

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060719\
 Data File : VW010725.D
 Acq On : 07 Jun 2019 13:30
 Operator : SY/VA
 Sample : VW0607SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 12:24:41 PM

Quant Time: Jun 08 03:33:37 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	246908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	145661	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	7.88	113	111053	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.32	98	463772	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.62	95	171069	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	45438	19.914	ug/l	97
3) Chloromethane	2.21	50	66691	19.867	ug/l	99
4) Vinyl Chloride	2.35	62	59963	19.333	ug/l	98
5) Bromomethane	2.74	94	38629	22.680	ug/l	96
6) Chloroethane	2.90	64	36633	19.677	ug/l	100
7) Trichlorofluoromethane	3.25	101	81757	20.307	ug/l	98
8) Diethyl Ether	3.68	74	28770	19.996	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49637	20.053	ug/l	99
10) Methyl Iodide	4.27	142	30549	15.629	ug/l	98
11) Tert butyl alcohol	5.17	59	23400	98.697	ug/l	98
12) 1,1-Dichloroethene	4.03	96	46554	19.497	ug/l	97
13) Acrolein	3.89	56	8088	83.482	ug/l	96
14) Allyl chloride	4.67	41	107752	20.466	ug/l	99
15) Acrylonitrile	5.37	53	68694	98.276	ug/l	99
16) Acetone	4.12	43	73717	94.534	ug/l	97
17) Carbon Disulfide	4.38	76	144701	19.090	ug/l	99
18) Methyl Acetate	4.67	43	33942	20.221	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	138801	20.155	ug/l	100
20) Methylene Chloride	4.92	84	68169	24.919	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53686	19.806	ug/l	96
22) Diisopropyl ether	6.31	45	219145	20.791	ug/l	99
23) Vinyl Acetate	6.26	43	646674	101.661	ug/l	100
24) 1,1-Dichloroethane	6.21	63	107722	20.393	ug/l	99
25) 2-Butanone	7.17	43	106699	98.678	ug/l	99
26) 2,2-Dichloropropane	7.16	77	88302	20.543	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	59918	20.086	ug/l	99
28) Bromochloromethane	7.51	49	46404	19.685	ug/l	96
29) Tetrahydrofuran	7.53	42	65274	95.974	ug/l	100
30) Chloroform	7.67	83	99944	20.686	ug/l	99
31) Cyclohexane	7.95	56	115705	19.705	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	85633	20.290	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83199	20.039	ug/l	100
37) Ethyl Acetate	7.26	43	46188	20.076	ug/l	99
38) Carbon Tetrachloride	8.07	117	72709	20.287	ug/l	95

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MMDadoda
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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	103813	19.670	ug/l	99
40) Benzene	8.32	78	227691	20.103	ug/l	98
41) Methacrylonitrile	7.48	41	26612	19.460	ug/l	95
42) 1,2-Dichloroethane	8.40	62	74765	20.799	ug/l	100
43) Isopropyl Acetate	8.42	43	87342	19.651	ug/l	99
44) Trichloroethene	9.09	130	55666	19.924	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61484	20.507	ug/l	99
46) Dibromomethane	9.46	93	28133	20.202	ug/l	98
47) Bromodichloromethane	9.65	83	73579	20.383	ug/l	98
48) Methyl methacrylate	9.44	41	41250	19.249	ug/l	98
49) 1,4-Dioxane	9.44	88	8522	391.413	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	222362	97.927	ug/l	100
52) Toluene	10.39	92	139772	20.057	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	76055	19.892	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90236	20.056	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39824	19.851	ug/l	99
56) Ethyl methacrylate	10.65	69	60832	19.706	ug/l	98
57) 1,3-Dichloropropane	10.93	76	75830	20.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	163260	100.973	ug/l	100
59) 2-Hexanone	10.97	43	158039	96.302	ug/l	99
60) Dibromochloromethane	11.13	129	43687	19.644	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38095	20.042	ug/l	99
64) Tetrachloroethene	10.86	164	46344	19.378	ug/l	95
65) Chlorobenzene	11.66	112	142470	20.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48472	19.768	ug/l	97
67) Ethyl Benzene	11.73	91	273451	20.087	ug/l	99
68) m/p-Xylenes	11.84	106	194898	39.995	ug/l	98
69) o-Xylene	12.16	106	91929	19.890	ug/l	96
70) Styrene	12.18	104	161875	20.162	ug/l	100
71) Bromoform	12.35	173	24265	19.135	ug/l #	99
73) Isopropylbenzene	12.47	105	259957	19.813	ug/l	99
74) N-amyl acetate	12.27	43	83473	19.686	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	47685	19.091	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35746m	19.496	ug/l	
77) Bromobenzene	12.75	156	56028	19.563	ug/l	97
78) n-propylbenzene	12.80	91	314224	19.862	ug/l	100
79) 2-Chlorotoluene	12.90	91	180487	19.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215721	20.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14395	18.044	ug/l	93
82) 4-Chlorotoluene	12.99	91	187303	20.081	ug/l	99
83) tert-Butylbenzene	13.21	119	179802	19.728	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	219052	20.270	ug/l	99
85) sec-Butylbenzene	13.38	105	261259	19.688	ug/l	99
86) p-Isopropyltoluene	13.50	119	237122	19.982	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109576	19.840	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	109852	20.063	ug/l	99
89) n-Butylbenzene	13.83	91	239263	20.208	ug/l	100
90) Hexachloroethane	14.10	117	41208	19.391	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	98104	19.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8166	19.038	ug/l	93

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Instrument :
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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)
93) 1,2,4-Trichlorobenzene	15.14	180	70246	20.154	ug/l	98
94) Hexachlorobutadiene	15.24	225	43274	19.782	ug/l	99
95) Naphthalene	15.37	128	118885	18.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	60021	20.249	ug/l	98

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

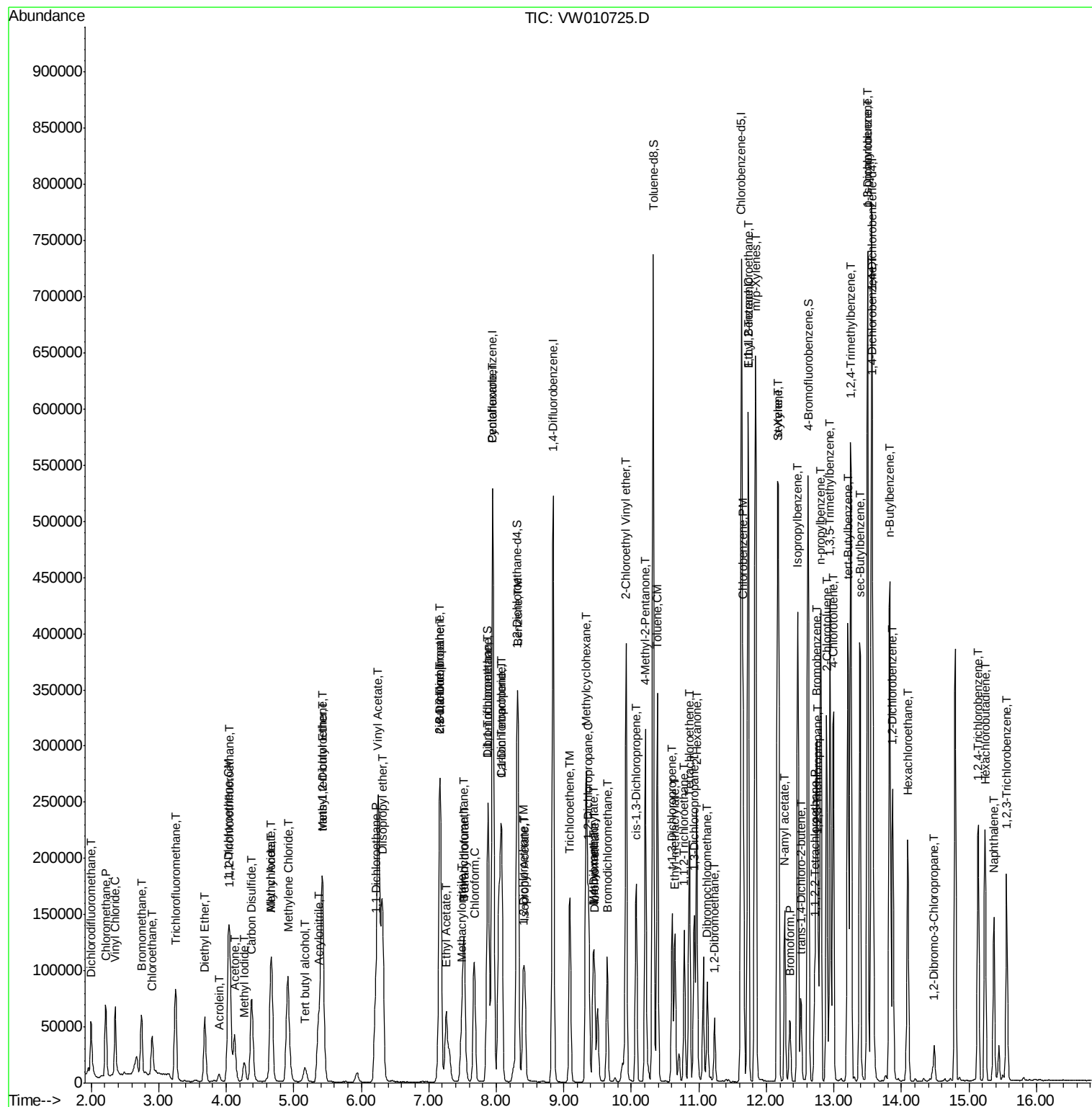
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060719\
Data File : VW010725.D
Acq On : 07 Jun 2019 13:30
Operator : SY/VA
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Misc : 5.00G/5ML/MSVOA W/SOIL
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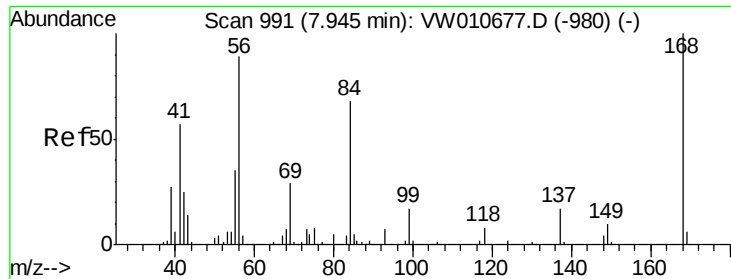
Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion:168 Resp: 246908

Ion Ratio Lower Upper

168 100

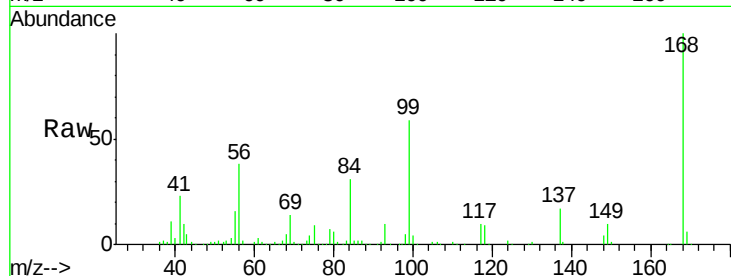
99 59.3 47.7 71.5

Manual Integrations

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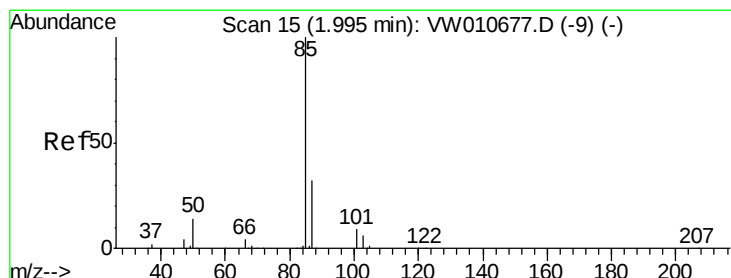
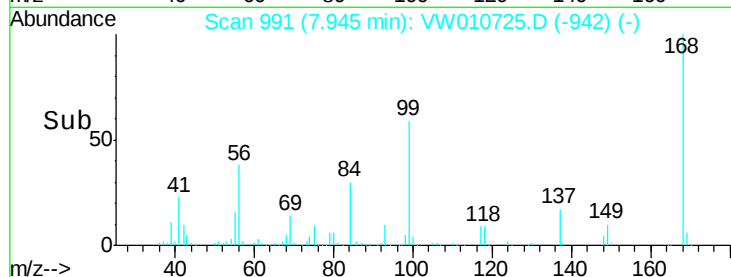
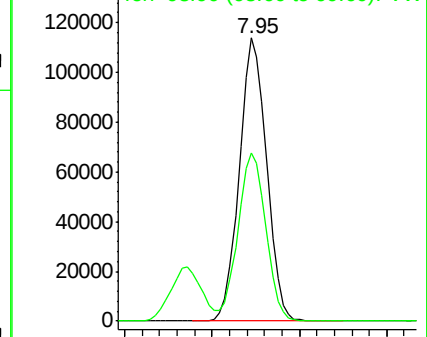
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.914 ug/l

RT: 1.99 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010725.D

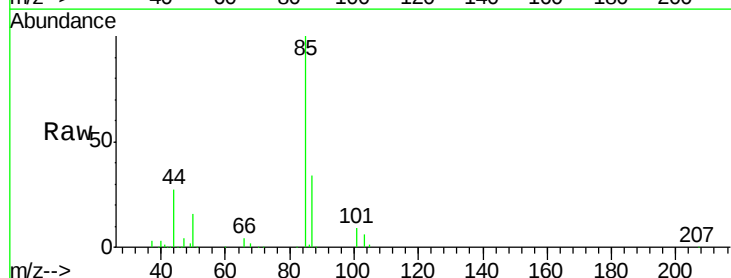
Acq: 07 Jun 2019 13:30

Tgt Ion: 85 Resp: 45438

Ion Ratio Lower Upper

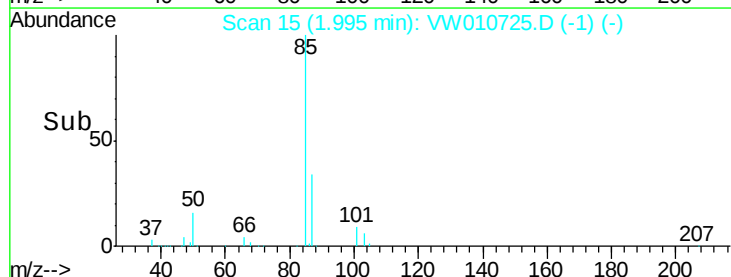
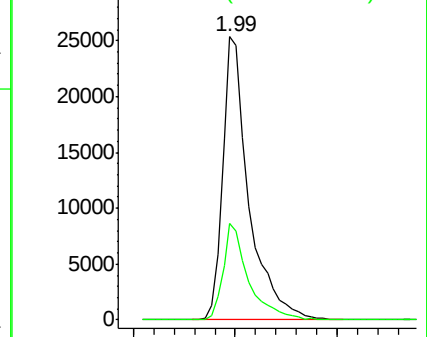
85 100

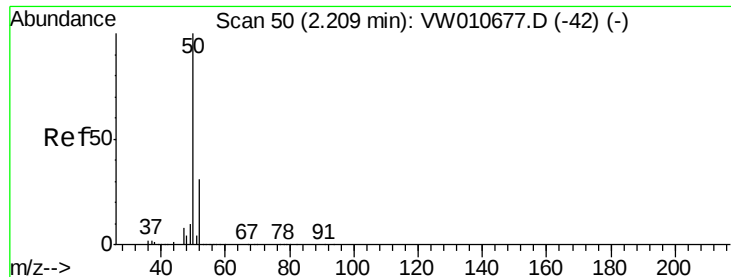
87 34.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.867 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 50 Resp: 66691

Ion Ratio Lower Upper

50 100

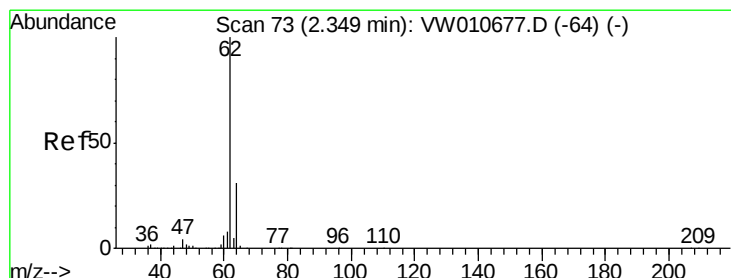
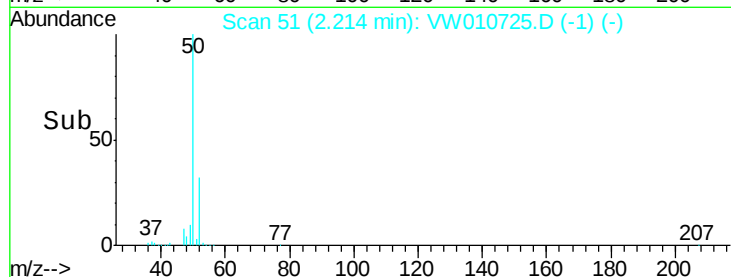
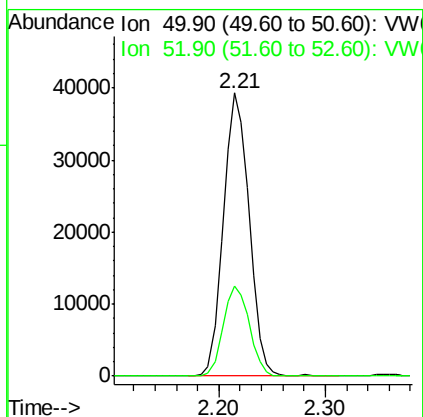
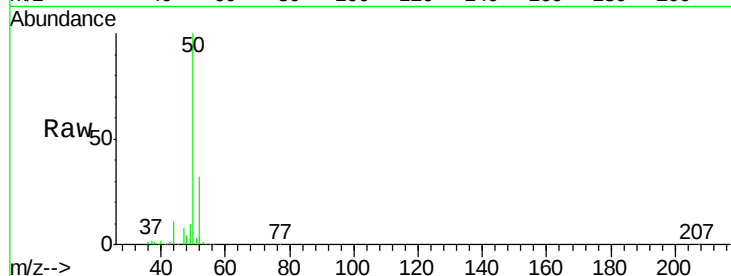
52 32.0 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.333 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010725.D

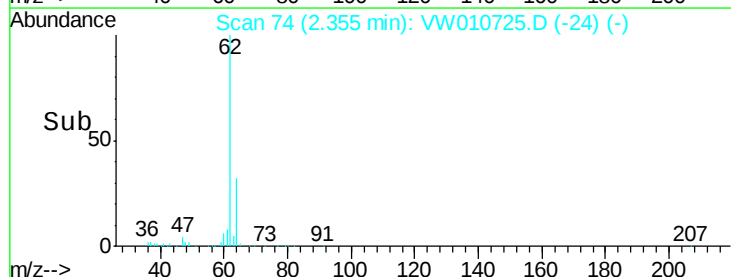
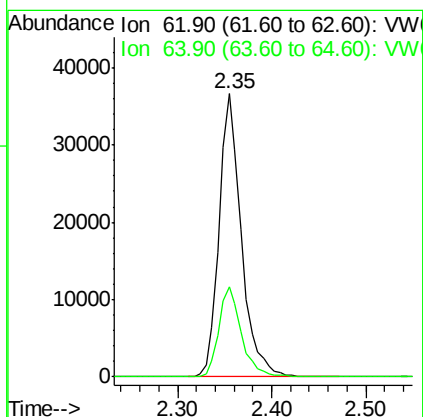
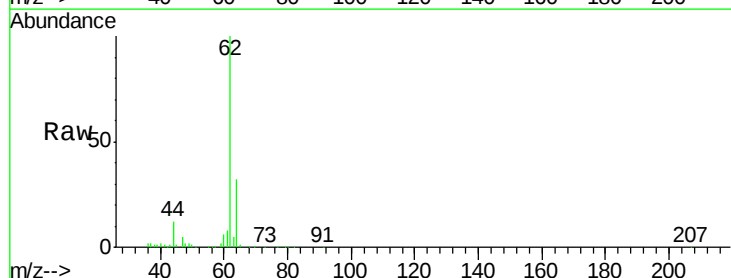
Acq: 07 Jun 2019 13:30

