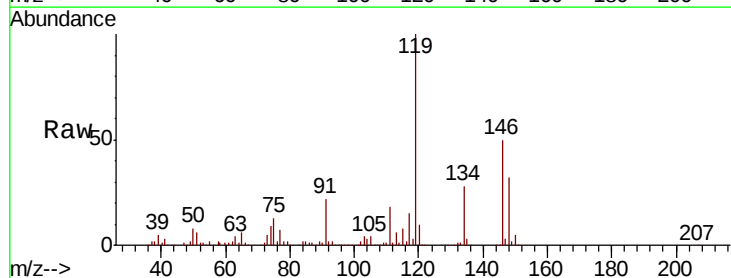
Tgt Ion:119 Resp: 243171

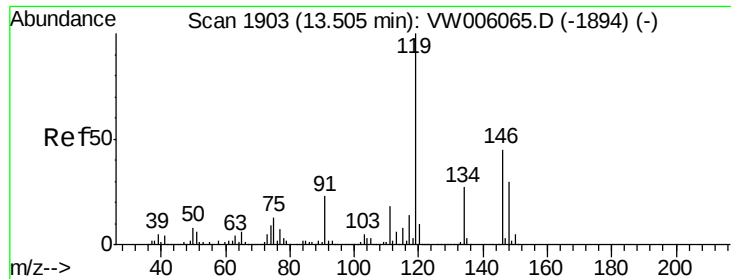
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.0 11.4 34.1





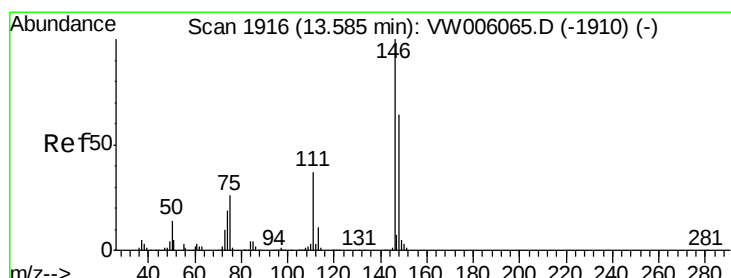
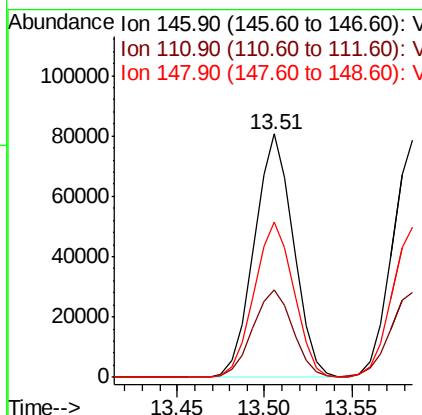
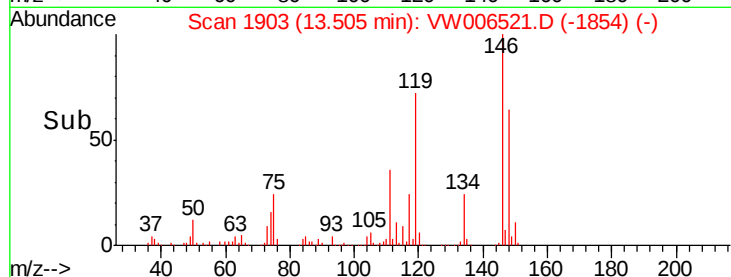
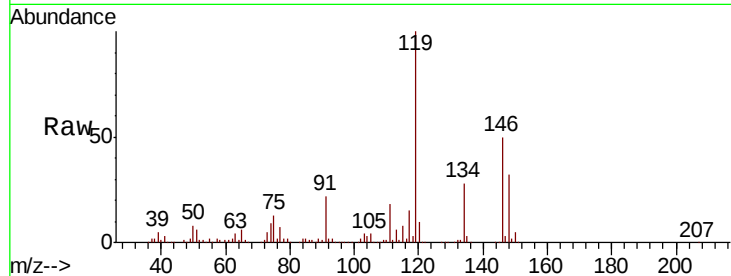
#87
 1,3-Dichlorobenzene
 Concen: 23.019 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.1	57.5
148	64.8	32.0	96.2

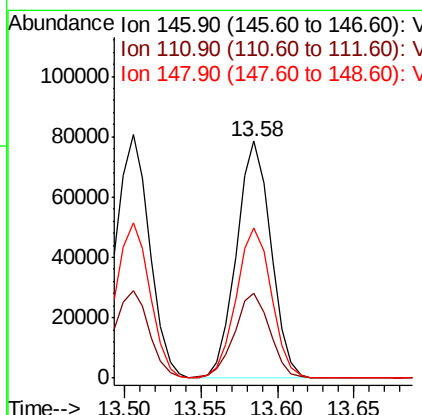
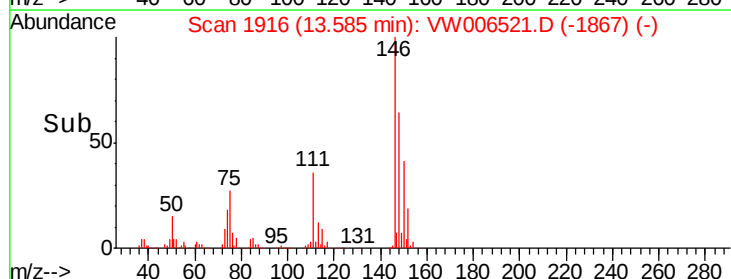
