

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
 Data File : VW010726.D
 Acq On : 07 Jun 2019 13:57
 Operator : SY/VA
 Sample : VW0607SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:24:45 PM

Quant Time: Jun 08 03:34:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	159775	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.88	113	121309	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.32	98	514497	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	189343	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	42351	17.982	ug/l	99
3) Chloromethane	2.21	50	62123	17.929	ug/l	98
4) Vinyl Chloride	2.35	62	55386	17.301	ug/l	99
5) Bromomethane	2.74	94	32686	18.592	ug/l	99
6) Chloroethane	2.90	64	33893	17.638	ug/l	97
7) Trichlorofluoromethane	3.25	101	76128	18.319	ug/l	98
8) Diethyl Ether	3.68	74	27974	18.836	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	45897	17.964	ug/l	98
10) Methyl Iodide	4.27	142	33057	16.153	ug/l	99
11) Tert butyl alcohol	5.17	59	23402	95.627	ug/l	100
12) 1,1-Dichloroethene	4.03	96	44410	18.019	ug/l	96
13) Acrolein	3.89	56	8810	88.098	ug/l	99
14) Allyl chloride	4.67	41	102481	18.858	ug/l	99
15) Acrylonitrile	5.37	53	65348	90.573	ug/l	99
16) Acetone	4.12	43	69096	85.845	ug/l	100
17) Carbon Disulfide	4.37	76	136378	17.431	ug/l	98
18) Methyl Acetate	4.67	43	33436	19.298	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	130633	18.377	ug/l	100
20) Methylene Chloride	4.92	84	66492	23.548	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	51507	18.409	ug/l	96
22) Diisopropyl ether	6.31	45	208979	19.208	ug/l	96
23) Vinyl Acetate	6.26	43	614365	93.569	ug/l	100
24) 1,1-Dichloroethane	6.21	63	101737	18.659	ug/l	99
25) 2-Butanone	7.17	43	100776	90.293	ug/l	99
26) 2,2-Dichloropropane	7.17	77	81916	18.463	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57276	18.602	ug/l	100
28) Bromochloromethane	7.51	49	46397	19.068	ug/l	97
29) Tetrahydrofuran	7.53	42	63595	90.589	ug/l	99
30) Chloroform	7.68	83	95181	19.086	ug/l	97
31) Cyclohexane	7.95	56	109757	18.109	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	80932	18.578	ug/l	100
36) 1,1-Dichloropropene	8.08	75	79105	18.093	ug/l	99
37) Ethyl Acetate	7.25	43	43318	17.880	ug/l	100
38) Carbon Tetrachloride	8.07	117	68201	18.071	ug/l	99

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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)
39) Methylcyclohexane	9.34	83	98344	17.695	ug/l	99
40) Benzene	8.32	78	216890	18.185	ug/l	99
41) Methacrylonitrile	7.48	41	24817	17.233	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71362	18.852	ug/l	99
43) Isopropyl Acetate	8.43	43	85423	18.251	ug/l	98
44) Trichloroethene	9.09	130	53129	18.058	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58235	18.445	ug/l	98
46) Dibromomethane	9.46	93	27167	18.525	ug/l	99
47) Bromodichloromethane	9.64	83	69087	18.174	ug/l	96
48) Methyl methacrylate	9.43	41	40353	17.881	ug/l	99
49) 1,4-Dioxane	9.45	88	7945	346.527	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	216896	90.708	ug/l	99
52) Toluene	10.39	92	133687	18.217	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	72058	17.897	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	86375	18.231	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38091	18.031	ug/l	97
56) Ethyl methacrylate	10.65	69	57957	17.829	ug/l	94
57) 1,3-Dichloropropane	10.93	76	72497	18.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	167518	98.386	ug/l	99
59) 2-Hexanone	10.97	43	152441	88.211	ug/l	99
60) Dibromochloromethane	11.13	129	41610	17.768	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35788	17.880	ug/l	99
64) Tetrachloroethene	10.86	164	44790	17.744	ug/l	99
65) Chlorobenzene	11.66	112	135661	18.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46573	17.996	ug/l	99
67) Ethyl Benzene	11.73	91	257964	17.954	ug/l	99
68) m/p-Xylenes	11.84	106	184114	35.796	ug/l	98
69) o-Xylene	12.17	106	86947	17.824	ug/l	96
70) Styrene	12.18	104	152560	18.003	ug/l	99
71) Bromoform	12.35	173	23097	17.256	ug/l #	99
73) Isopropylbenzene	12.47	105	245152	17.913	ug/l	99
74) N-amyl acetate	12.27	43	80597	18.222	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	45328	17.398	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34406m	17.990	ug/l	
77) Bromobenzene	12.75	156	54278	18.169	ug/l	99
78) n-propylbenzene	12.80	91	296266	17.953	ug/l	100
79) 2-Chlorotoluene	12.90	91	169480	17.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	201106	17.953	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14051	16.885	ug/l	97
82) 4-Chlorotoluene	12.99	91	178465	18.343	ug/l	98
83) tert-Butylbenzene	13.21	119	169862	17.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	205379	18.219	ug/l	99
85) sec-Butylbenzene	13.38	105	246070	17.777	ug/l	99
86) p-Isopropyltoluene	13.50	119	221127	17.864	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104847	18.199	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	104018	18.212	ug/l	99
89) n-Butylbenzene	13.83	91	221731	17.954	ug/l	100
90) Hexachloroethane	14.10	117	38843	17.523	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	92174	17.791	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8033	17.955	ug/l	94

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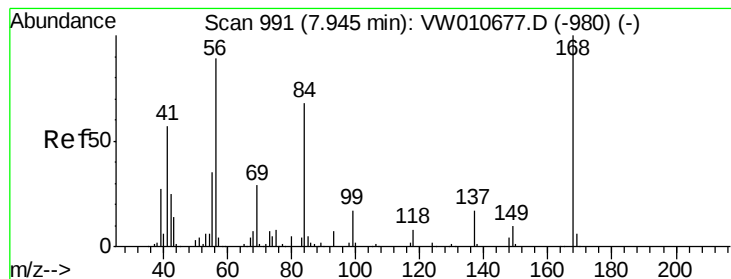
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	67230	18.492	ug/l	98
94) Hexachlorobutadiene	15.24	225	41687	18.269	ug/l	99
95) Naphthalene	15.37	128	114528	17.338	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57145	18.482	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBSD01

Tot Ion:168 Resp: 254857

Ion Ratio Lower Upper

168 100

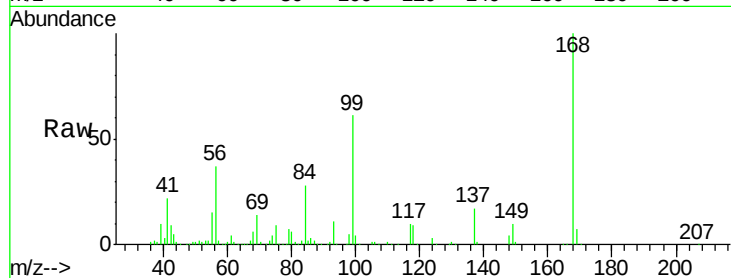
99 61.0 47.7 71.5

Manual Integrations

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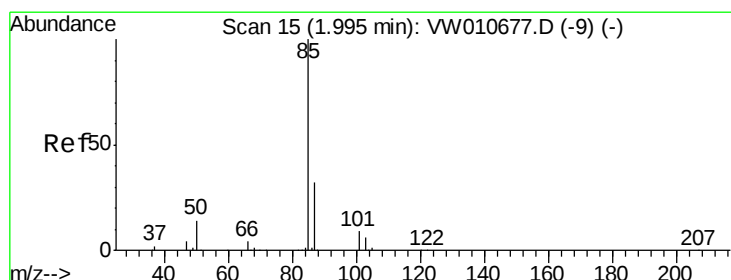
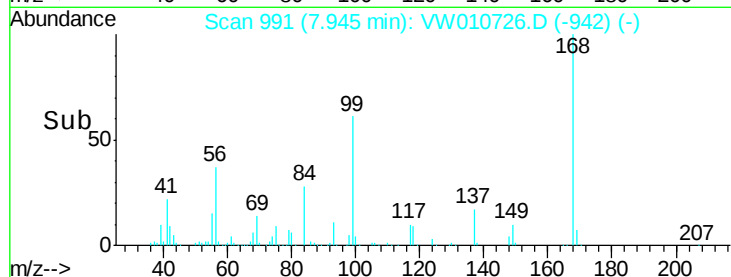
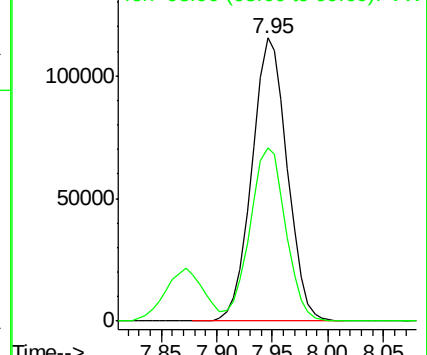
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.982 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010726.D

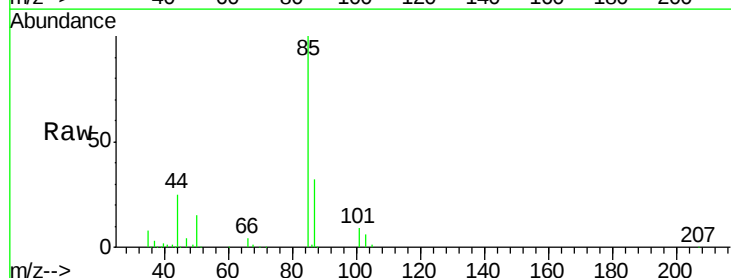
Acq: 07 Jun 2019 13:57

Tgt Ion: 85 Resp: 42351

Ion Ratio Lower Upper

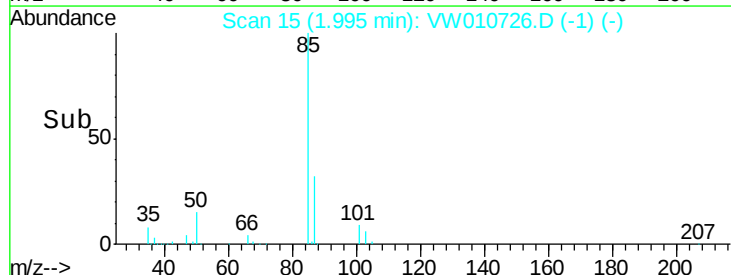
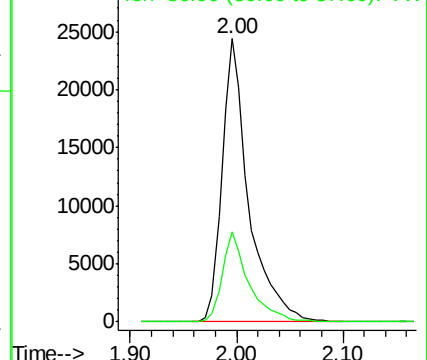
85 100

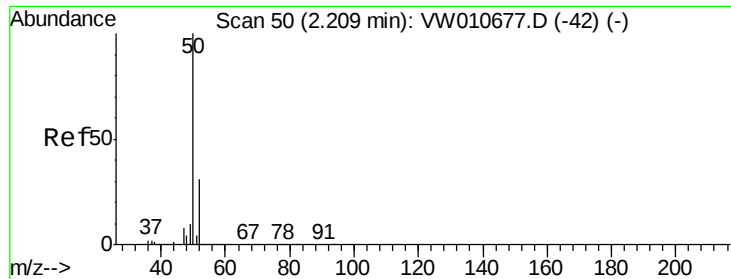
87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.929 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 50 Resp: 62123

Ion Ratio Lower Upper

50 100

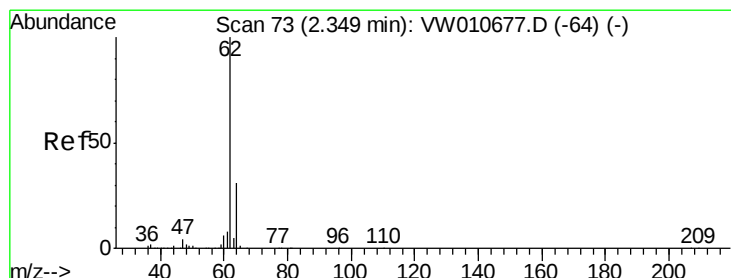
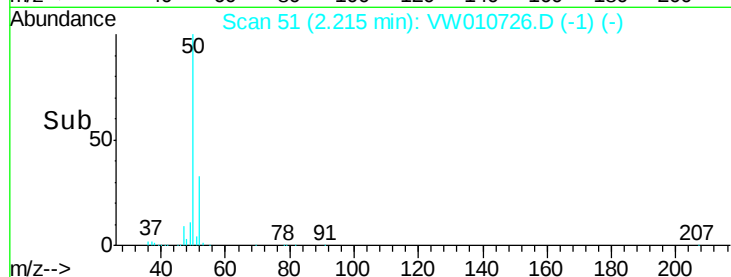
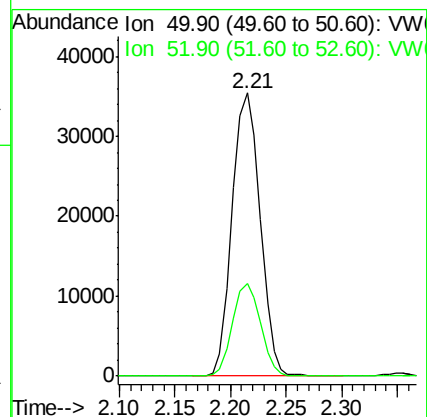
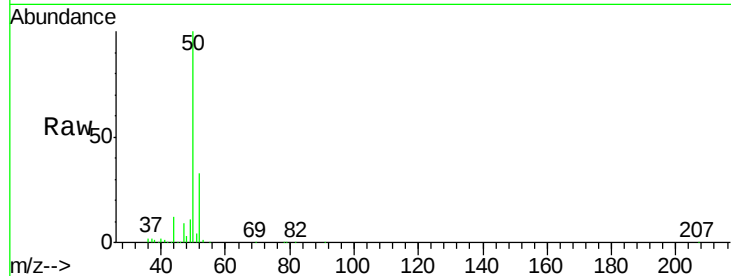
52 32.8 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.301 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VW010726.D

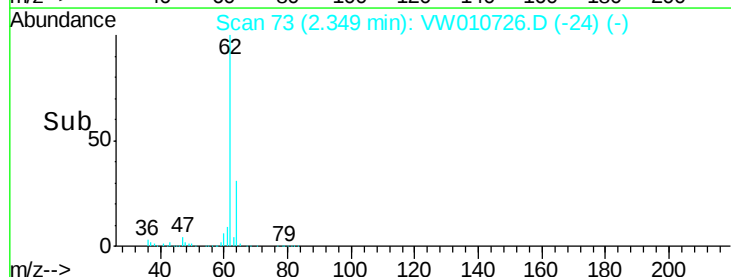
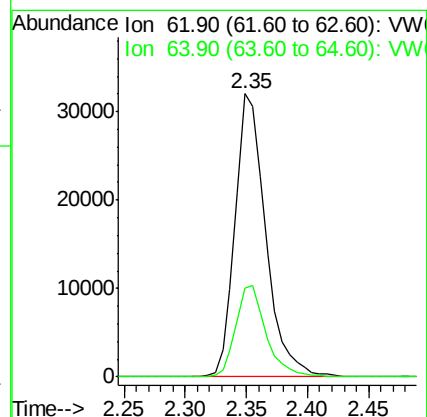
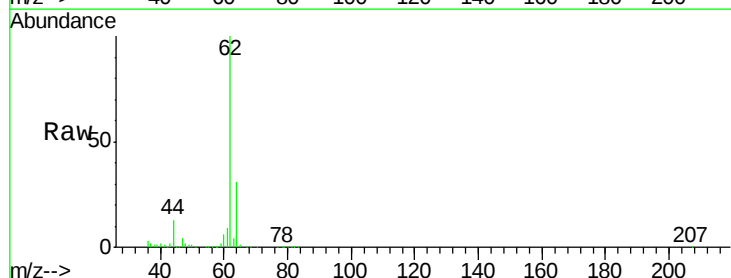
Acq: 07 Jun 2019 13:57

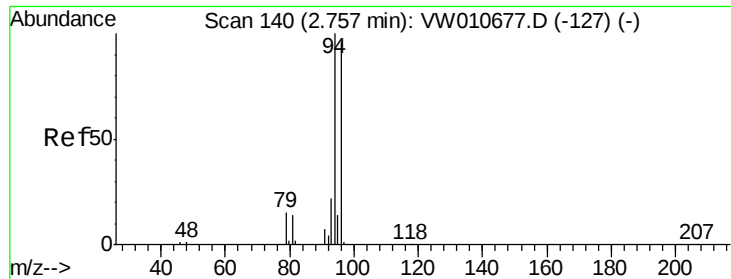
Tgt Ion: 62 Resp: 55386

Ion Ratio Lower Upper

62 100

64 31.3 24.5 36.7





#5

Bromomethane

Concen: 18.592 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBSD01

Tot Ion: 94 Resp: 32686

Ion Ratio Lower Upper

94 100

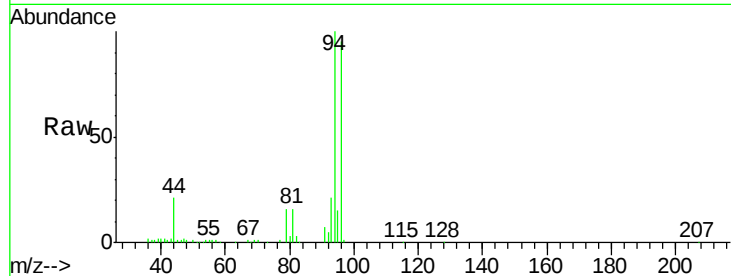
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Manual Integrations

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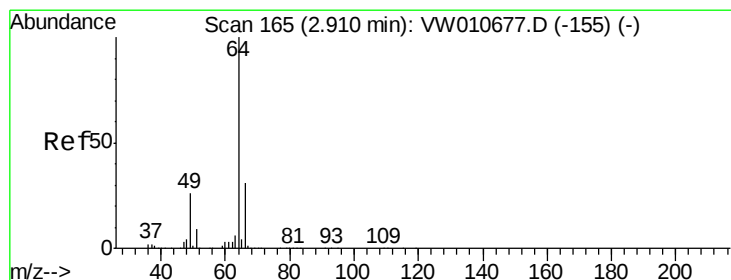
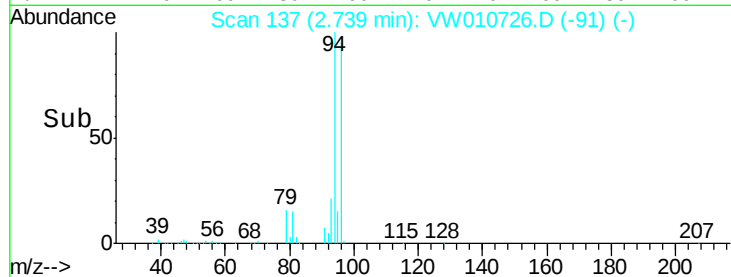
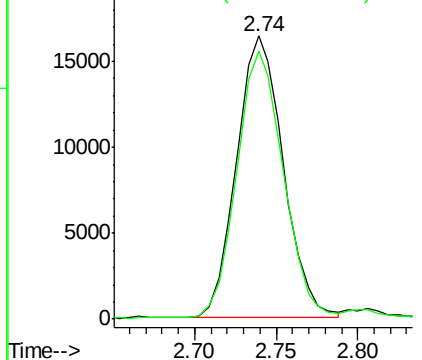
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 17.638 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010726.D

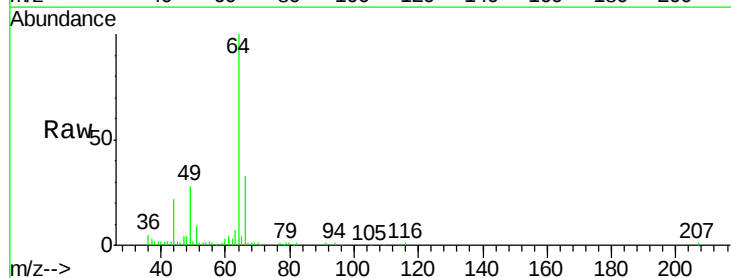
Acq: 07 Jun 2019 13:57

Tgt Ion: 64 Resp: 33893

Ion Ratio Lower Upper

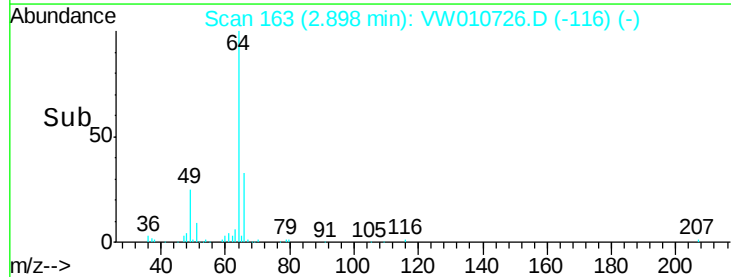
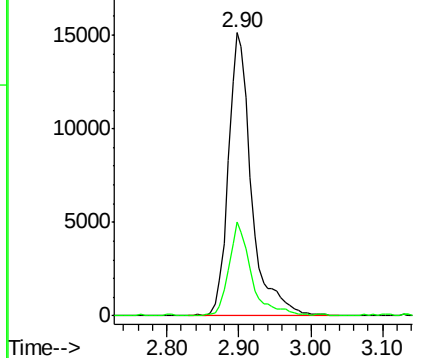
64 100

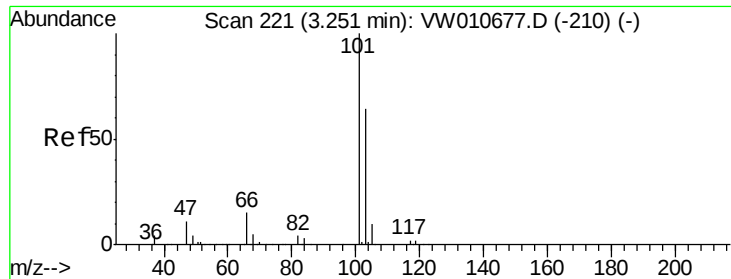
66 33.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

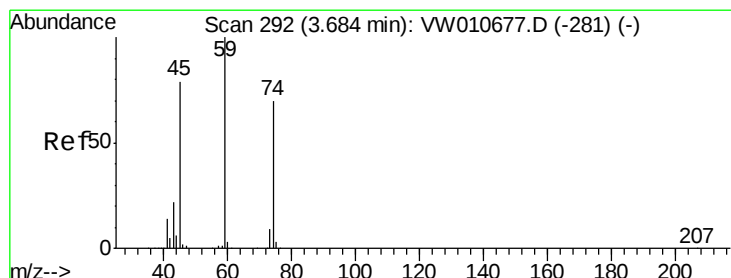
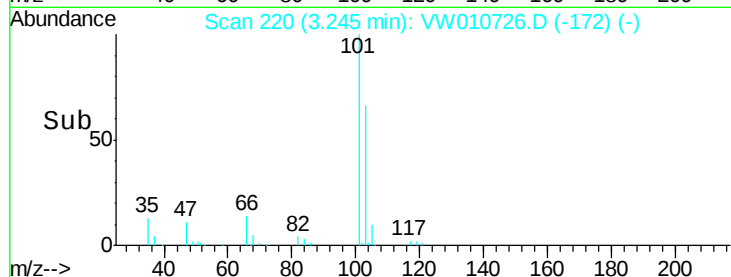
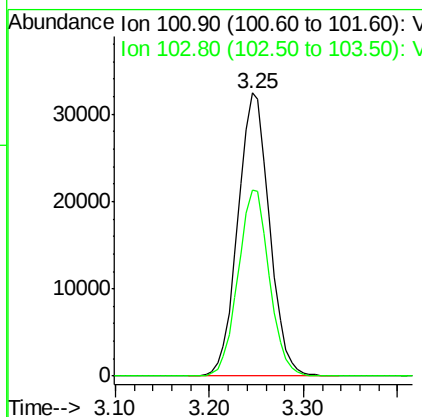
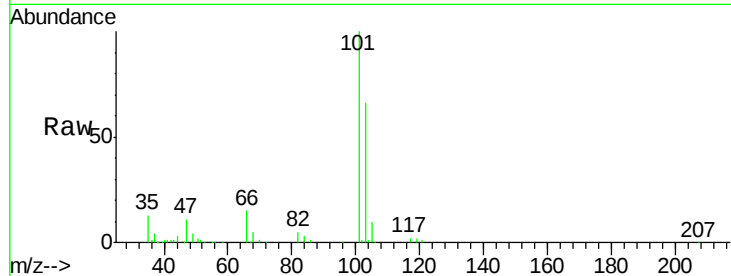
Trichlorofluoromethane
 Concen: 18.319 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.2	76.8

Manual Integrations
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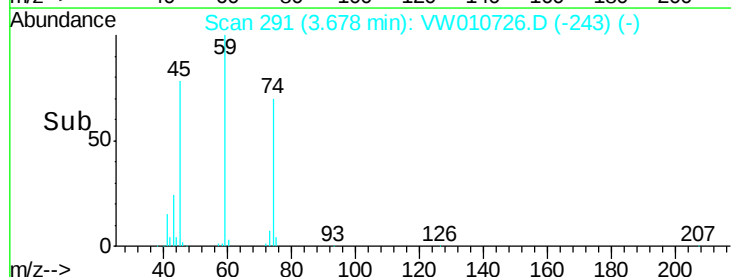
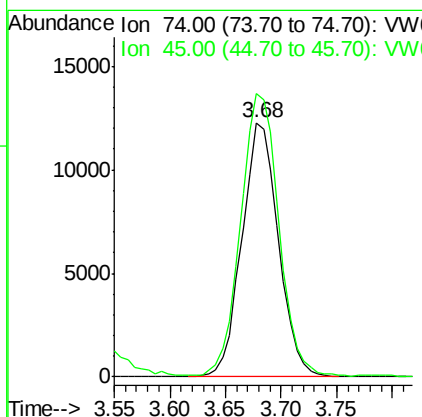
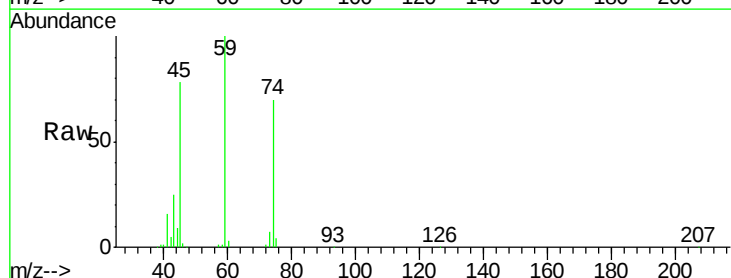
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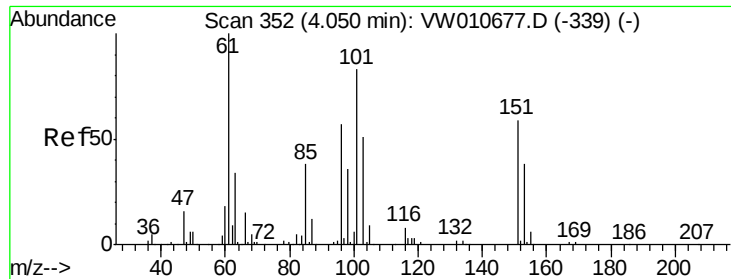


#8

Diethyl Ether
 Concen: 18.836 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.3	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.964 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

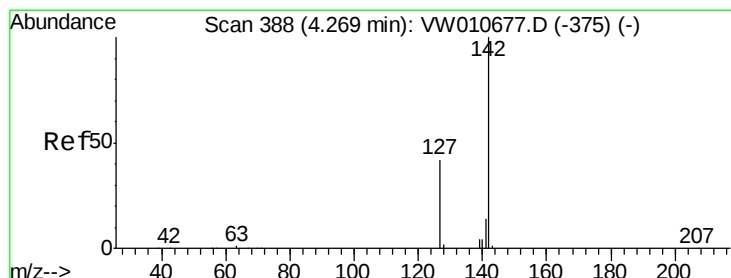
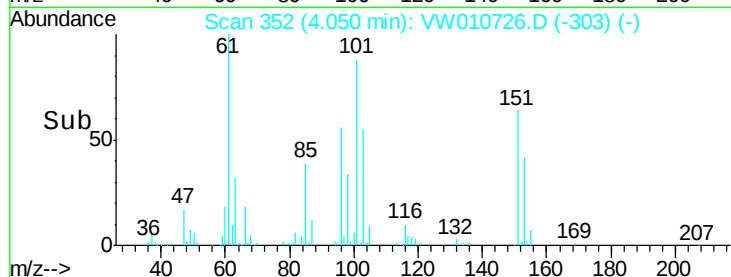
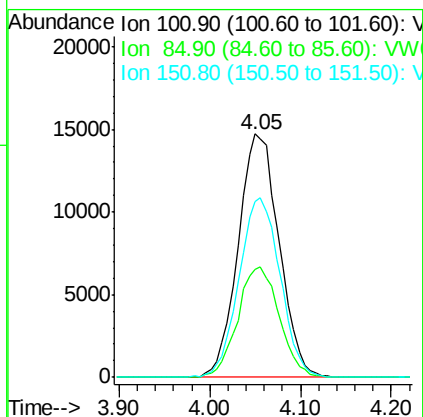
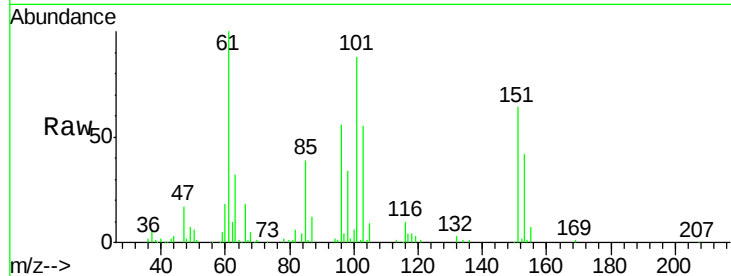
ClientSampleId :

VW0607SBS01

Tot Ion:	101	Resp:	45897
Ion Ratio	Lower	Upper	
101	100		
85	46.0	35.8	53.8
151	74.3	58.1	87.1

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#10

Methyl Iodide

Concen: 16.153 ug/l

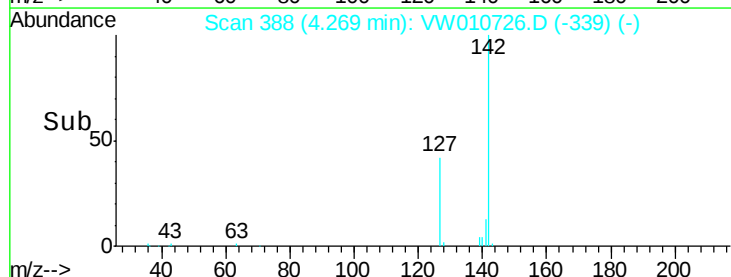
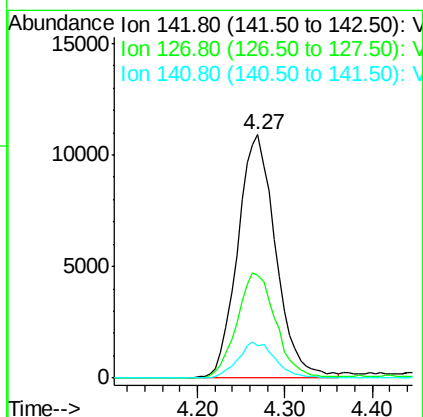
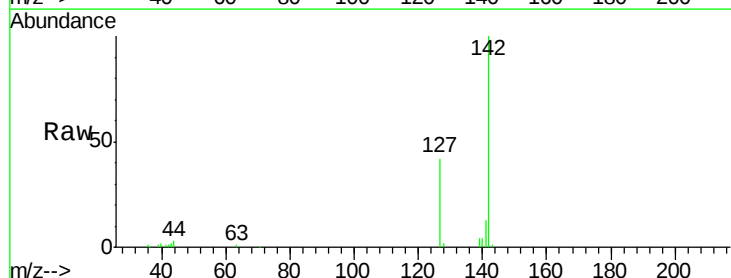
RT: 4.27 min Scan# 388

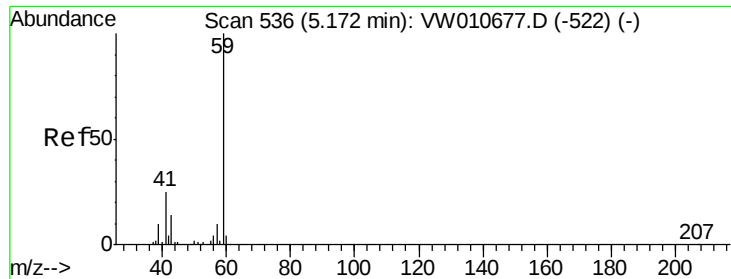
Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion:	142	Resp:	33057
Ion Ratio	Lower	Upper	
142	100		
127	44.1	34.6	51.8
141	14.6	11.6	17.4