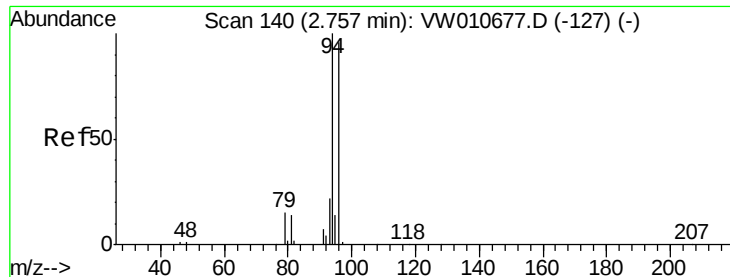
Tgt Ion: 62 Resp: 59963

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 22.680 ug/l

RT: 2.74 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 38629

Ion Ratio Lower Upper

94 100

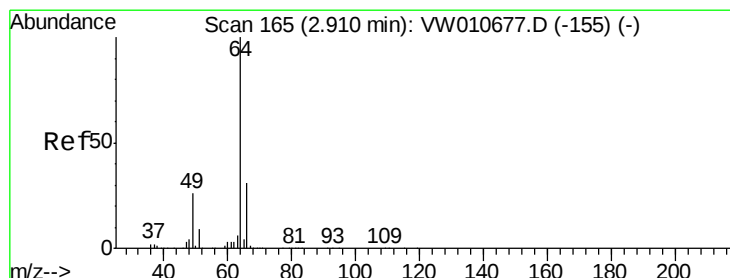
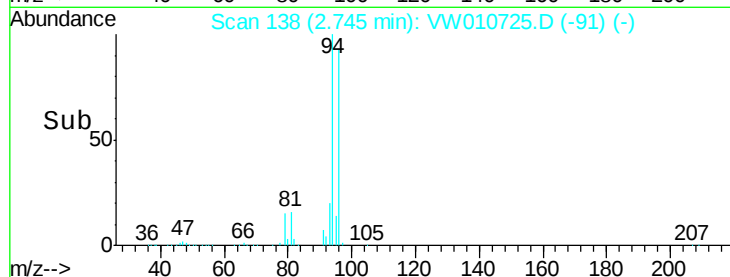
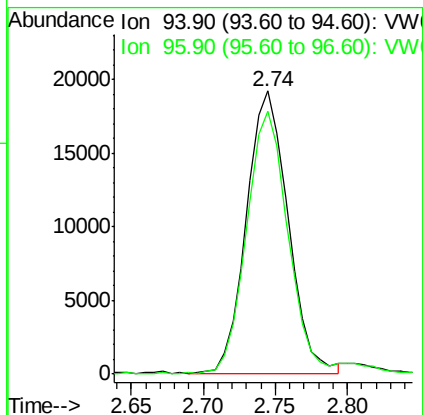
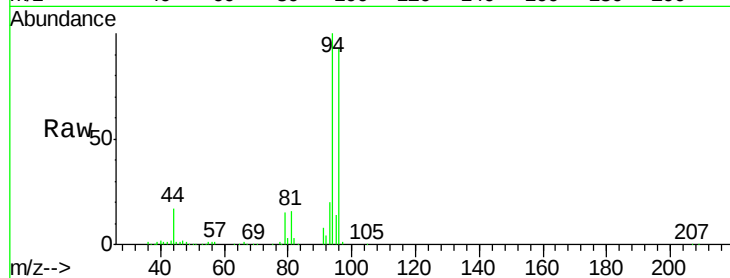
96 92.0 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 19.677 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010725.D

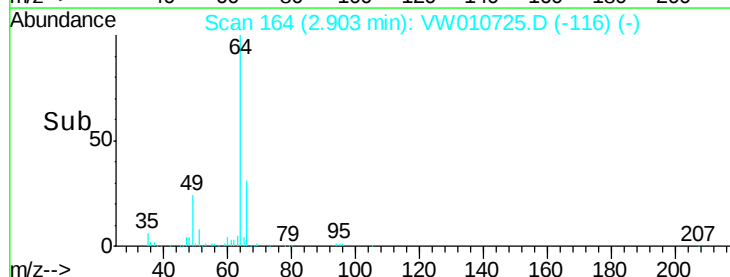
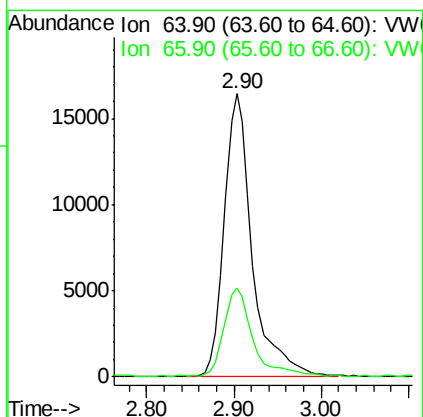
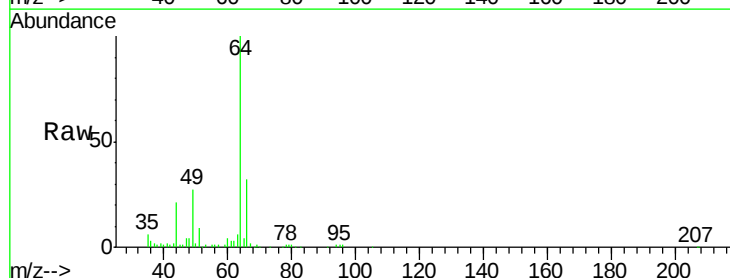
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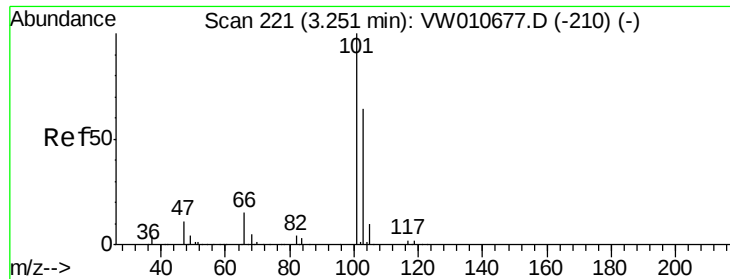
Tgt Ion: 64 Resp: 36633

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7





#7

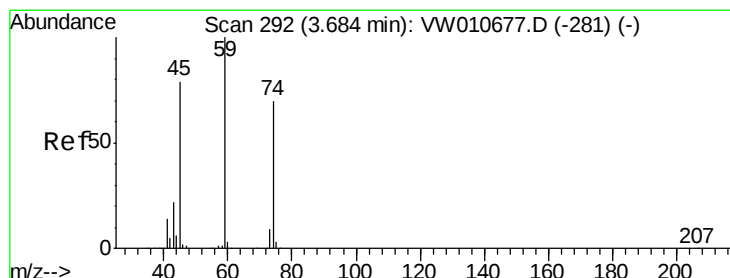
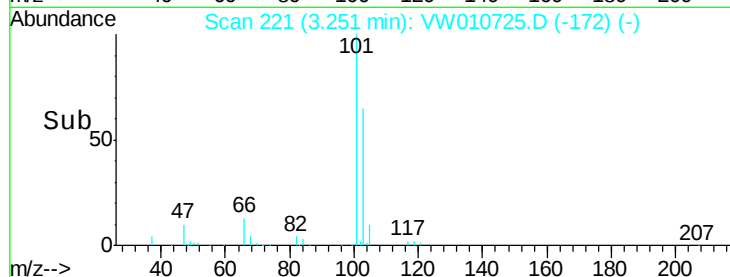
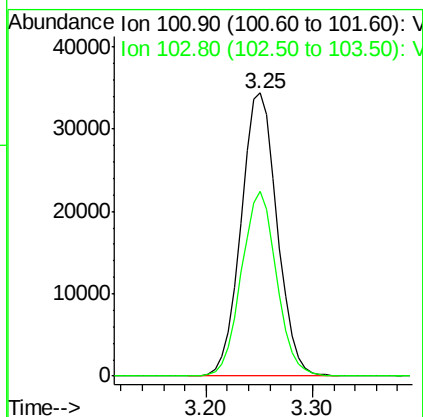
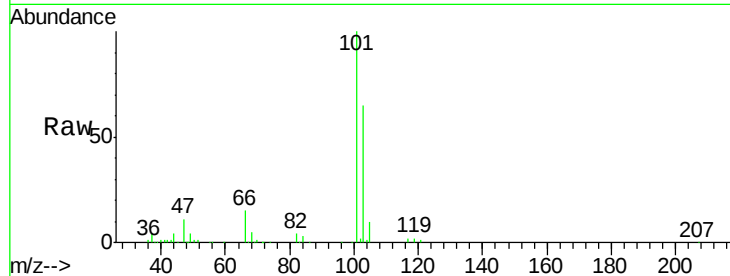
Trichlorofluoromethane
Concen: 20.307 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.2	76.8

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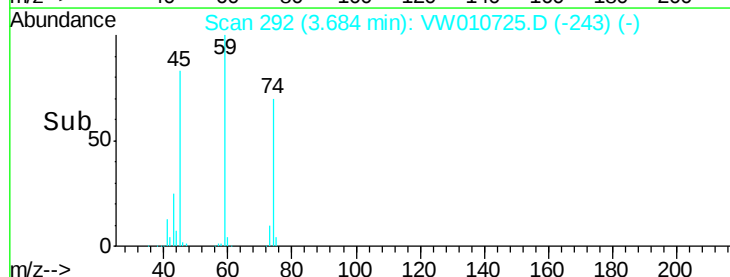
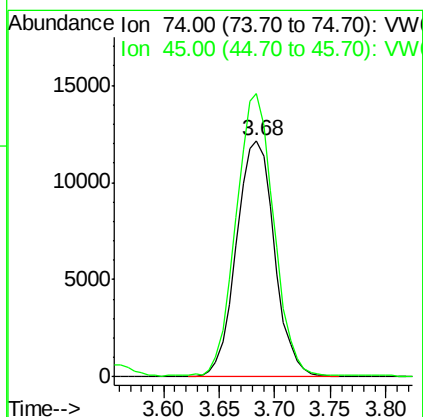
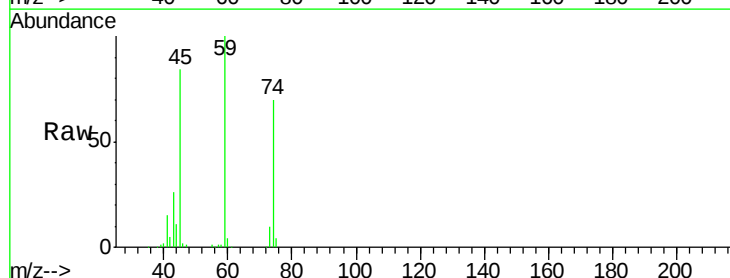
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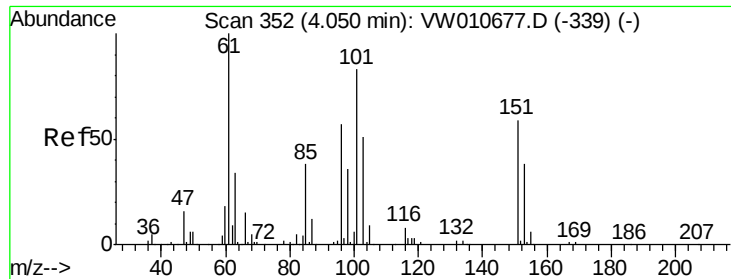


#8

Diethyl Ether
Concen: 19.996 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.8	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.053 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

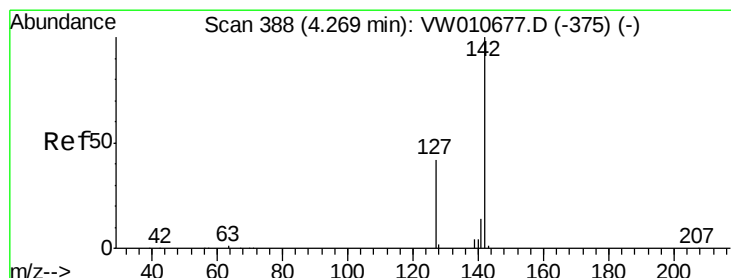
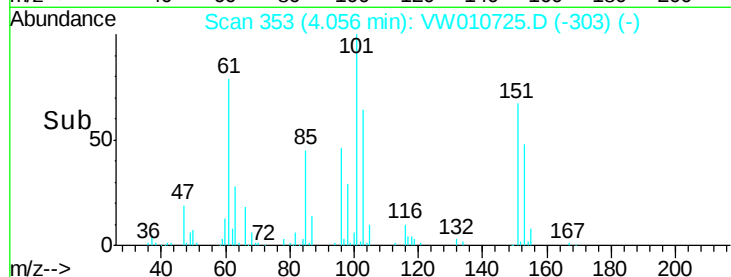
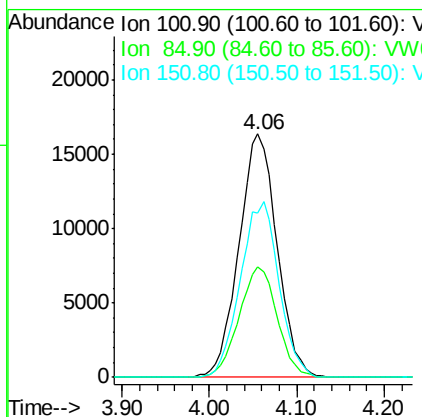
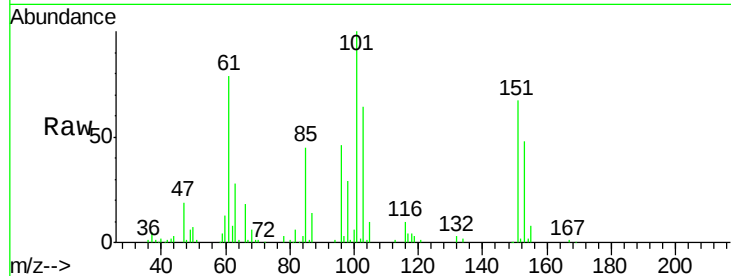
ClientSampleId :

VW0607SBS01

Tot Ion:	101	Resp:	49637
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.8	53.8
151	73.1	58.1	87.1

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#10

Methyl Iodide

Concen: 15.629 ug/l

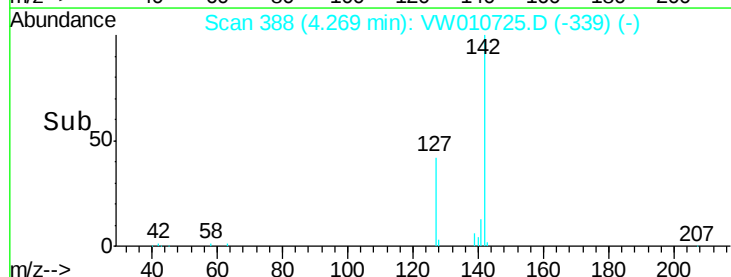
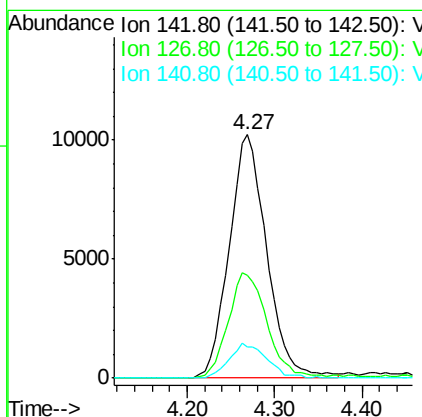
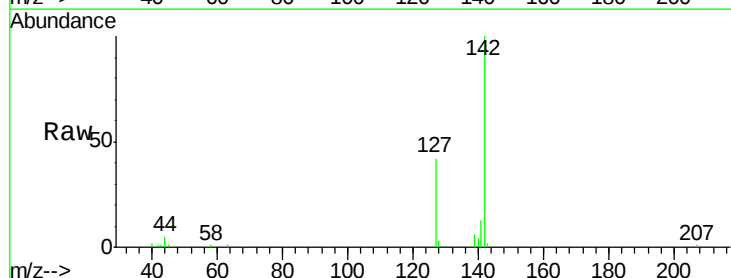
RT: 4.27 min Scan# 388

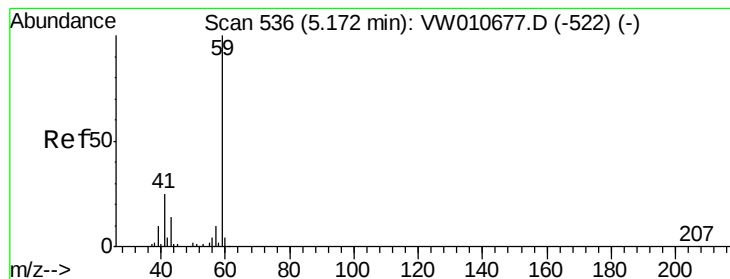
Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion:	142	Resp:	30549
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.6	51.8
141	14.2	11.6	17.4





#11

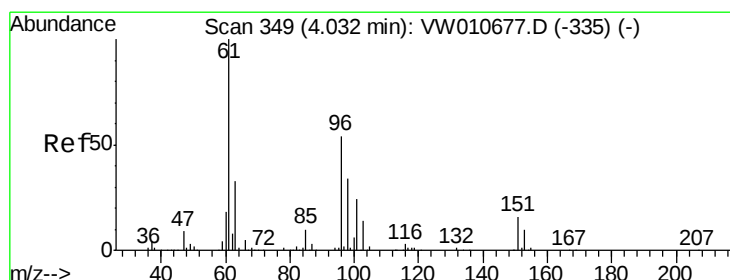
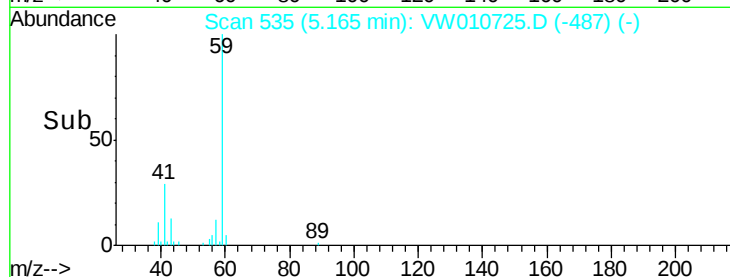
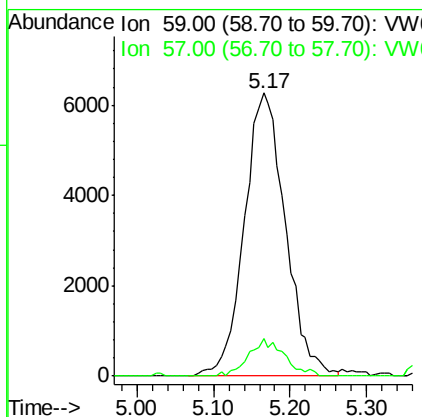
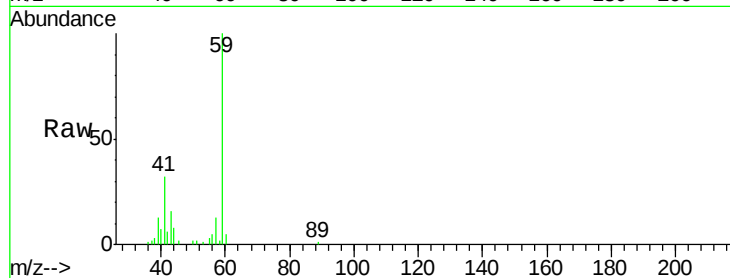
Tert butyl alcohol
Concen: 98.697 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	59	Resp	23400
Ion Ratio	100	Lower	Upper
57	11.5	8.6	12.8