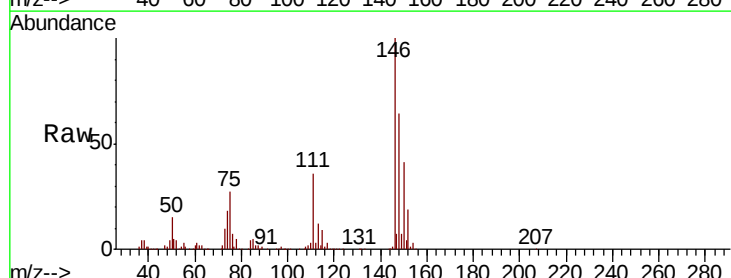
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 22.681 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	56.0
148	64.7	32.1	96.5





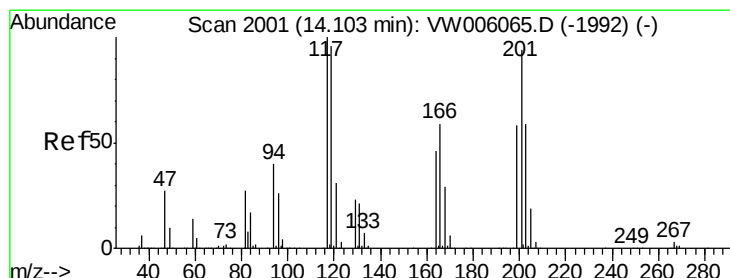
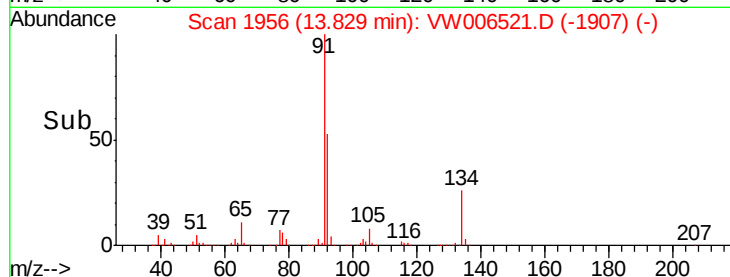
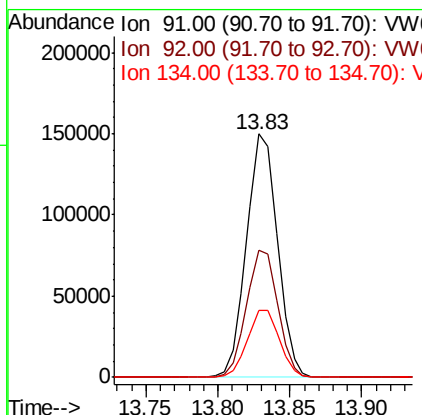
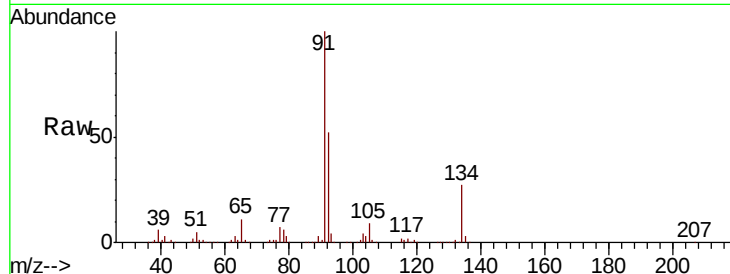
#89
n-Butylbenzene
Concen: 22.710 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	28.3	14.0	41.9

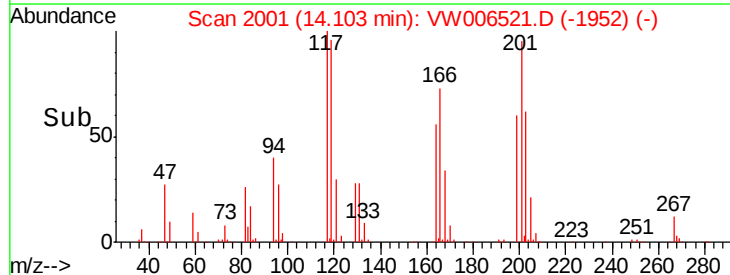
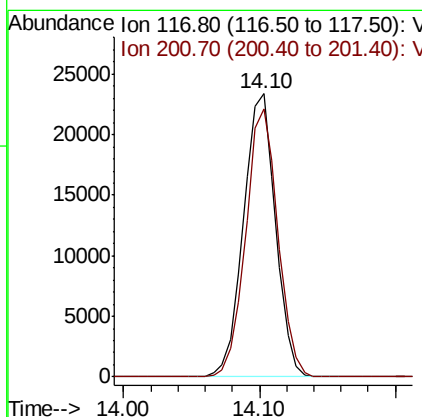
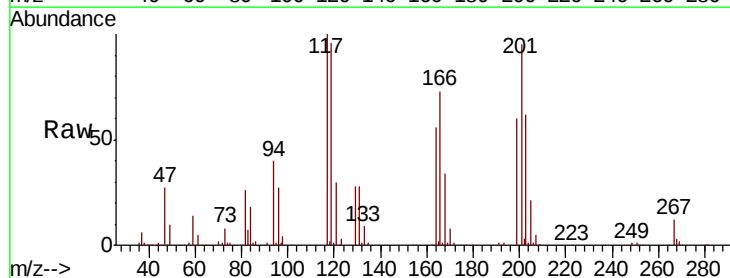