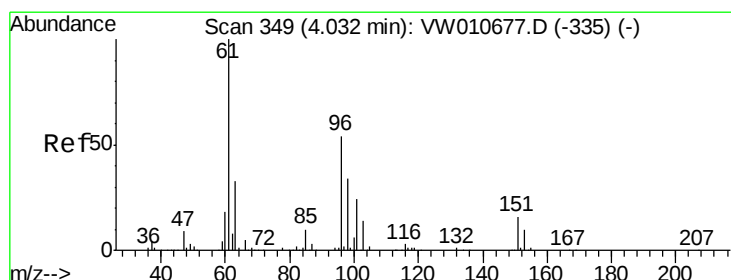
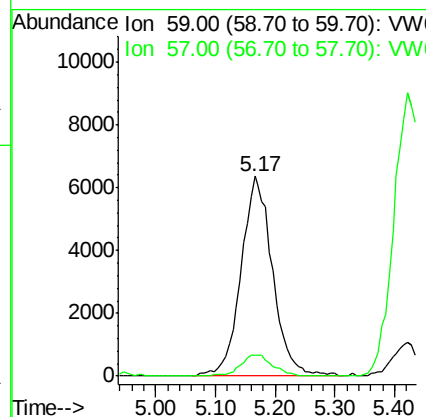
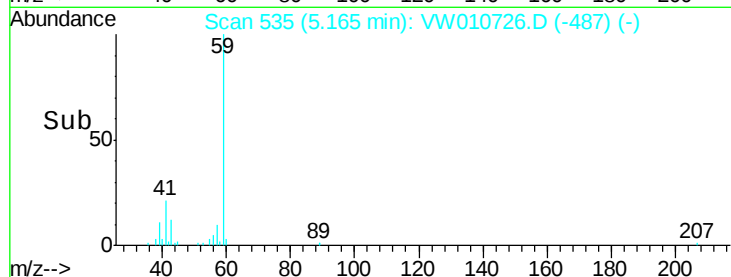
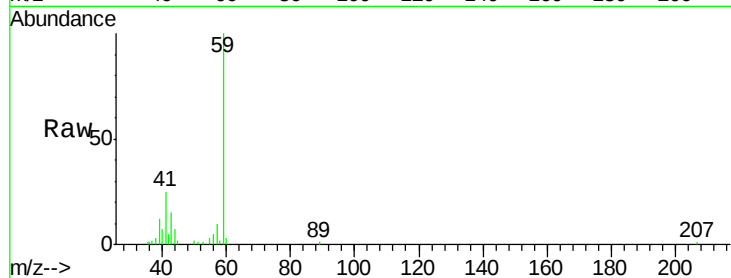
#11
Tert butyl alcohol
Concen: 95.627 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	59	Resp	23402
Ion Ratio	100	Lower	Upper
57	10.9	8.6	12.8

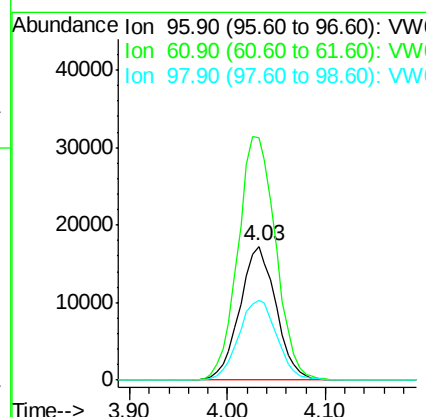
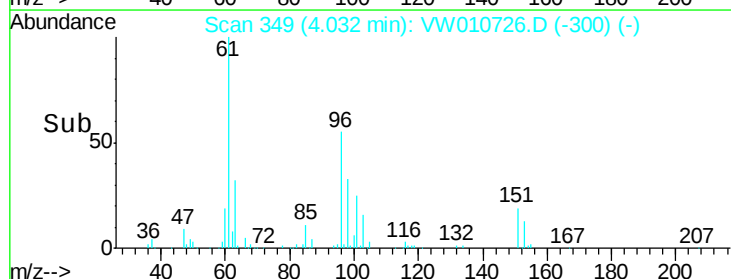
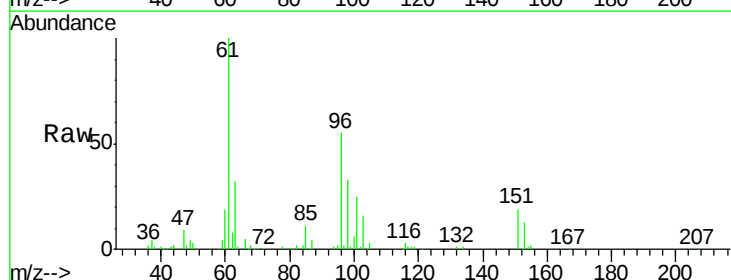
Manual Integrations
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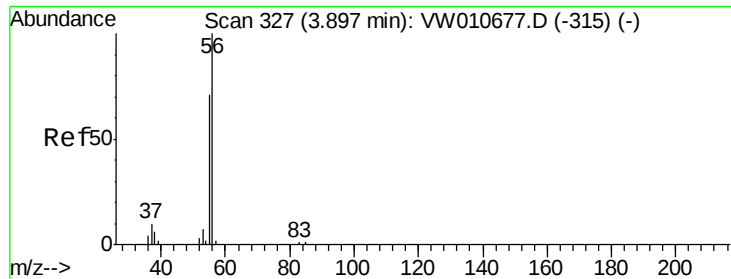
MMDadoda
6/10/2019 12:24:45 PM



#12
1,1-Dichloroethene
Concen: 18.019 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	96	Resp	44410
Ion Ratio	100	Lower	Upper
61	180.7	149.1	223.7
98	59.2	51.1	76.7





#13

Acrolein

Concen: 88.098 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 56 Resp: 8810

Ion Ratio Lower Upper

56 100

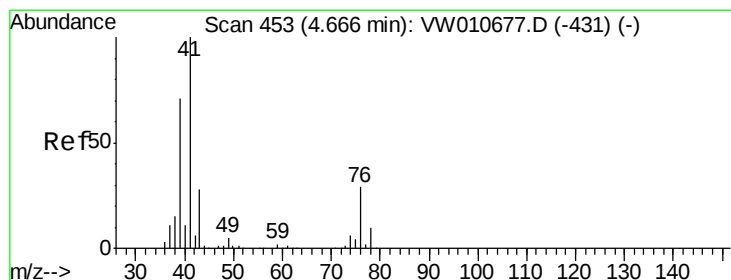
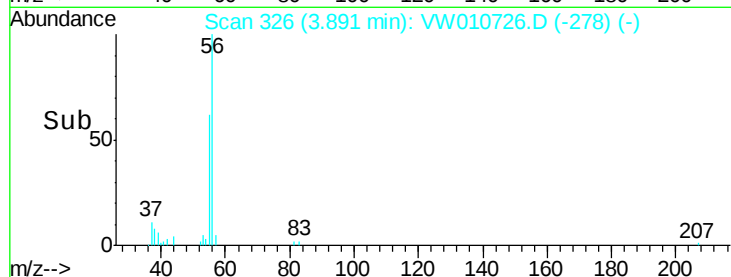
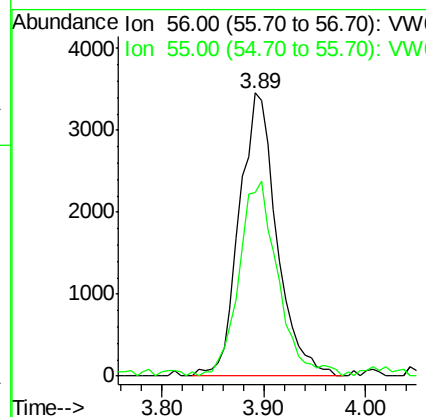
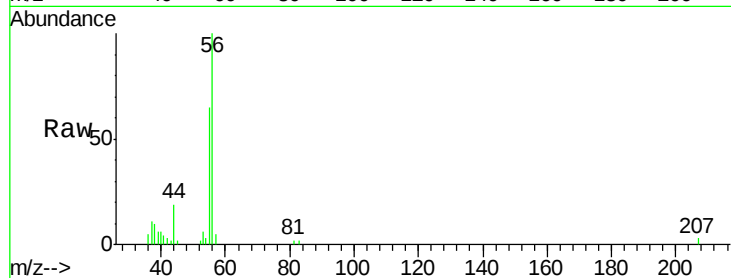
55 71.4 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.858 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

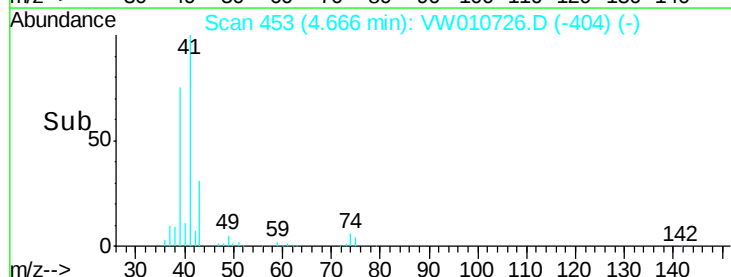
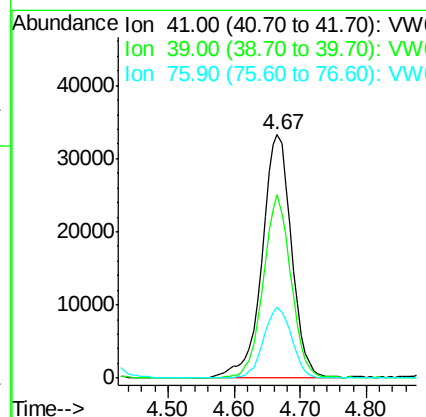
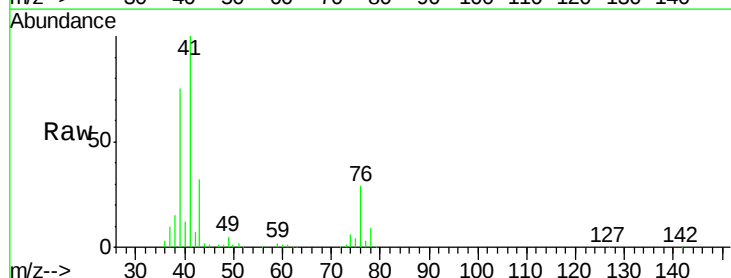
Tgt Ion: 41 Resp: 102481

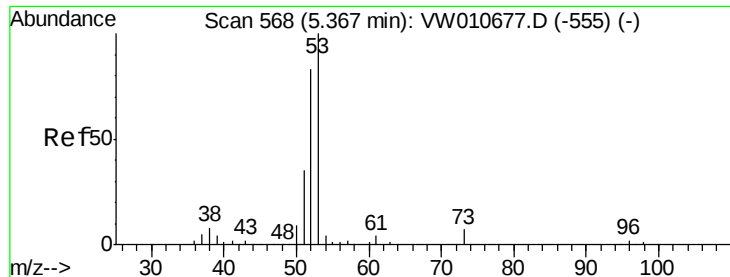
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

76 27.9 22.7 34.1





#15

Acrylonitrile

Concen: 90.573 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

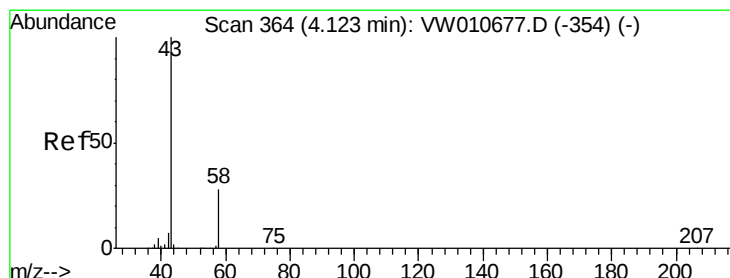
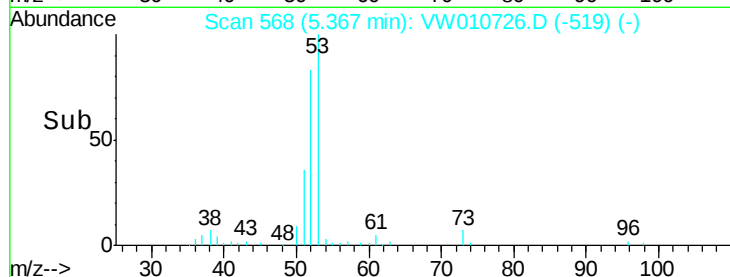
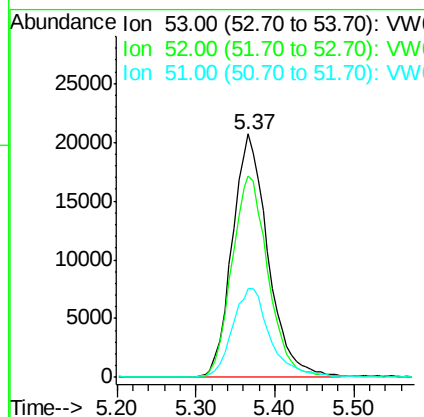
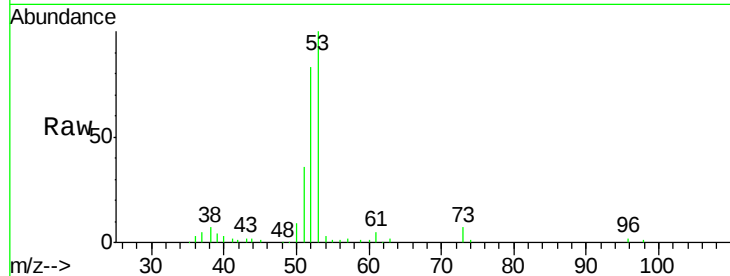
ClientSampleId :

VW0607SBS01

Tot Ion:	53	Resp:	65348
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.6	100.0
51	38.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 85.845 ug/l

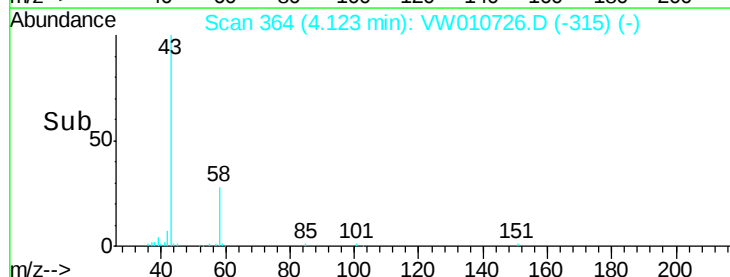
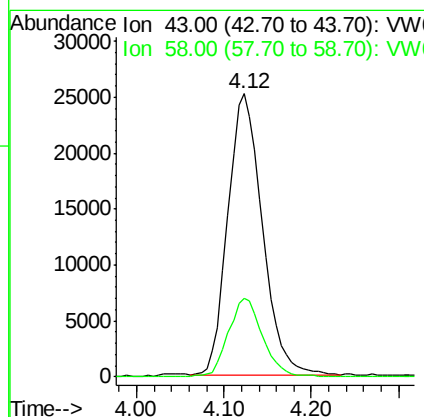
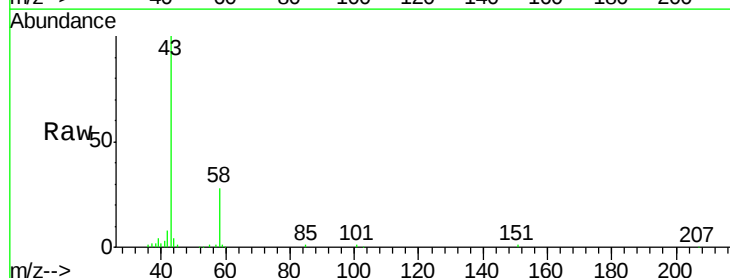
RT: 4.12 min Scan# 364

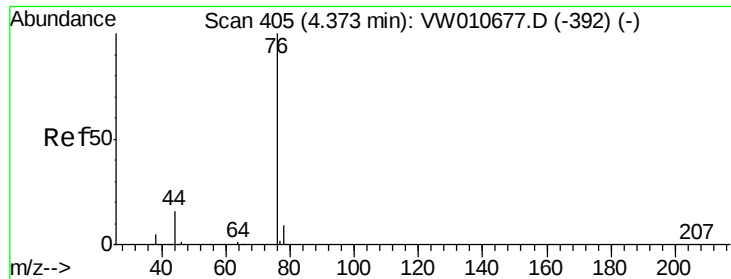
Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion:	43	Resp:	69096
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.1	33.1





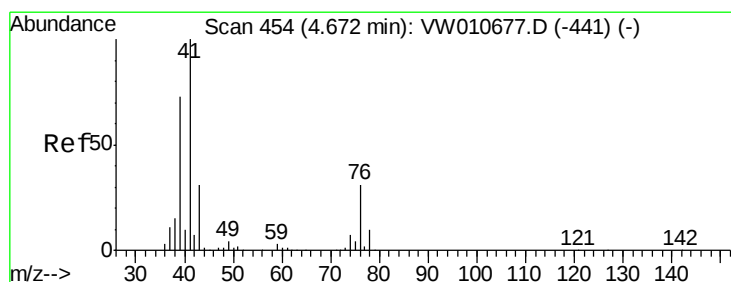
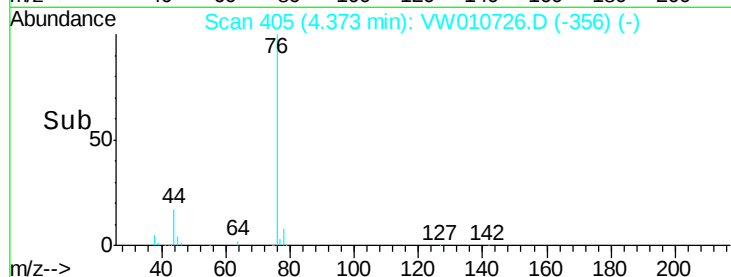
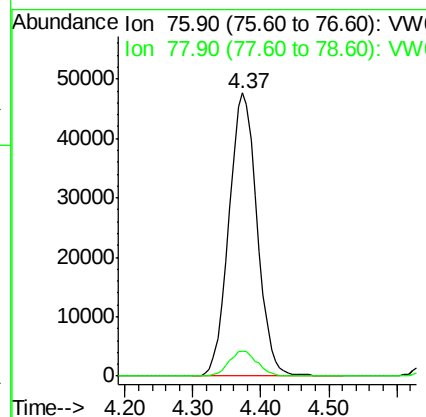
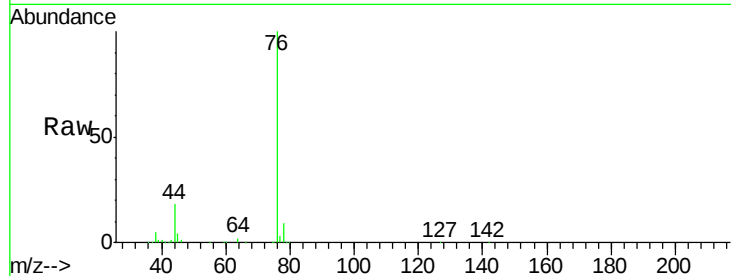
#17
Carbon Disulfide
Concen: 17.431 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

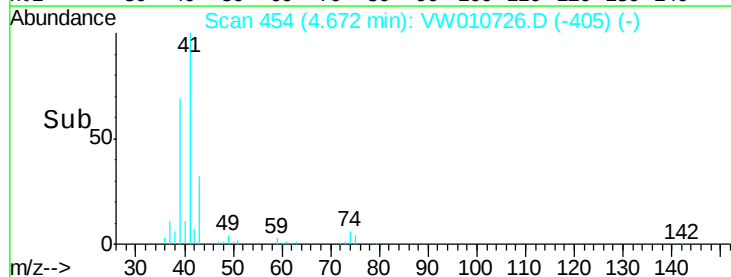
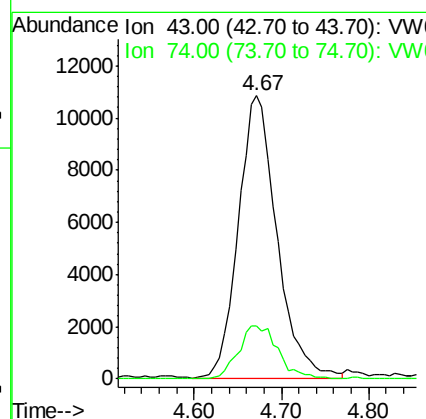
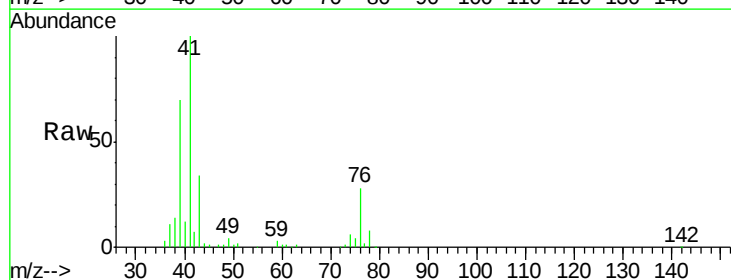
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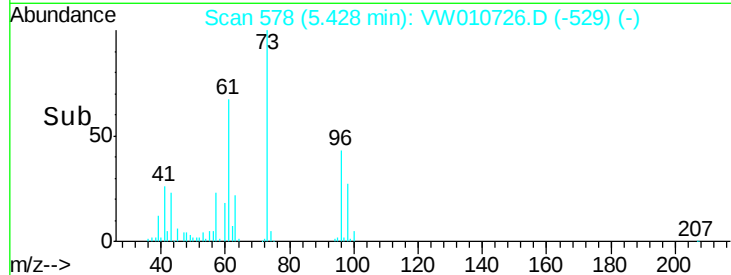
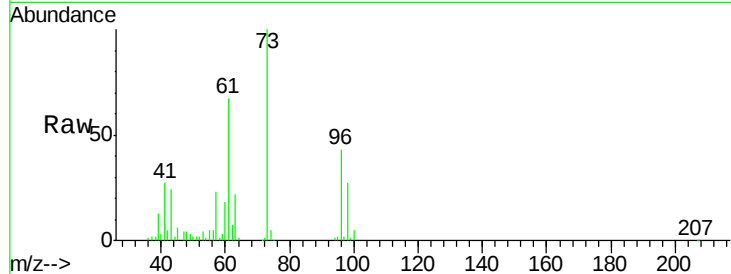
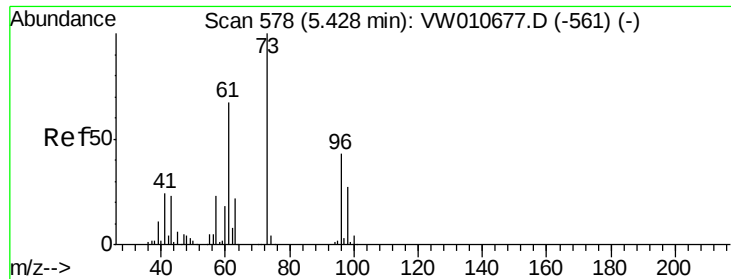
MMDadoda
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#18
Methyl Acetate
Concen: 19.298 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.2	16.7	25.1





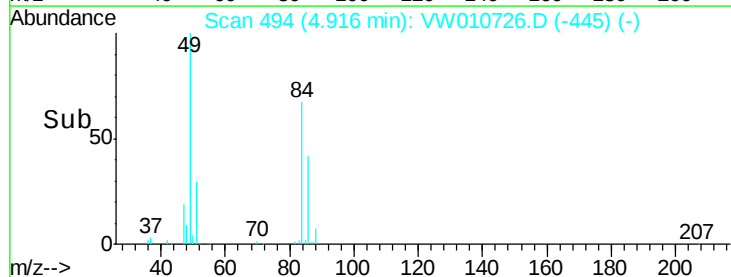
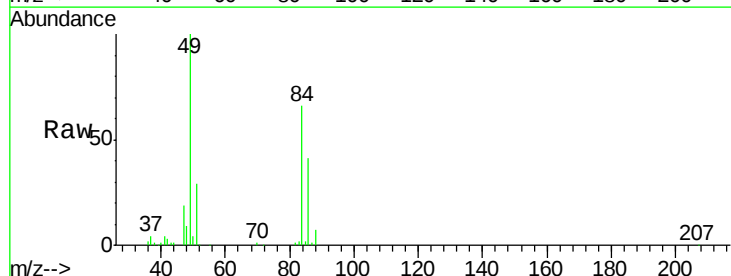
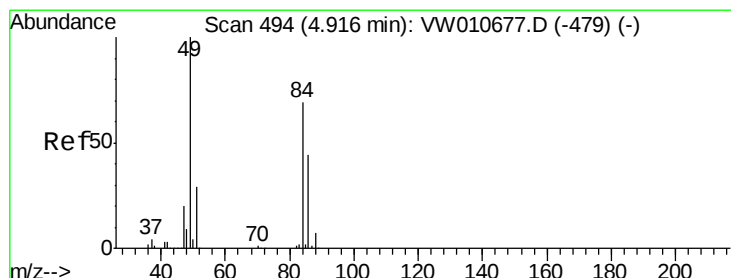
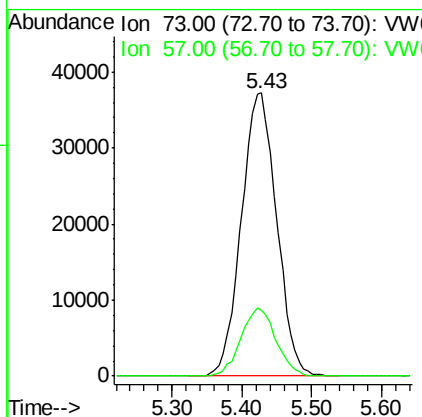
#19
Methvl tert-butvl Ether
Concen: 18.377 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tot Ion: 73 Resp: 130633
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

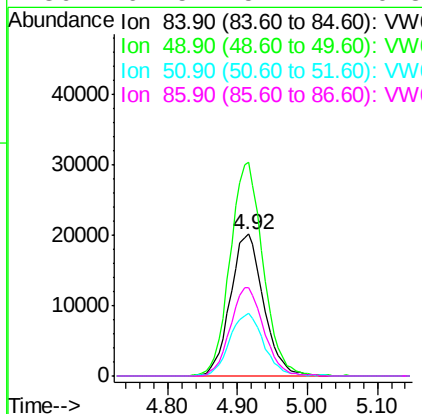
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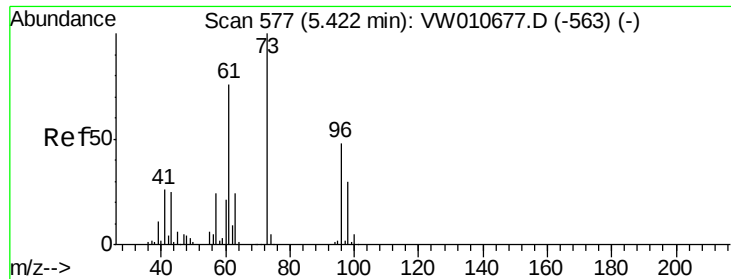
MMDadoda
6/10/2019 12:24:45 PM



#20
Methylene Chloride
Concen: 23.548 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion: 84 Resp: 66492
Ion Ratio Lower Upper
84 100
49 150.9 116.7 175.1
51 44.5 34.2 51.2
86 62.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.409 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

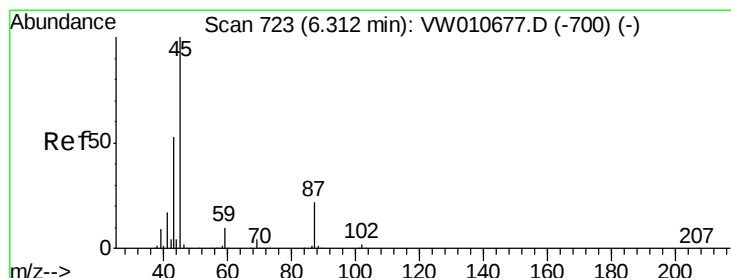
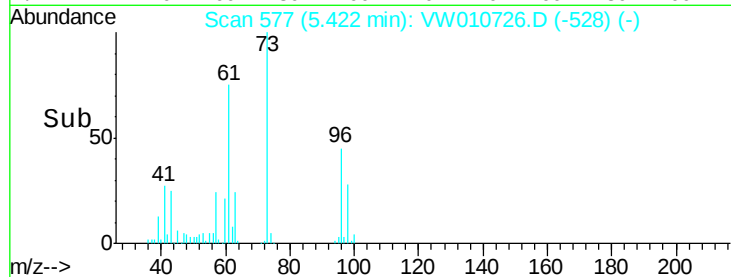
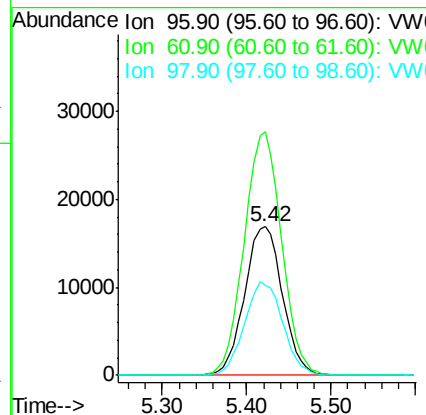
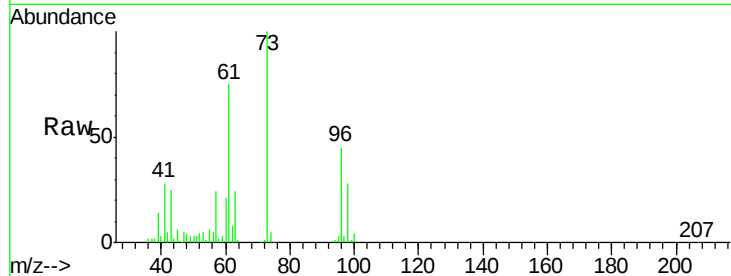
ClientSampled :

VW0607SBS01

Tot Ion:	96	Resp:	51507
Ion	Ratio	Lower	Upper
96	100		
61	164.1	126.0	189.0
98	60.9	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.208 ug/l

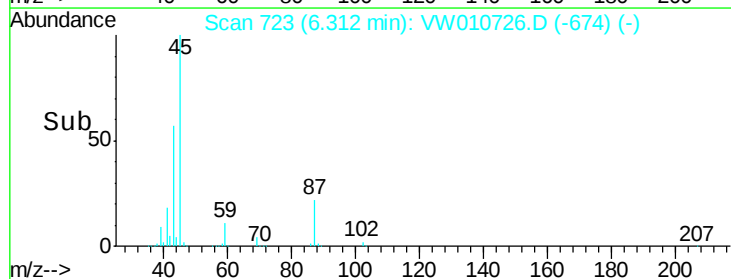
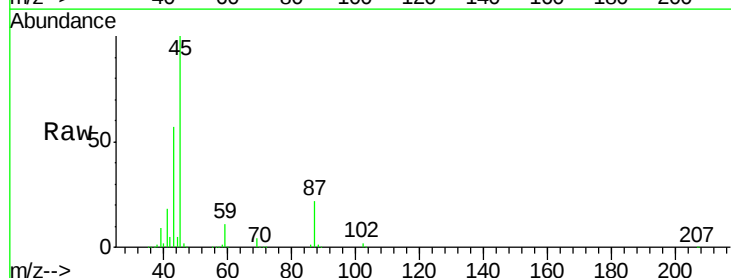
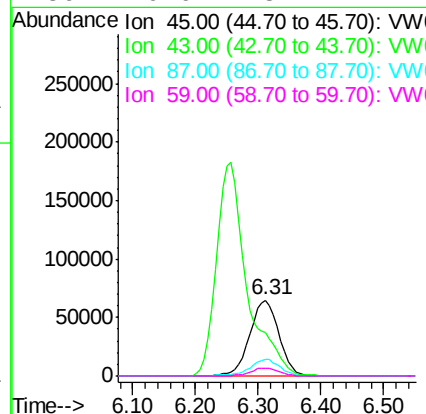
RT: 6.31 min Scan# 723

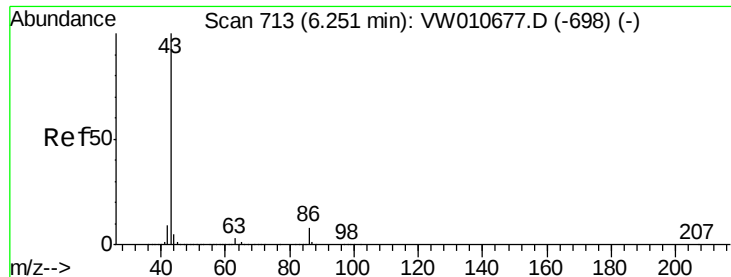
Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion:	45	Resp:	208979
Ion	Ratio	Lower	Upper
45	100		
43	56.8	42.5	63.7
87	22.2	17.4	26.2
59	10.9	8.1	12.1