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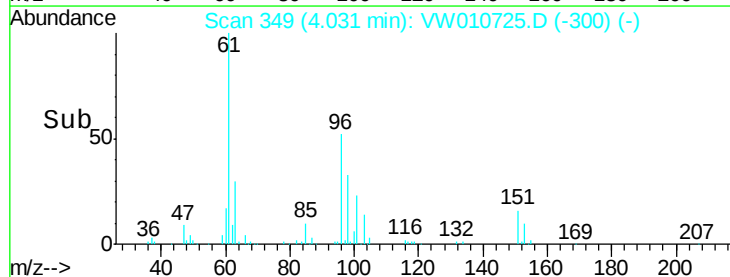
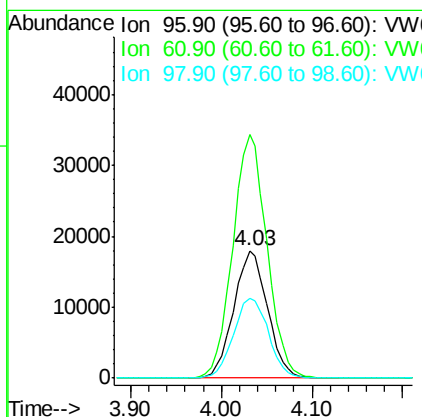
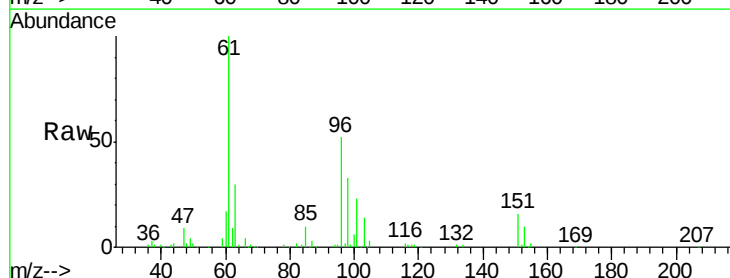
MMDadoda
6/10/2019 12:24:41 PM

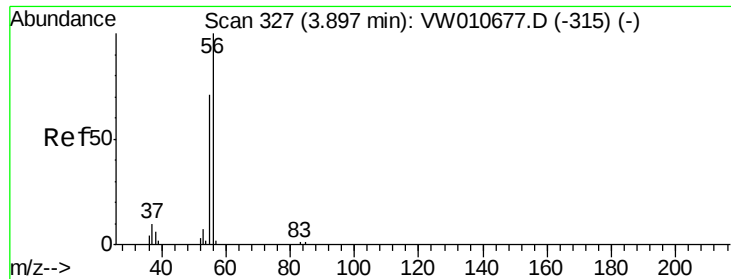


#12

1,1-Dichloroethene
Concen: 19.497 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	96	Resp	46554
Ion Ratio	100	Lower	Upper
61	190.6	149.1	223.7
98	62.4	51.1	76.7





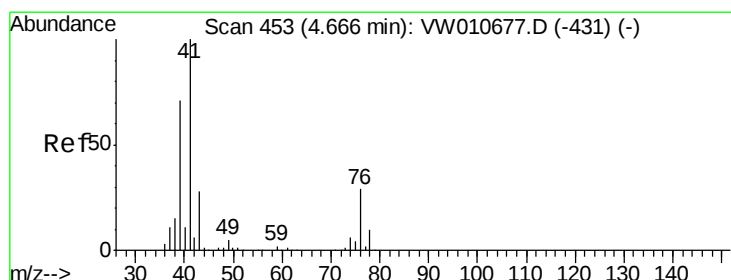
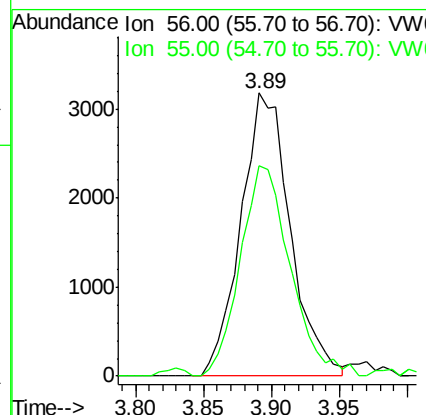
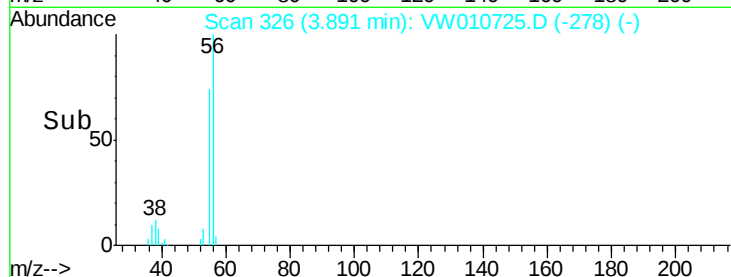
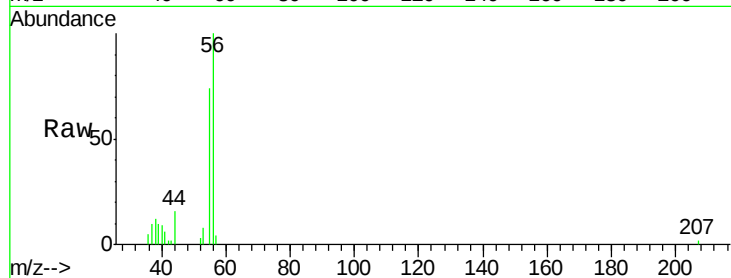
#13
Acrolein
Concen: 83.482 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.3	57.6	86.4

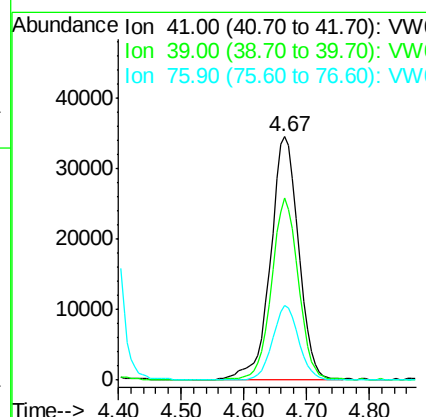
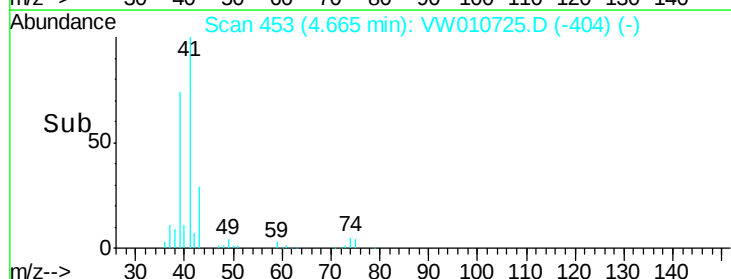
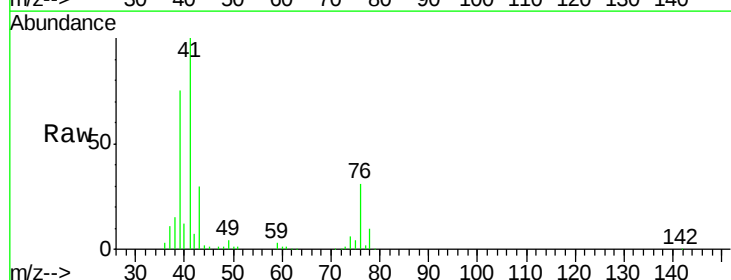
Manual Integrations
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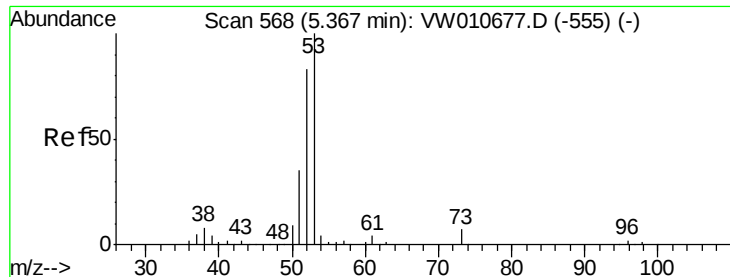
MMDadoda
6/10/2019 12:24:41 PM



#14
Allyl chloride
Concen: 20.466 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.3	55.8	83.6
76	28.3	22.7	34.1





#15

Acrylonitrile

Concen: 98.276 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

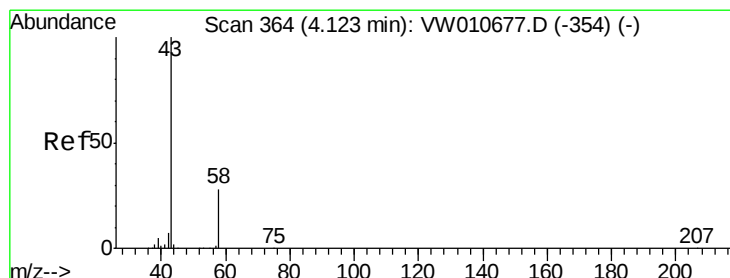
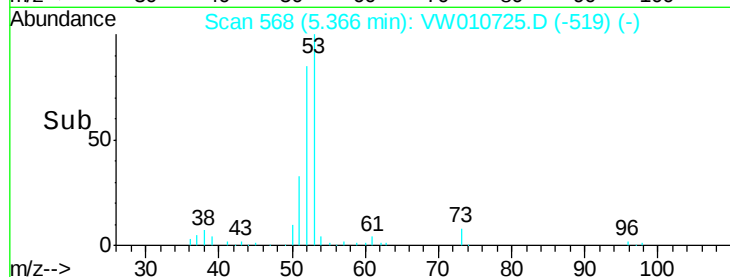
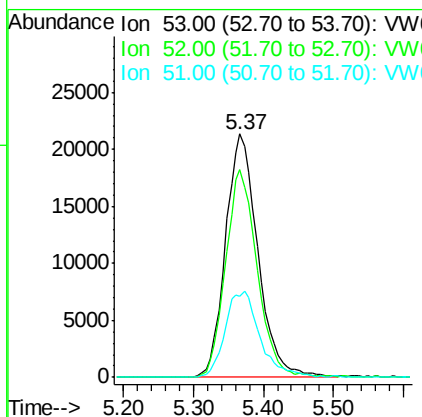
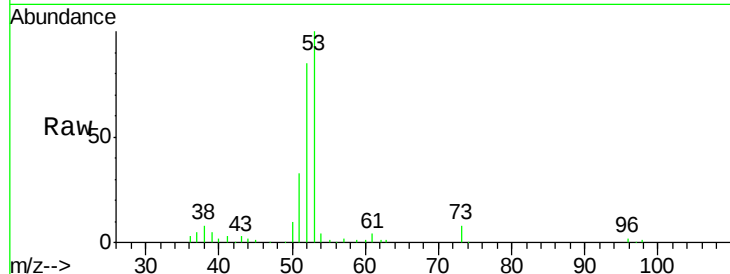
ClientSampleId :

VW0607SBS01

Tot Ion:	53	Resp:	68694
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	38.1	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 94.534 ug/l

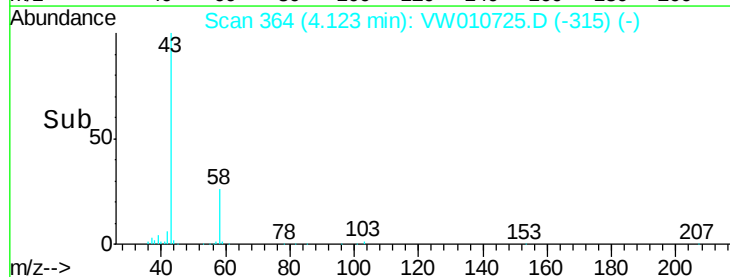
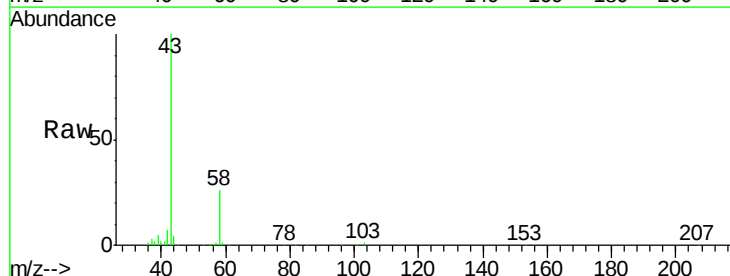
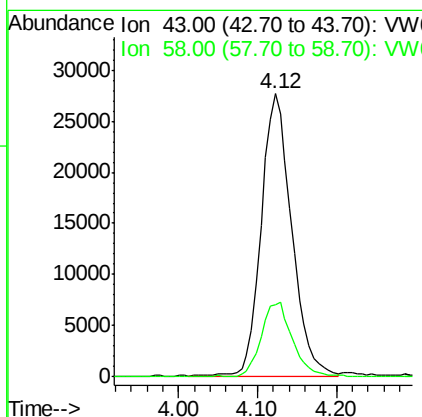
RT: 4.12 min Scan# 364

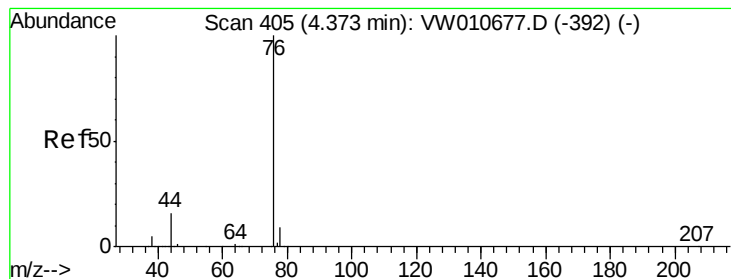
Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion:	43	Resp:	73717
Ion	Ratio	Lower	Upper
43	100		
58	25.8	22.1	33.1





#17

Carbon Disulfide

Concen: 19.090 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 76 Resp: 144701

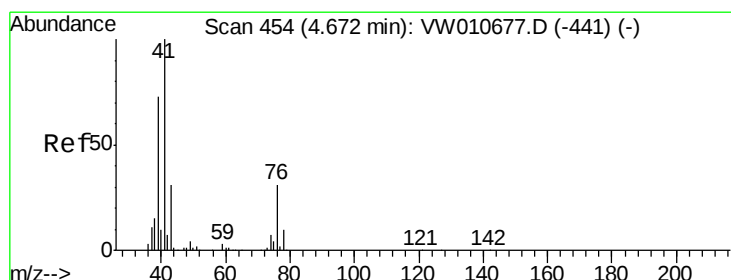
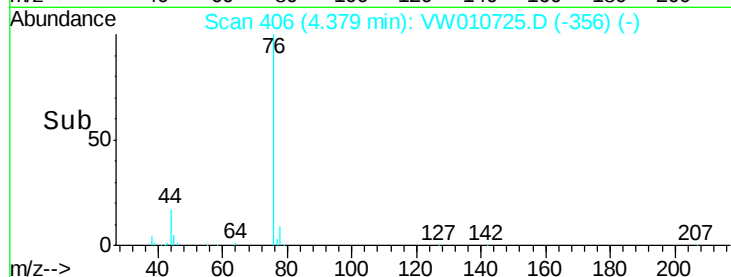
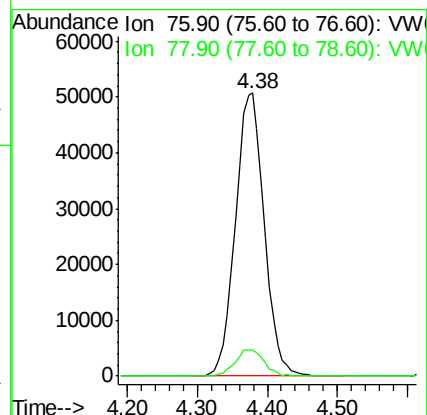
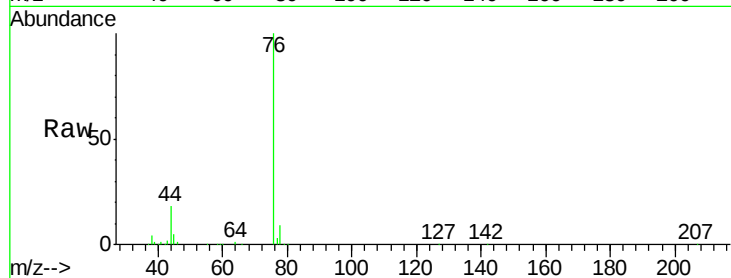
Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

Manual Integrations
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#18

Methyl Acetate

Concen: 20.221 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010725.D

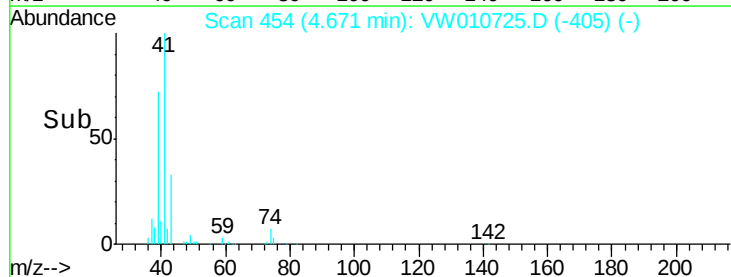
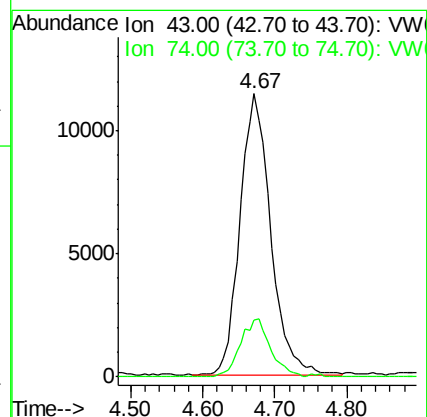
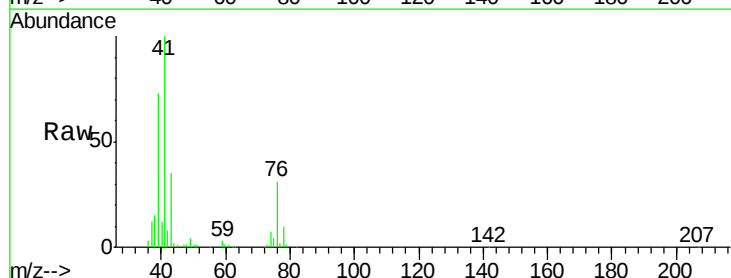
Acq: 07 Jun 2019 13:30