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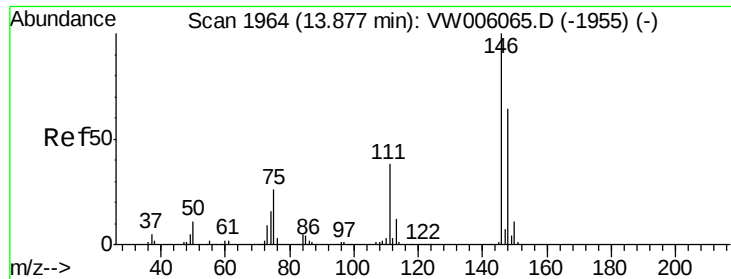
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#90
Hexachloroethane
Concen: 21.189 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.7	45.3	135.9





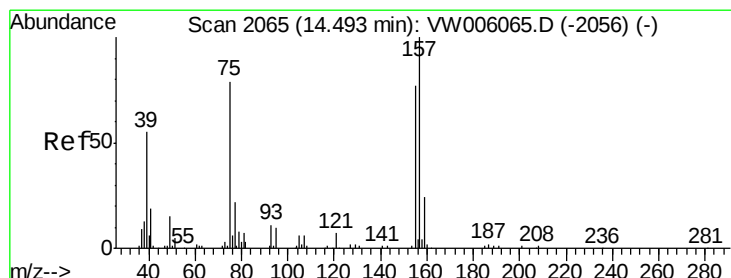
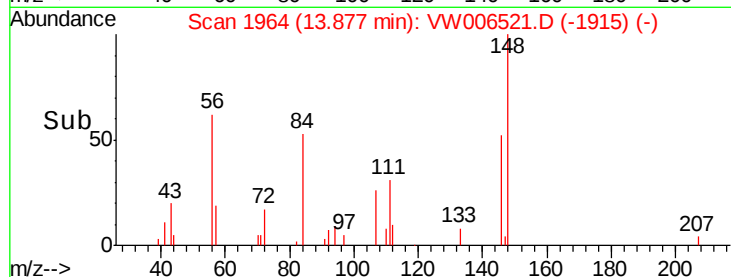
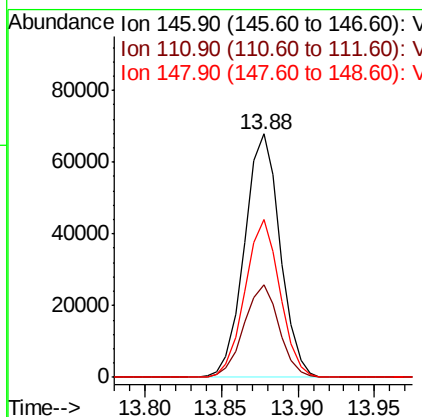
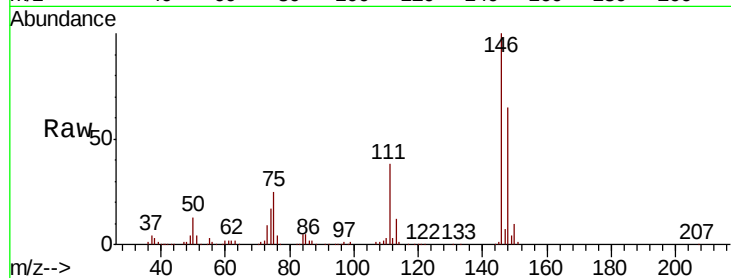
#91
 1,2-Dichlorobenzene
 Concen: 22.616 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.6	58.7
148	63.9	32.2	96.6

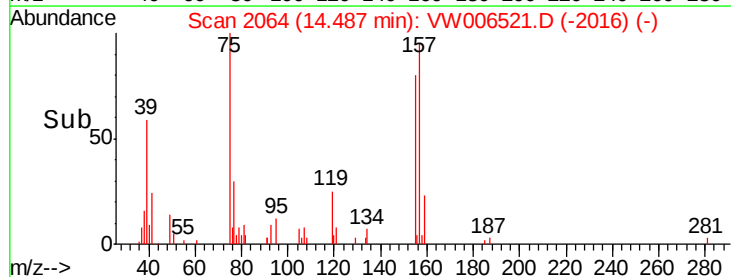