#23

Vinyl Acetate

Concen: 93.569 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 43 Resp: 614365

Ion Ratio Lower Upper

43 100

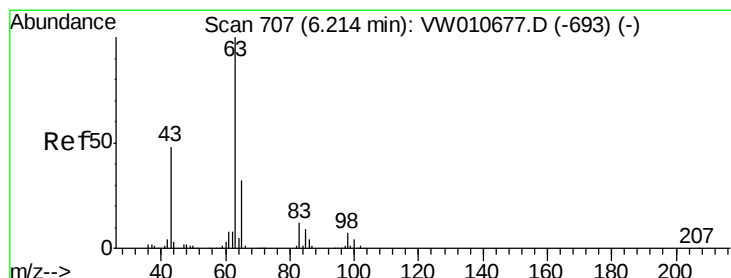
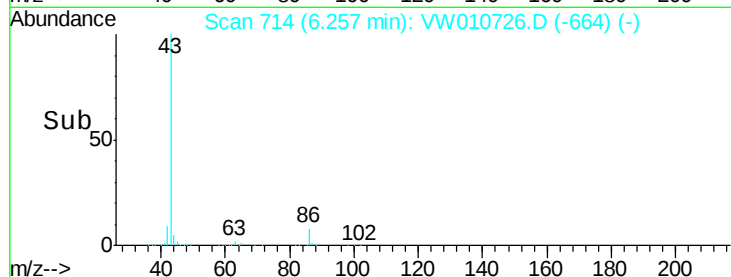
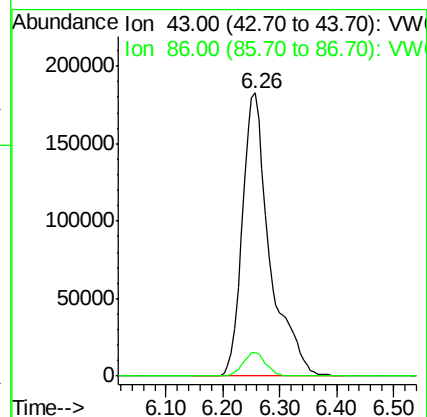
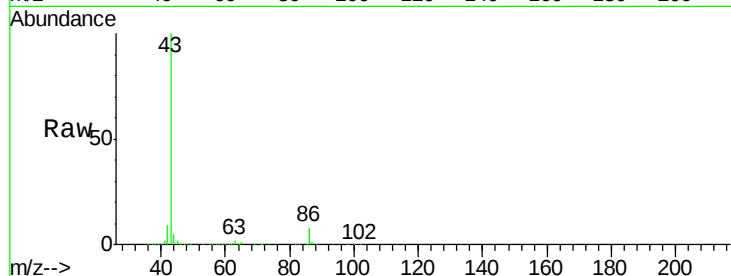
86 8.2 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.659 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

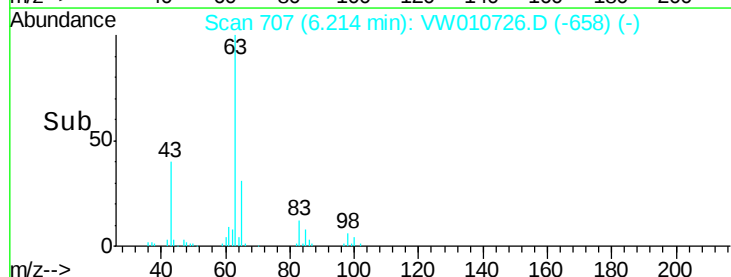
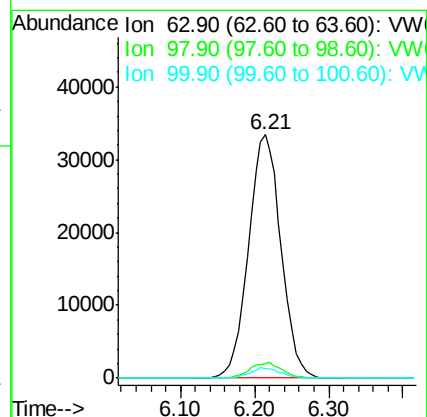
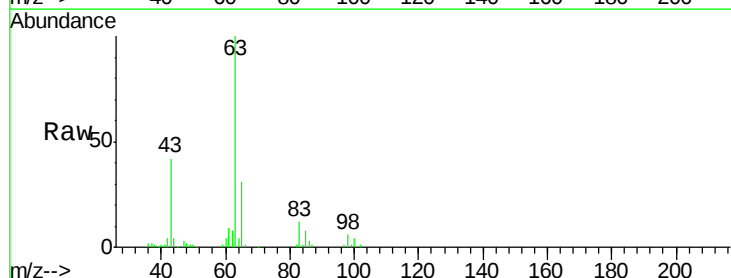
Tgt Ion: 63 Resp: 101737

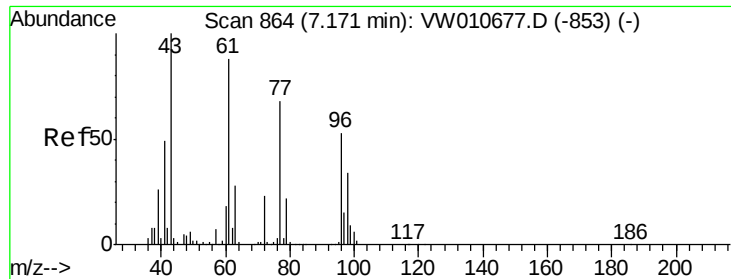
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 90.293 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 43 Resp: 100776

Ion Ratio Lower Upper

43 100

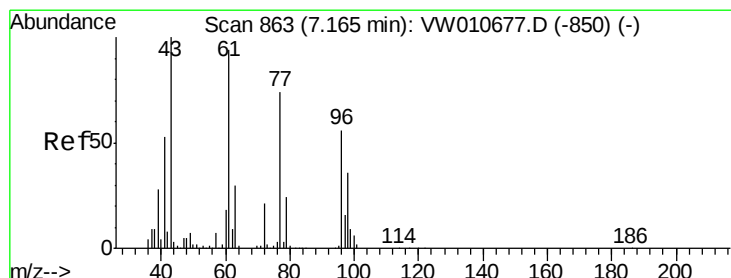
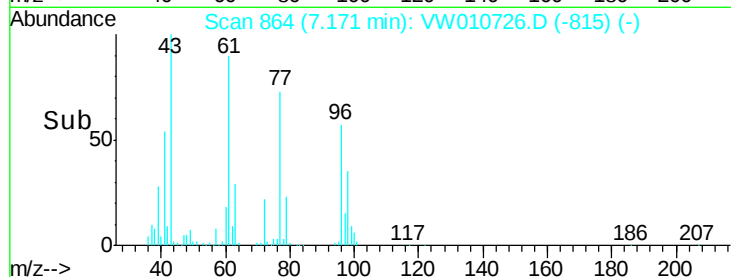
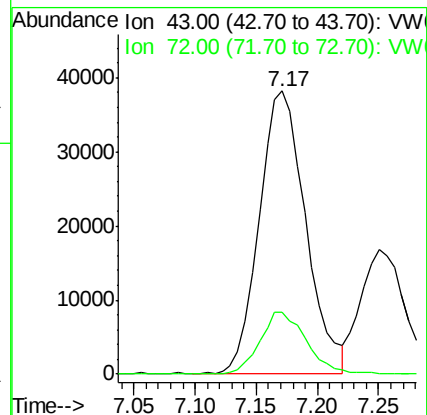
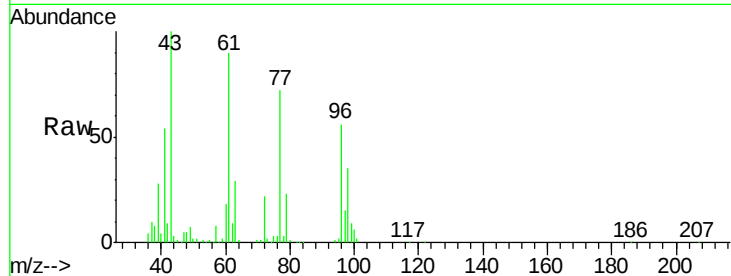
72 22.1 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.463 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010726.D

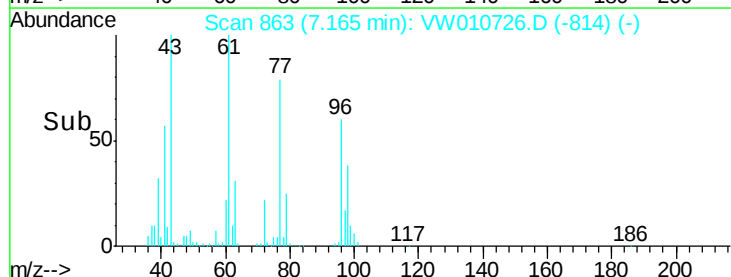
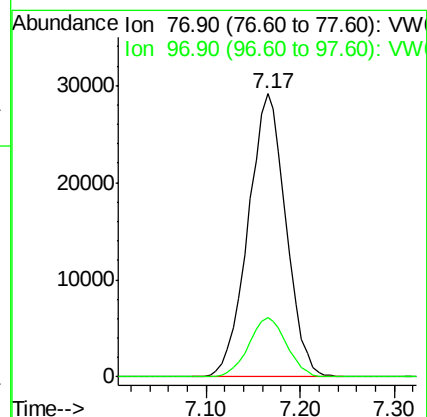
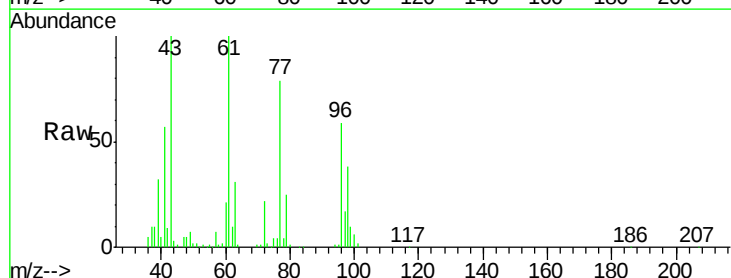
Acq: 07 Jun 2019 13:57

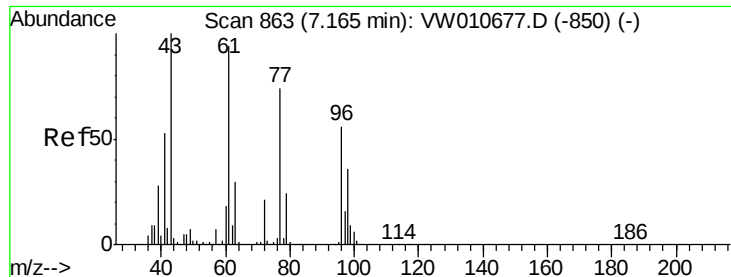
Tgt Ion: 77 Resp: 81916

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.6





#27

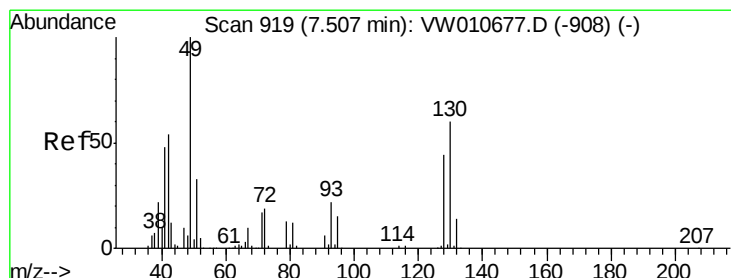
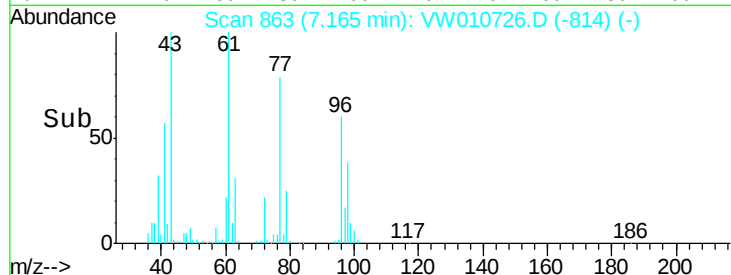
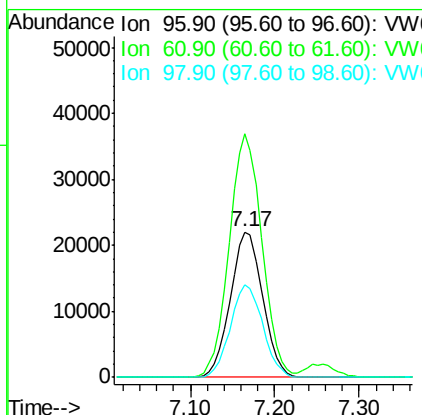
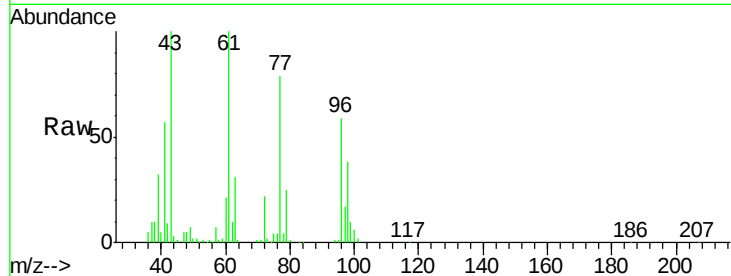
cis-1,2-Dichloroethene
Concen: 18.602 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	57276		
61	168.8		0.0	336.4
98	63.7		0.0	128.0

Manual Integrations
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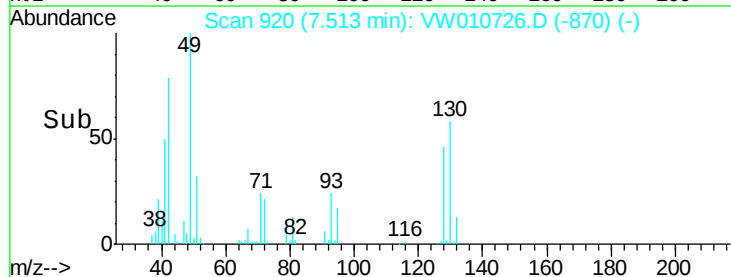
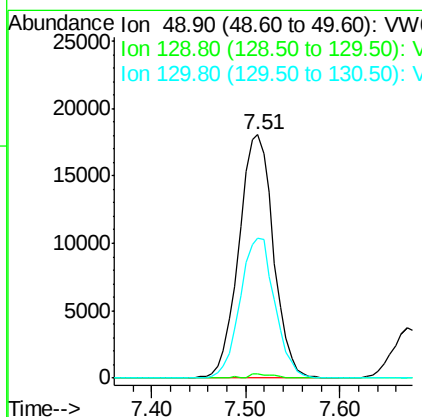
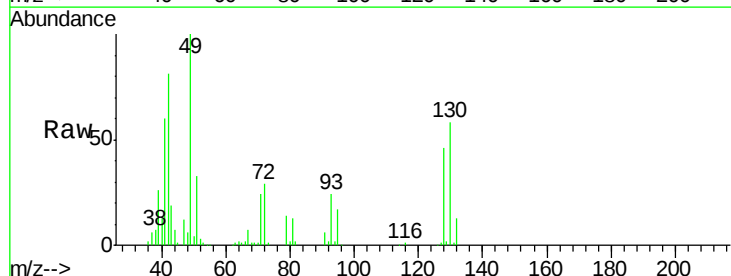
MMDadoda
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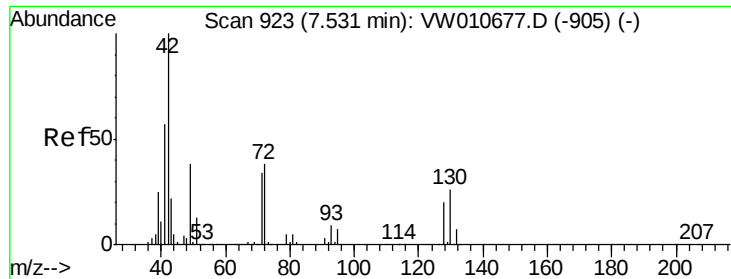


#28

Bromochloromethane
Concen: 19.068 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46397		
129	1.3		0.0	3.2
130	57.7		48.3	72.5





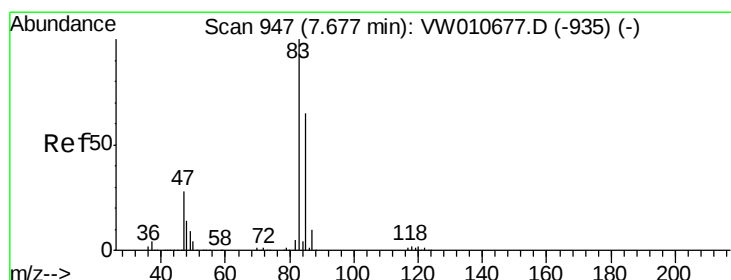
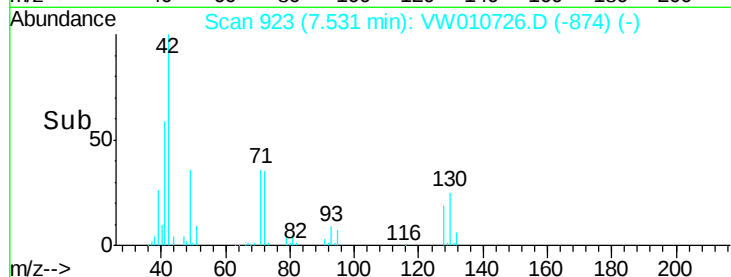
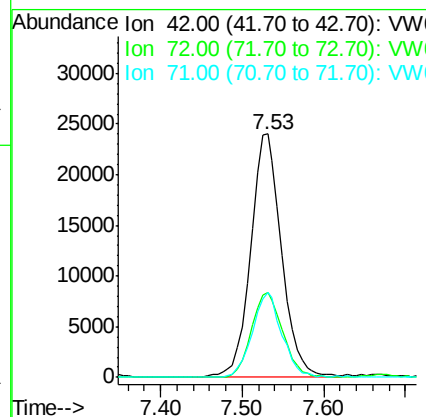
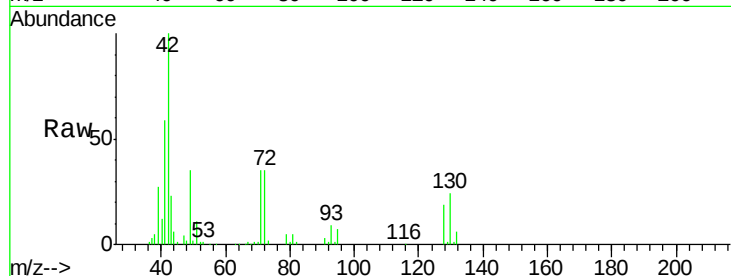
#29
Tetrahydrofuran
Concen: 90.589 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.1	28.7	43.1
71	33.4	26.6	39.8

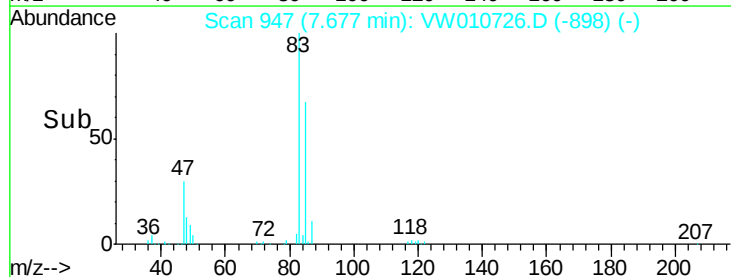
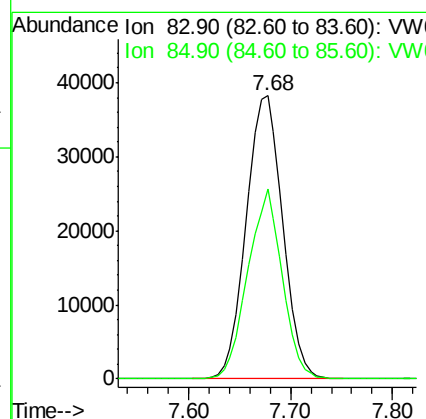
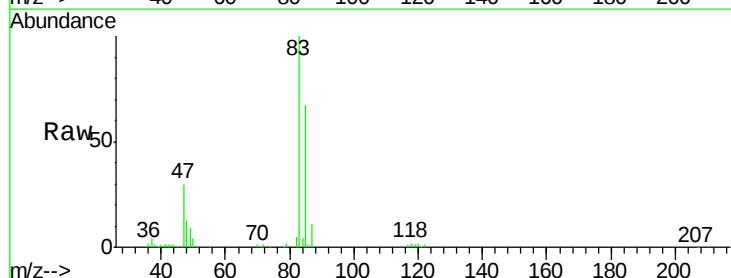
Manual Integrations
APPROVED

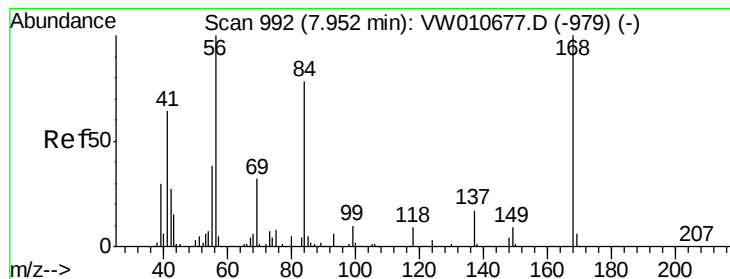
MMDadoda
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#30
Chloroform
Concen: 19.086 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.8	77.8





#31

Cyclohexane

Concen: 18.109 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

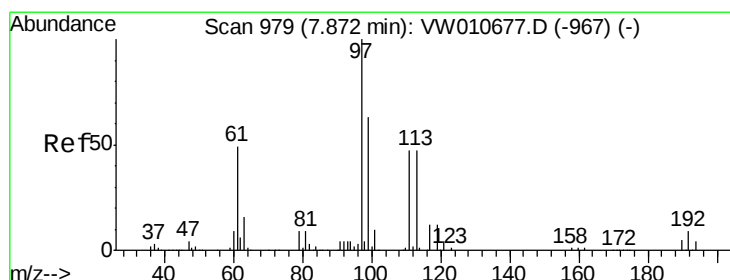
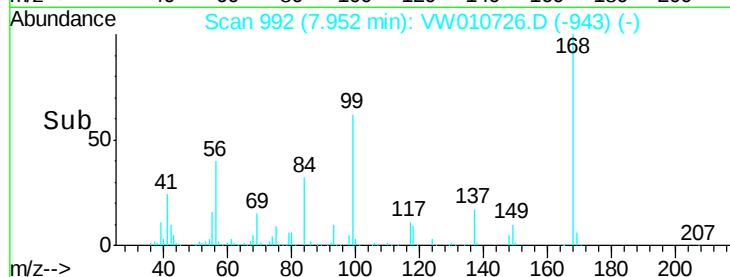
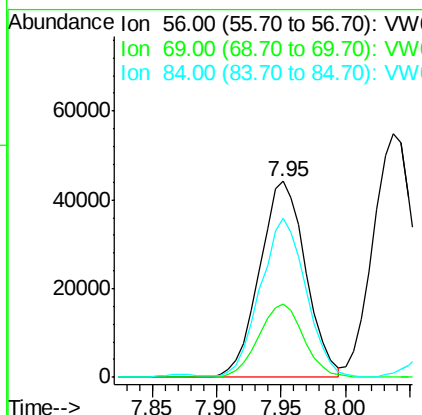
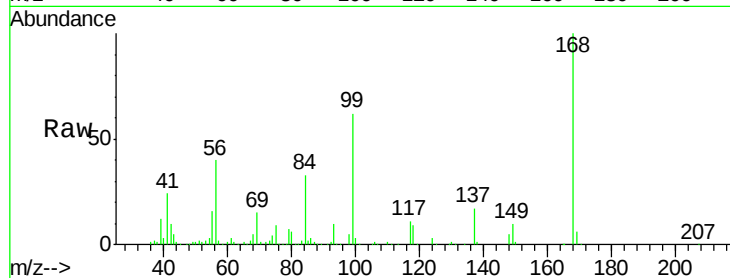
ClientSampled :

VW0607SBS01

Tot Ion:	56	Resp:	109757
Ion Ratio	Lower	Upper	
56	100		
69	37.3	25.2	37.8
84	79.7	62.2	93.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.578 ug/l

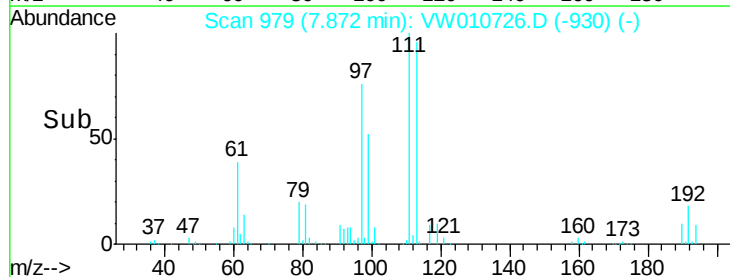
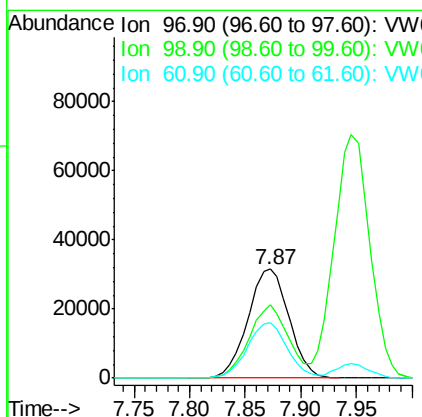
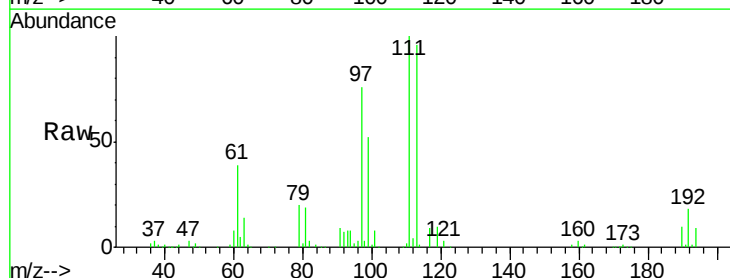
RT: 7.87 min Scan# 979

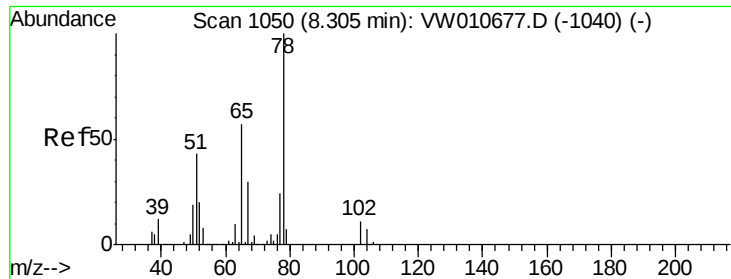
Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion:	97	Resp:	80932
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.3	76.9
61	50.2	40.4	60.6





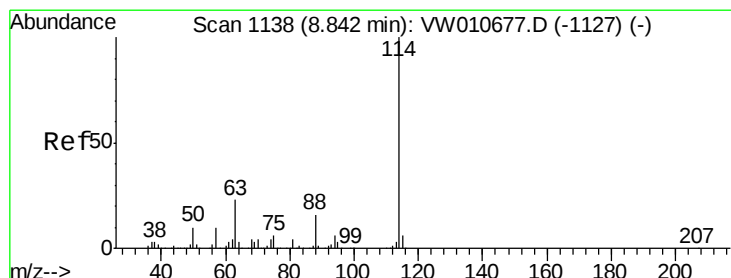
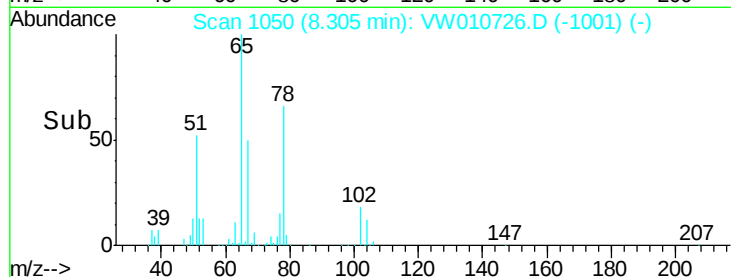
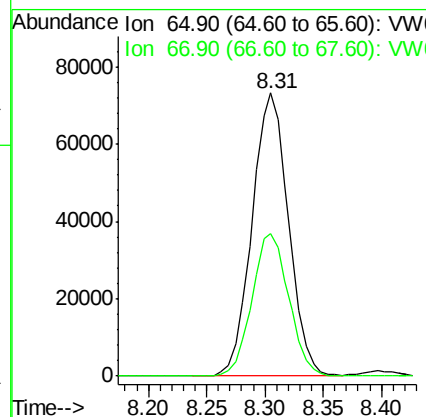
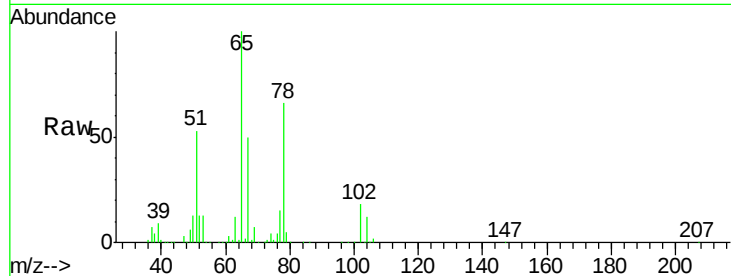
#33
 1,2-Dichloroethane-d4
 Concen: 53.189 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159775		
67	51.0	0.0	102.6	

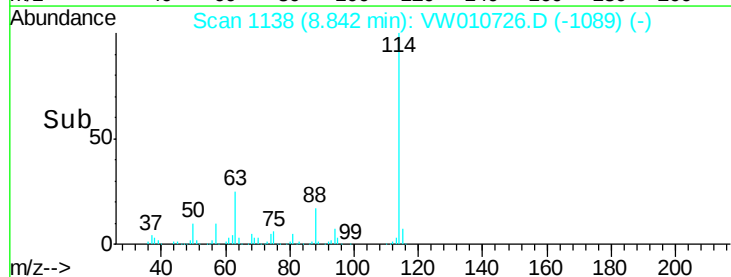
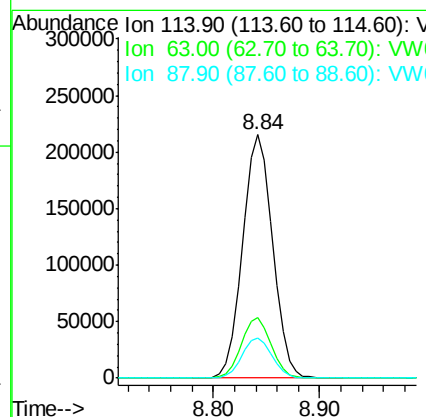
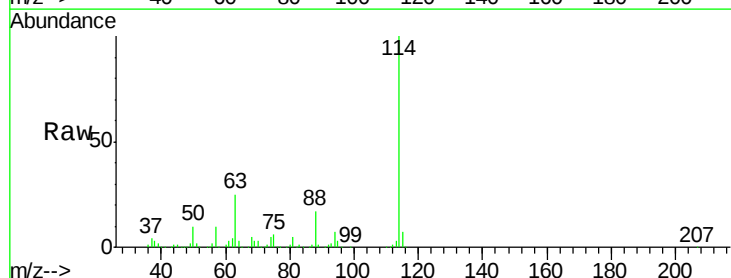
Manual Integrations
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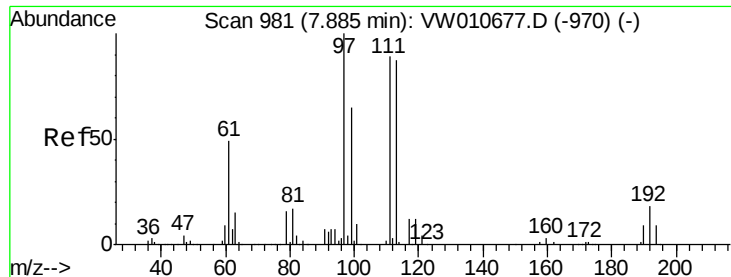
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427115		
63	24.9	0.0	46.4	
88	16.6	0.0	32.2	