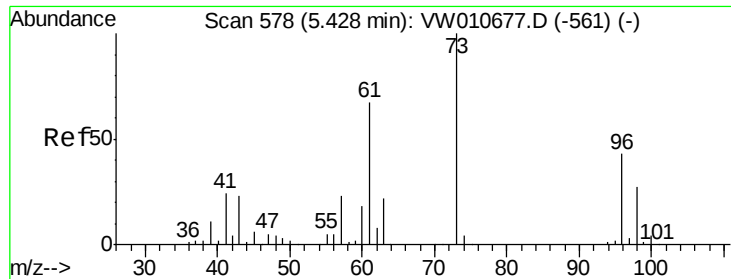
Tgt Ion: 43 Resp: 33942

Ion Ratio Lower Upper

43 100

74 20.1 16.7 25.1





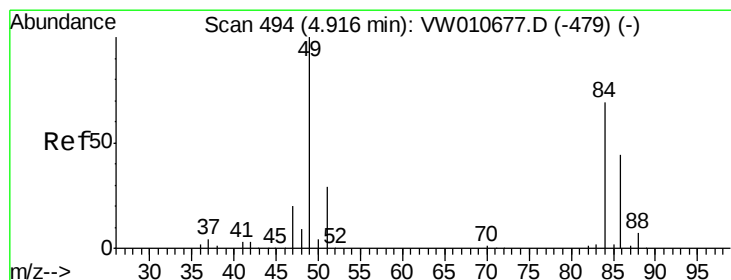
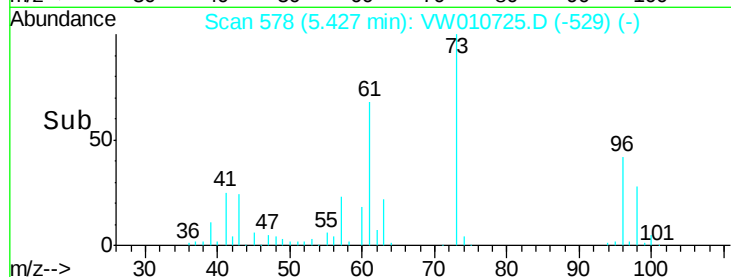
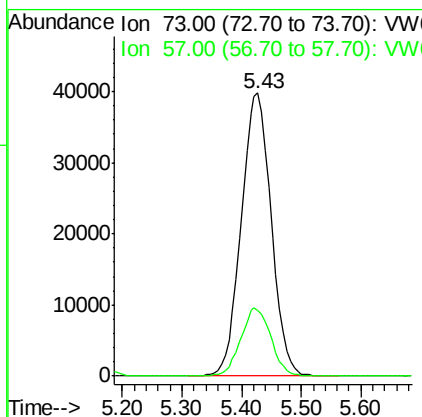
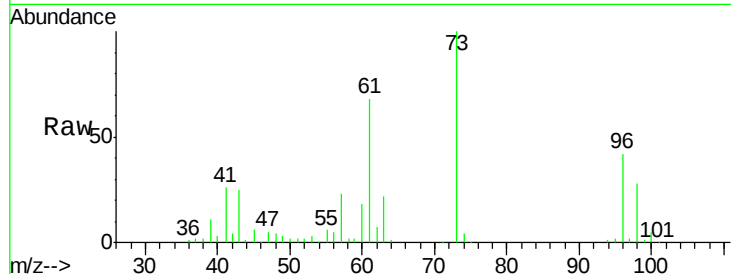
#19
Methyl tert-butyl Ether
Concen: 20.155 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion: 73 Resp: 138801
Ion Ratio Lower Upper
73 100
57 23.4 18.6 27.8

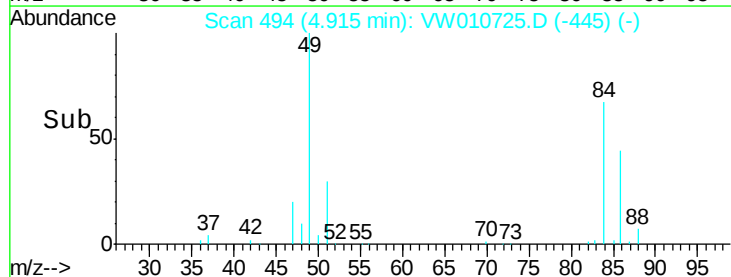
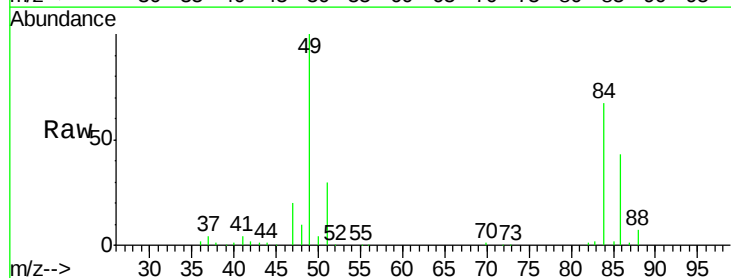
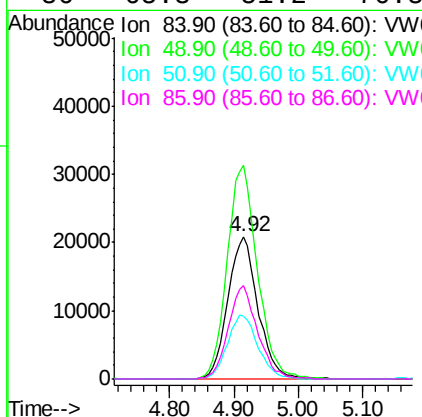
Manual Integrations
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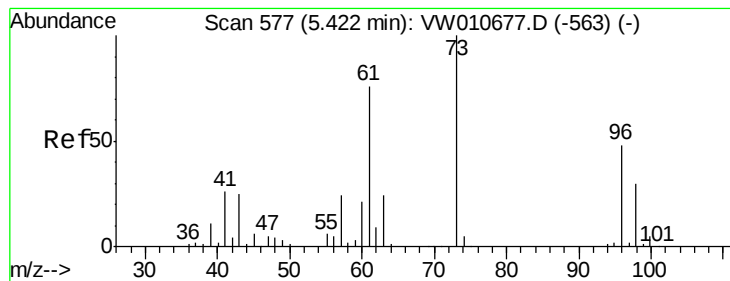
MMDadoda
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#20
Methylene Chloride
Concen: 24.919 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 84 Resp: 68169
Ion Ratio Lower Upper
84 100
49 150.1 116.7 175.1
51 44.4 34.2 51.2
86 65.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.806 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

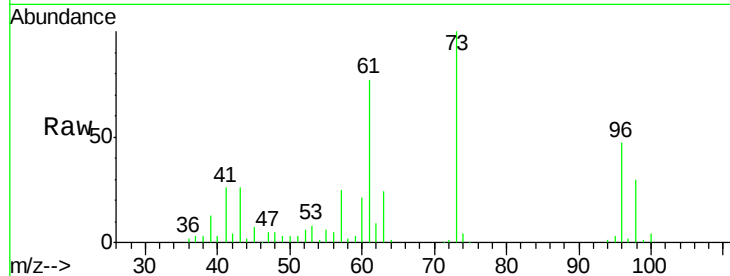
ClientSampleId :

VW0607SBS01

Tot Ion:	96	Resp:	53686
Ion	Ratio	Lower	Upper
96	100		
61	163.5	126.0	189.0
98	63.5	49.6	74.4

Manual Integrations
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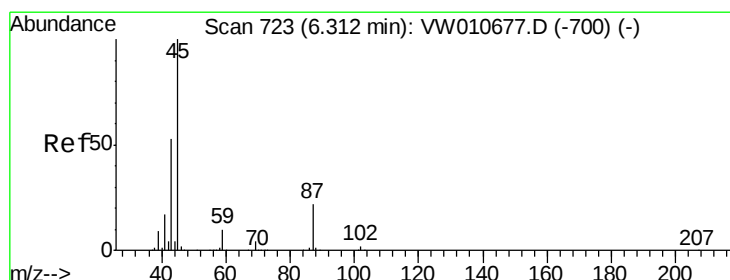
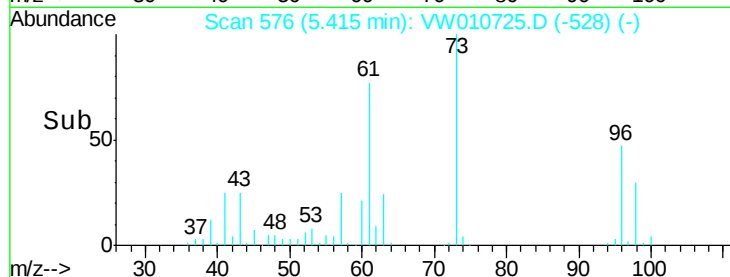
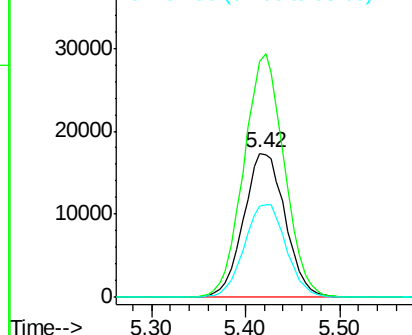


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.791 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion:	45	Resp:	219145
Ion	Ratio	Lower	Upper
45	100		
43	53.9	42.5	63.7
87	21.3	17.4	26.2
59	10.4	8.1	12.1

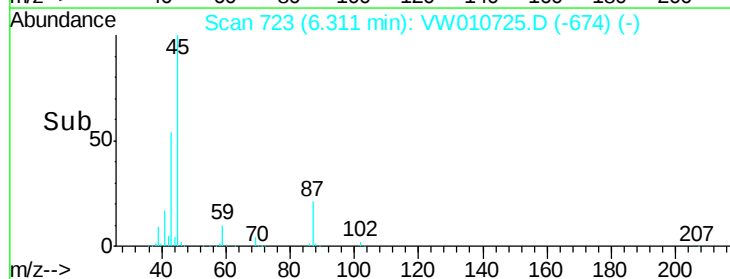
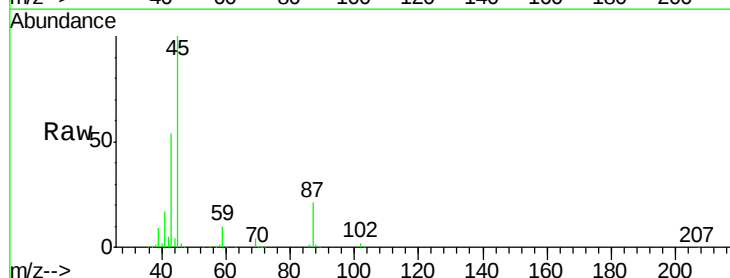
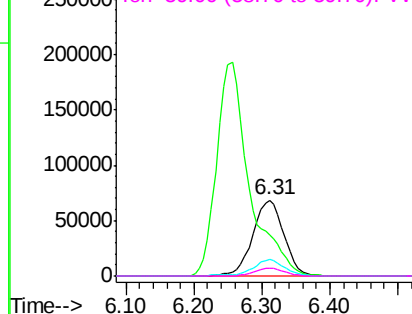
Abundance

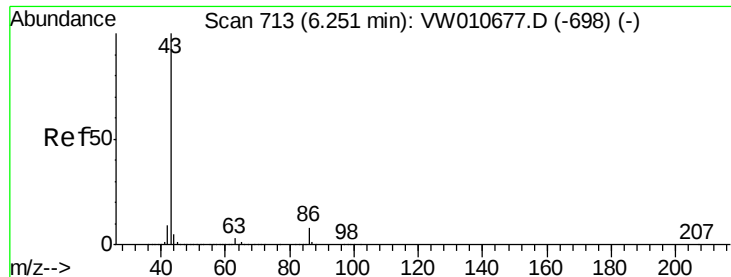
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.661 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 43 Resp: 646674

Ion Ratio Lower Upper

43 100

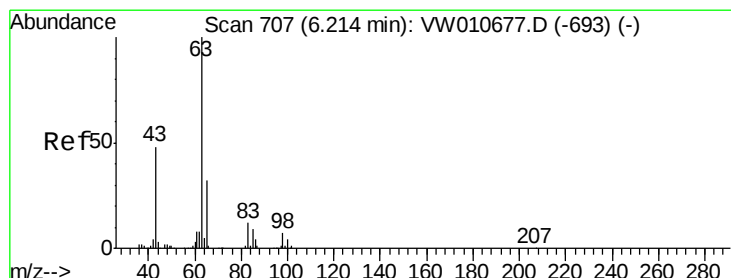
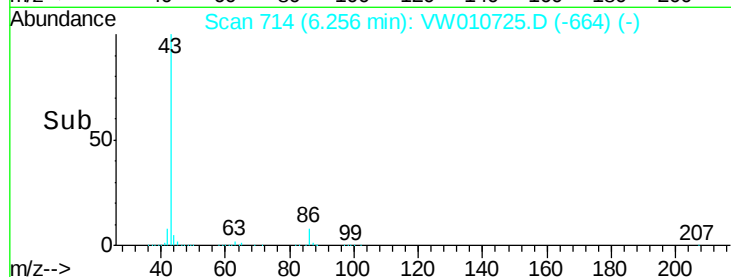
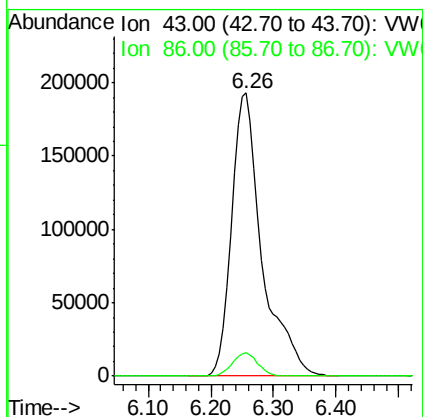
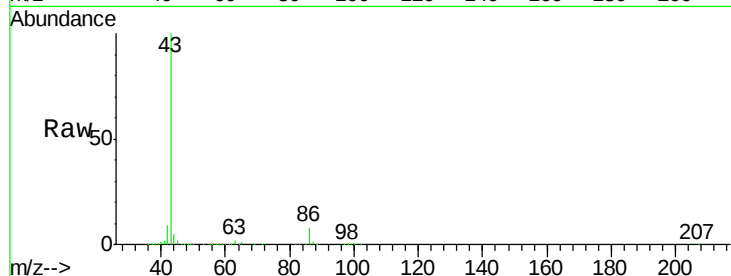
86 8.5 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.393 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

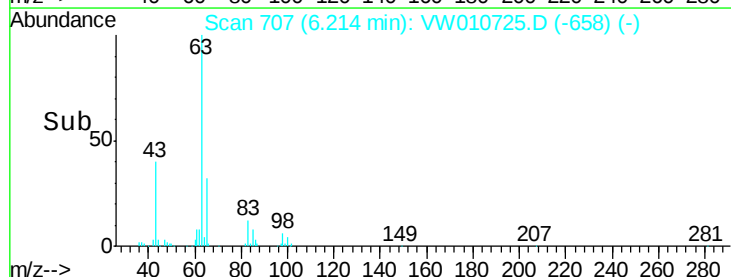
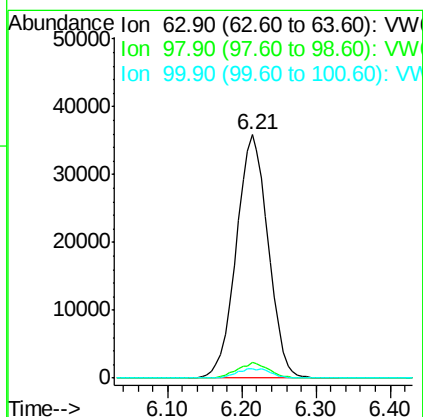
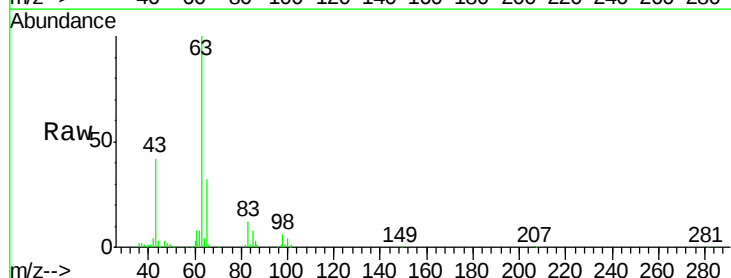
Tgt Ion: 63 Resp: 107722

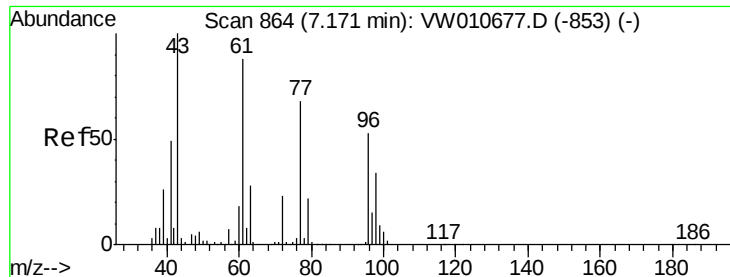
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 98.678 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 43 Resp: 106699

Ion Ratio Lower Upper

43 100

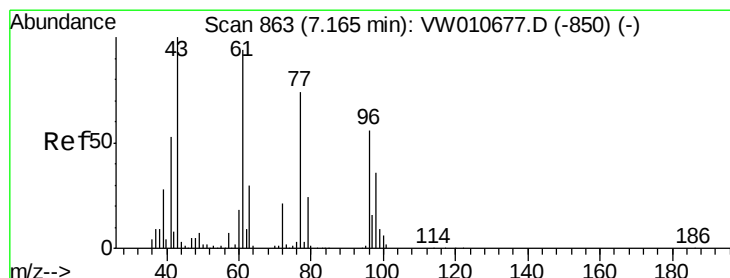
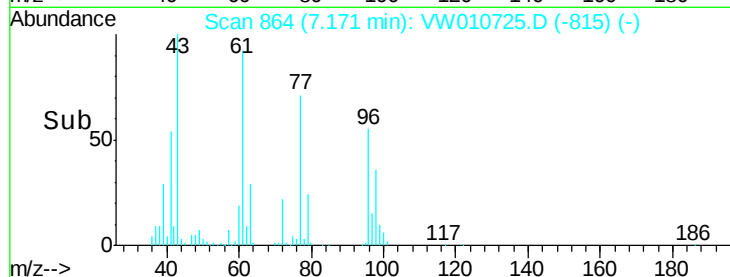
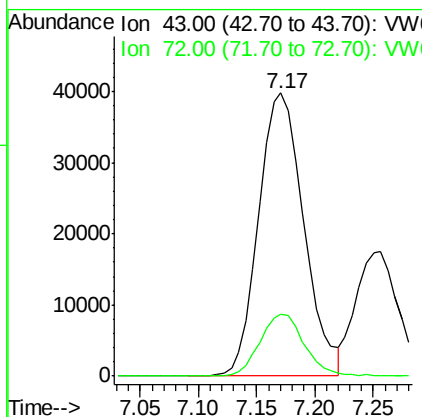
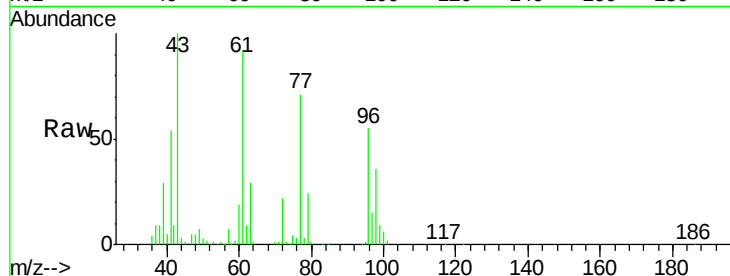
72 22.0 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.543 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010725.D

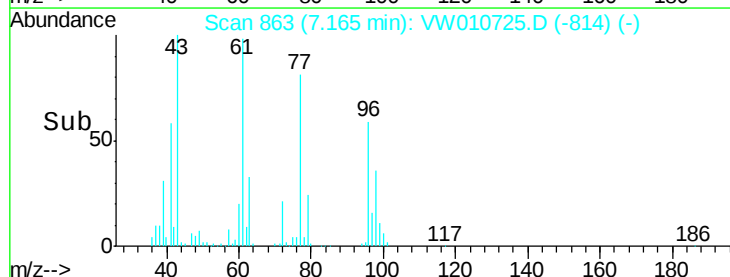
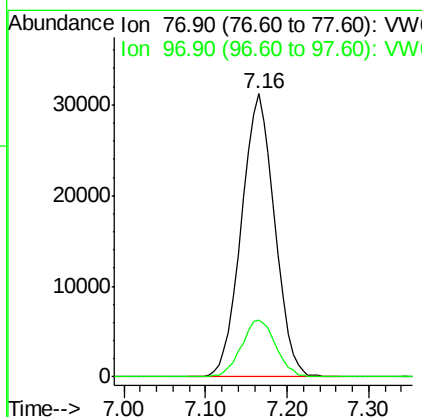
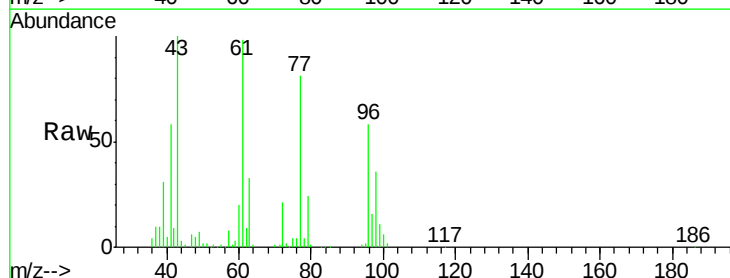
Acq: 07 Jun 2019 13:30