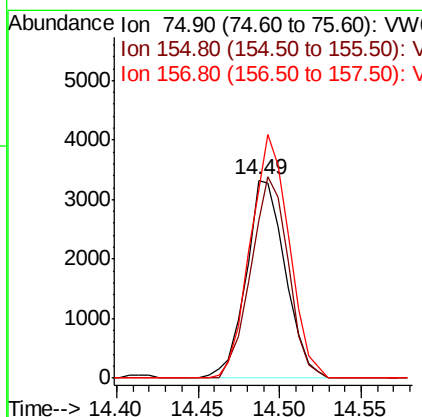
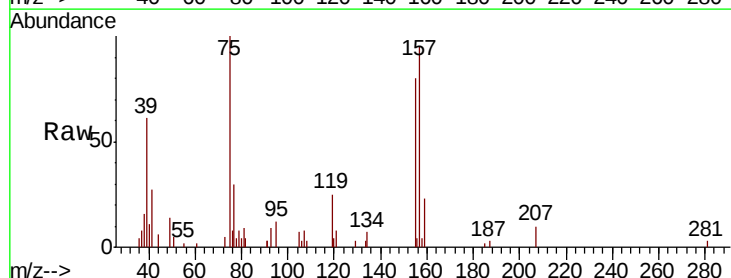
Manual Integrations
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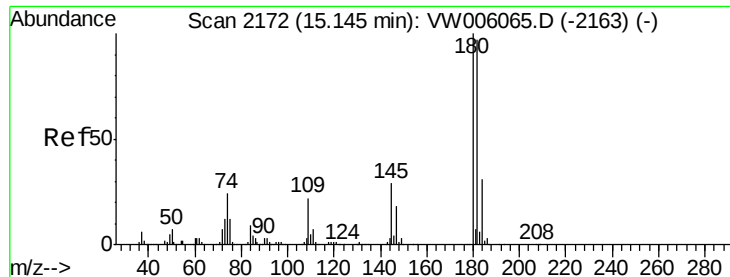
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.310 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	46.5	139.5
157	120.5	59.8	179.4





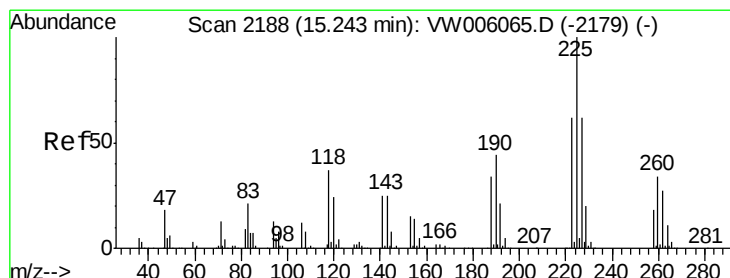
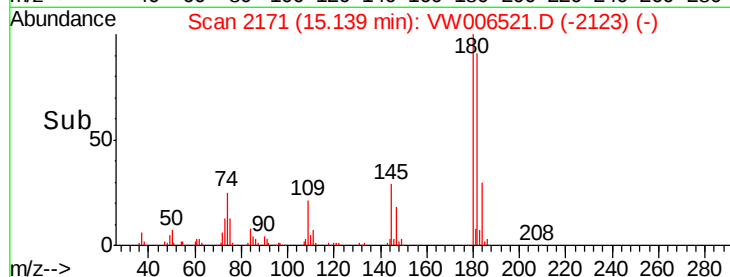
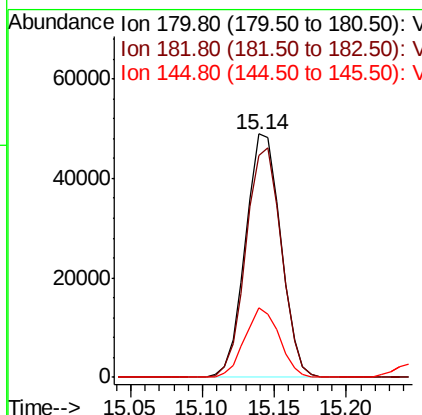
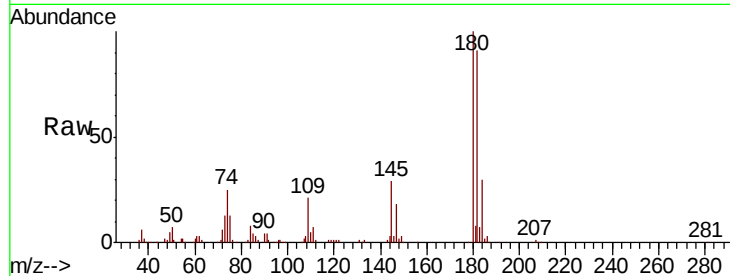
#93
 1,2,4-Trichlorobenzene