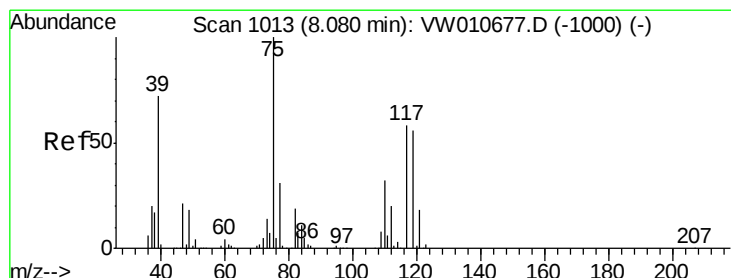
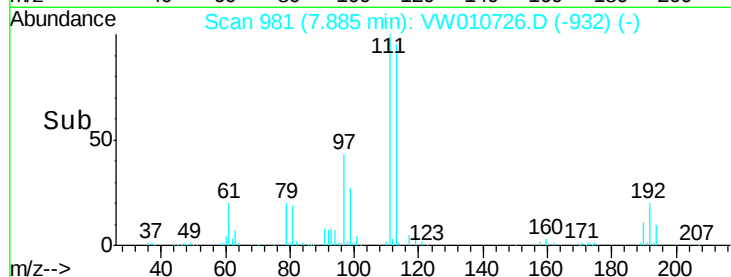
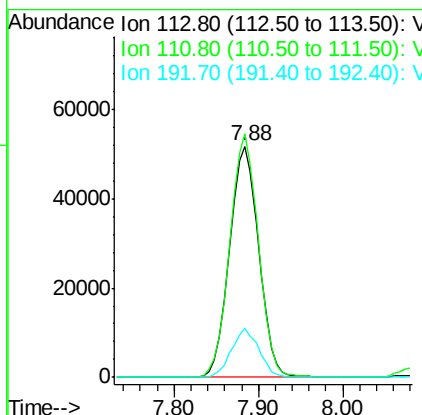
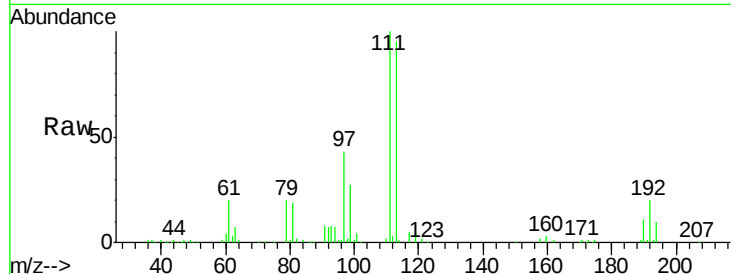
#35
 Dibromofluoromethane
 Concen: 52.327 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampled :
 VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121309		
111	103.1	82.6	123.8	
192	20.0	16.4	24.6	

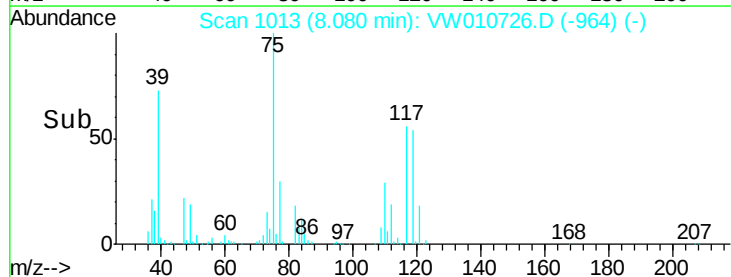
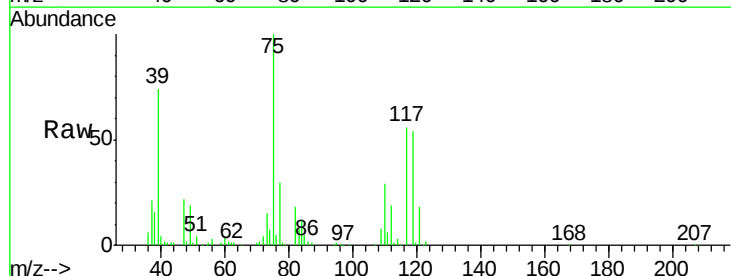
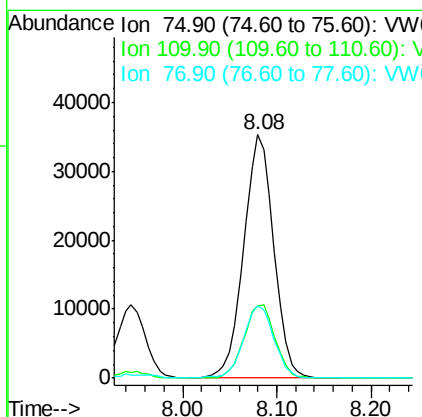
Manual Integrations
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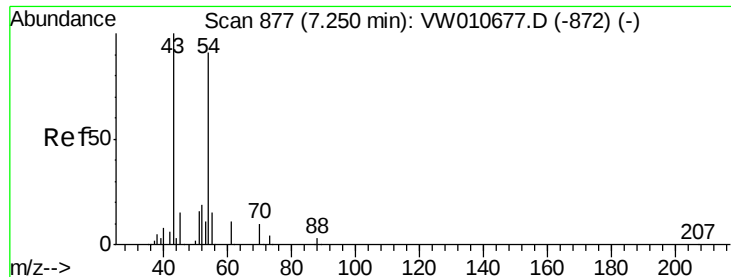
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#36
 1,1-Dichloropropene
 Concen: 18.093 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79105		
110	31.0	15.8	47.3	
77	30.5	24.7	37.1	





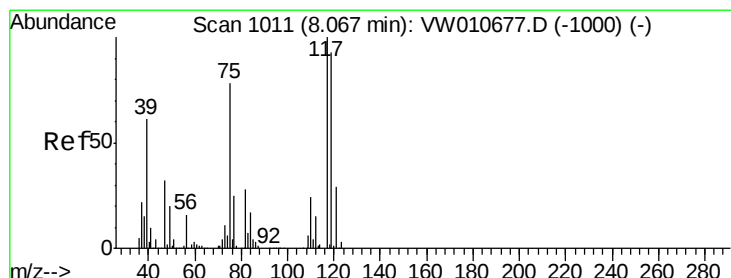
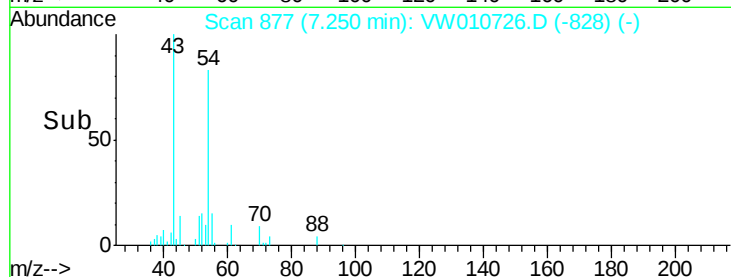
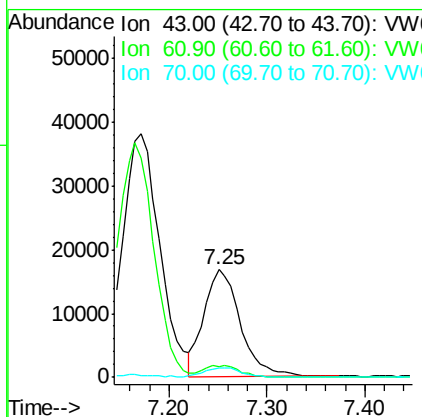
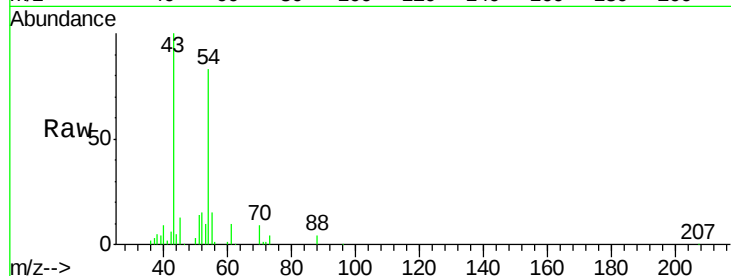
#37
Ethyl Acetate
Concen: 17.880 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.7	14.5
70	8.9	7.2	10.8

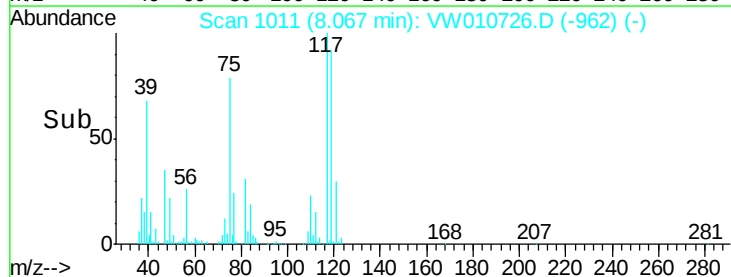
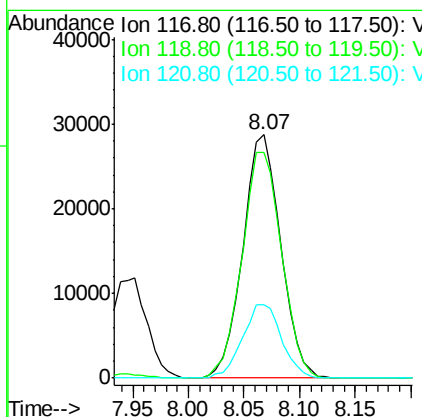
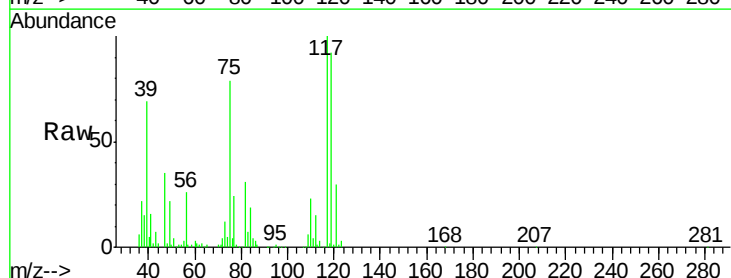
Manual Integrations
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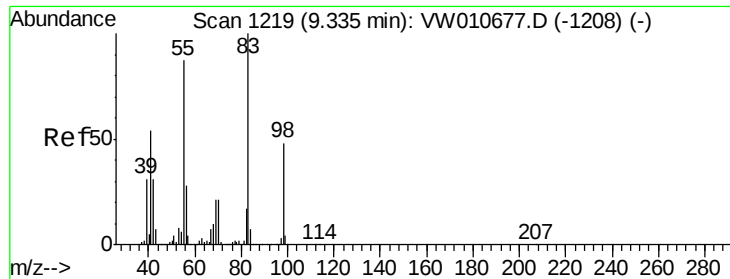
MMDadoda
6/10/2019 12:24:45 PM



#38
Carbon Tetrachloride
Concen: 18.071 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	74.2	111.4
121	30.2	22.9	34.3





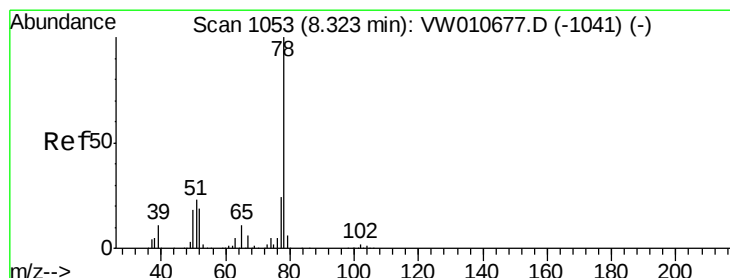
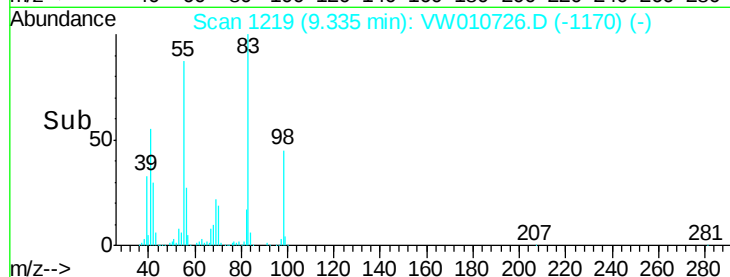
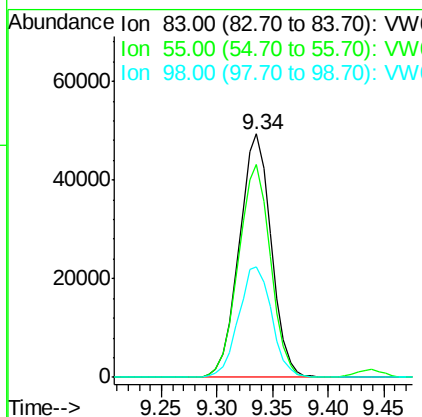
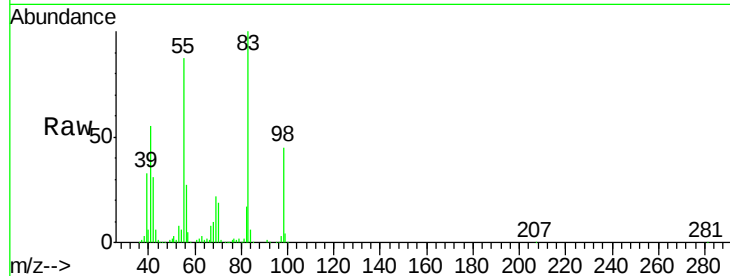
#39
Methvlcvclohexane
Concen: 17.695 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.3	70.0	105.0
98	45.4	38.1	57.1

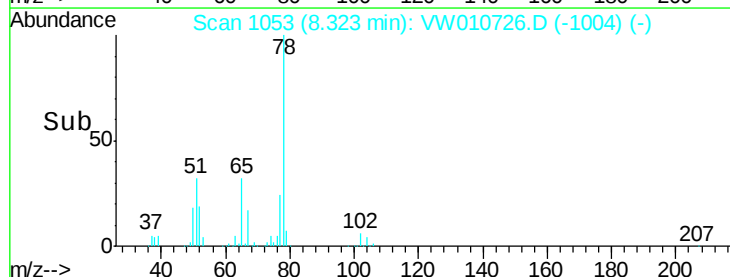
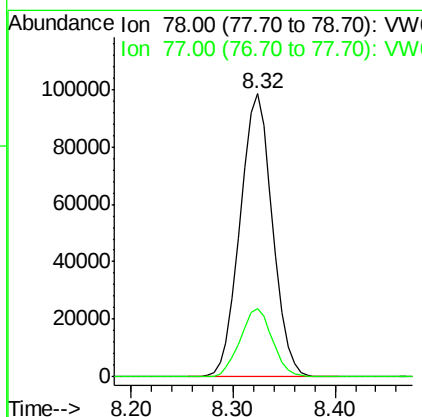
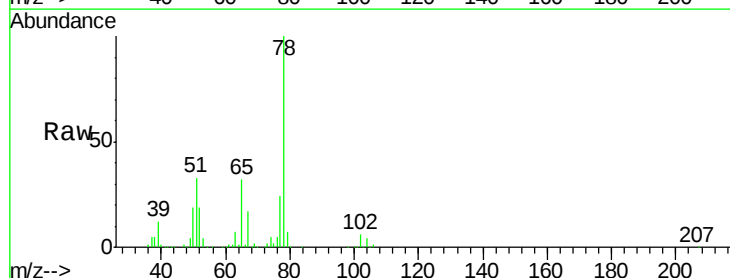
Manual Integrations
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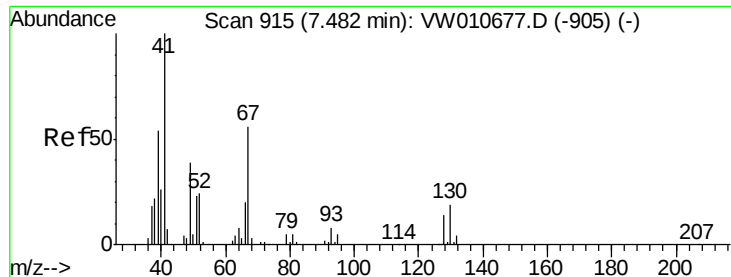
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#40
Benzene
Concen: 18.185 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





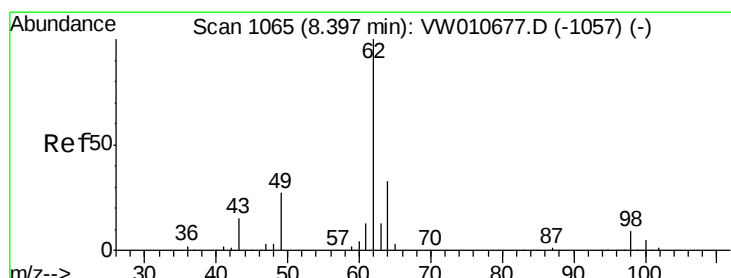
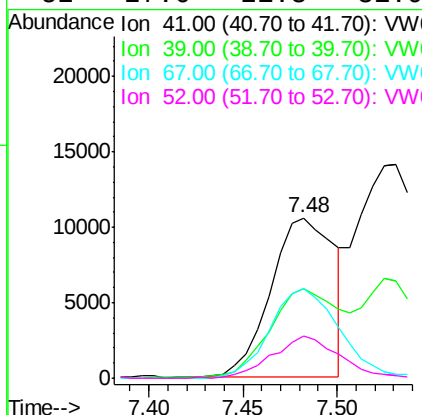
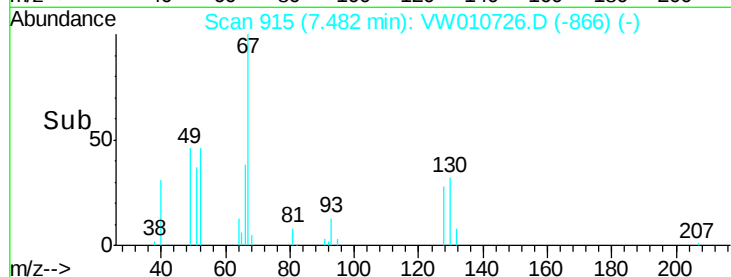
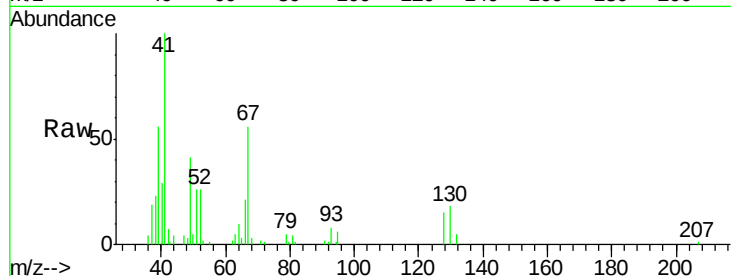
#41
Methacrylonitrile
Concen: 17.233 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	41	Resp	24817
Ion	Ratio	Lower	Upper
41	100		
39	61.9	47.3	70.9
67	62.0	47.2	70.8
52	27.6	21.3	31.9

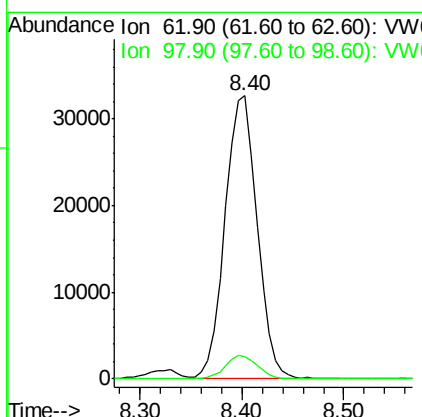
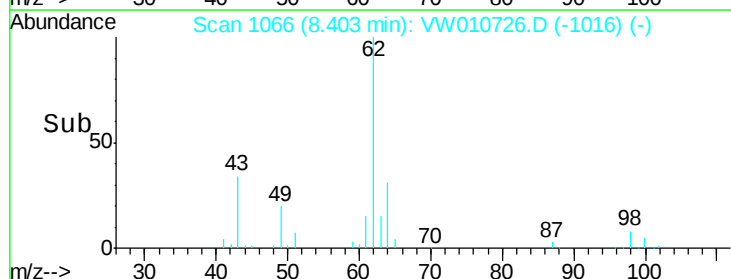
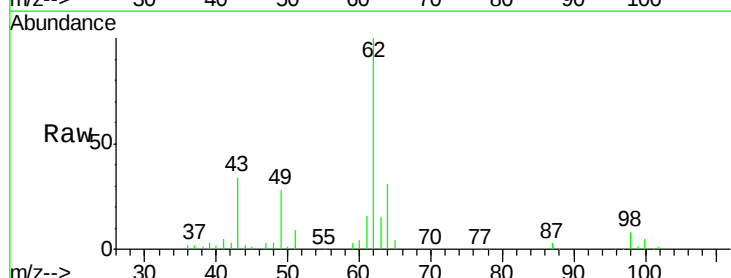
Manual Integrations
APPROVED

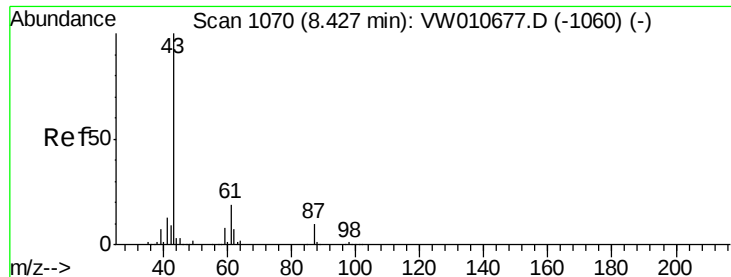
MMDadoda
6/10/2019 12:24:45 PM



#42
1,2-Dichloroethane
Concen: 18.852 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	62	Resp	71362
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





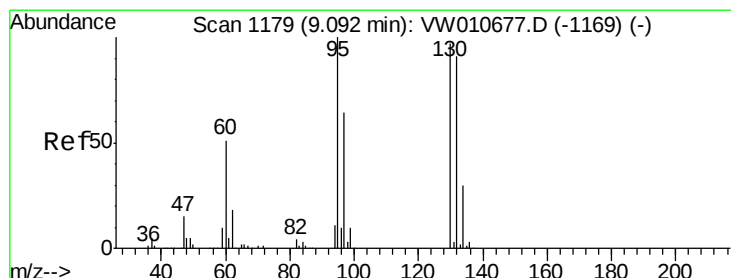
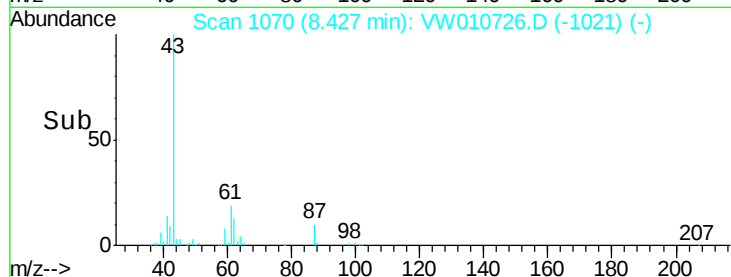
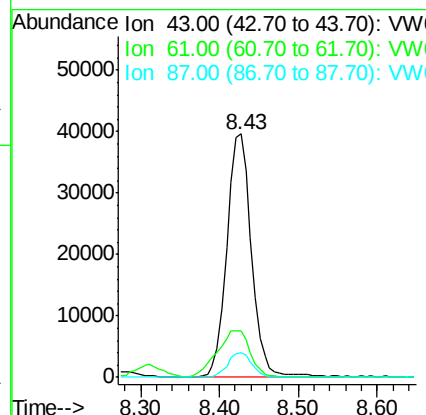
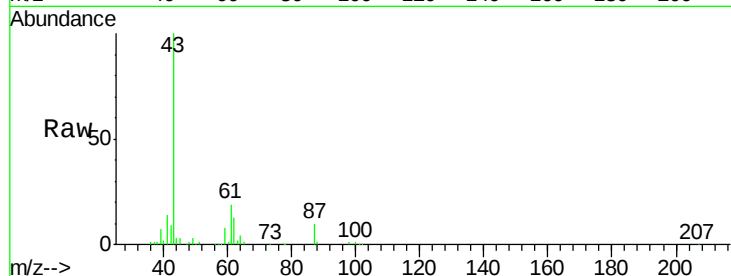
#43
Isopropyl Acetate
Concen: 18.251 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.5	21.2	31.8
87	10.1	8.3	12.5

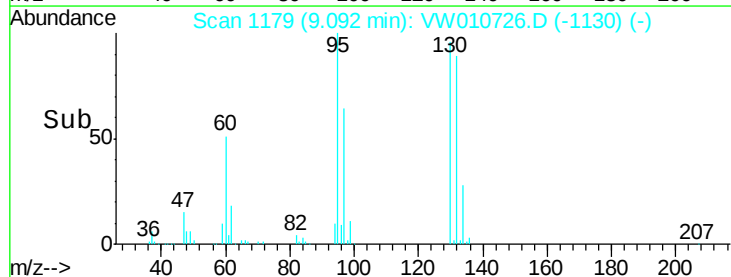
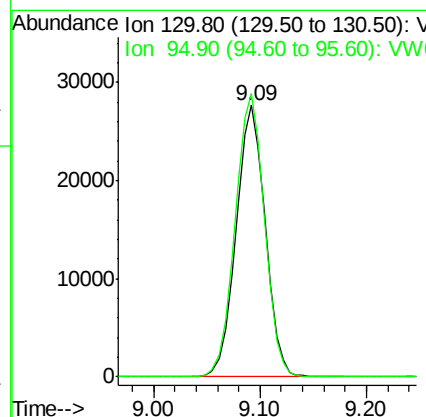
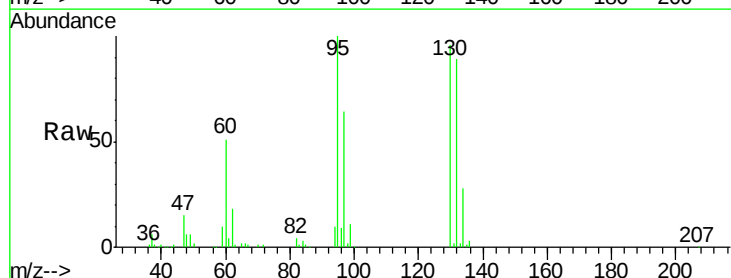
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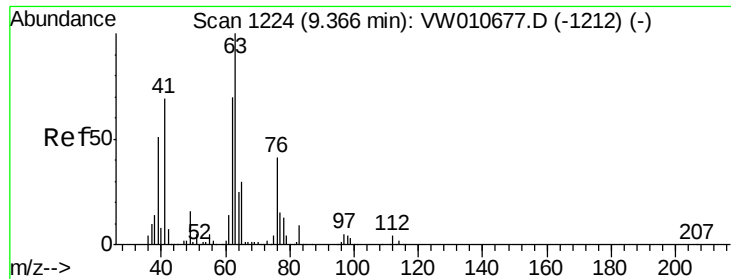
MMDadoda
6/10/2019 12:24:45 PM



#44
Trichloroethene
Concen: 18.058 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	207.0





#45

1,2-Dichloropropane

Concen: 18.445 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 63 Resp: 58235

Ion Ratio Lower Upper

63 100

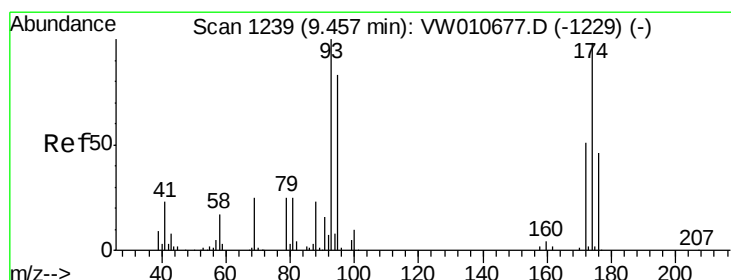
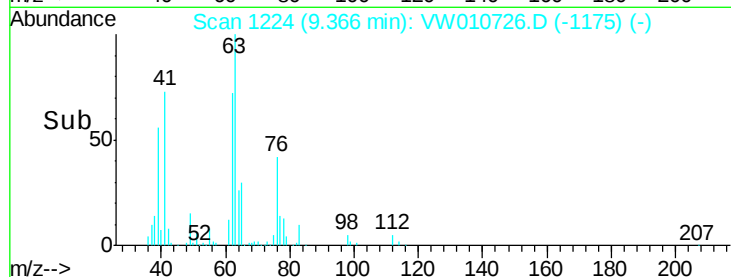
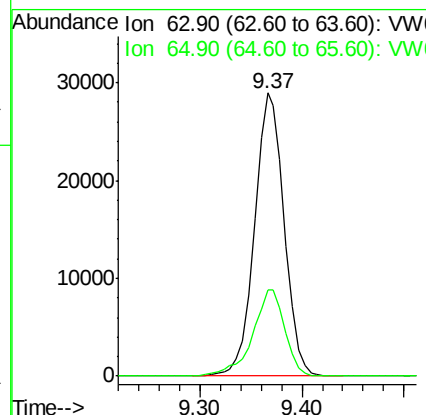
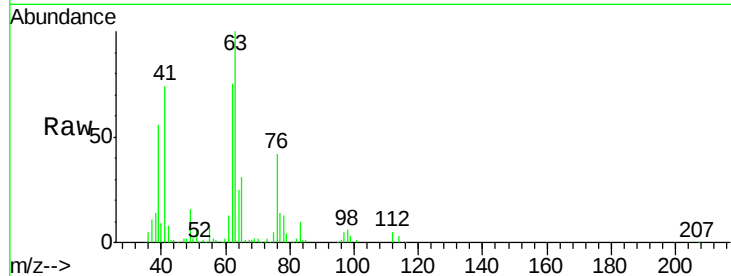
65 30.6 23.8 35.6

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#46

Dibromomethane

Concen: 18.525 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

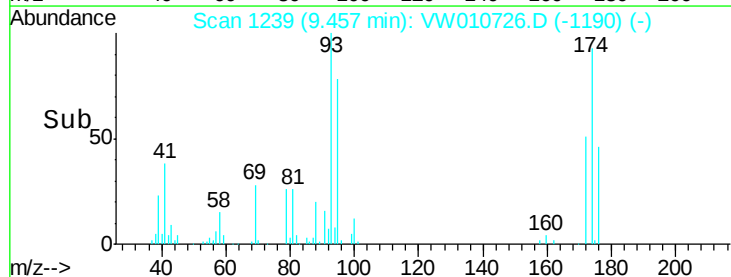
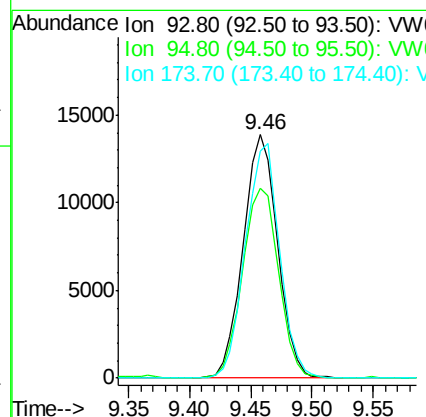
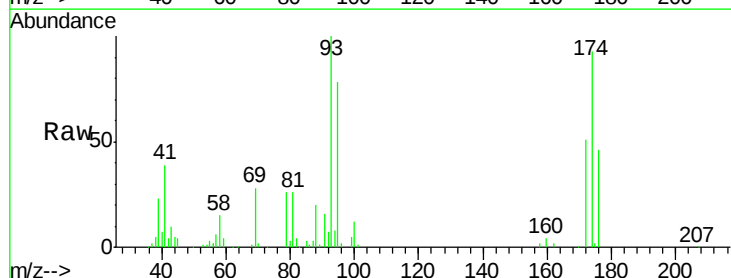
Tgt Ion: 93 Resp: 27167

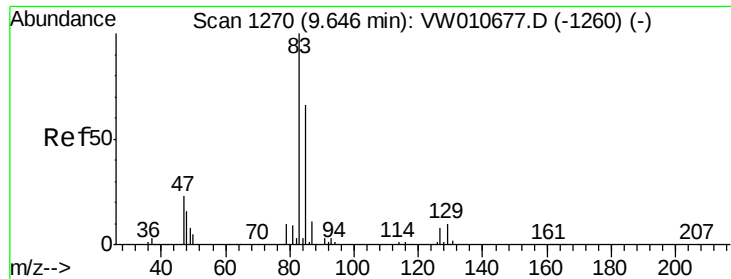
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