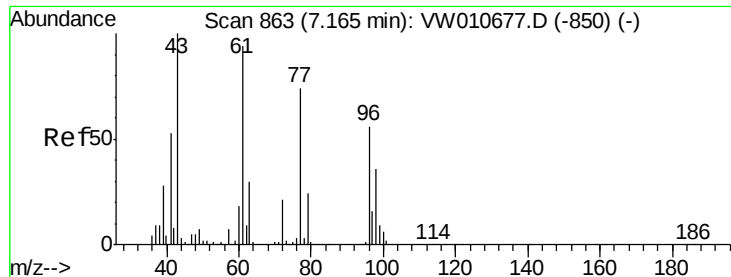
Tgt Ion: 77 Resp: 88302

Ion Ratio Lower Upper

77 100

97 20.8 10.5 31.6





#27

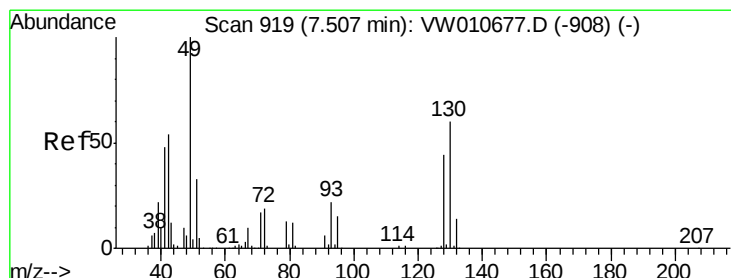
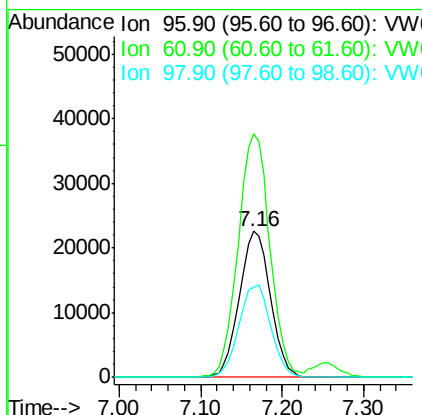
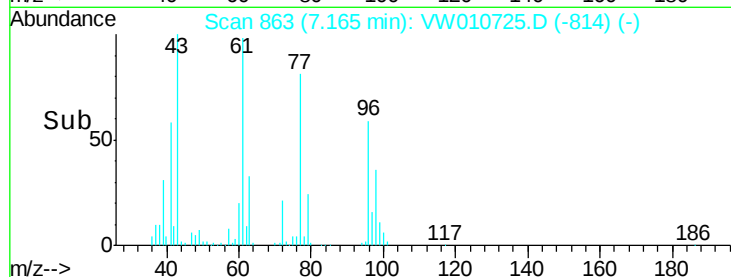
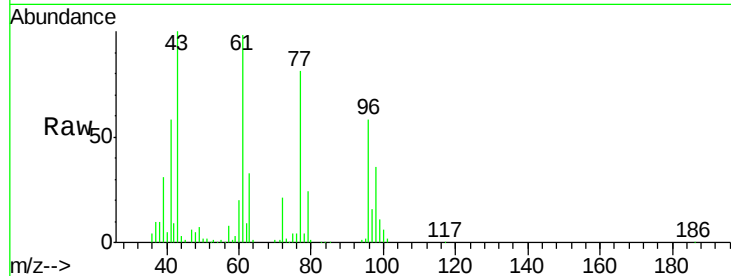
cis-1,2-Dichloroethene
Concen: 20.086 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	59918		
61	169.8	0.0	336.4	
98	64.8	0.0	128.0	

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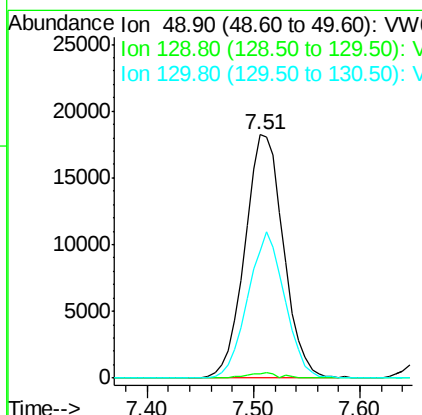
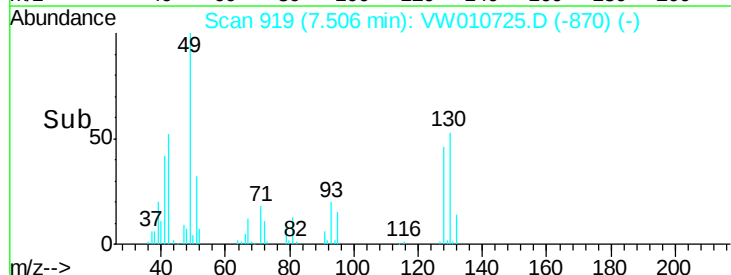
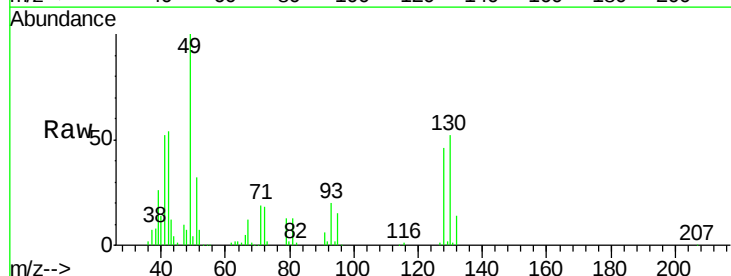
MMDadoda
6/10/2019 12:24:41 PM

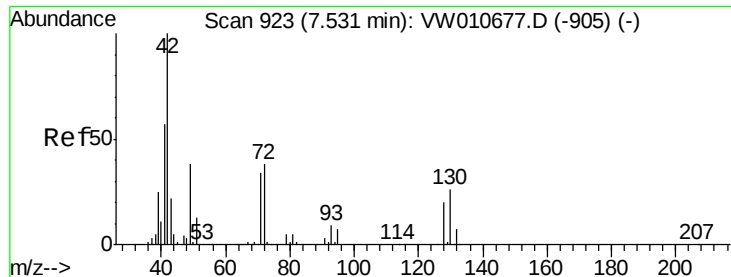


#28

Bromochloromethane
Concen: 19.685 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46404		
129	1.4	0.0	3.2	
130	57.3	48.3	72.5	





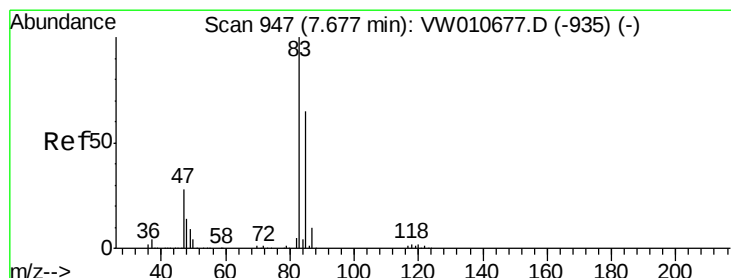
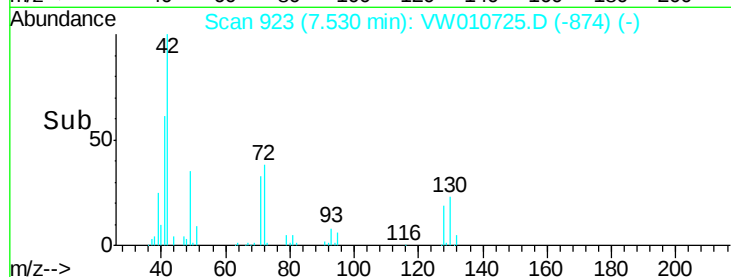
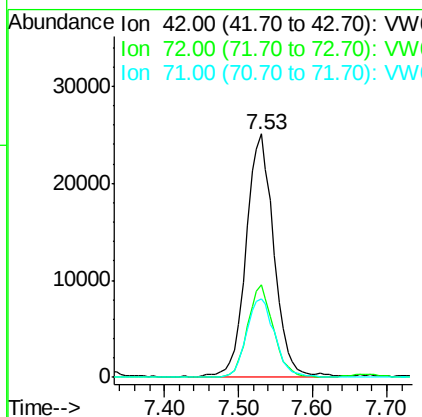
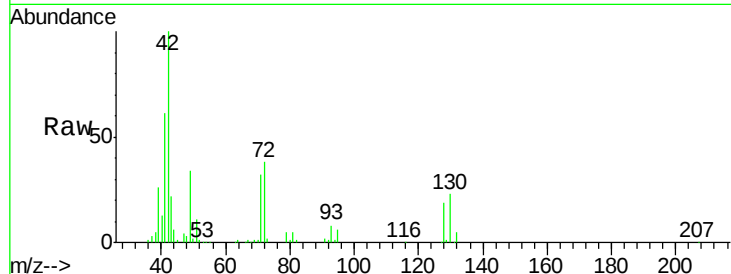
#29
Tetrahydrofuran
Concen: 95.974 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.6	28.7	43.1
71	33.1	26.6	39.8

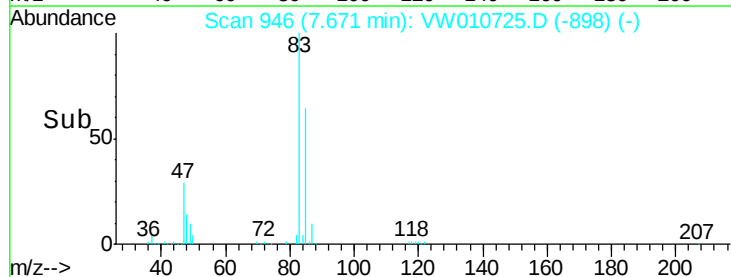
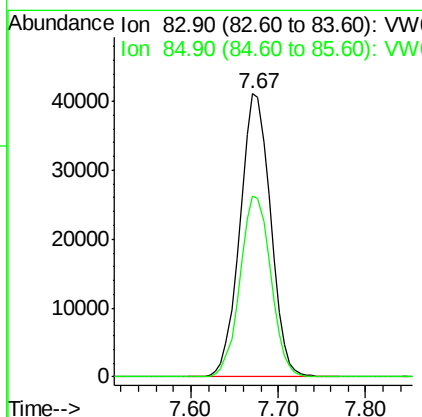
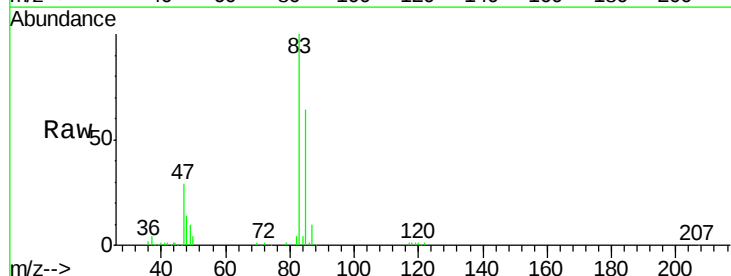
Manual Integrations
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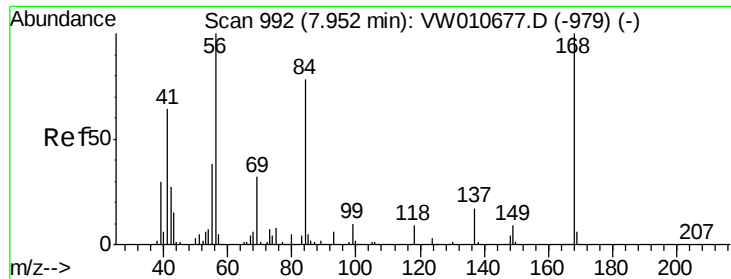
MMDadoda
6/10/2019 12:24:41 PM



#30
Chloroform
Concen: 20.686 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.8





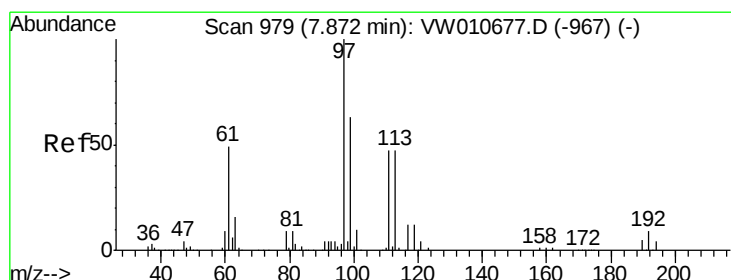
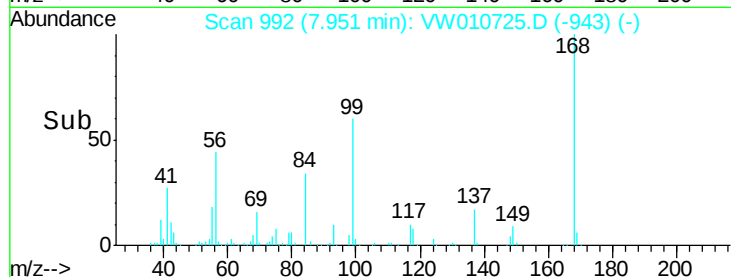
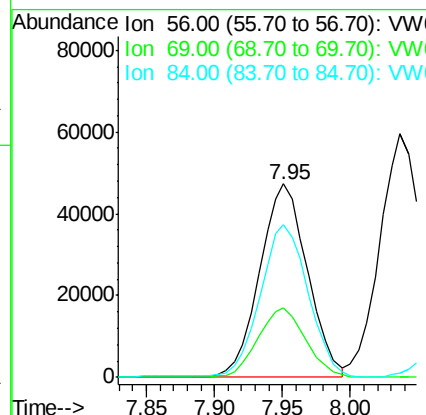
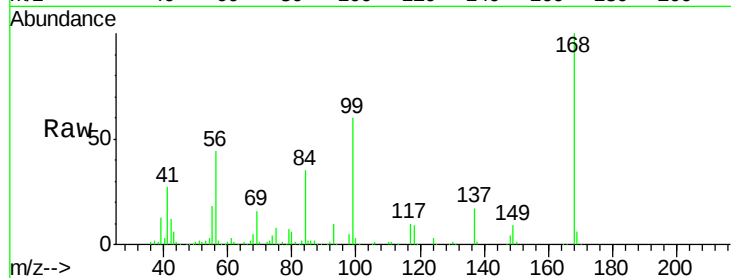
#31
Cyclohexane
Concen: 19.705 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	25.2	37.8
84	78.1	62.2	93.2

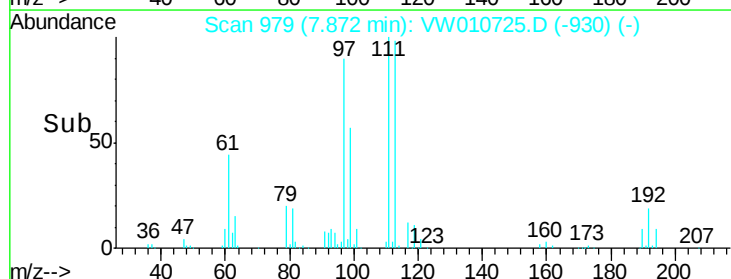
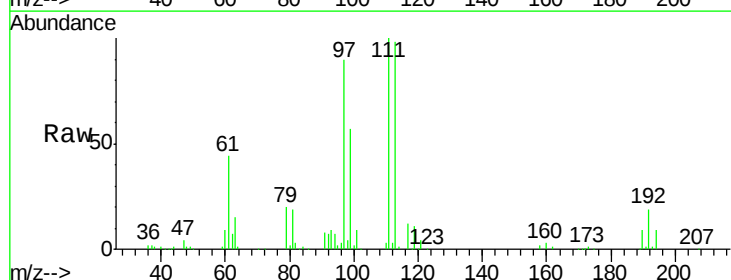
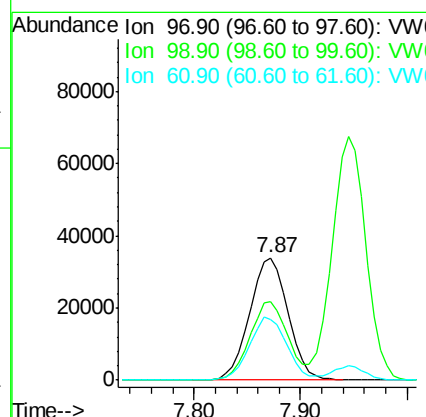
Manual Integrations
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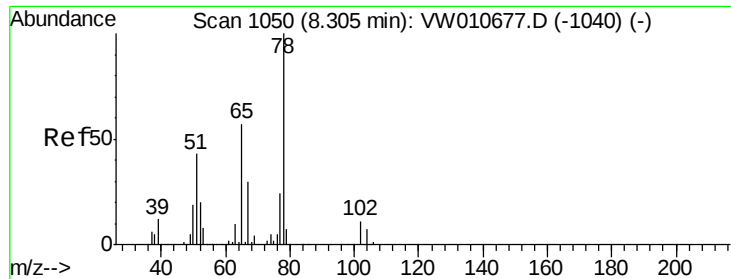
MMDadoda
6/10/2019 12:24:41 PM



#32
1,1,1-Trichloroethane
Concen: 20.290 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.3	76.9
61	50.5	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 50.051 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 65 Resp: 145661

Ion Ratio Lower Upper

65 100

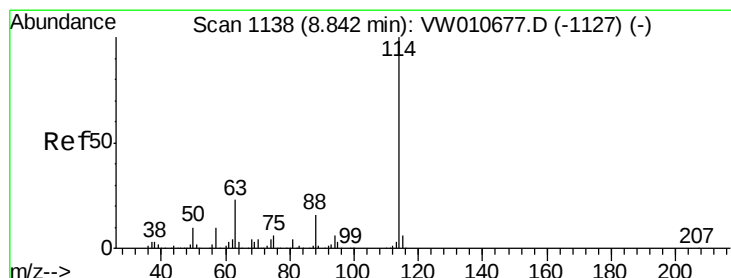
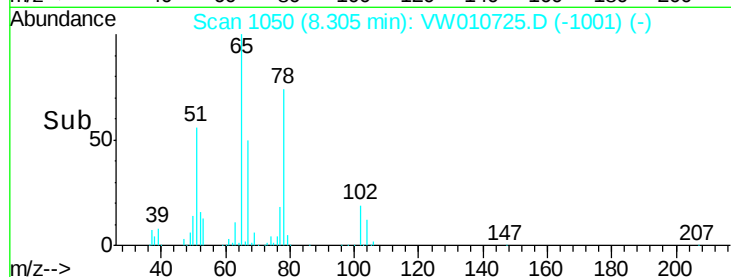
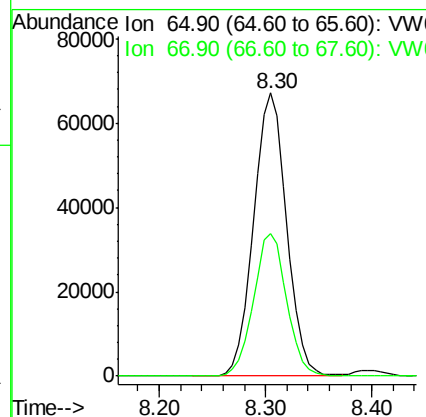
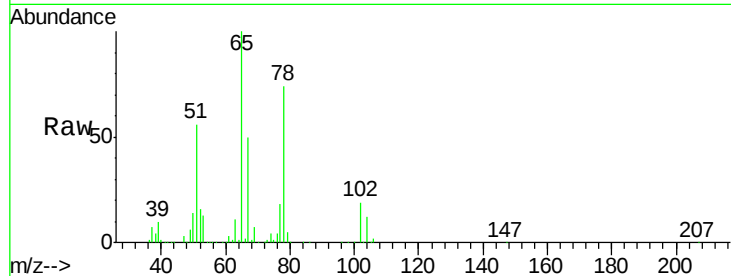
67 50.7 0.0 102.6