 Concen: 22.245 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1101SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.9	143.6	
145	28.0	14.2	42.8	

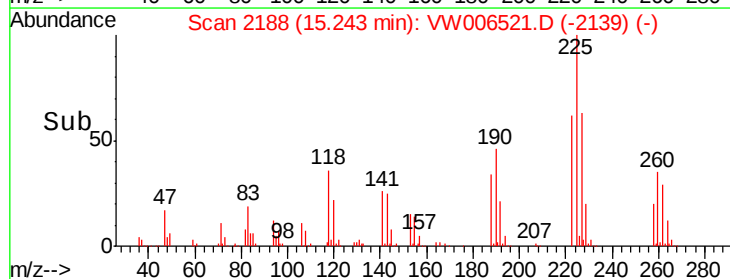
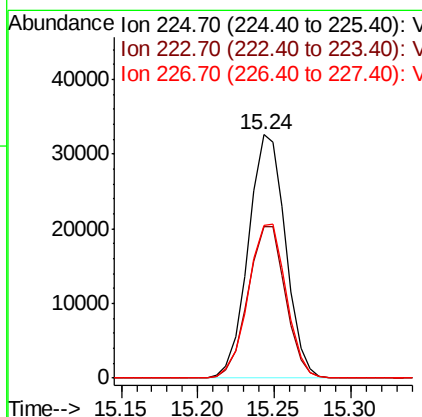
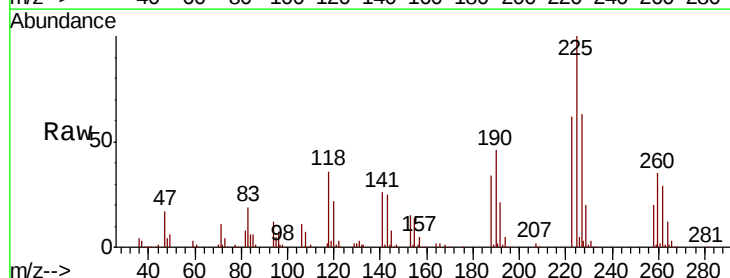
Manual Integrations
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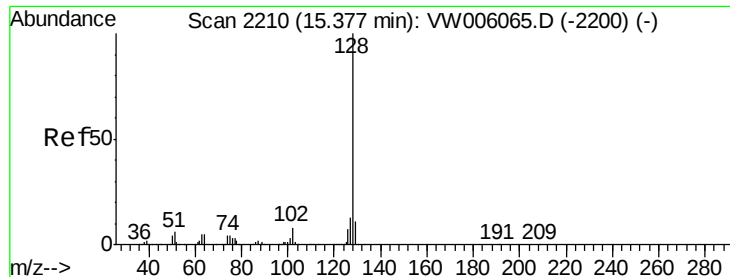
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#94
 Hexachlorobutadiene
 Concen: 23.565 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006521.D
 Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.1	93.5	