174 95.8 77.4 116.0





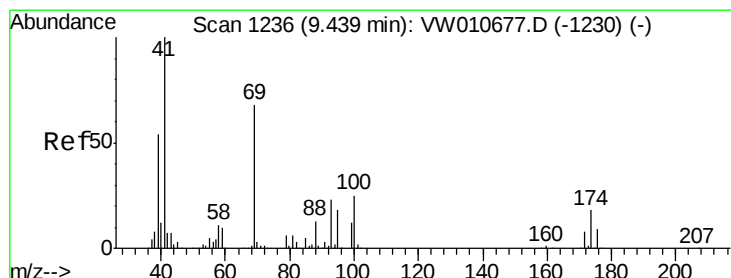
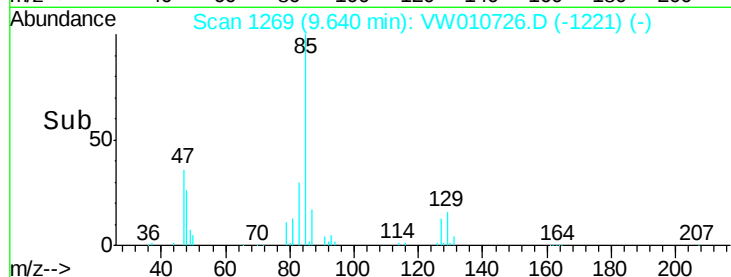
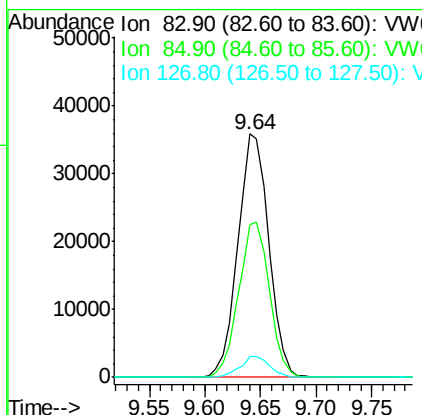
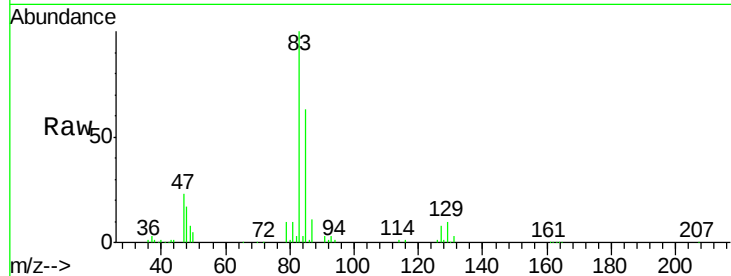
#47
Bromodichloromethane
Concen: 18.174 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	83	Resp	69087
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	53.0	79.4
127	8.4	6.4	9.6

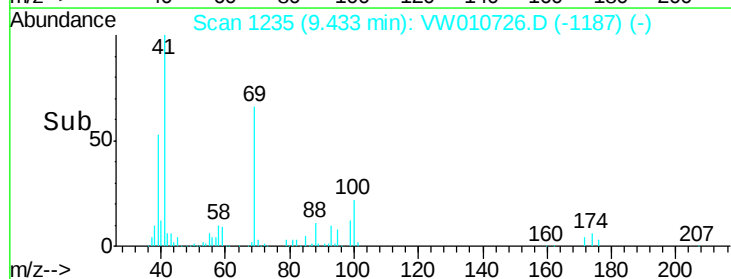
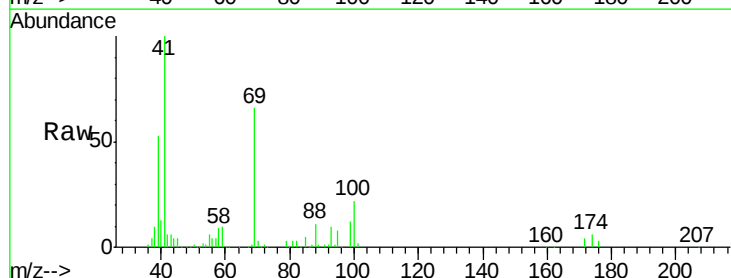
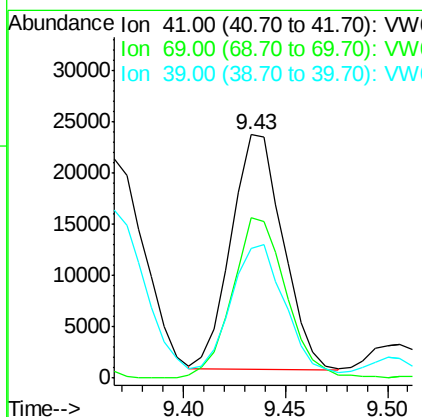
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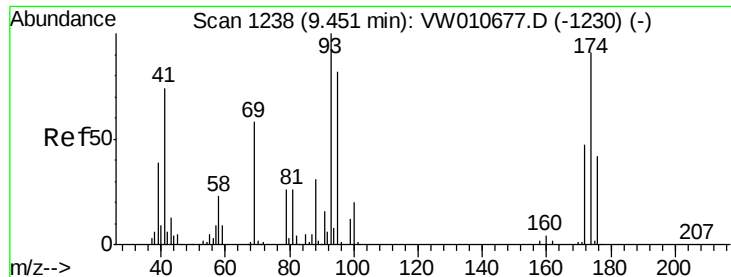
MMDadoda
6/10/2019 12:24:45 PM



#48
Methyl methacrylate
Concen: 17.881 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	41	Resp	40353
Ion Ratio	100	Lower	Upper
41	100		
69	71.5	56.6	85.0
39	55.4	44.4	66.6





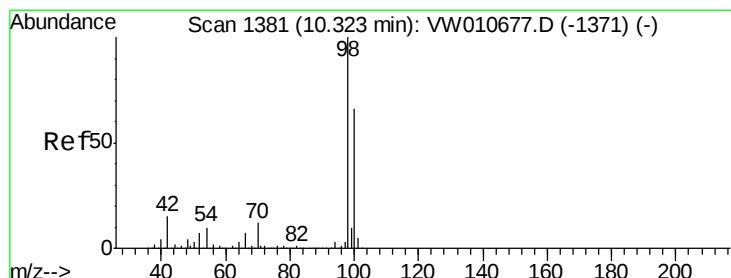
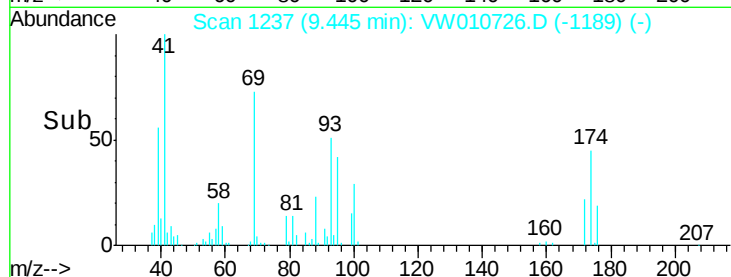
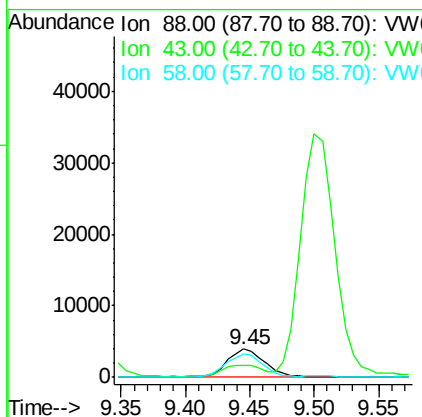
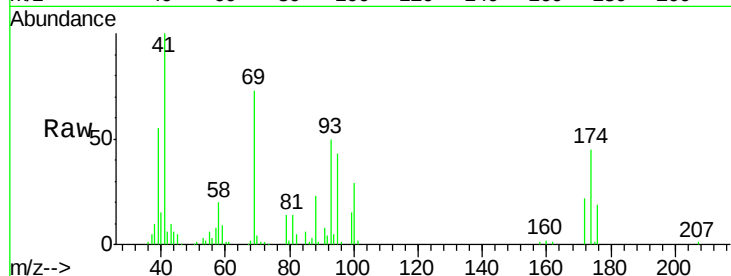
#49
1,4-Dioxane
Concen: 346.527 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	88	Resp	7945
Ion	Ratio	Lower	Upper
88	100		
43	44.2	34.2	51.4
58	86.1	69.0	103.4

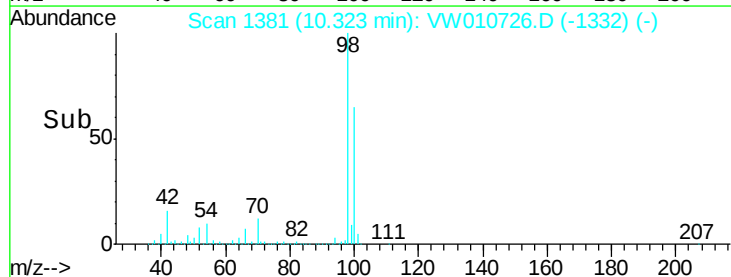
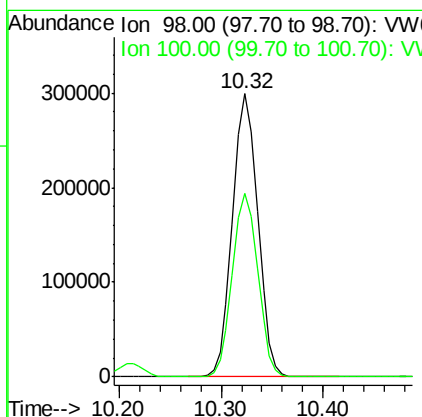
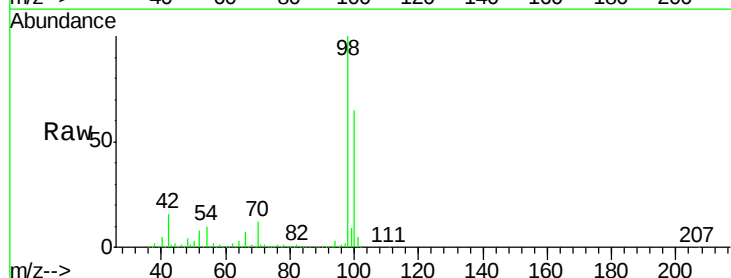
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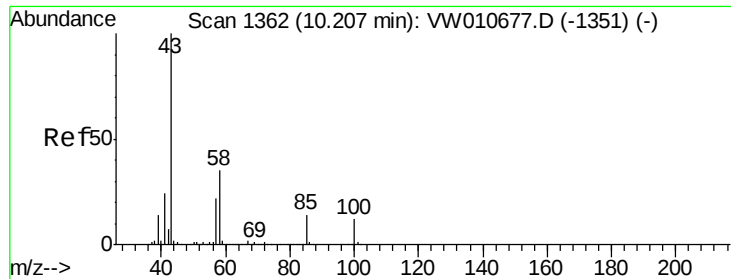
MMDadoda
6/10/2019 12:24:45 PM



#50
Toluene-d8
Concen: 50.610 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	98	Resp	514497
Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 90.708 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 43 Resp: 216896

Ion Ratio Lower Upper

43 100

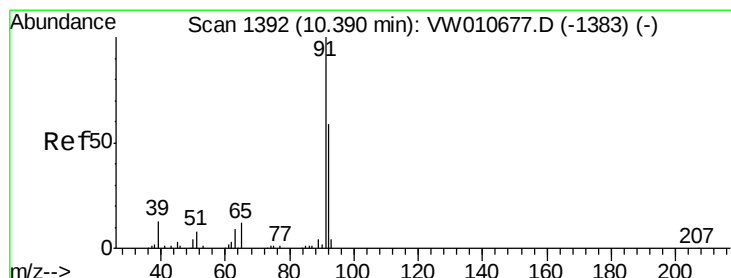
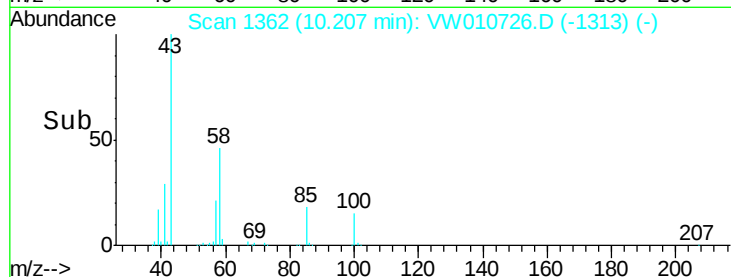
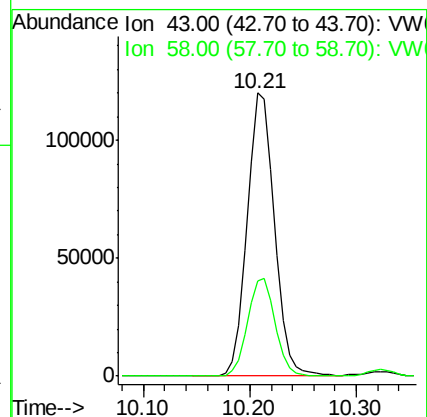
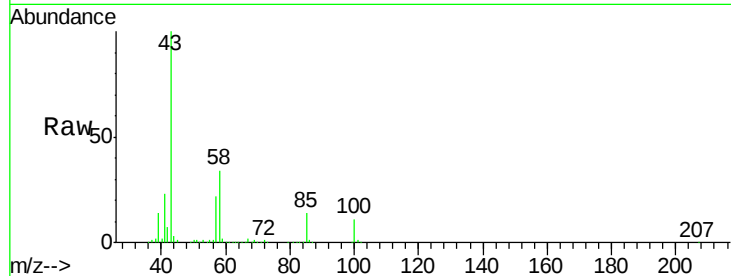
58 34.9 28.4 42.6

Manual Integrations

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MMDadoda

6/10/2019 12:24:45 PM



#52

Toluene

Concen: 18.217 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010726.D

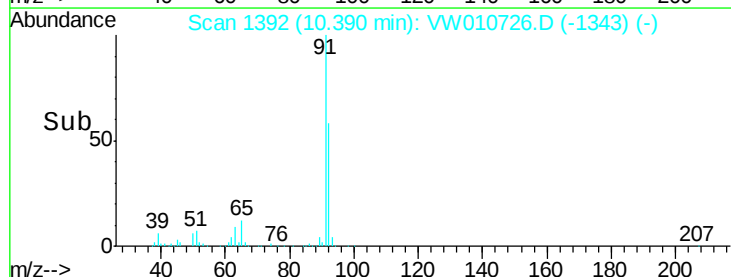
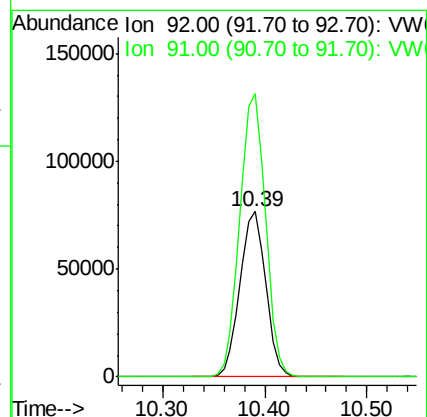
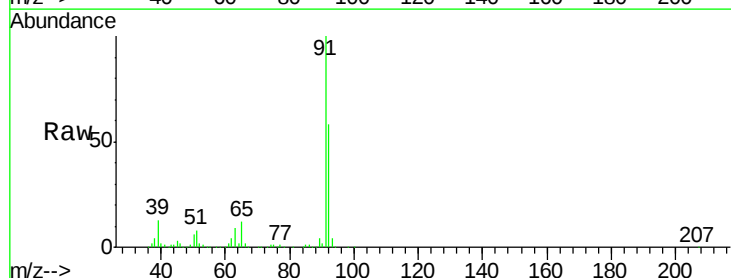
Acq: 07 Jun 2019 13:57

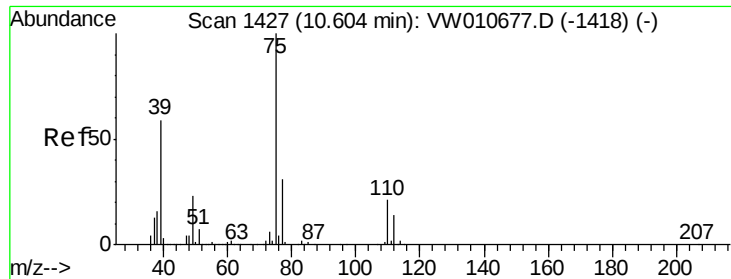
Tgt Ion: 92 Resp: 133687

Ion Ratio Lower Upper

92 100

91 171.6 134.9 202.3





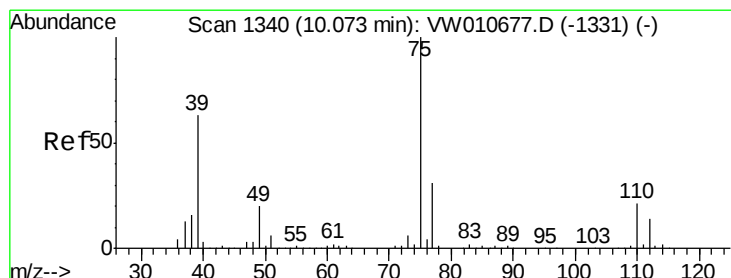
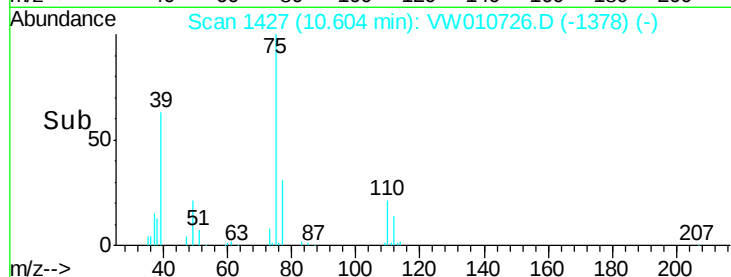
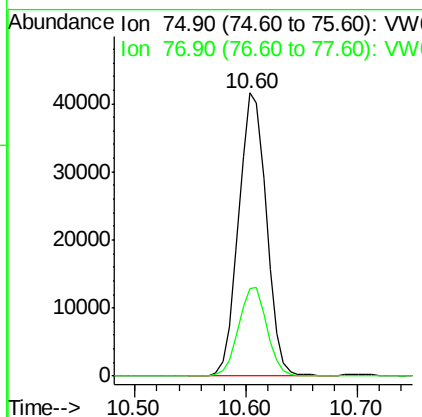
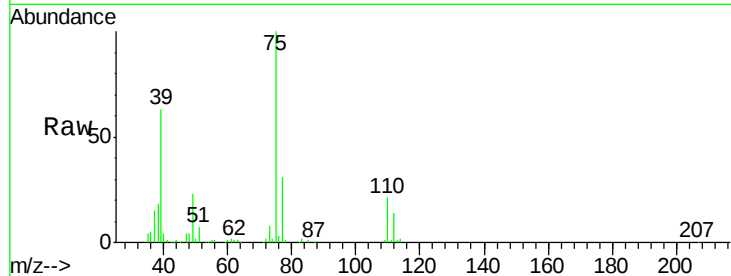
#53
 t-1,3-Dichloropropene
 Concen: 17.897 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion: 75 Resp: 72058
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8

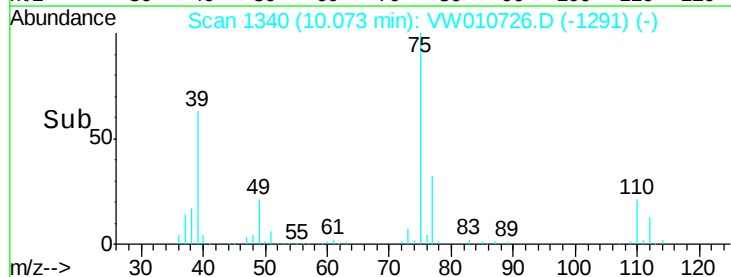
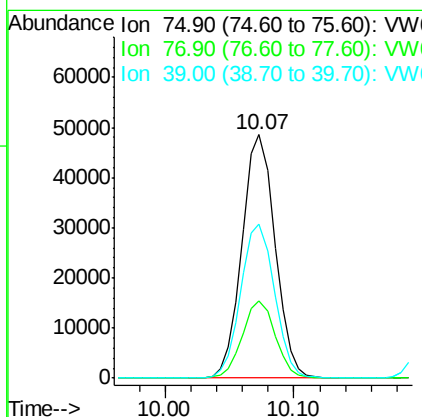
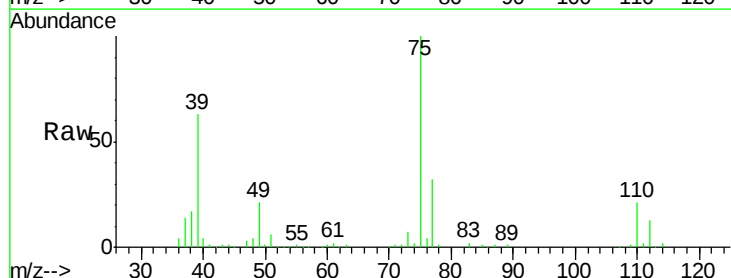
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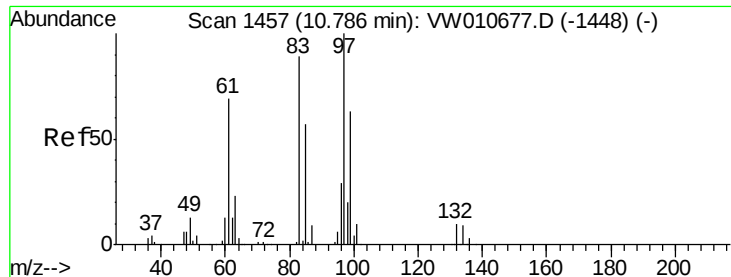
MMDadoda
 6/10/2019 12:24:45 PM



#54
 cis-1,3-Dichloropropene
 Concen: 18.231 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion: 75 Resp: 86375
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8
 39 63.1 50.1 75.1





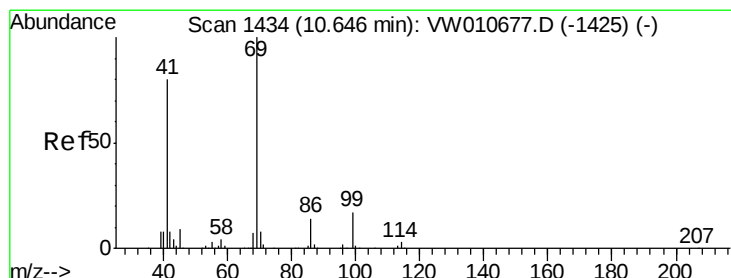
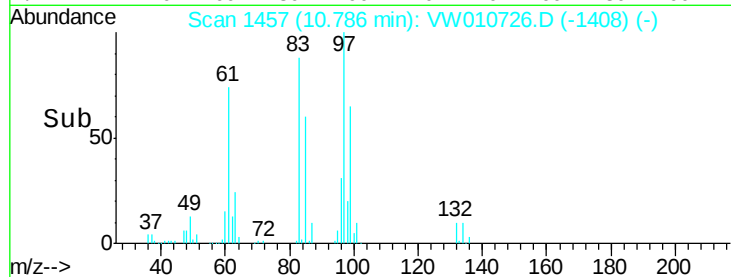
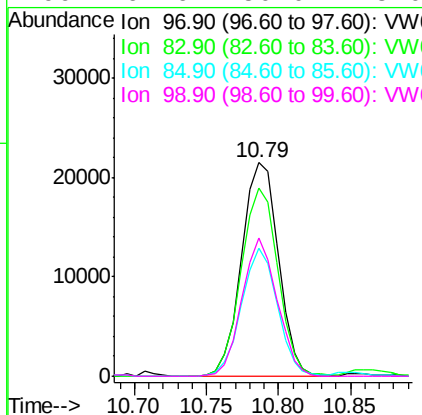
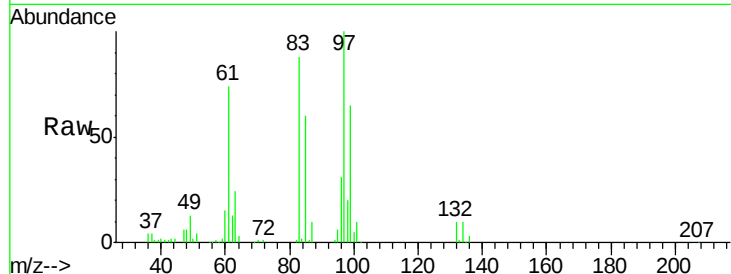
#55
 1,1,2-Trichloroethane
 Concen: 18.031 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion:	97	Resp:	38091
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.1	106.7
85	60.0	45.2	67.8
99	64.6	50.0	75.0

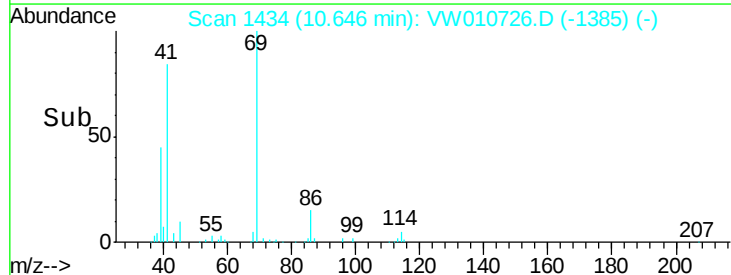
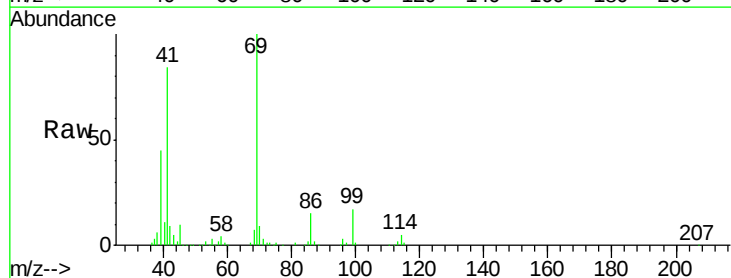
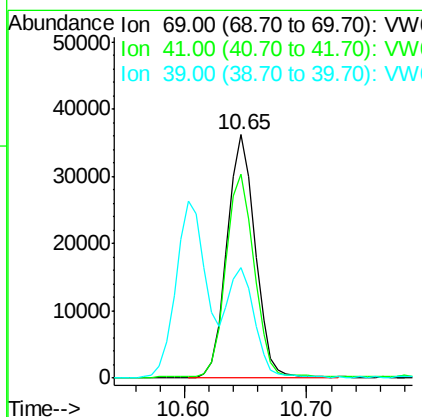
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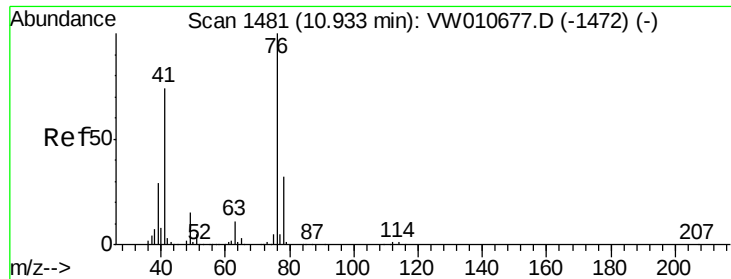
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#56
 Ethyl methacrylate
 Concen: 17.829 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion:	69	Resp:	57957
Ion	Ratio	Lower	Upper
69	100		
41	86.8	64.8	97.2
39	43.0	32.2	48.2





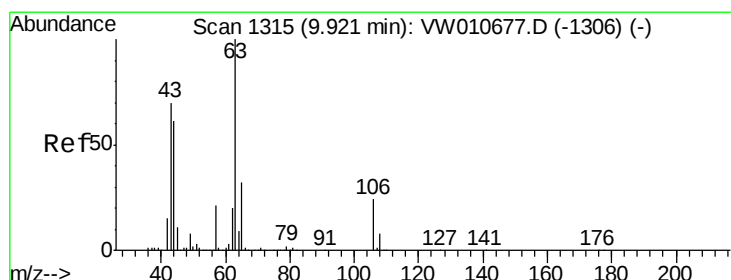
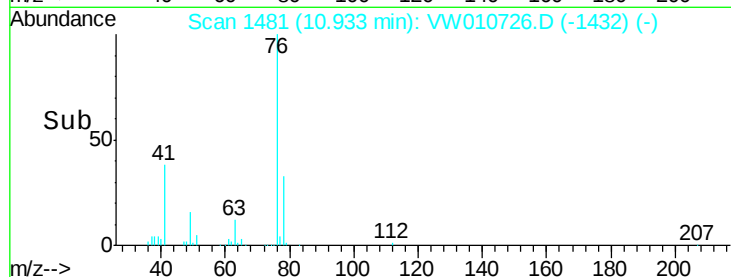
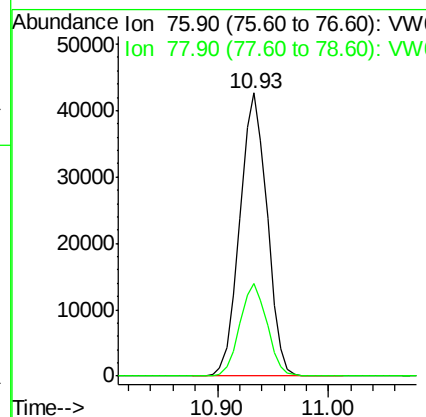
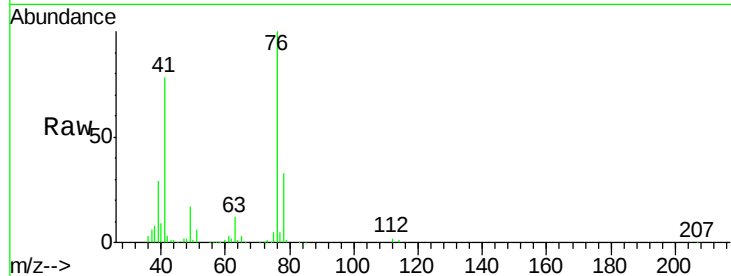
#57
 1,3-Dichloropropane
 Concen: 18.210 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion: 76 Resp: 72497
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5

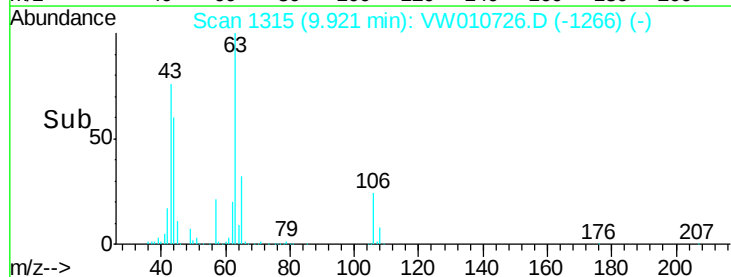
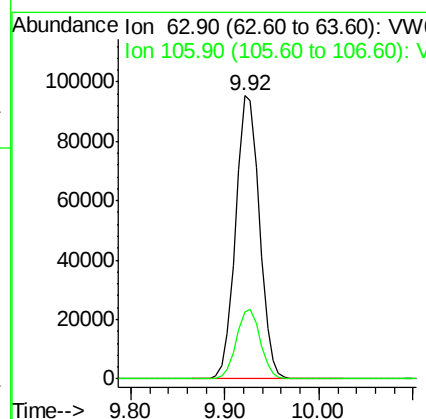
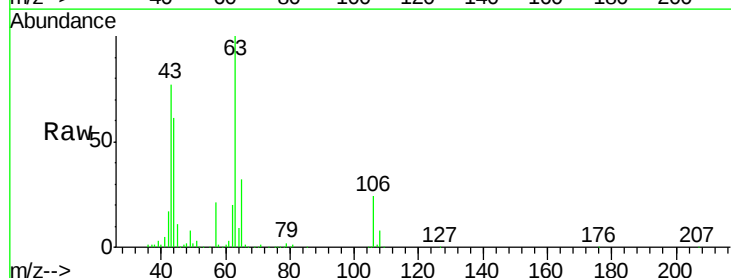
Manual Integrations
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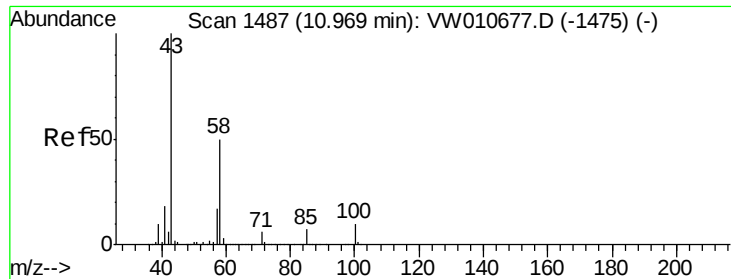
MMDadoda
 6/10/2019 12:24:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.386 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion: 63 Resp: 167518
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.1 30.1