Manual Integrations

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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: VW010725.D

Acq: 07 Jun 2019 13:30

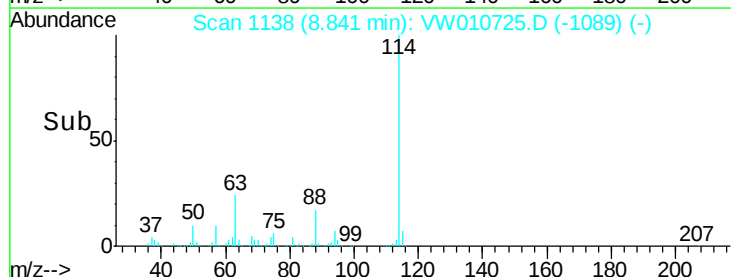
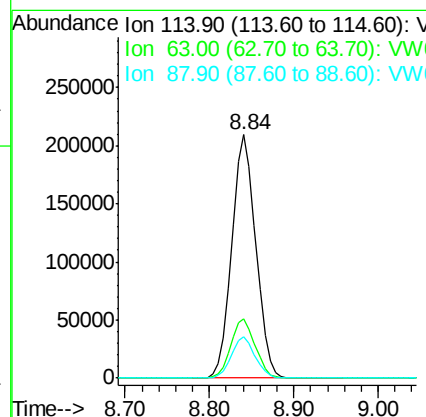
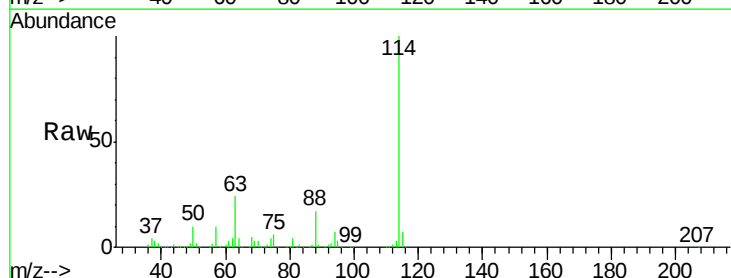
Tgt Ion: 114 Resp: 405597

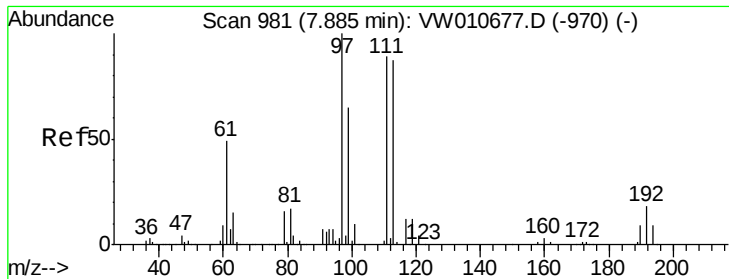
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 16.7 0.0 32.2





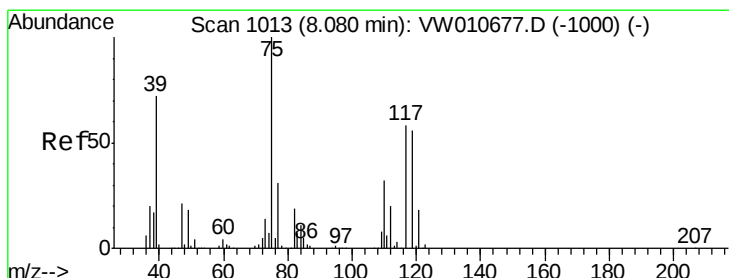
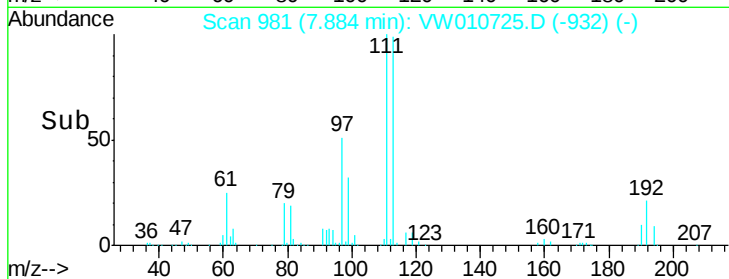
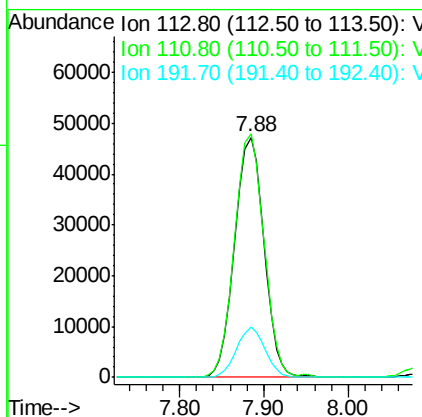
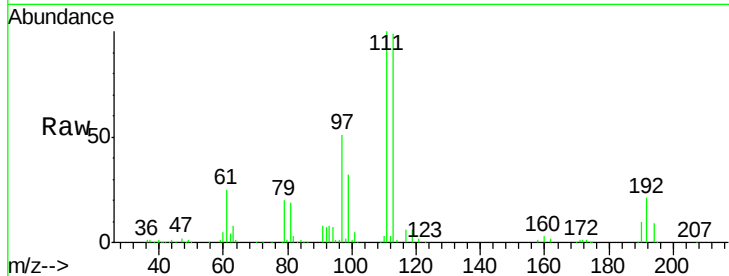
#35
 Dibromofluoromethane
 Concen: 50.444 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111053		
111	101.9	82.6	123.8	
192	20.1	16.4	24.6	

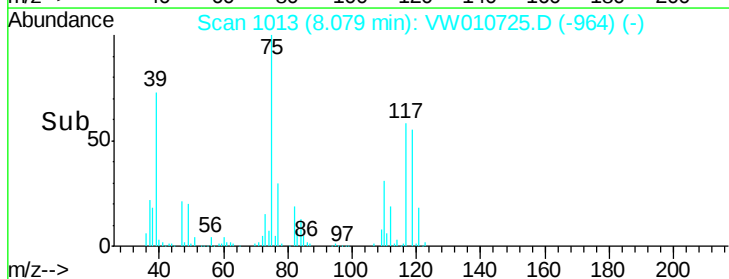
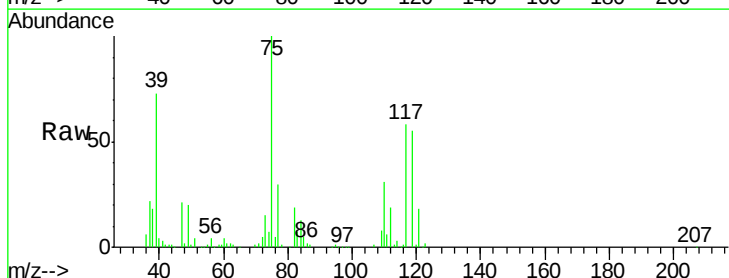
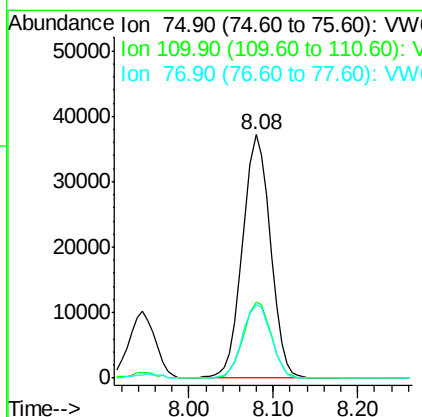
Manual Integrations
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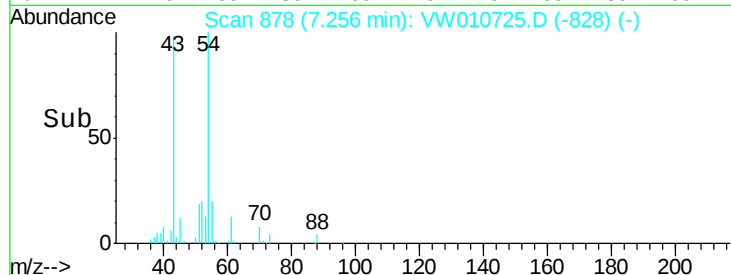
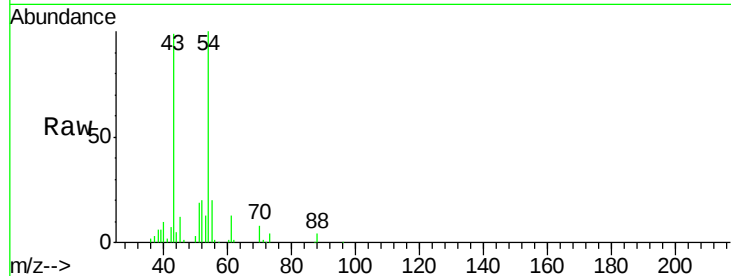
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#36
 1,1-Dichloropropene
 Concen: 20.039 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83199		
110	31.2	15.8	47.3	
77	31.1	24.7	37.1	





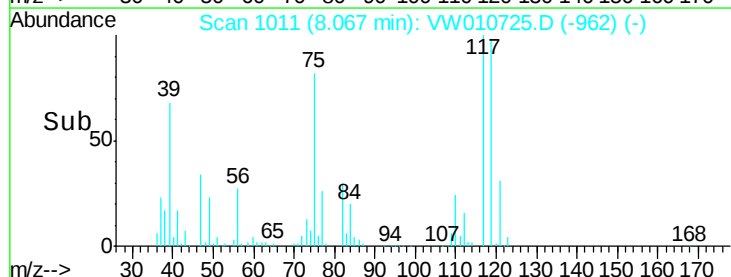
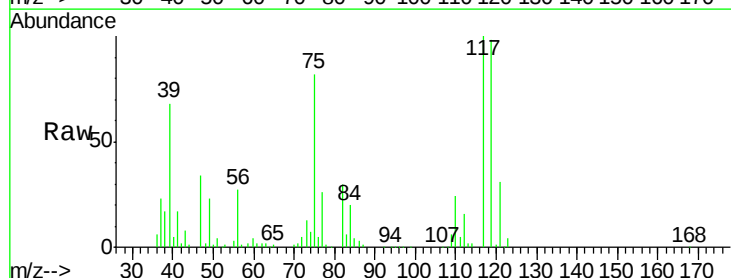
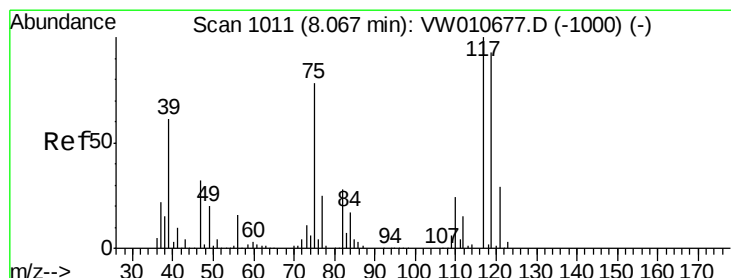
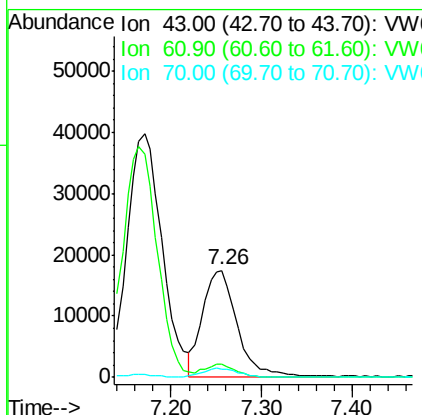
#37
Ethyl Acetate
Concen: 20.076 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tot Ion	43	Ratio	100	Resp	46188
Ion	43	100		Lower	Upper
	61	11.4		9.7	14.5
	70	8.8		7.2	10.8

Instrument :
MSVOA_W
ClientSampled :
VW0607SBS01

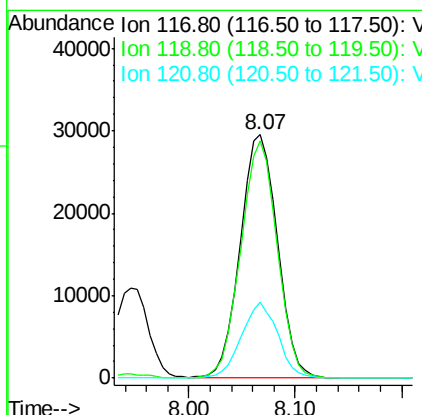
Manual Integrations
APPROVED

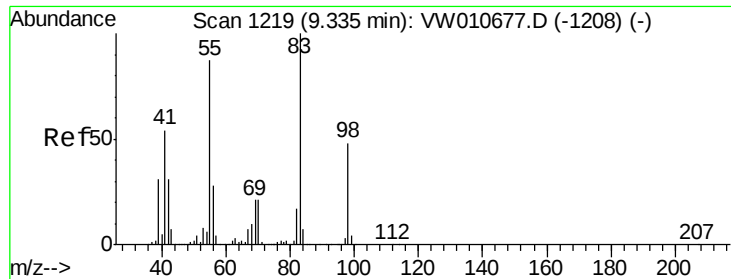
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6/10/2019 12:24:41 PM



#38
Carbon Tetrachloride
Concen: 20.287 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	117	Ratio	100	Resp	72709
Ion	117	100		Lower	Upper
	119	97.6		74.2	111.4
	121	31.1		22.9	34.3





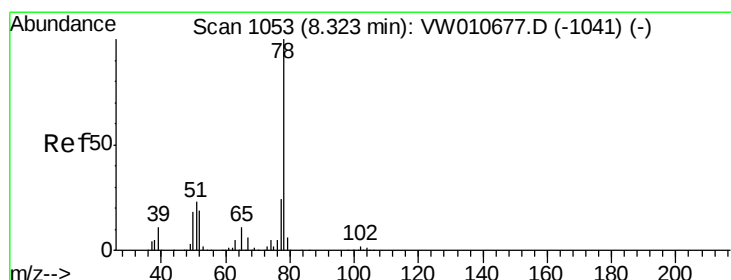
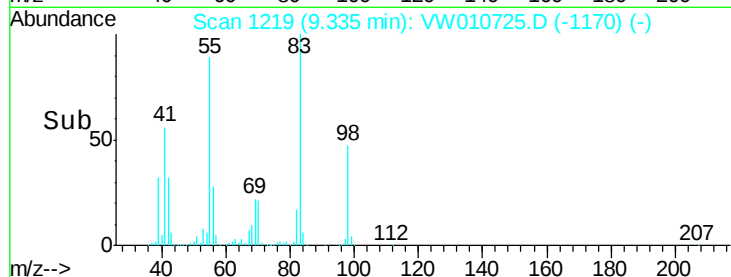
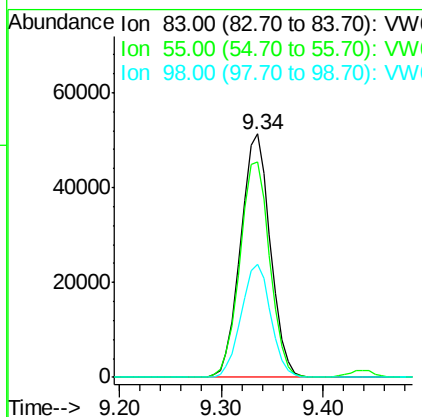
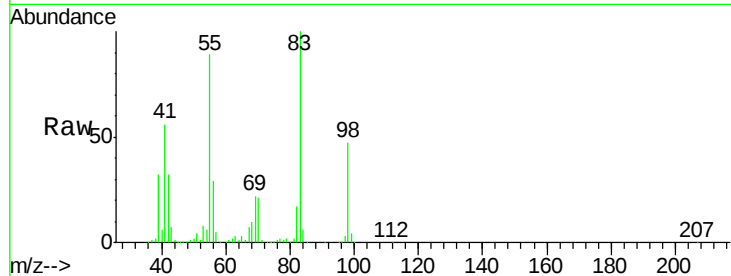
#39
Methvlcvclohexane
Concen: 19.670 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.6	70.0	105.0
98	46.6	38.1	57.1

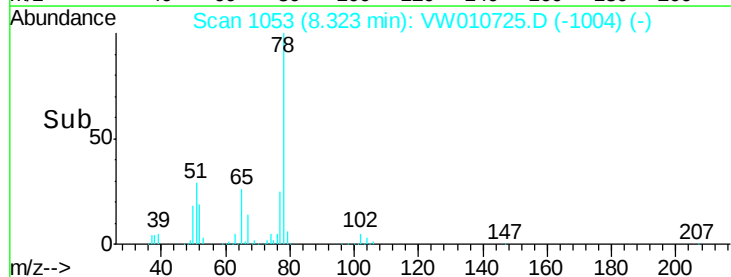
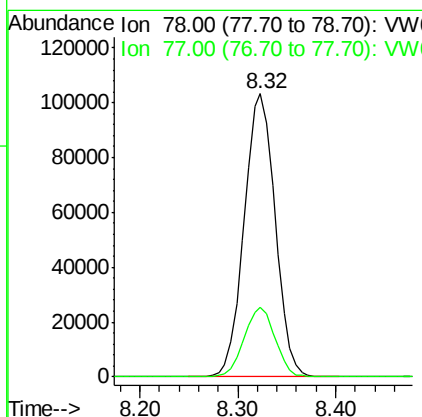
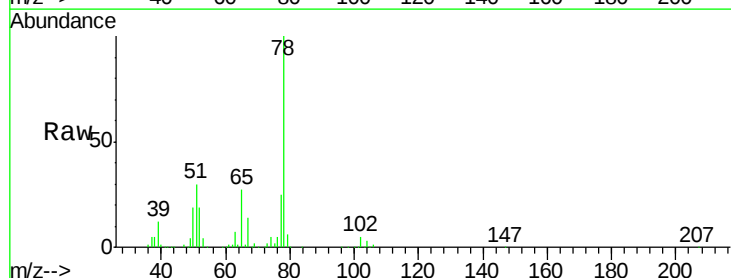
Manual Integrations
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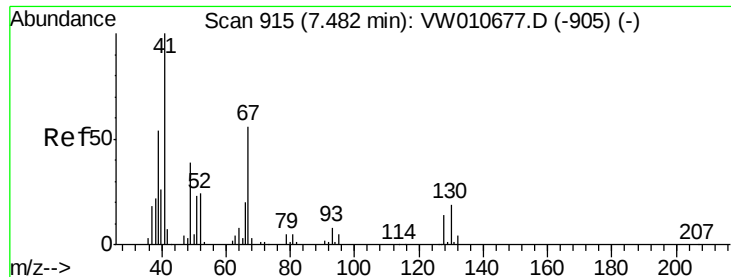
MMDadoda
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#40
Benzene
Concen: 20.103 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