227	64.3	32.4	97.0	





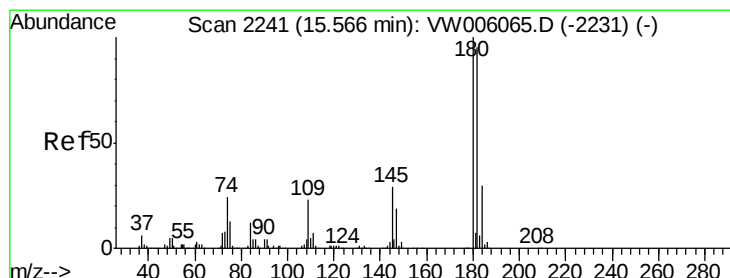
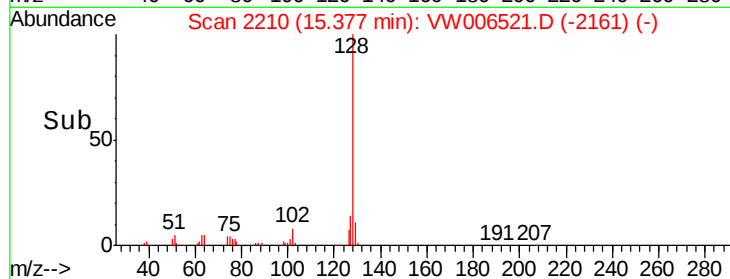
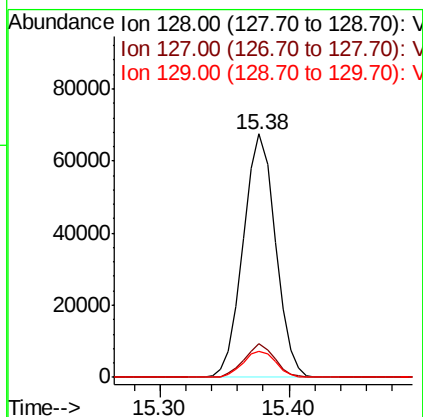
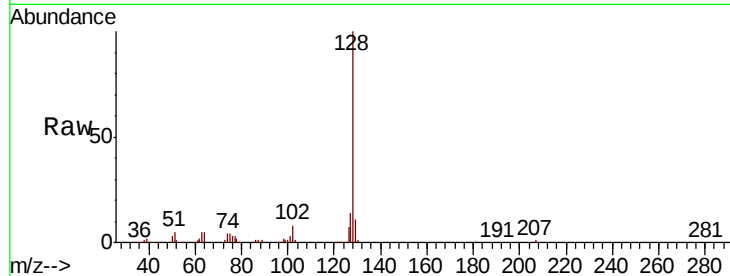
#95
Naphthalene
Concen: 18.887 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1101SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/1/2018 1:37:13 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.735 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006521.D
Acq: 31 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	29.9	15.0	45.1