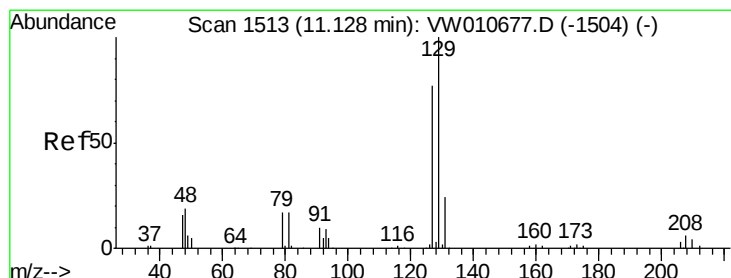
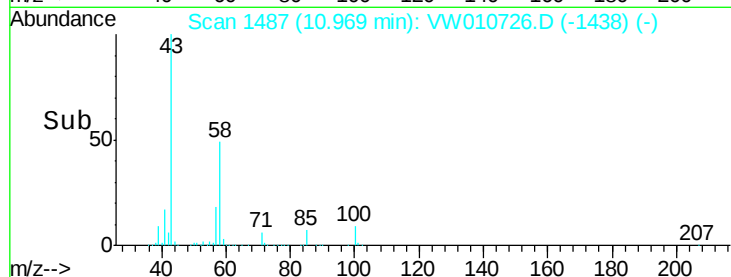
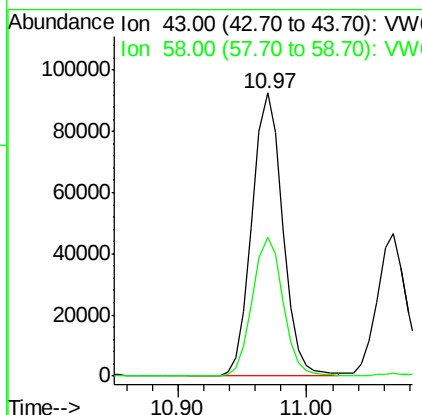
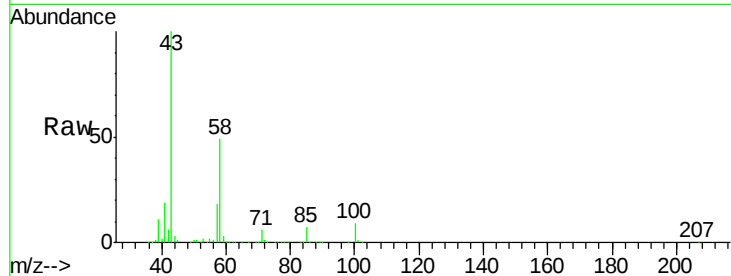
#59
2-Hexanone
Concen: 88.211 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampled :
VW0607SBS01

Tot Ion: 43 Resp: 152441
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.6

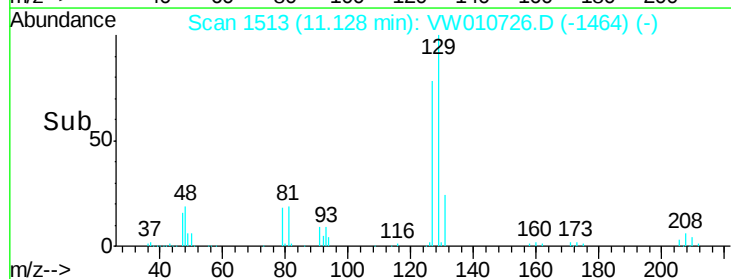
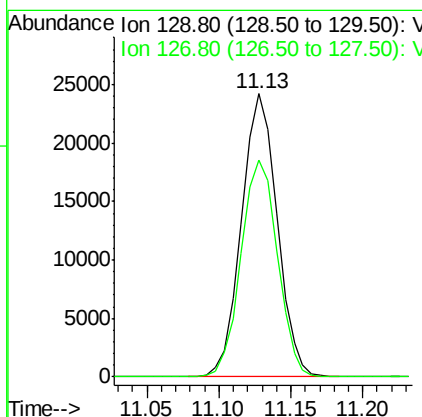
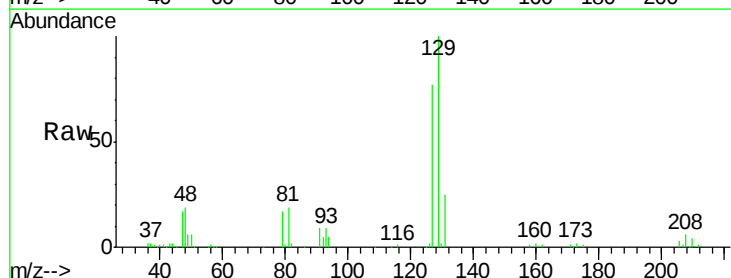
Manual Integrations
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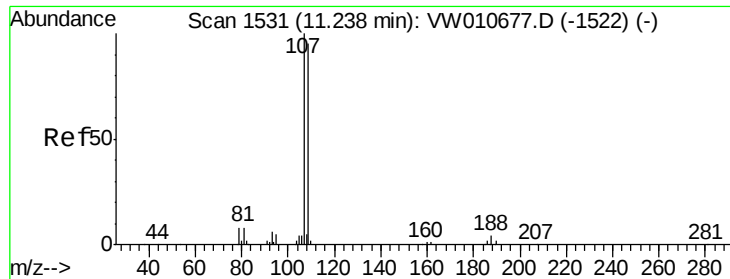
MMDadoda
6/10/2019 12:24:45 PM



#60
Dibromochloromethane
Concen: 17.768 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion: 129 Resp: 41610
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





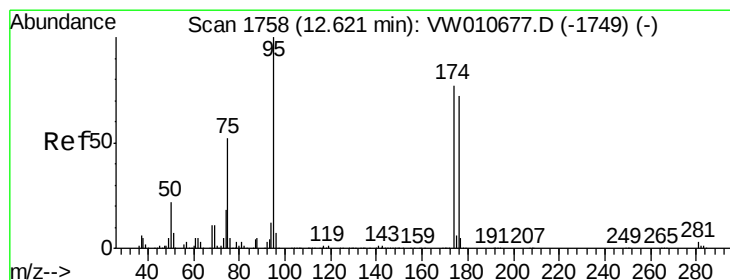
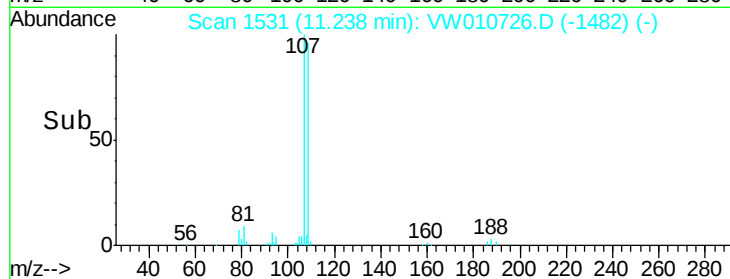
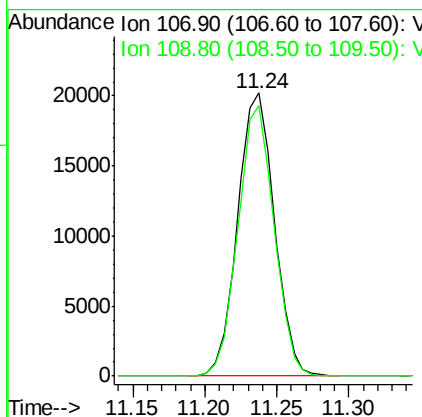
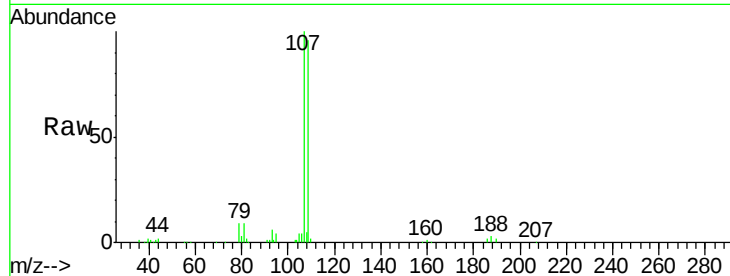
#61
 1,2-Dibromoethane
 Concen: 17.880 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.8

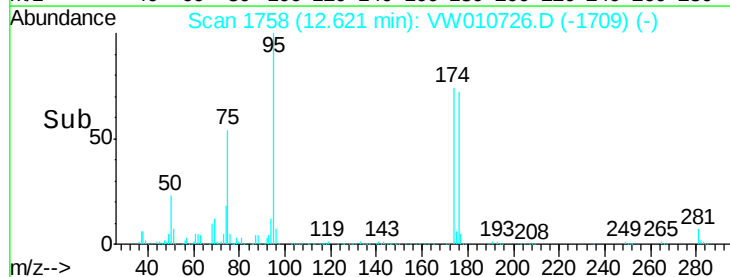
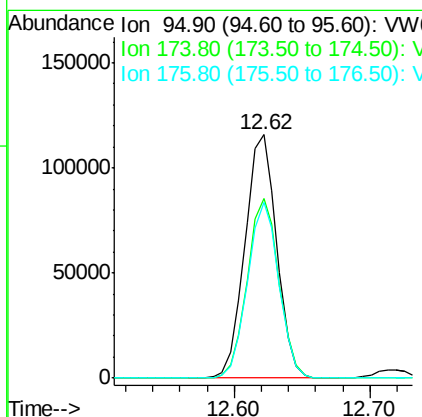
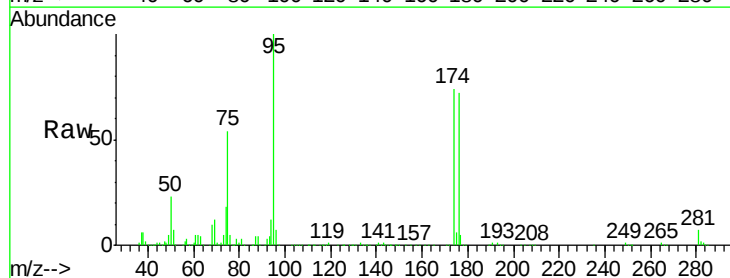
Manual Integrations
 APPROVED

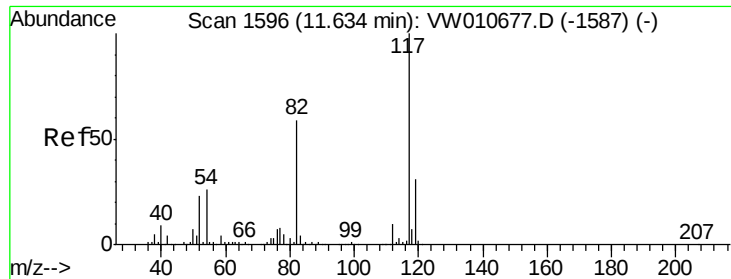
MMDadoda
 6/10/2019 12:24:45 PM



#62
 4-Bromofluorobenzene
 Concen: 51.184 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	150.4
176	71.3	0.0	144.8





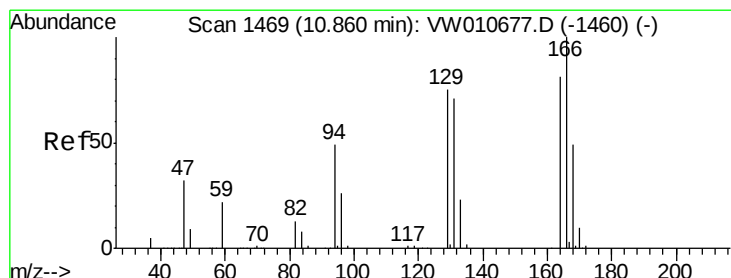
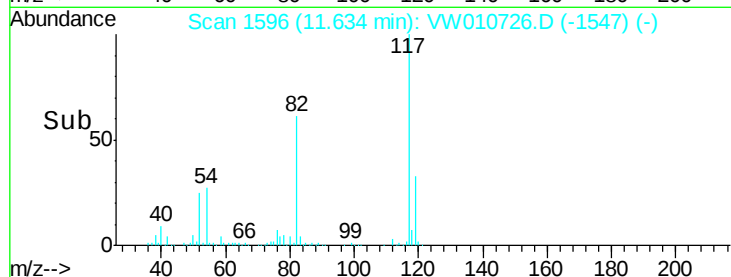
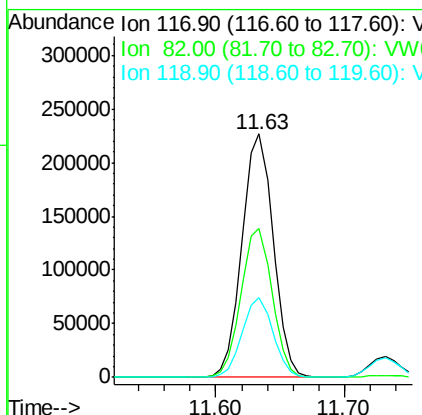
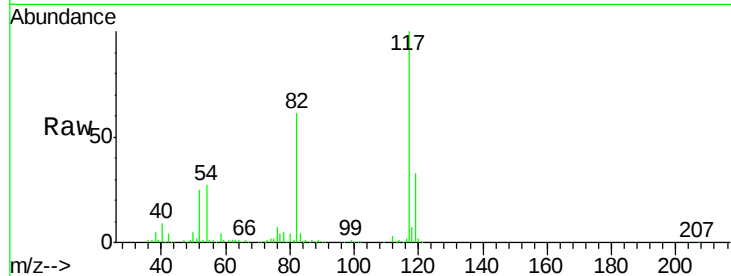
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380180		
82	61.4	47.0	70.4	
119	32.5	25.1	37.7	

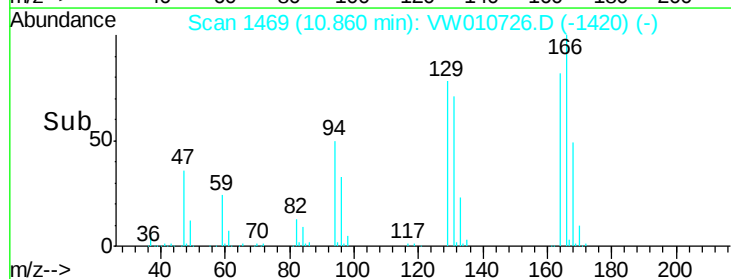
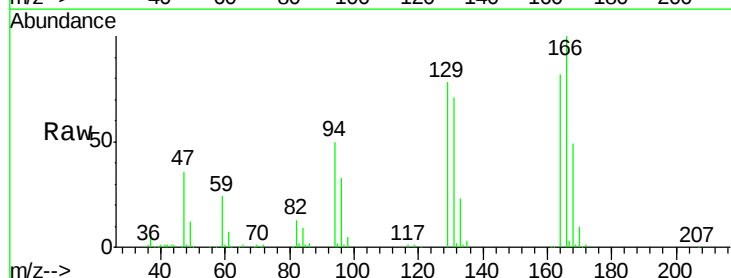
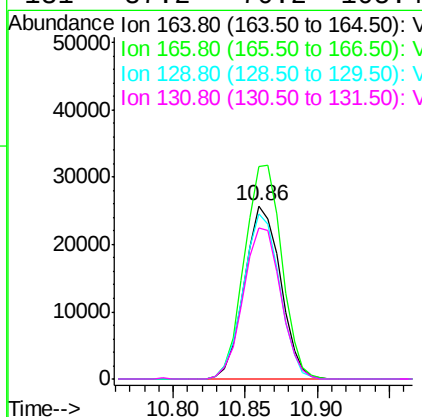
Manual Integrations
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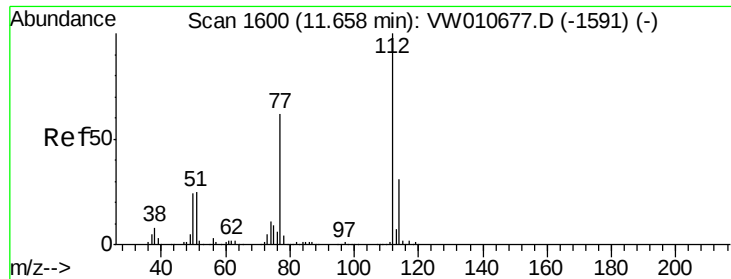
MMDadoda
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#64
Tetrachloroethene
Concen: 17.744 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44790		
166	122.4	99.2	148.8	
129	95.6	74.6	112.0	
131	87.2	70.2	105.4	





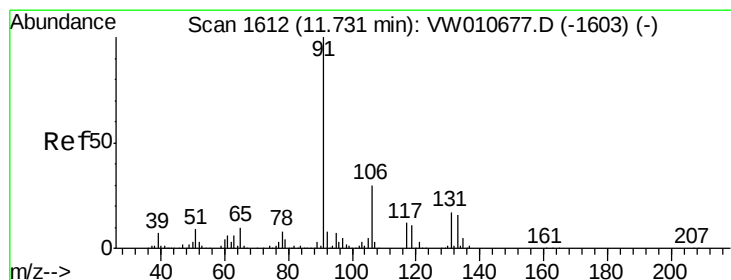
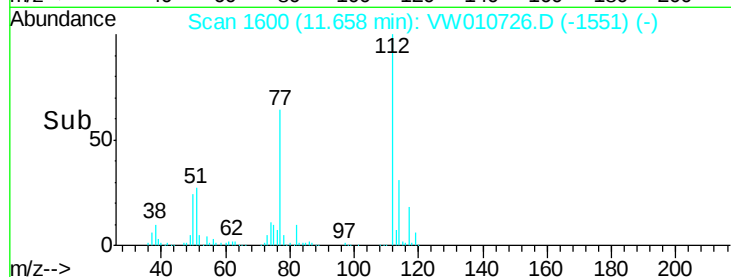
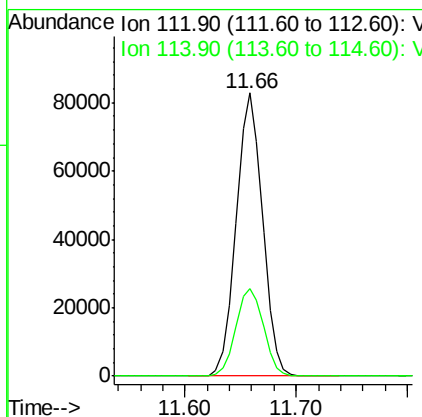
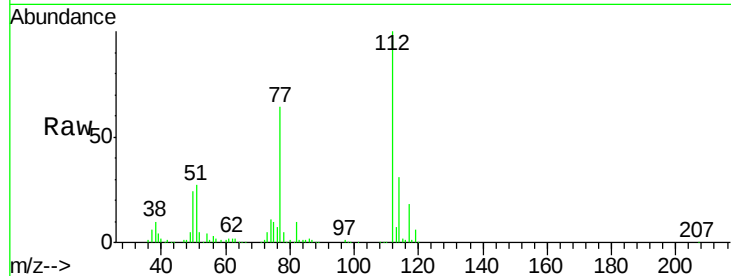
#65
Chlorobenzene
Concen: 18.146 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	24.8	37.2

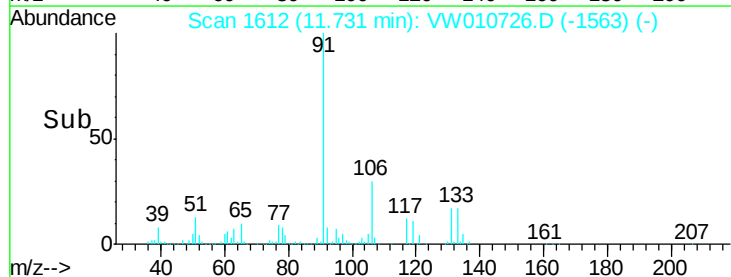
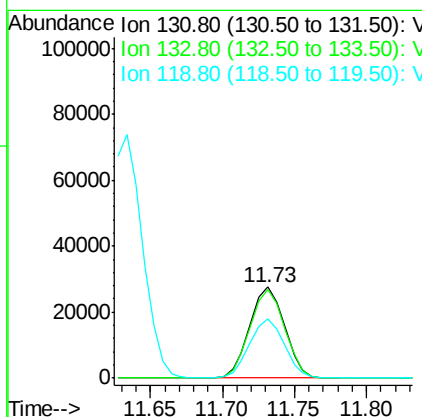
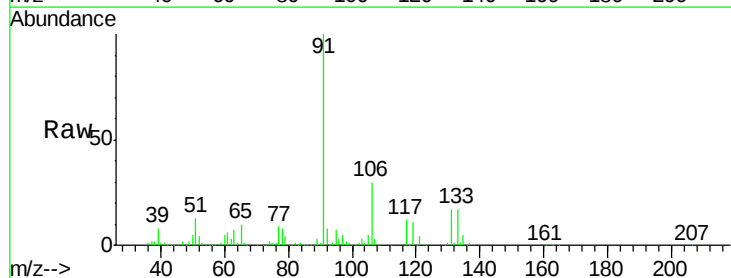
Manual Integrations
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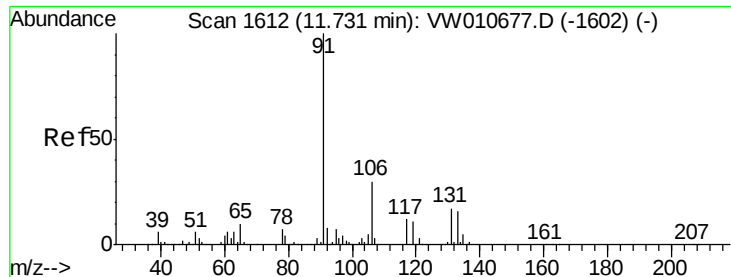
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.996 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.3	141.9
119	64.6	32.4	97.0





#67

Ethyl Benzene

Concen: 17.954 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 91 Resp: 257964

Ion Ratio Lower Upper

91 100

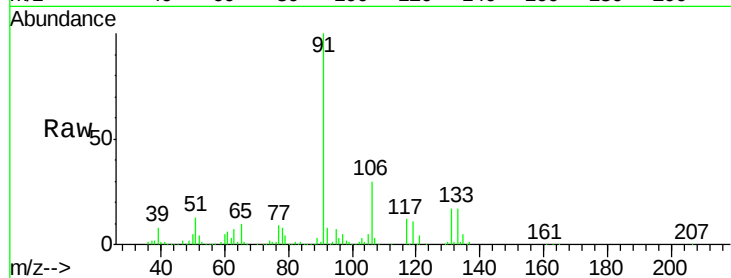
106 30.0 24.2 36.4

Manual Integrations

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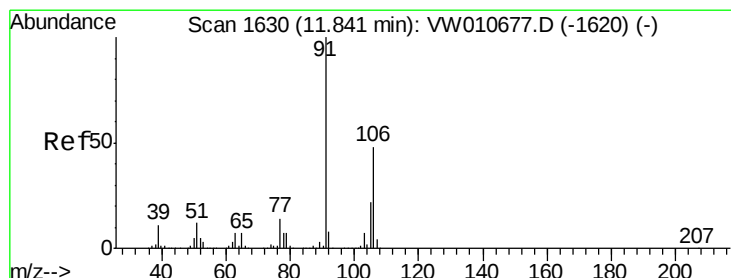
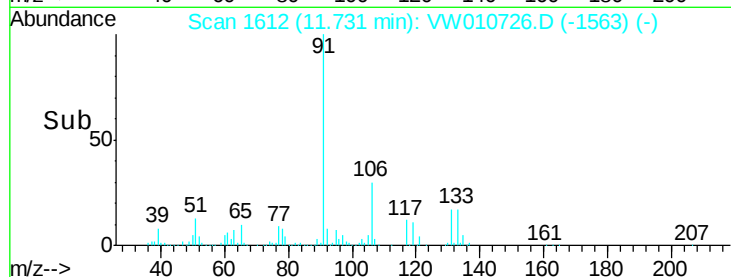
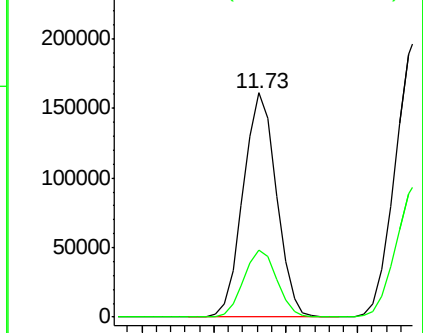
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.796 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010726.D

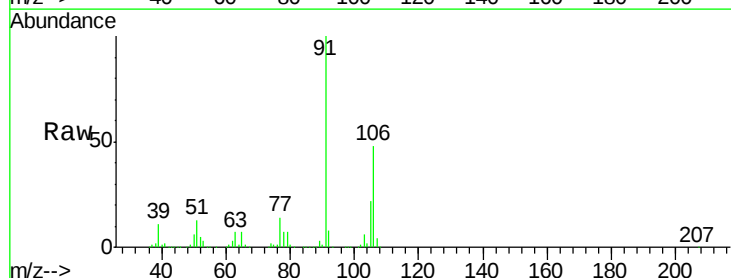
Acq: 07 Jun 2019 13:57

Tgt Ion: 106 Resp: 184114

Ion Ratio Lower Upper

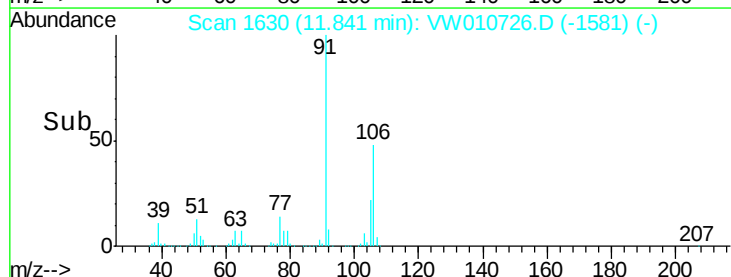
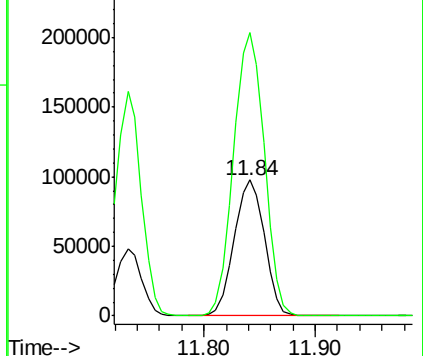
106 100

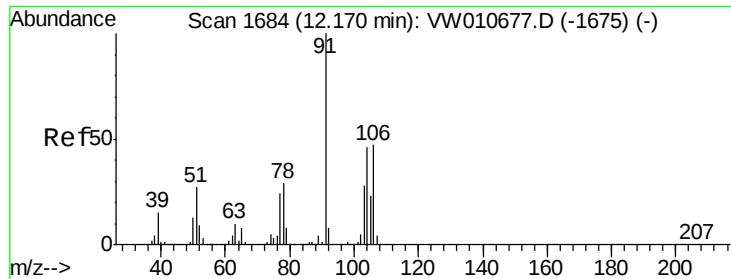
91 211.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





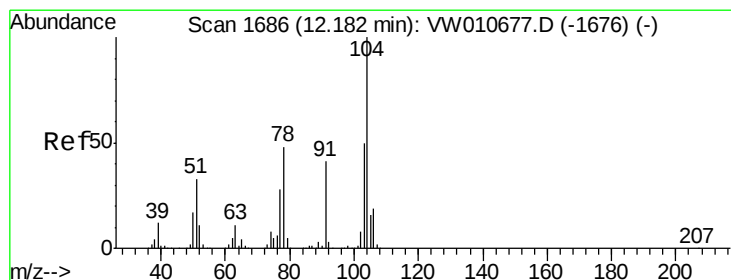
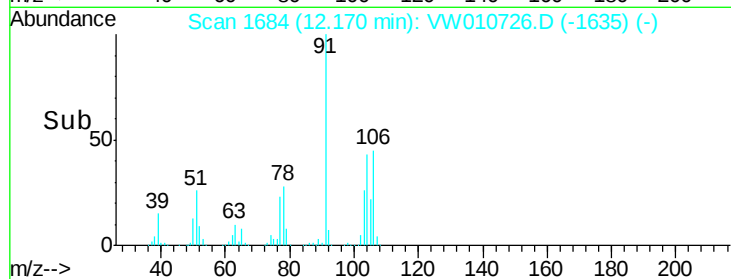
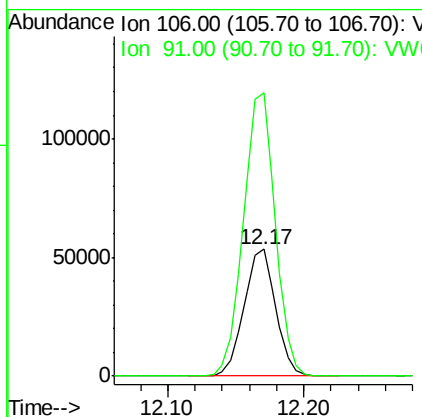
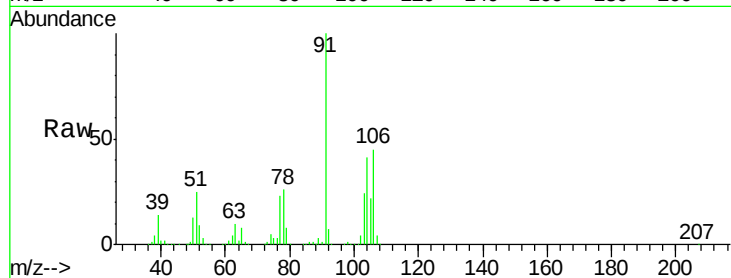
#69
o-Xylene
Concen: 17.824 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampled :
VW0607SBS01

Tot Ion:106 Resp: 86947
Ion Ratio Lower Upper
106 100
91 224.5 108.9 326.6

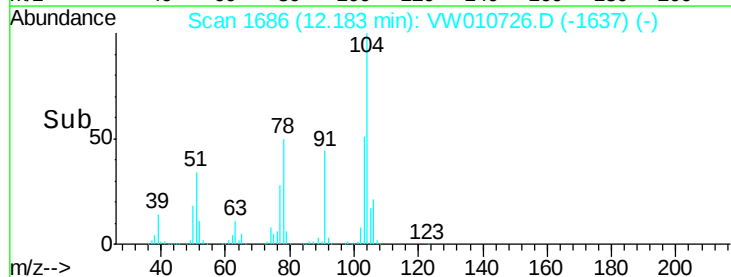
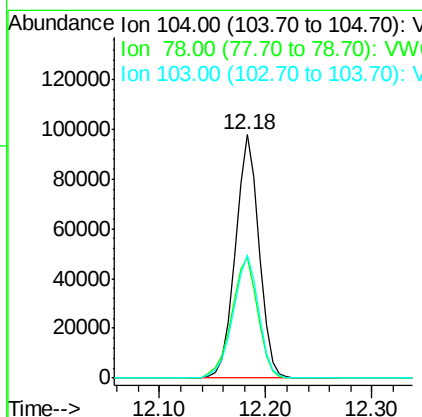
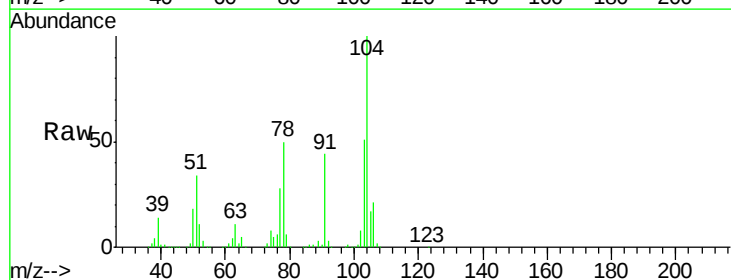
Manual Integrations
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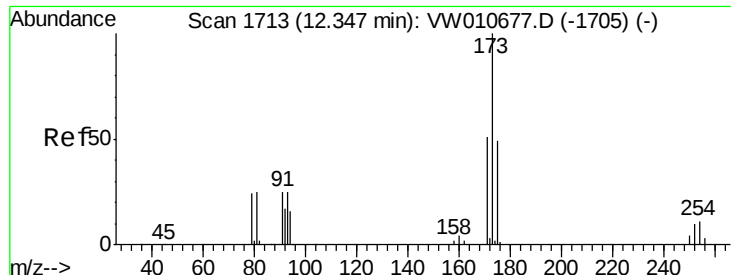
MMDadoda
6/10/2019 12:24:45 PM



#70
Styrene
Concen: 18.003 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion:104 Resp: 152560
Ion Ratio Lower Upper
104 100
78 54.6 42.7 64.1
103 54.6 43.6 65.4





#71

Bromoform

Concen: 17.256 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion:173 Resp: 23097

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

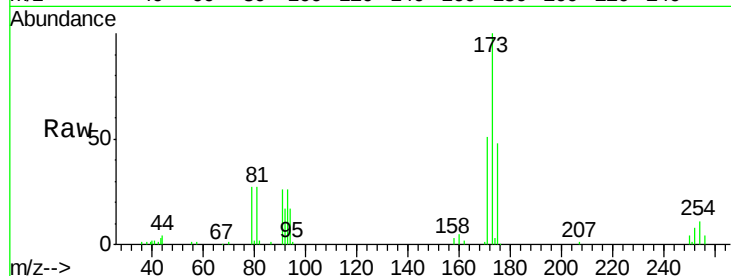
254 0.0 0.1 0.1#

Manual Integrations

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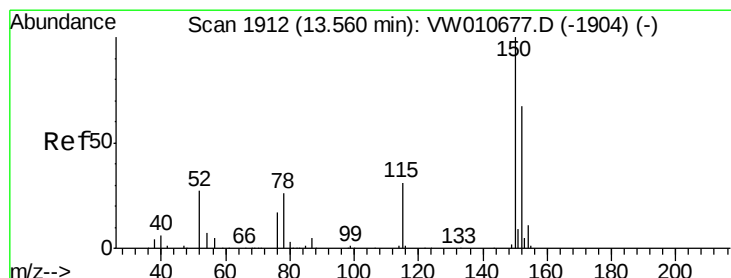
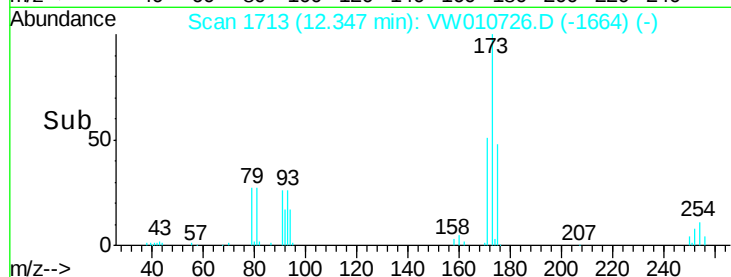
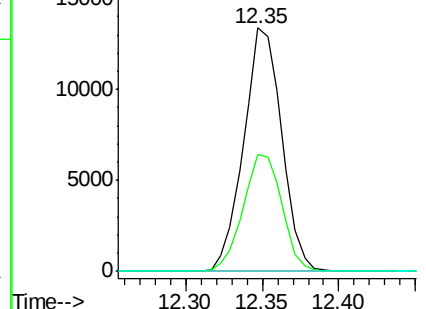
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