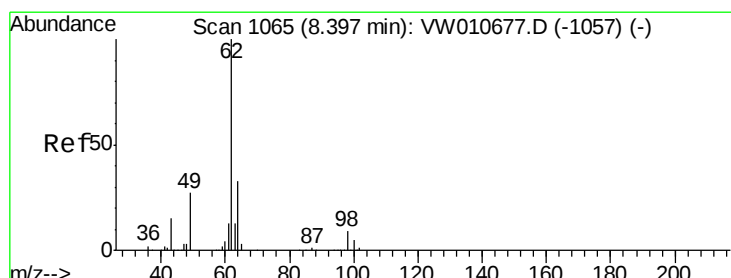
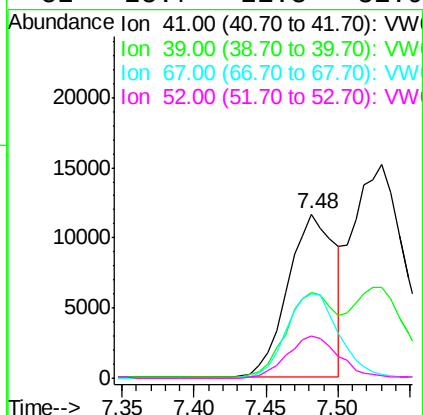
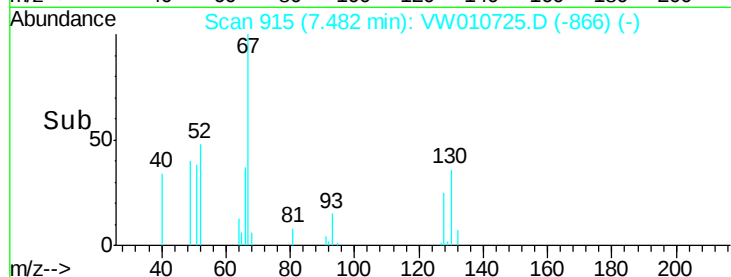
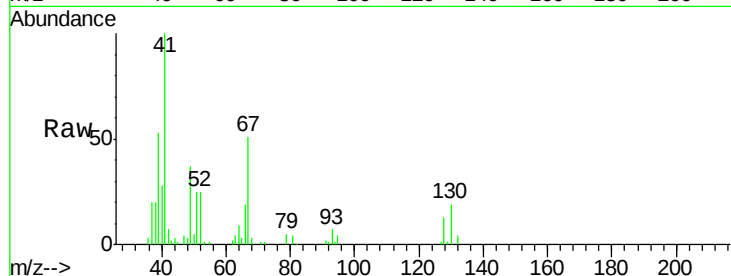
#41
Methacrylonitrile
Concen: 19.460 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		26612		
39	52.8		47.3	70.9	
67	57.9		47.2	70.8	
52	28.7		21.3	31.9	

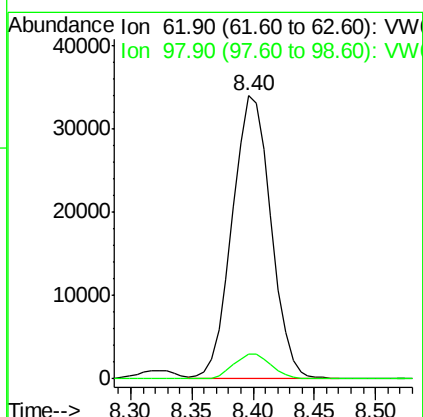
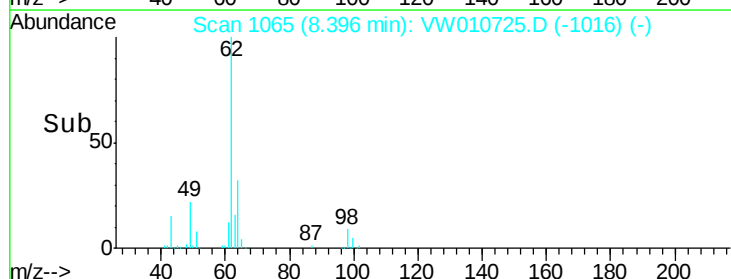
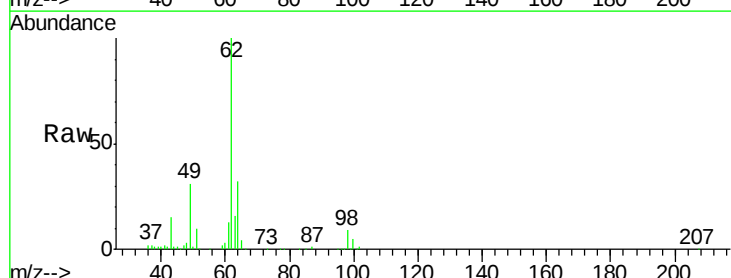
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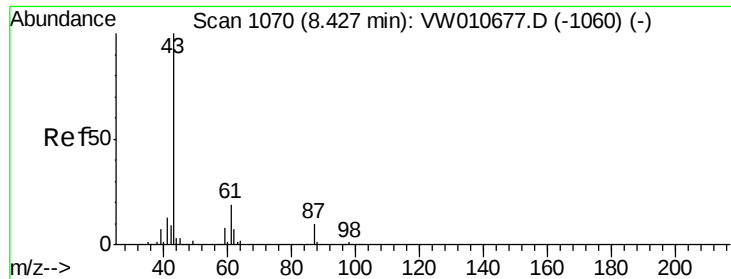
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.799 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		74765		
98	8.5		0.0	17.2	





#43

Isopropyl Acetate

Concen: 19.651 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

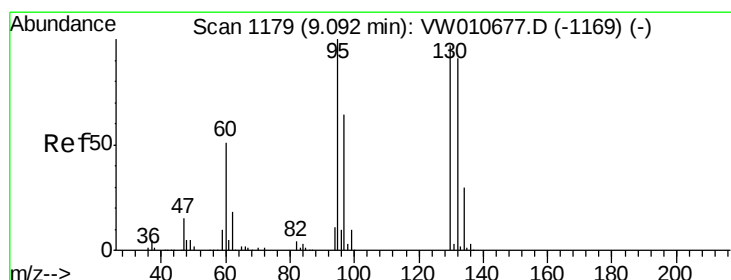
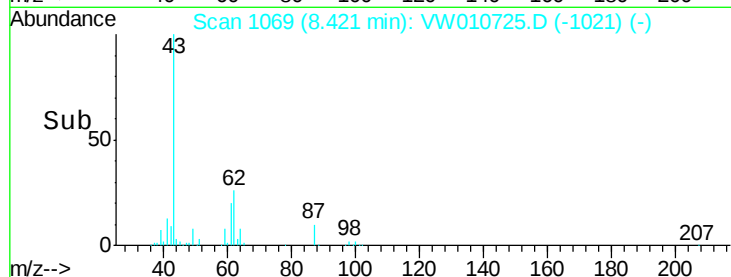
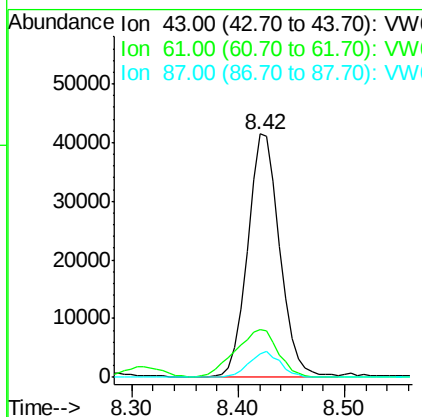
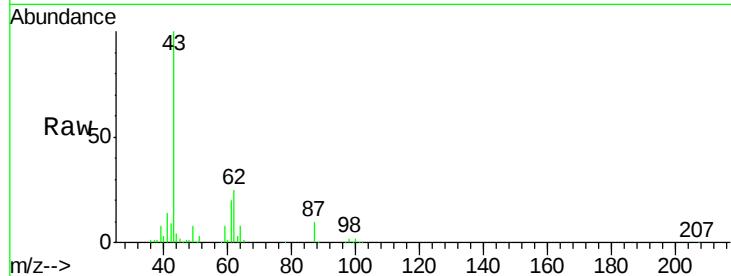
ClientSampleId :

VW0607SBS01

Tot Ion:	43	Resp:	87342
Ion	Ratio	Lower	Upper
43	100		
61	25.9	21.2	31.8
87	10.2	8.3	12.5

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#44

Trichloroethene

Concen: 19.924 ug/l

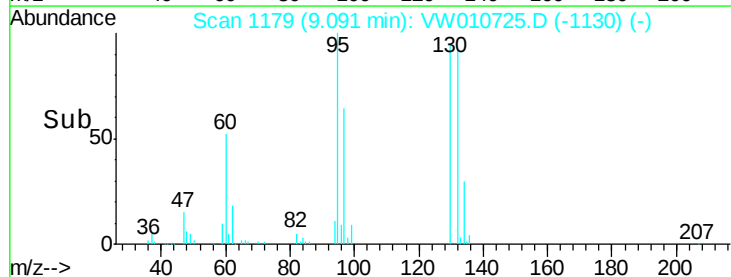
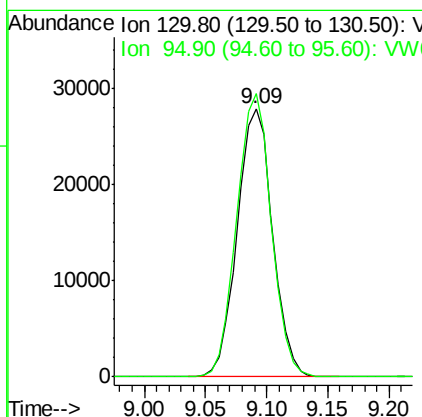
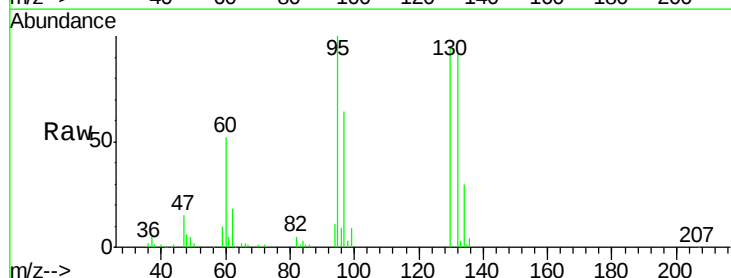
RT: 9.09 min Scan# 1179

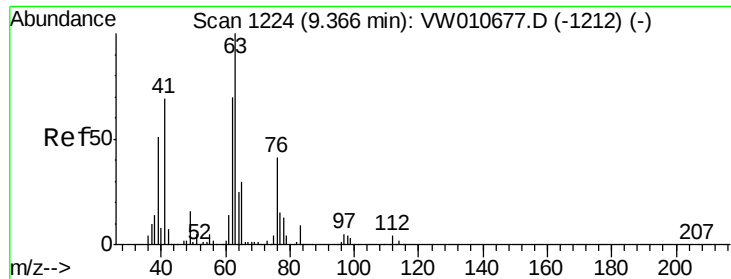
Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion:	130	Resp:	55666
Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	207.0





#45

1,2-Dichloropropane

Concen: 20.507 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 63 Resp: 61484

Ion Ratio Lower Upper

63 100

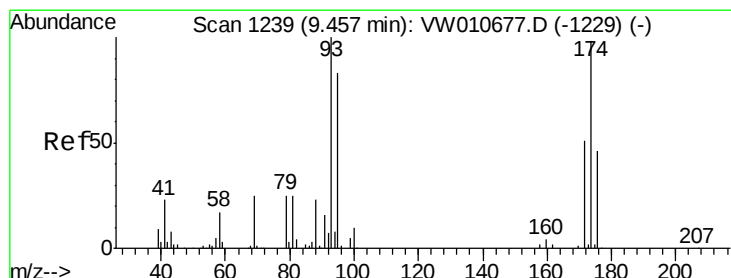
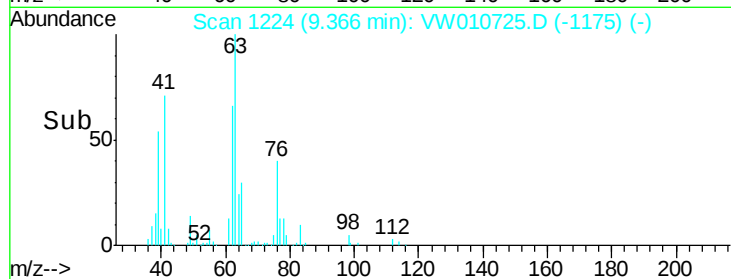
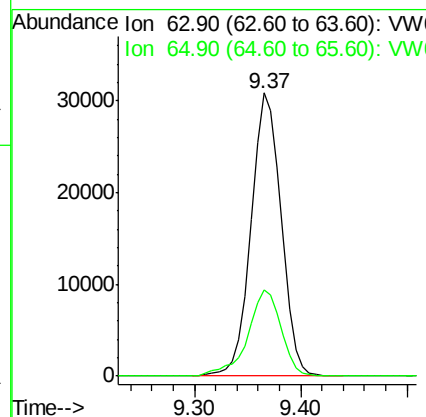
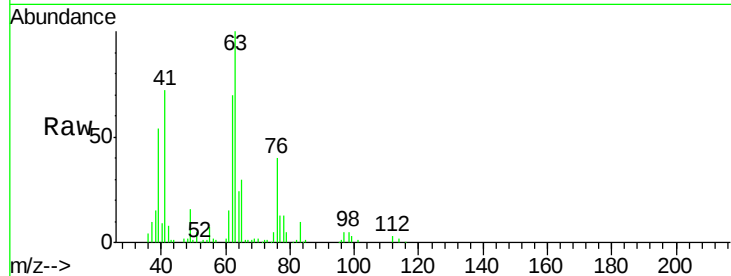
65 30.5 23.8 35.6

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#46

Dibromomethane

Concen: 20.202 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

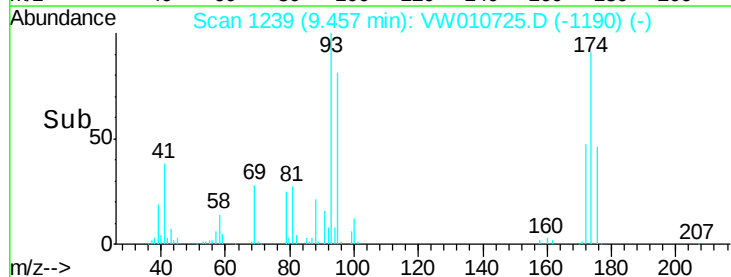
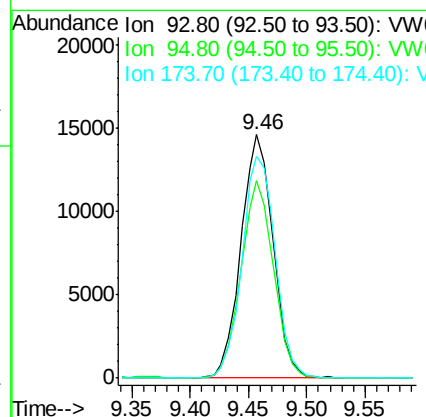
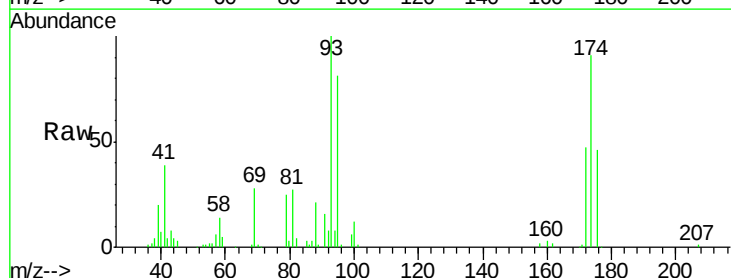
Tgt Ion: 93 Resp: 28133

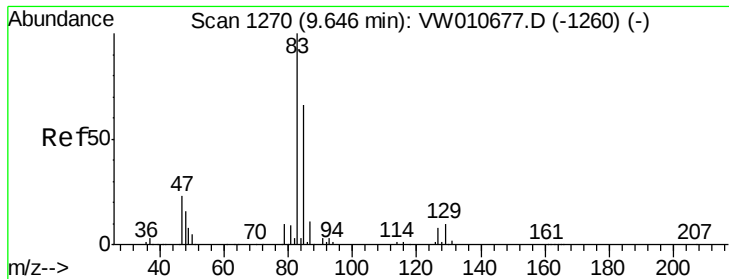
Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.8

174 94.1 77.4 116.0





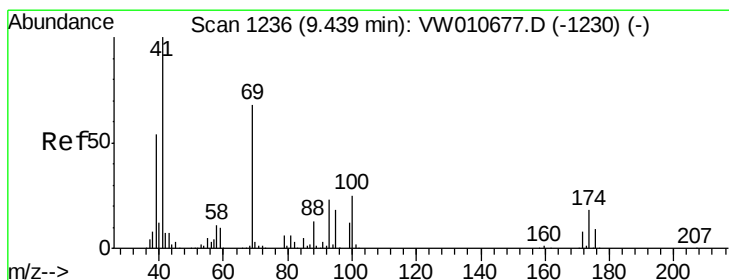
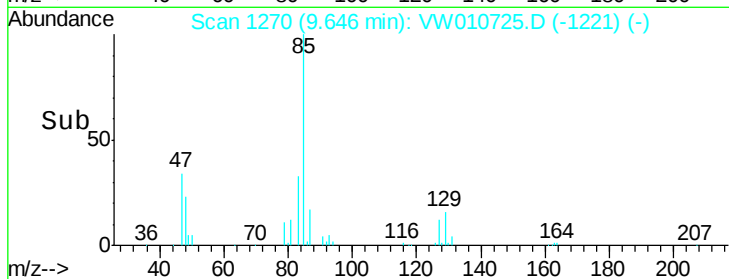
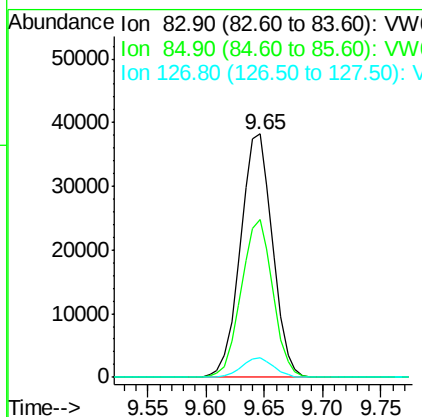
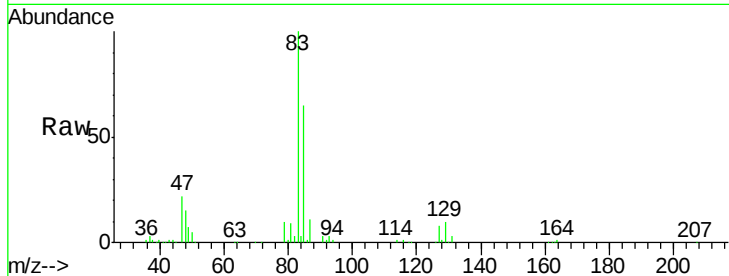
#47
Bromodichloromethane
Concen: 20.383 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	83	Resp	73579
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	53.0	79.4
127	8.0	6.4	9.6

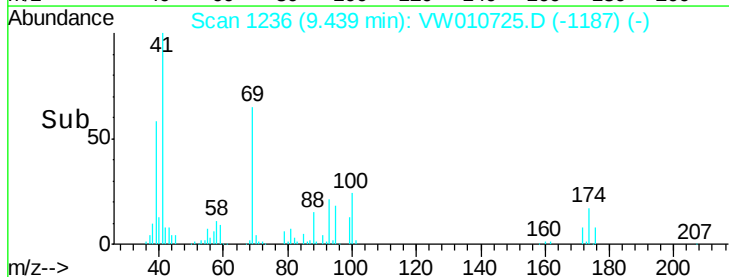
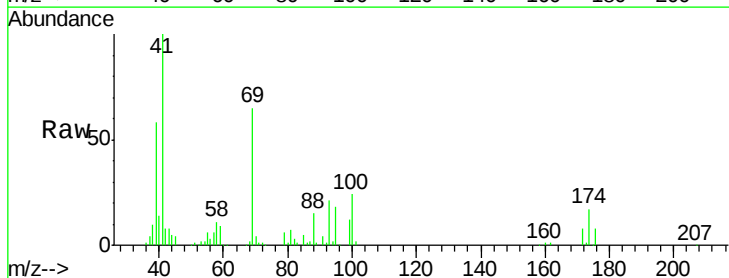
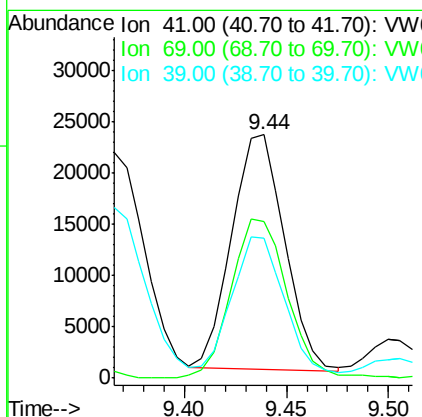
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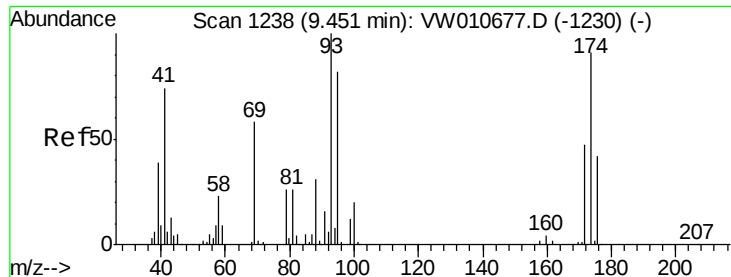
MMDadoda
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#48
Methyl methacrylate
Concen: 19.249 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	41	Resp	41250
Ion Ratio	100	Lower	Upper
41	100		
69	72.2	56.6	85.0
39	56.9	44.4	66.6