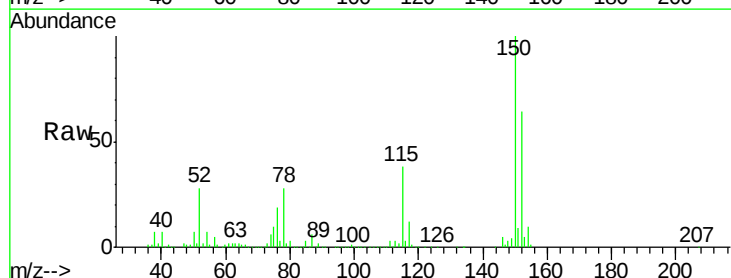
Tgt Ion:152 Resp: 182122

Ion Ratio Lower Upper

152 100

115 61.0 29.8 89.3

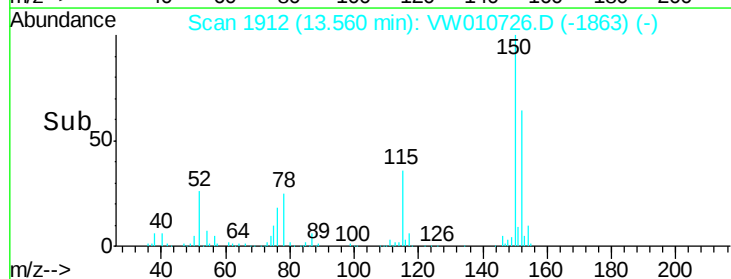
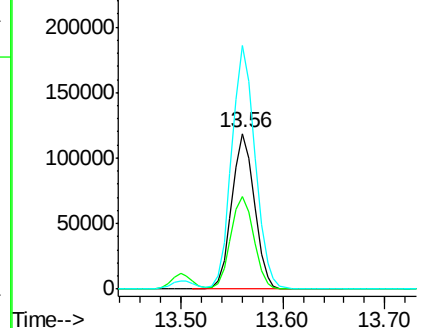
150 161.9 0.0 345.0

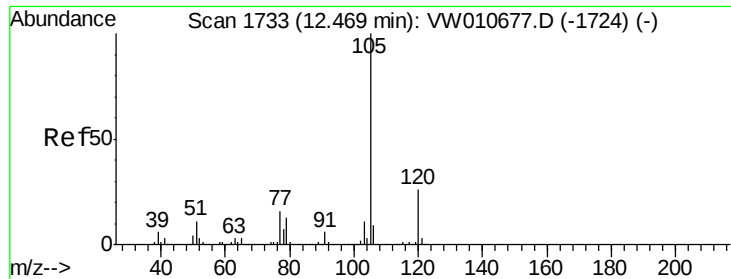


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.913 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampled :

VW0607SBS01

Tot Ion: 105 Resp: 245152

Ion Ratio Lower Upper

105 100

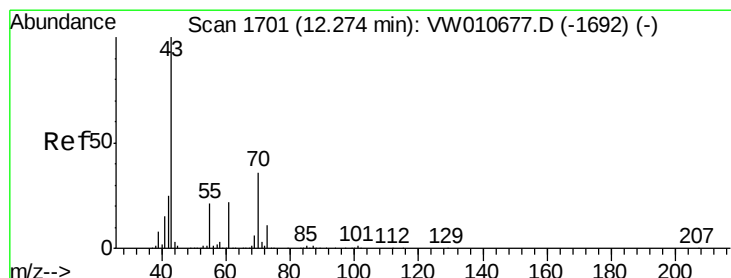
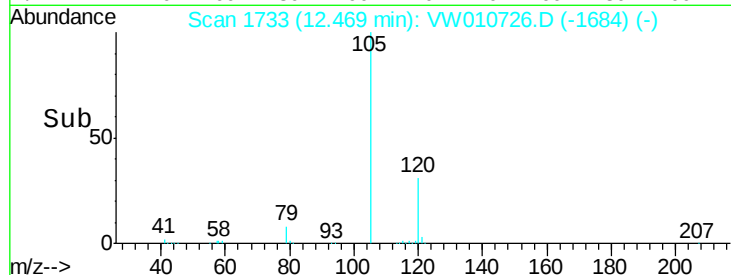
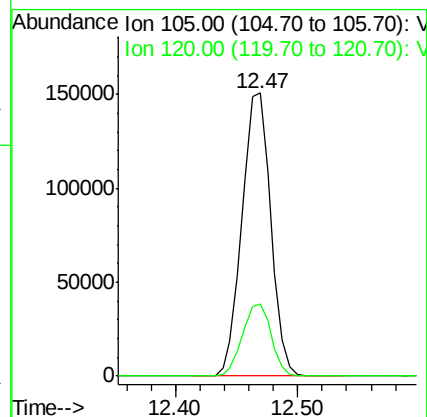
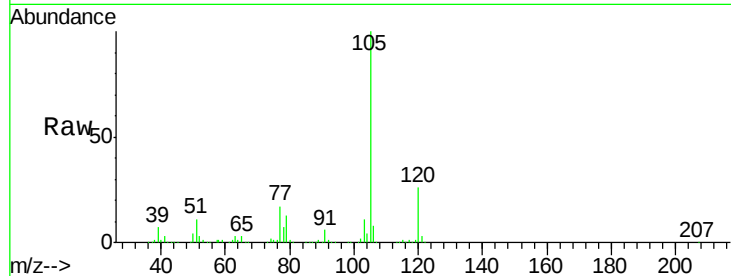
120 25.6 13.1 39.1

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#74

N-ethyl acetate

Concen: 18.222 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion: 43 Resp: 80597

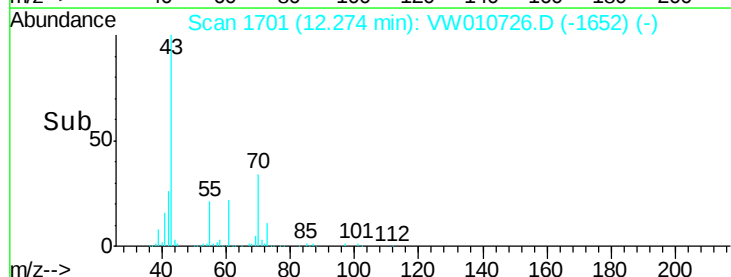
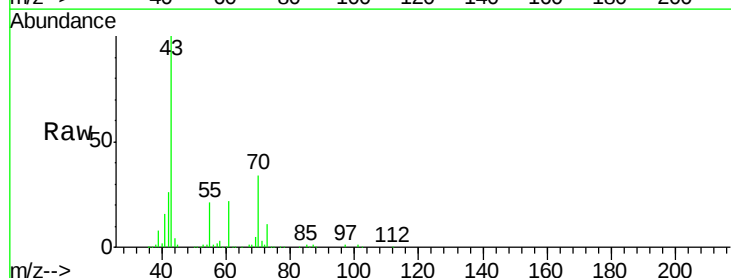
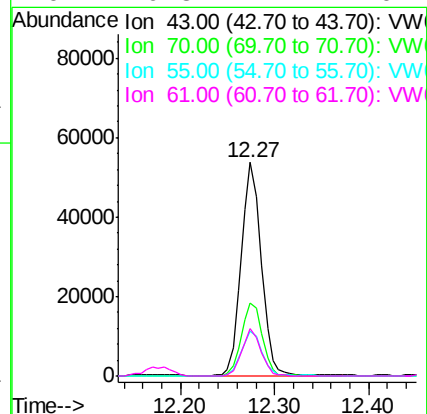
Ion Ratio Lower Upper

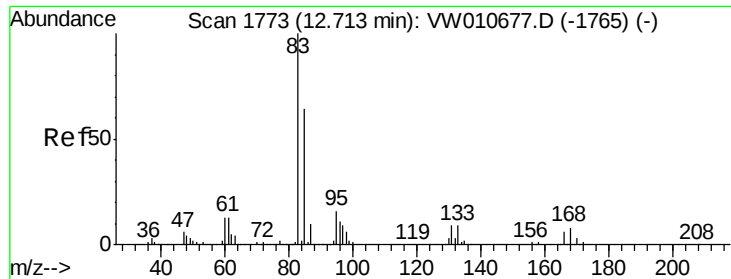
43 100

70 35.4 29.2 43.8

55 21.4 17.5 26.3

61 20.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.398 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

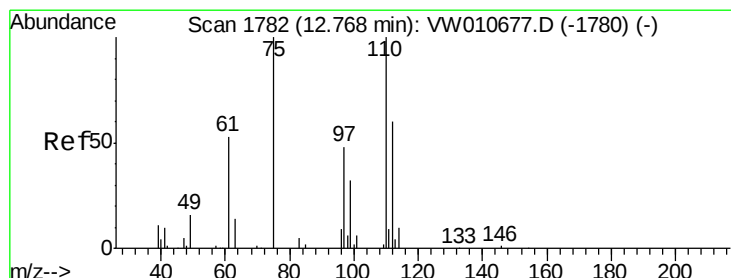
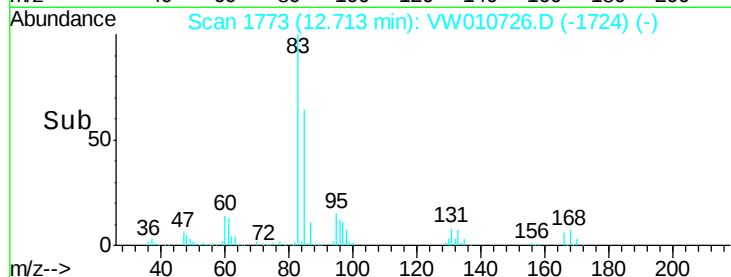
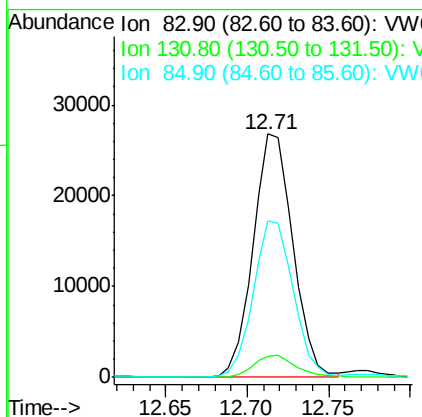
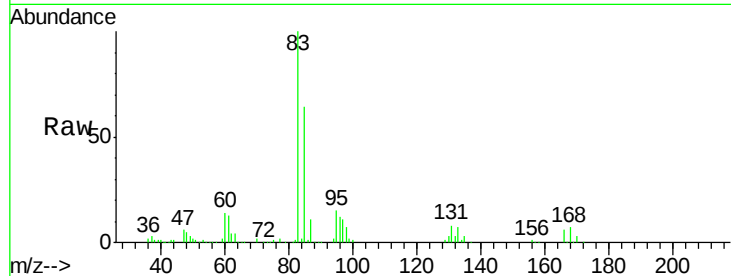
ClientSampleId :

VW0607SBS01

Tot Ion:	83	Resp:	45328
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.990 ug/l m

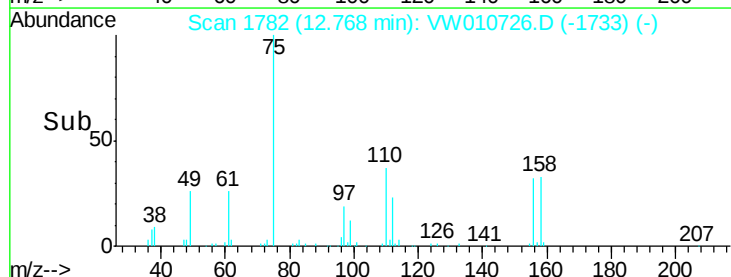
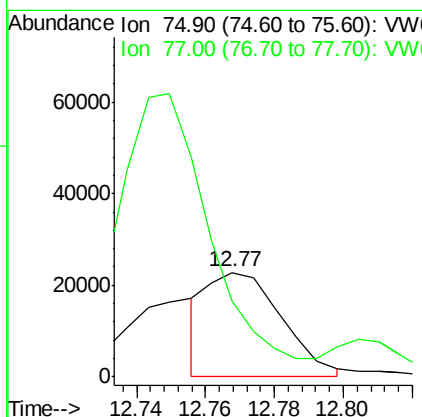
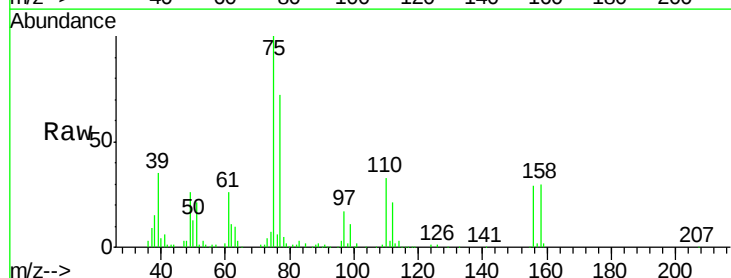
RT: 12.77 min Scan# 1782

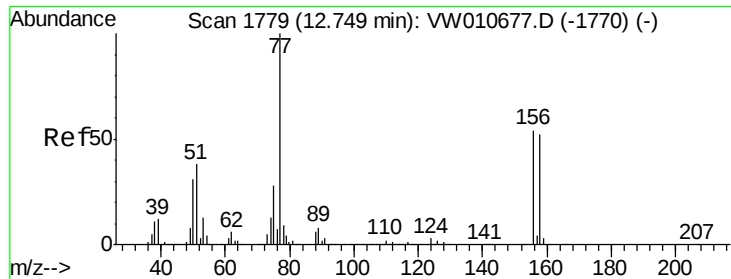
Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion:	75	Resp:	34406
Ion Ratio	Lower	Upper	
75	100		
77	339.0	0.0	0.0#





#77

Bromobenzene

Concen: 18.169 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion:156 Resp: 54278

Ion Ratio Lower Upper

156 100

77 214.9 106.5 319.4

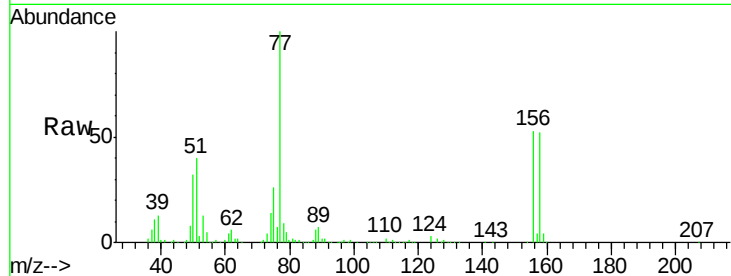
158 97.6 48.3 144.9

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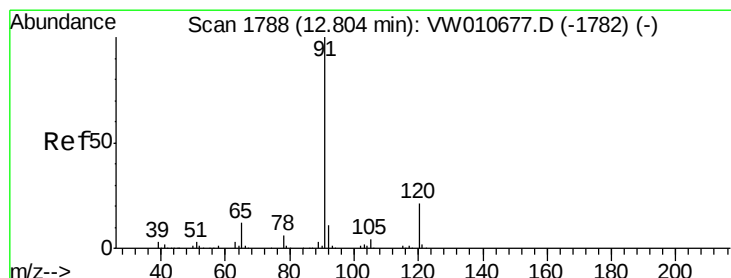
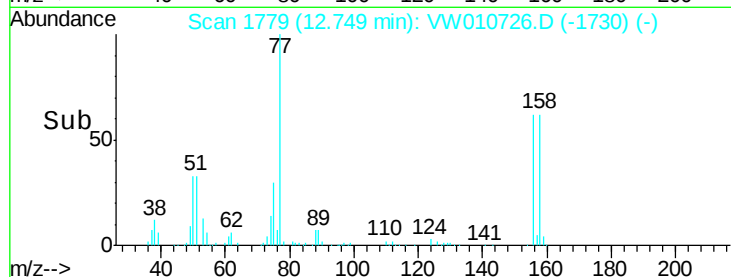
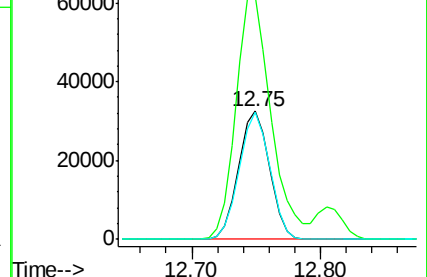
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.953 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010726.D

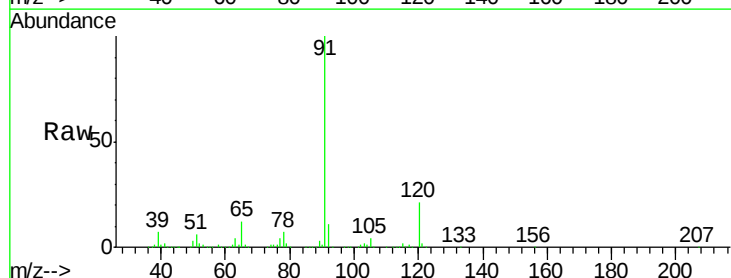
Acq: 07 Jun 2019 13:57

Tgt Ion: 91 Resp: 296266

Ion Ratio Lower Upper

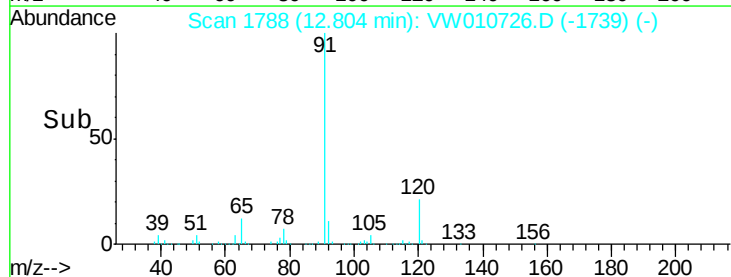
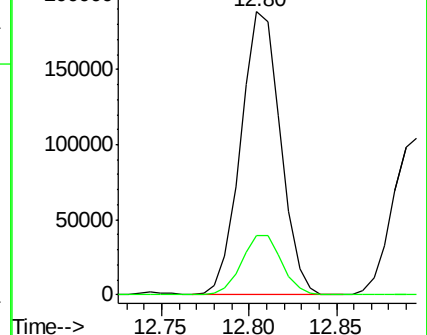
91 100

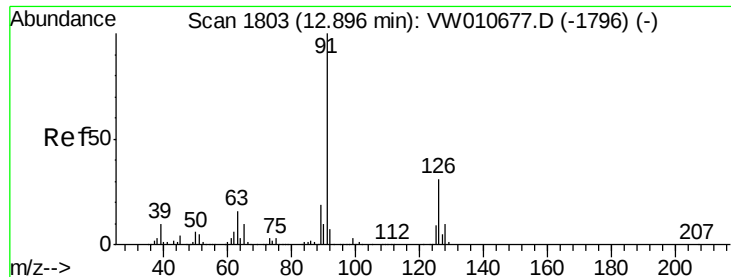
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.976 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 91 Resp: 169480

Ion Ratio Lower Upper

91 100

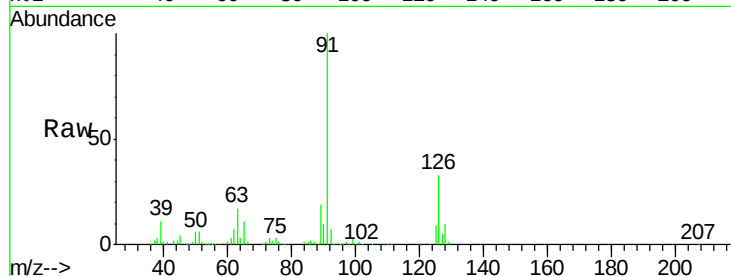
126 32.0 15.7 47.0

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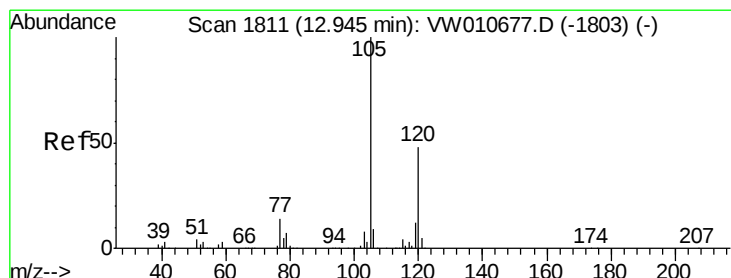
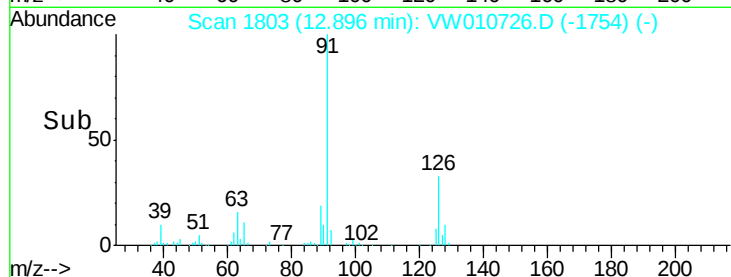
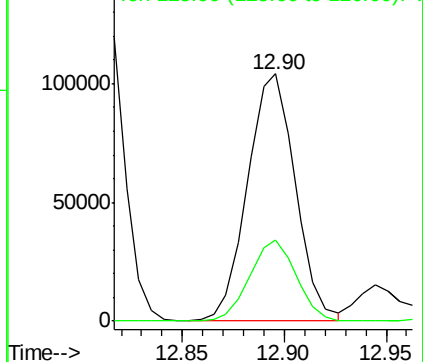
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.953 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010726.D

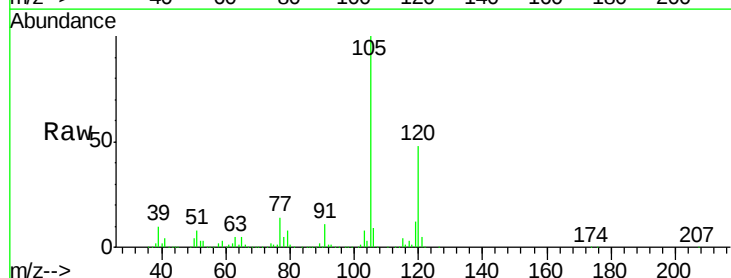
Acq: 07 Jun 2019 13:57

Tgt Ion: 105 Resp: 201106

Ion Ratio Lower Upper

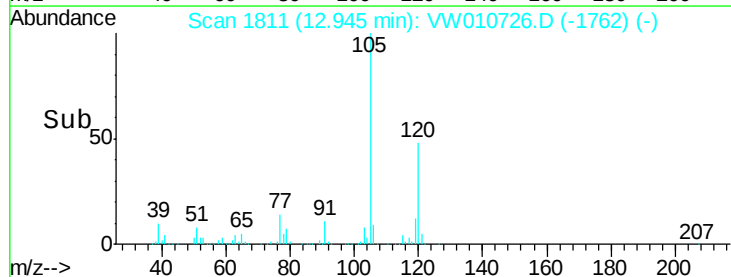
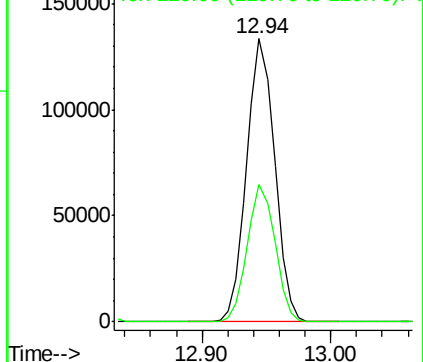
105 100

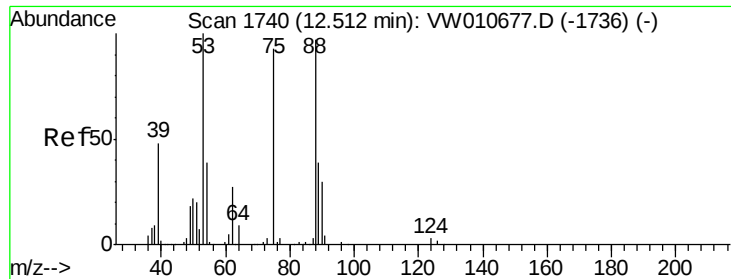
120 48.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





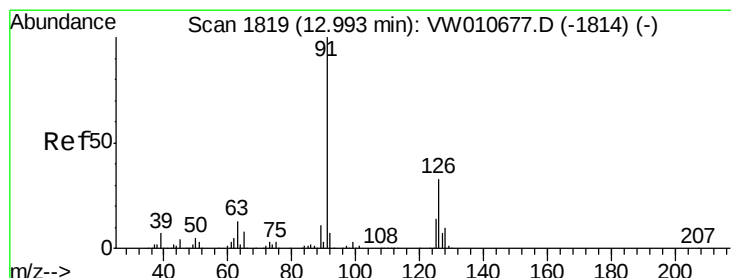
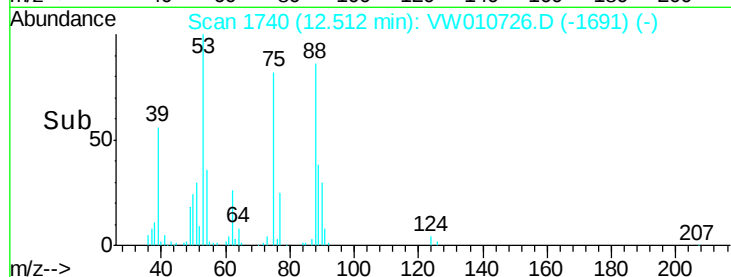
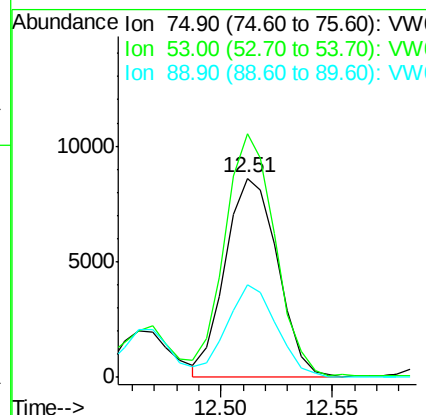
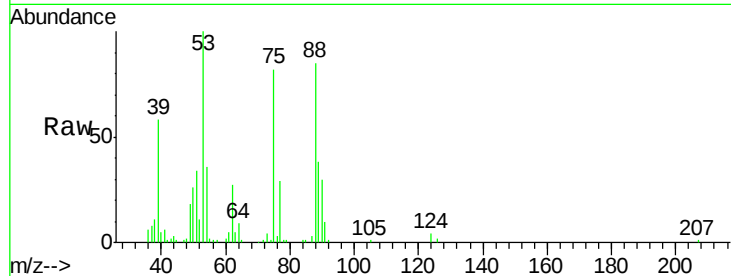
#81
trans-1,4-Dichloro-2-butene
Concen: 16.885 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.1	90.1	135.1
89	44.4	34.6	52.0

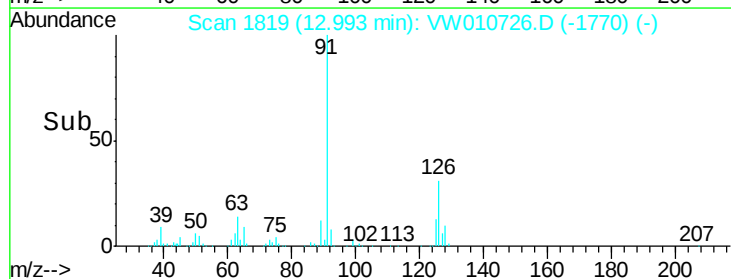
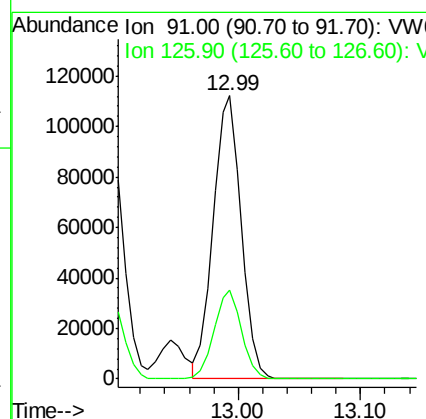
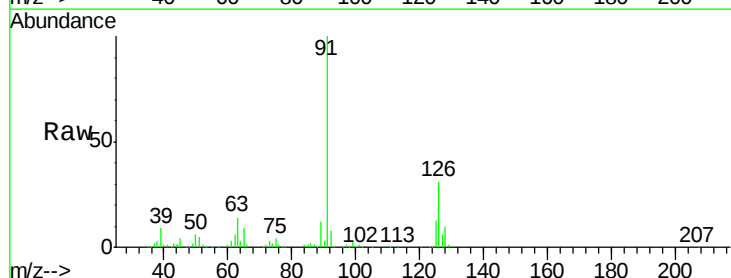
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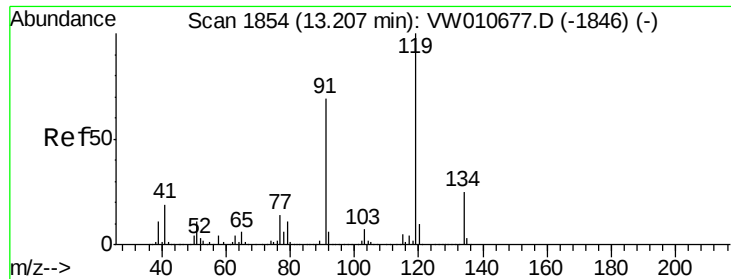
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#82
4-Chlorotoluene
Concen: 18.343 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.9	47.7





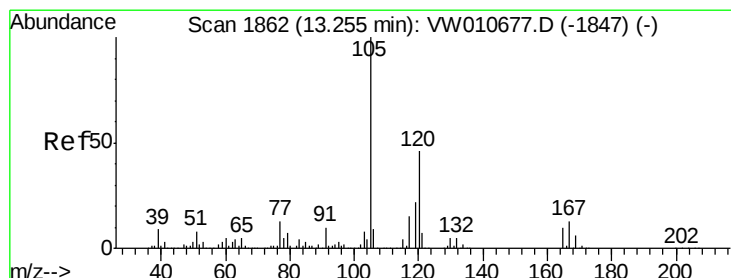
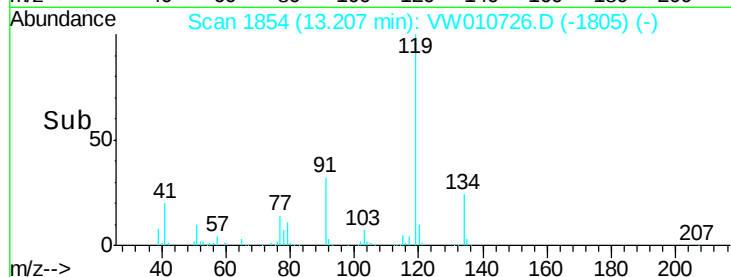
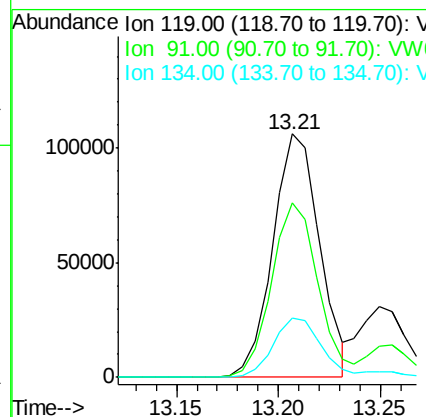
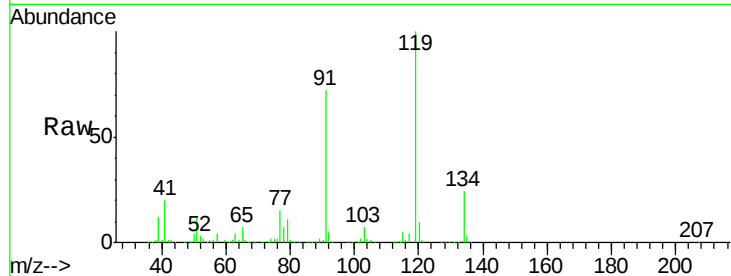
#83
tert-Butylbenzene
Concen: 17.867 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169862		
91	71.6	35.1	105.3	
134	24.9	13.6	40.7	

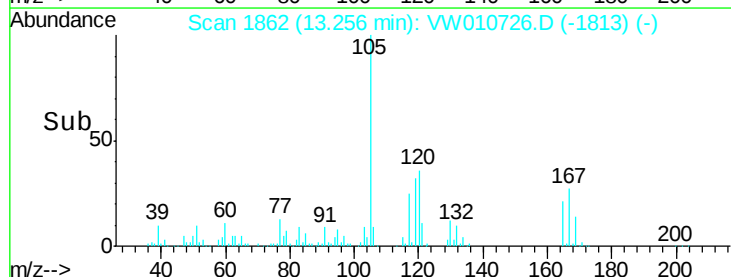
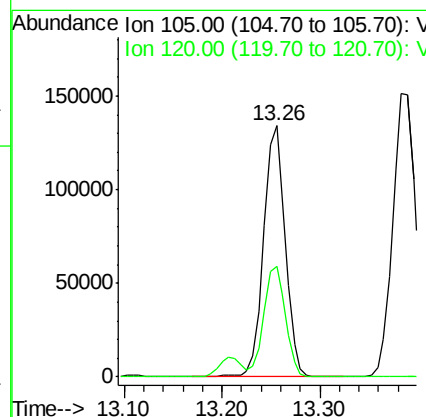
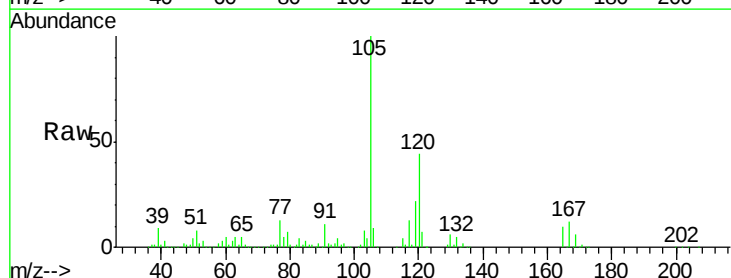
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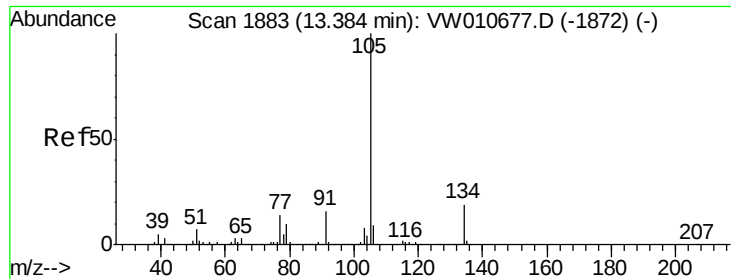
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.219 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205379		
120	44.3	22.5	67.5	





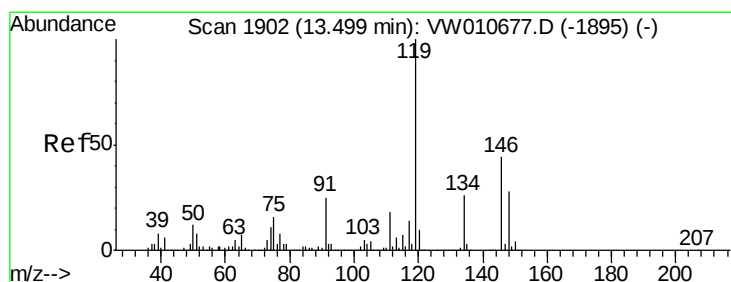
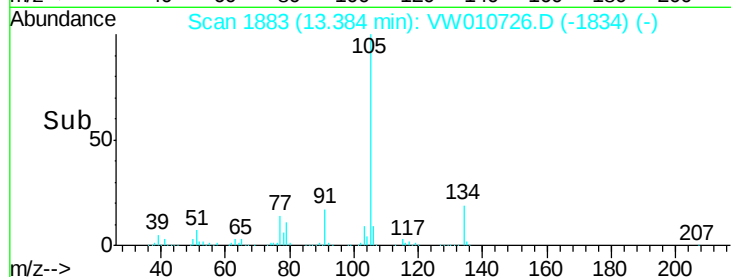
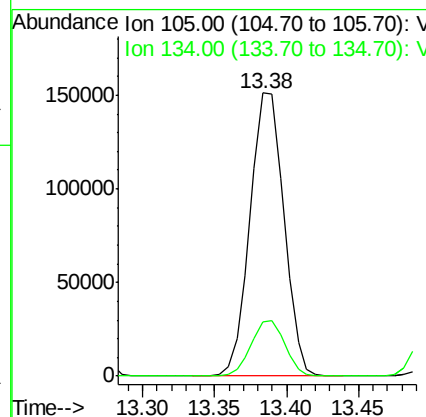
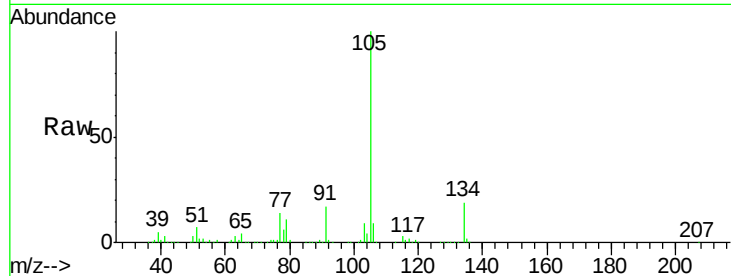
#85
 sec-Butylbenzene
 Concen: 17.777 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9

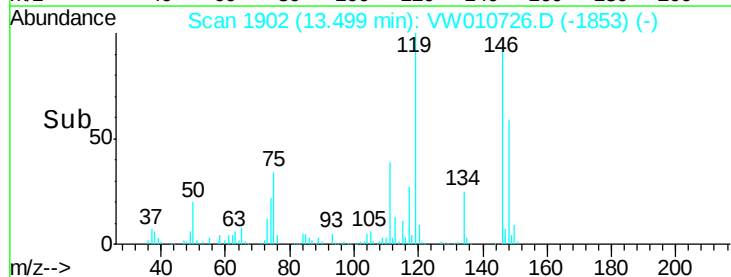
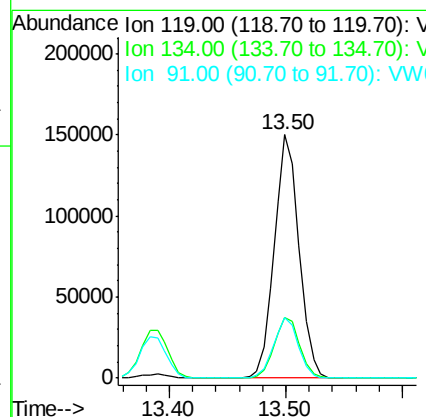
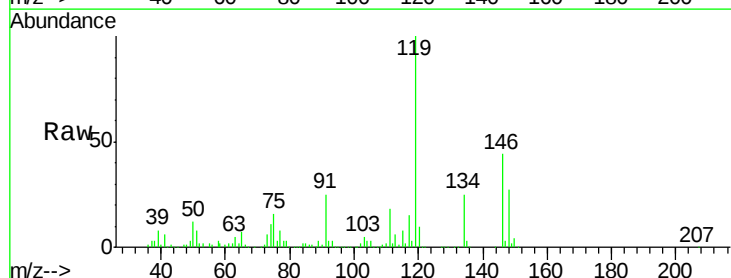
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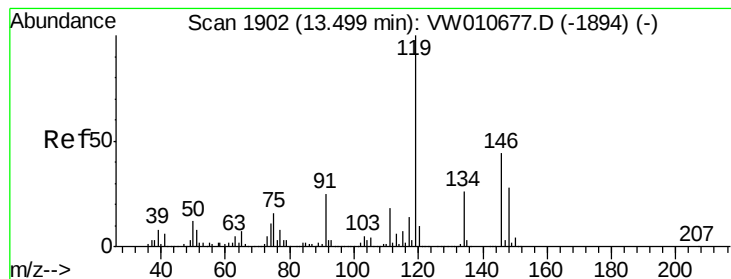
MMDadoda
 6/10/2019 12:24:45 PM



#86
 p-Isopropyltoluene
 Concen: 17.864 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	24.7	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 18.199 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

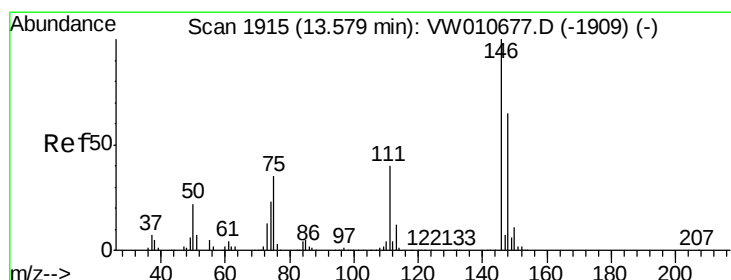
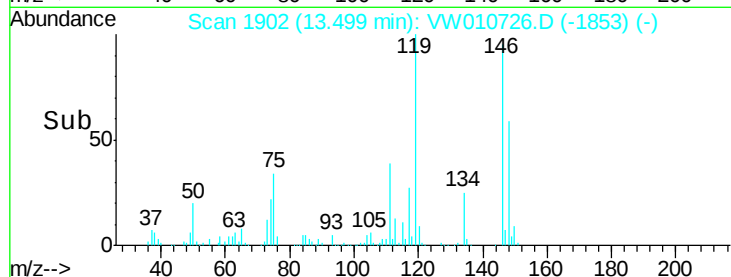
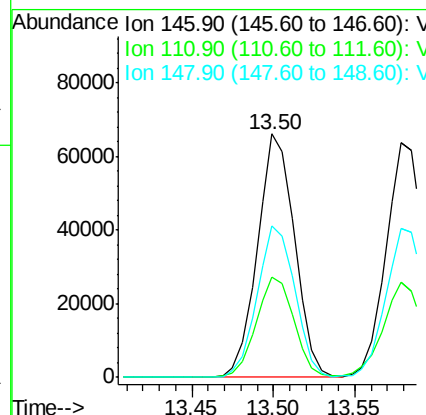
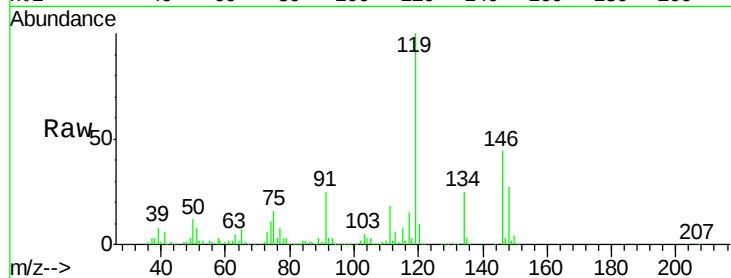
ClientSampleId :

VW0607SBS01

Tot Ion:	146	Resp:	104847
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.4	61.3
148	63.1	31.5	94.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.212 ug/l

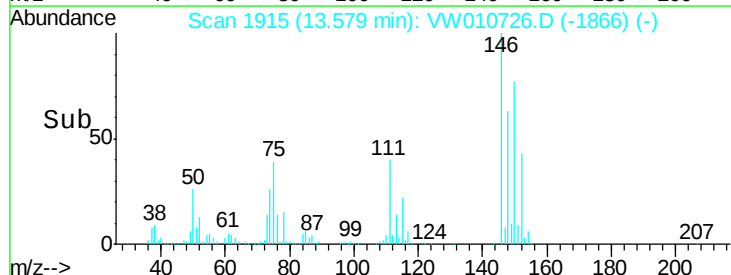
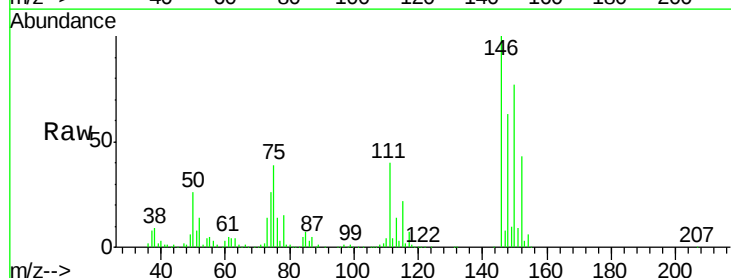
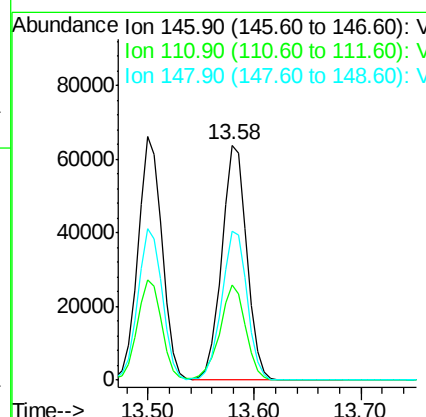
RT: 13.58 min Scan# 1915

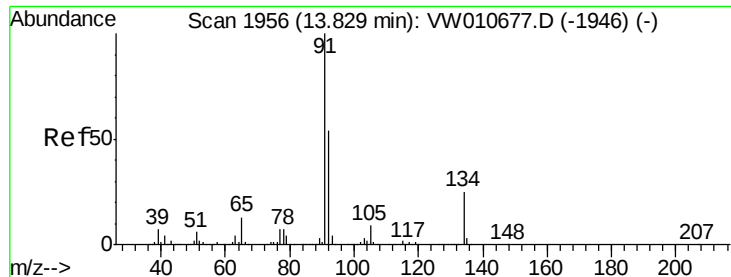
Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion:	146	Resp:	104018
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.3	60.9
148	64.6	32.4	97.2





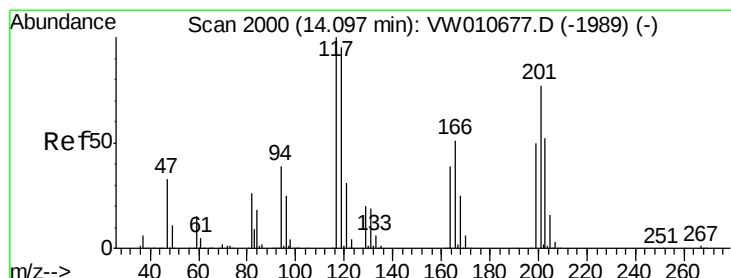
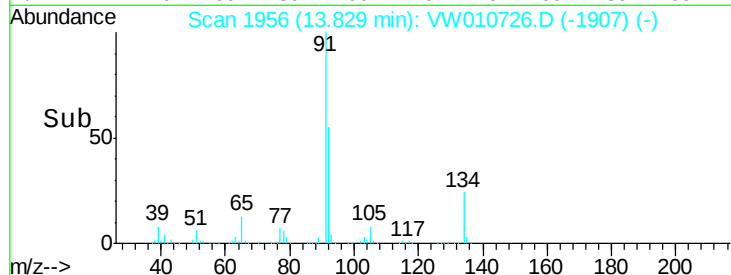
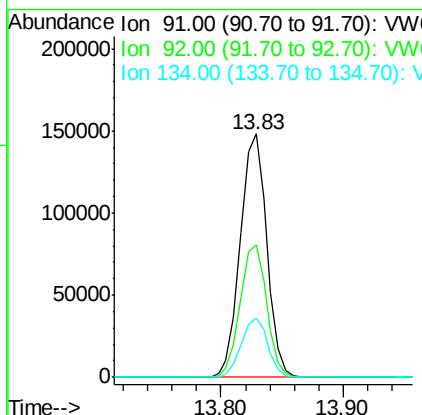
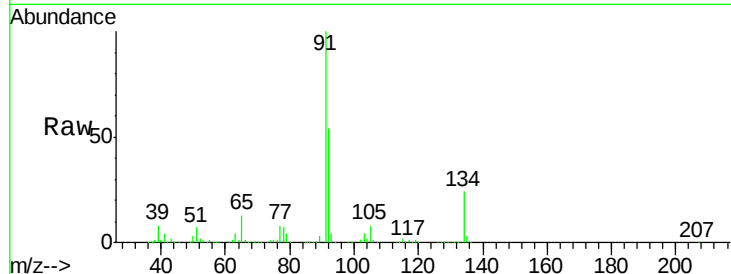
#89
n-Butylbenzene
Concen: 17.954 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	221731		
92	54.8	27.3	81.8	
134	24.3	12.3	36.9	

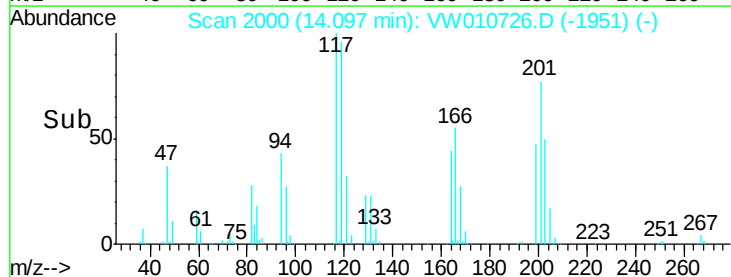
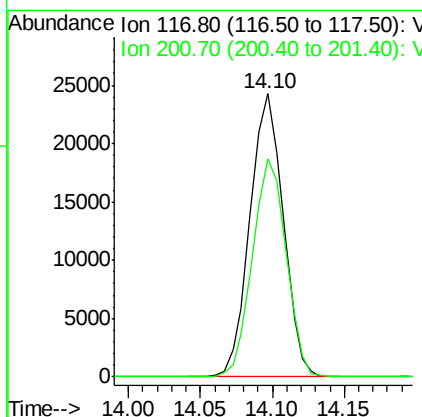
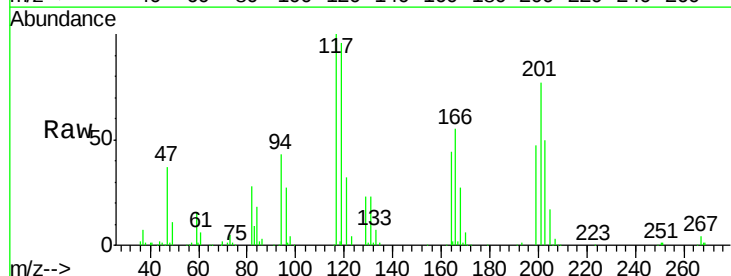
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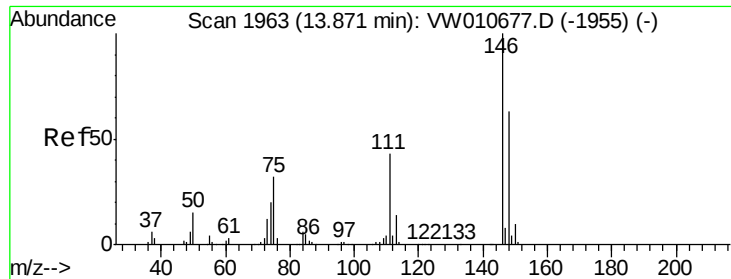
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#90
Hexachloroethane
Concen: 17.523 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010726.D
Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38843		
201	77.8	38.8	116.4	





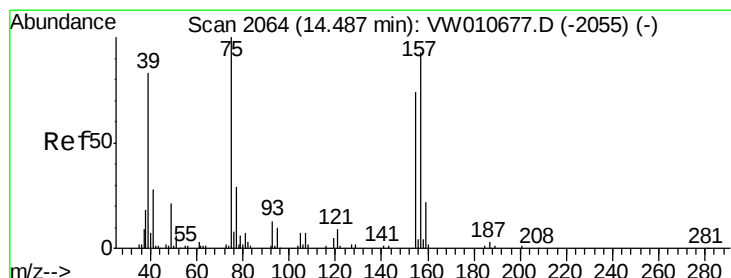
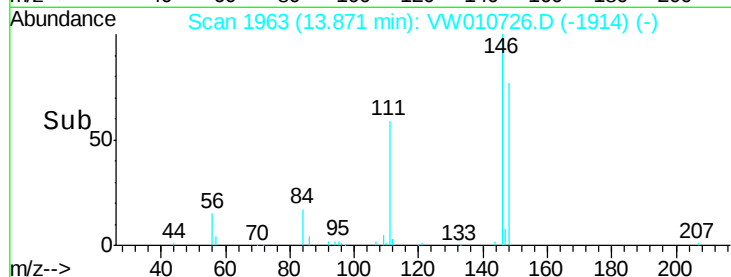
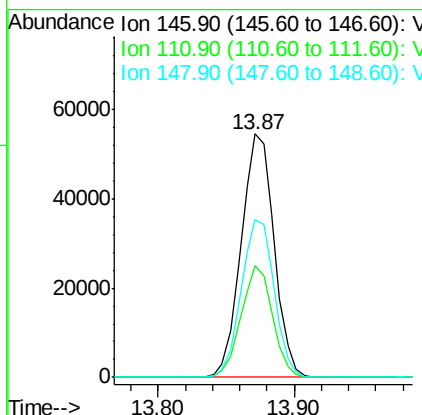
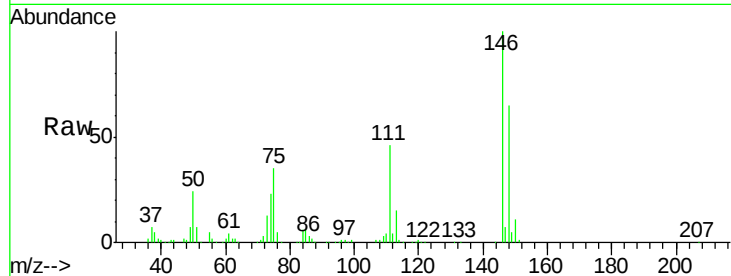
#91
 1,2-Dichlorobenzene
 Concen: 17.791 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.5	64.5
148	65.0	31.9	95.5

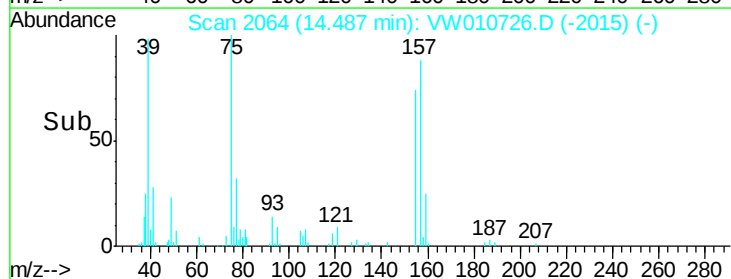
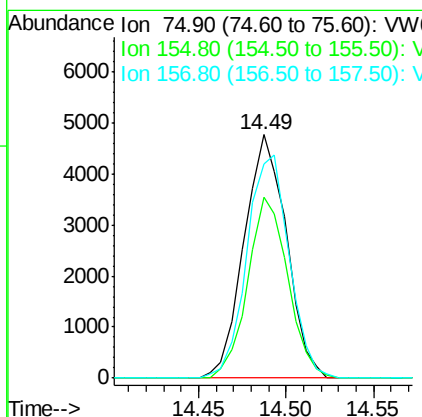
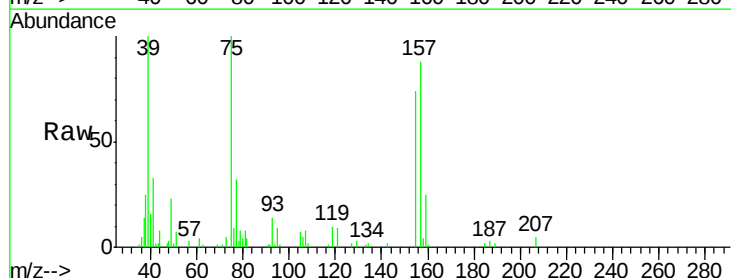
Manual Integrations
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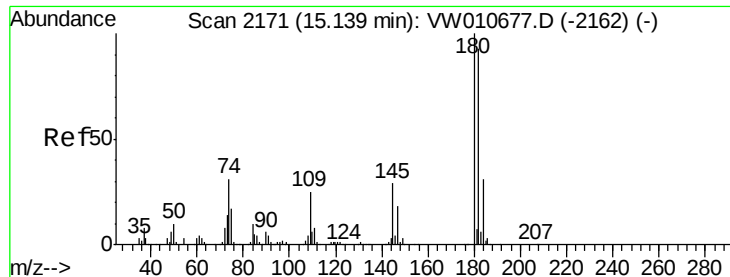
MMDadoda
 6/10/2019 12:24:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.955 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.5	38.8	116.4
157	91.7	48.4	145.0





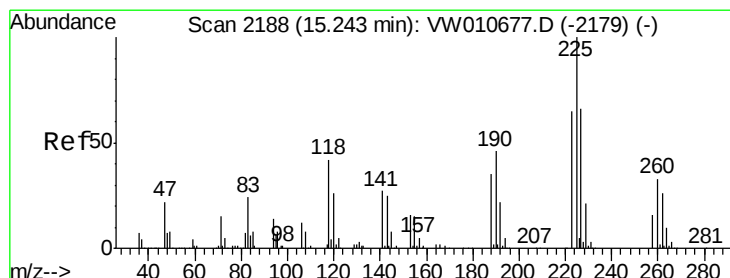
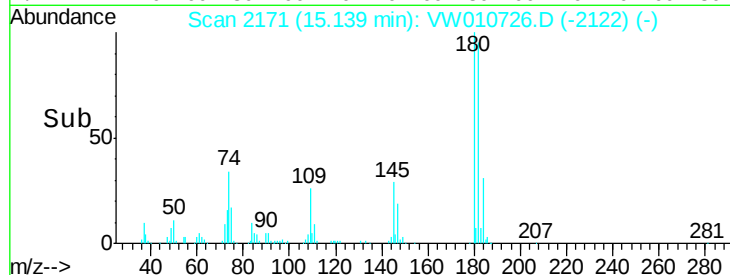
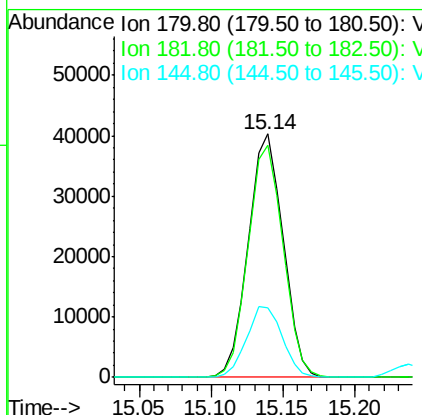
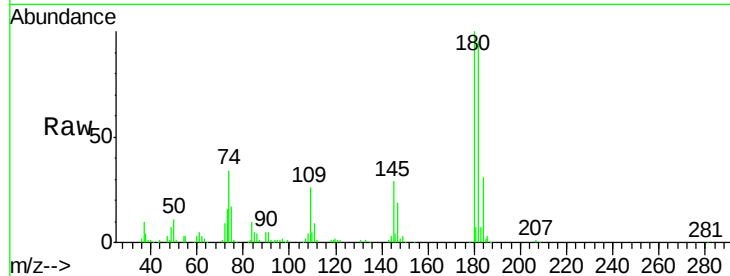
#93
 1,2,4-Trichlorobenzene
 Concen: 18.492 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.1	141.4
145	30.1	15.2	45.5

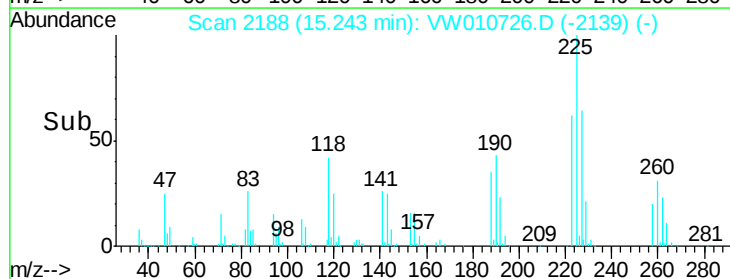
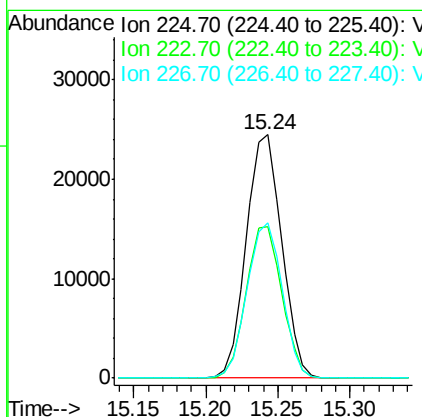
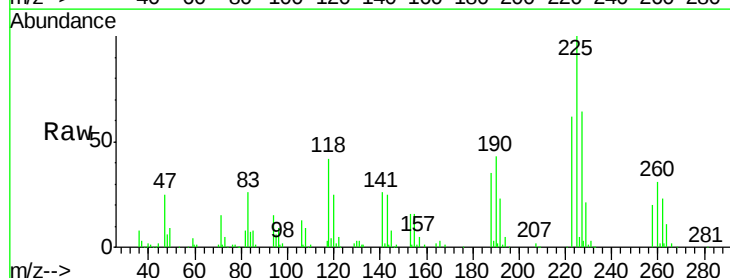
Manual Integrations
 APPROVED

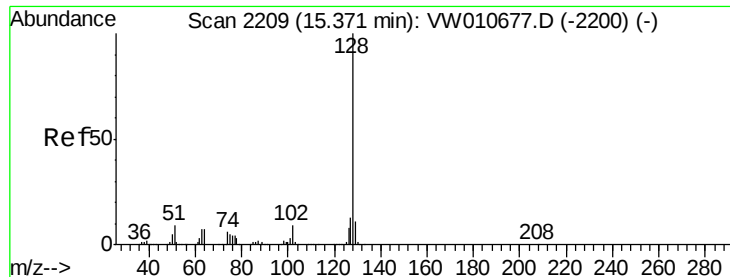
MMDadoda
 6/10/2019 12:24:45 PM



#94
 Hexachlorobutadiene
 Concen: 18.269 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010726.D
 Acq: 07 Jun 2019 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.2	96.6
227	63.4	32.0	96.0





#95

Naphthalene

Concen: 17.338 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Instrument :

MSVOA_W

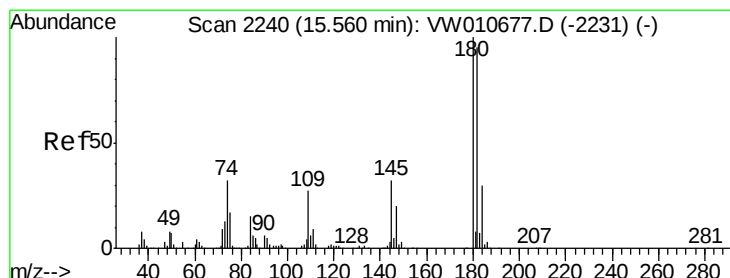
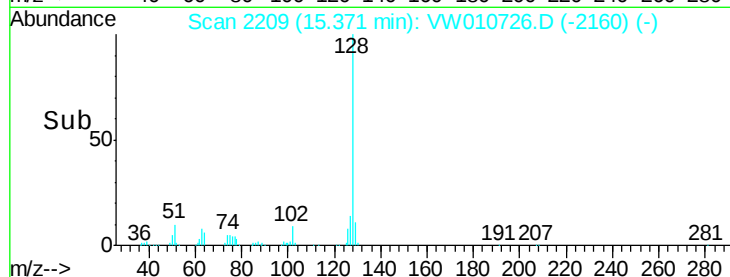
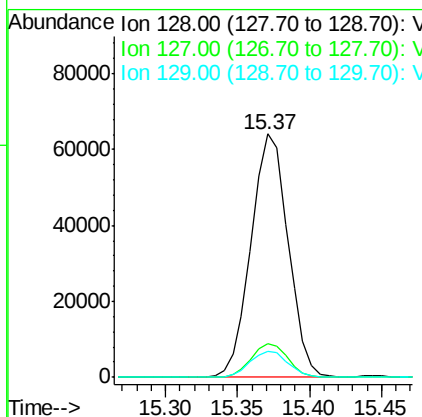
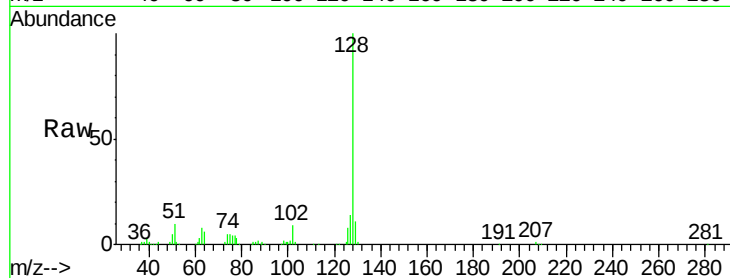
ClientSampleId :

VW0607SBS01

Tot Ion:	128	Resp:	114528
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
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6/10/2019 12:24:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.482 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010726.D

Acq: 07 Jun 2019 13:57

Tgt Ion:	180	Resp:	57145
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.0	141.0
145	32.3	16.1	48.3