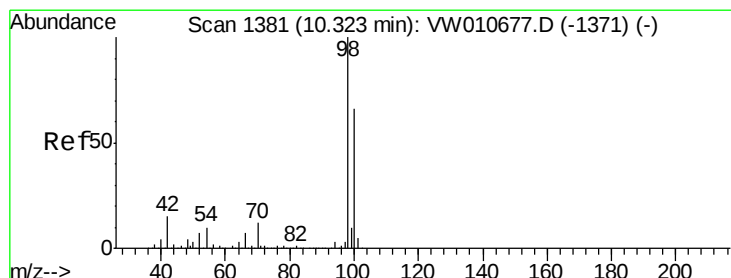
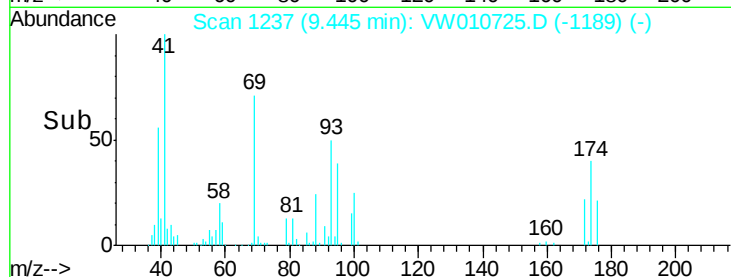
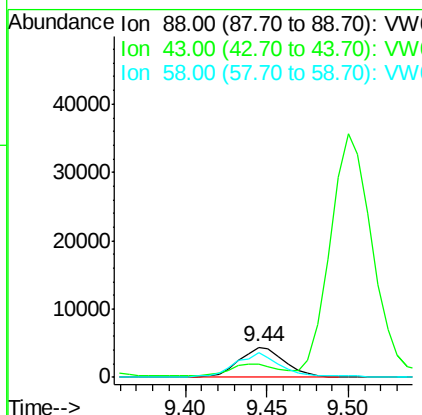
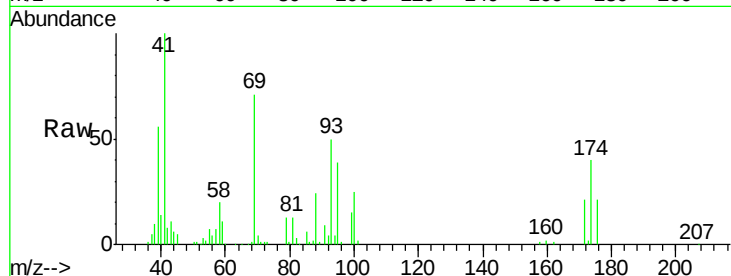
#49
1,4-Dioxane
Concen: 391.413 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.2	34.2	51.4
58	82.4	69.0	103.4

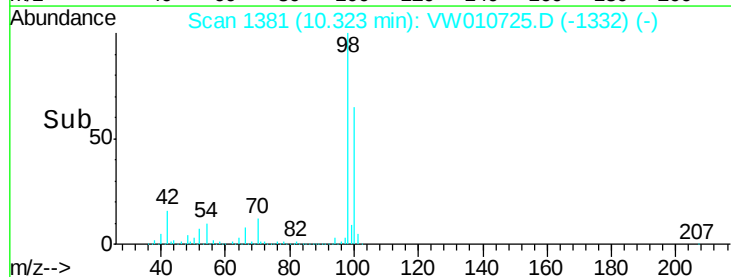
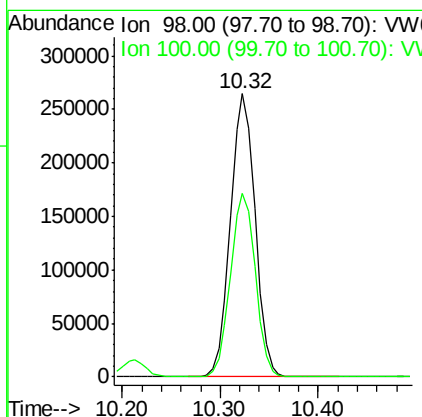
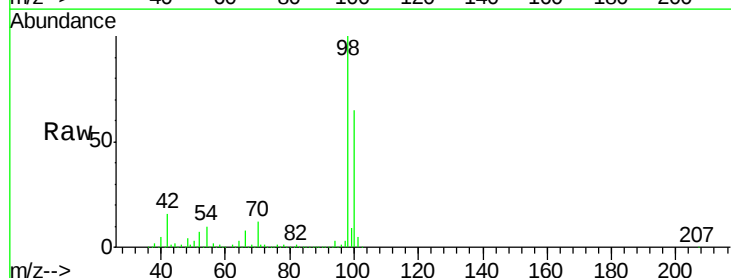
Manual Integrations
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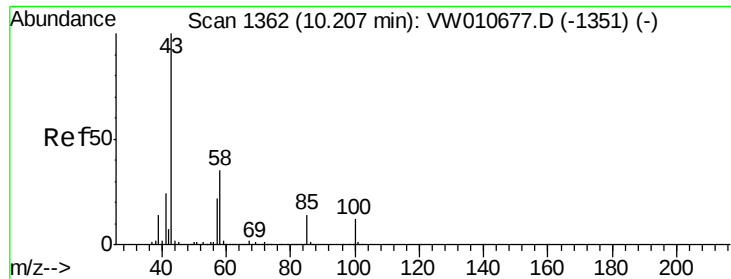
MMDadoda
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#50
Toluene-d8
Concen: 48.040 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 97.927 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampled :

VW0607SBS01

Tot Ion: 43 Resp: 222362

Ion Ratio Lower Upper

43 100

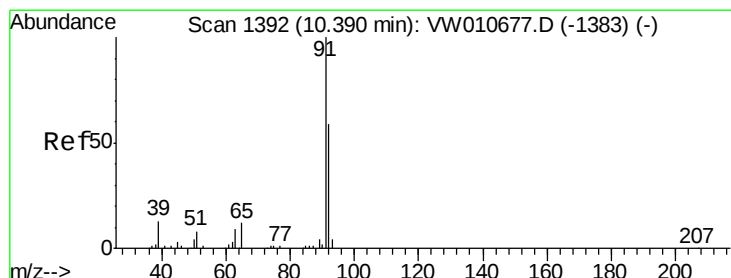
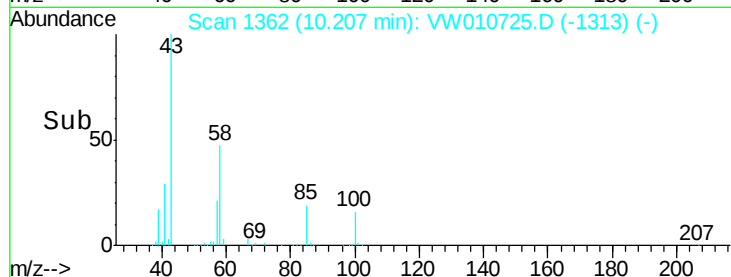
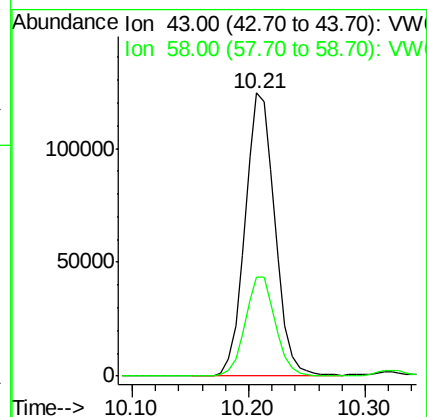
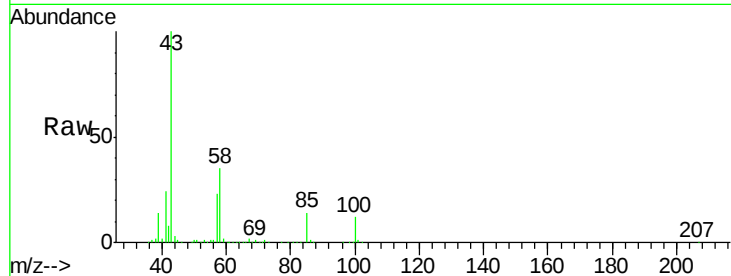
58 35.3 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 20.057 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010725.D

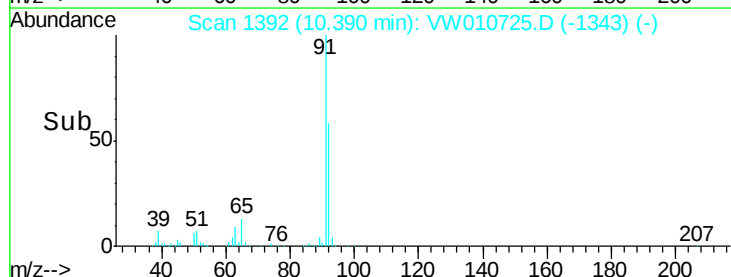
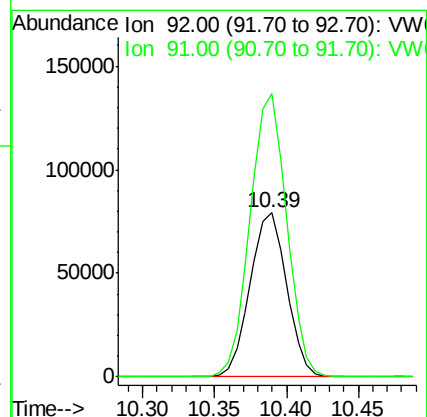
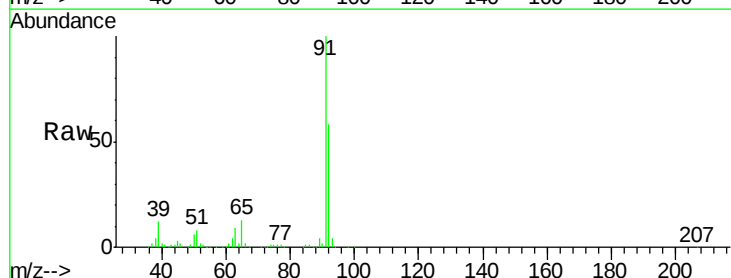
Acq: 07 Jun 2019 13:30

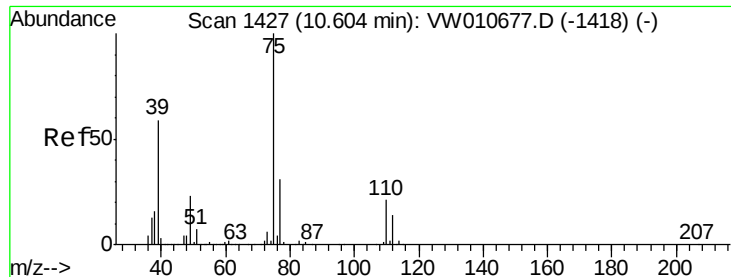
Tgt Ion: 92 Resp: 139772

Ion Ratio Lower Upper

92 100

91 171.7 134.9 202.3





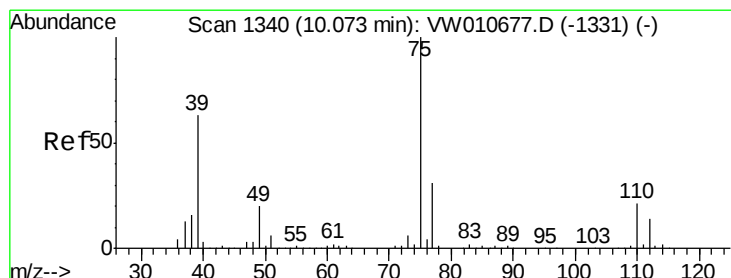
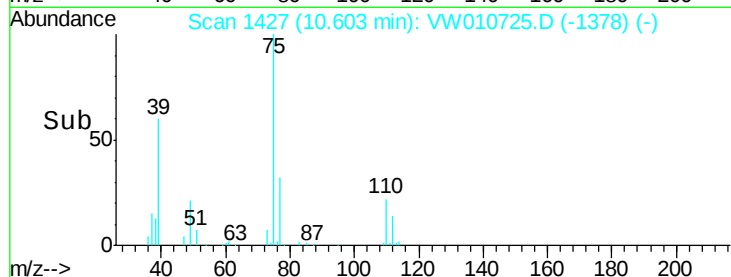
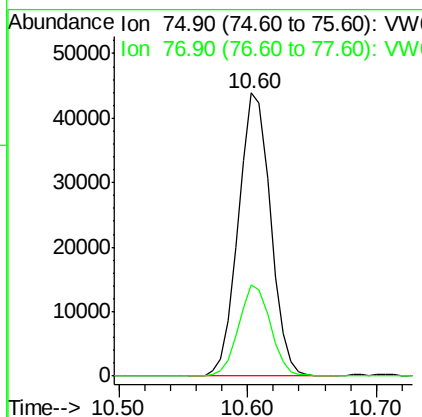
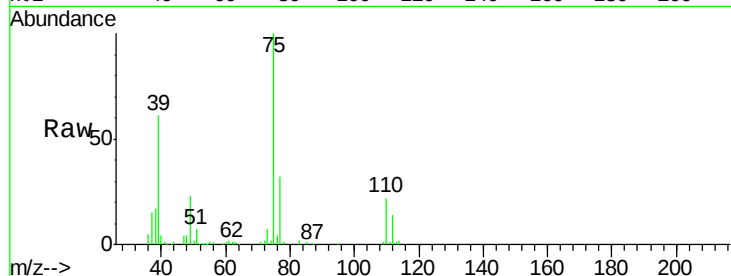
#53
t-1,3-Dichloropropene
Concen: 19.892 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	36.8

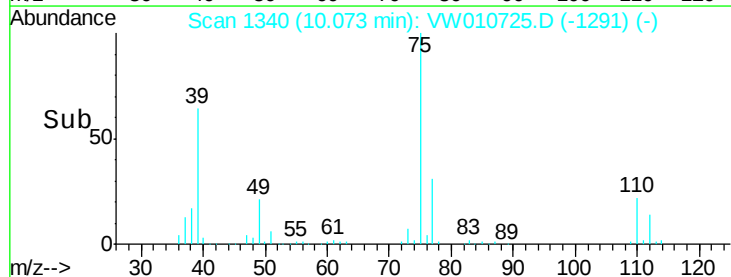
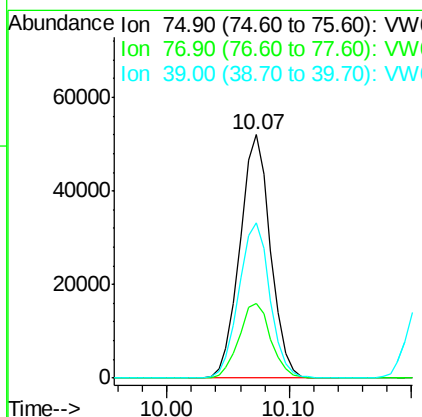
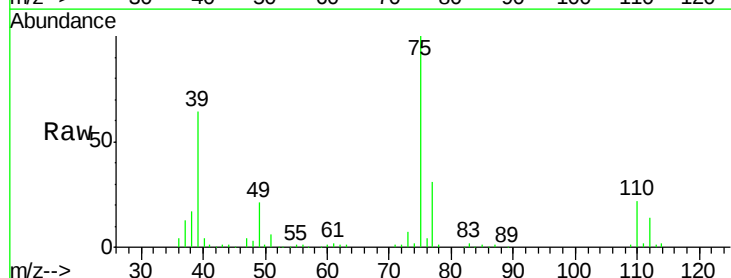
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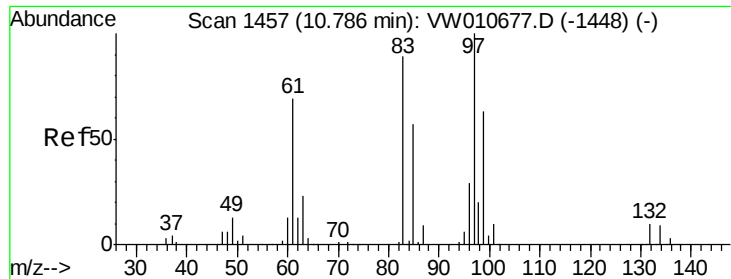
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#54
cis-1,3-Dichloropropene
Concen: 20.056 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.2	37.8
39	63.7	50.1	75.1





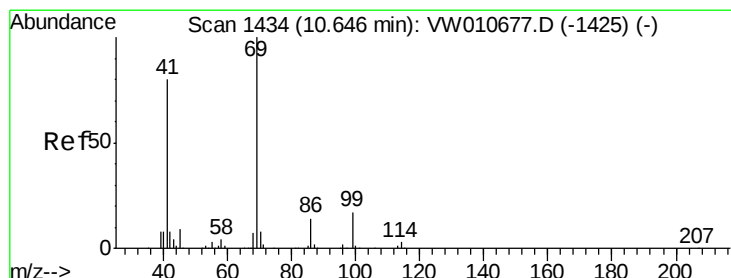
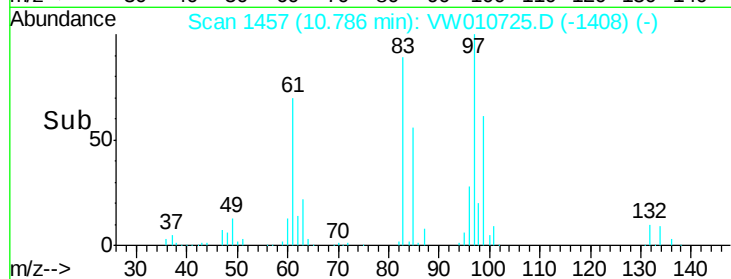
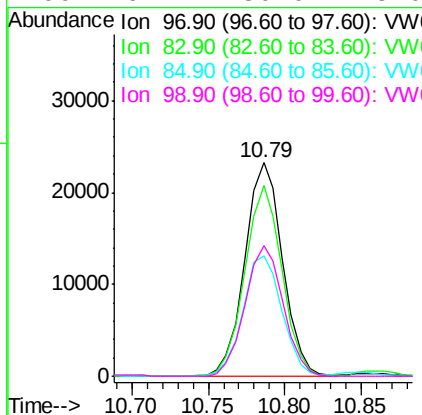
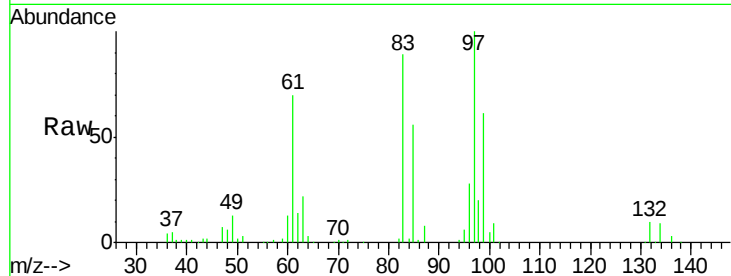
#55
 1,1,2-Trichloroethane
 Concen: 19.851 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion:	97	Resp:	39824
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.1	106.7
85	56.3	45.2	67.8
99	61.2	50.0	75.0

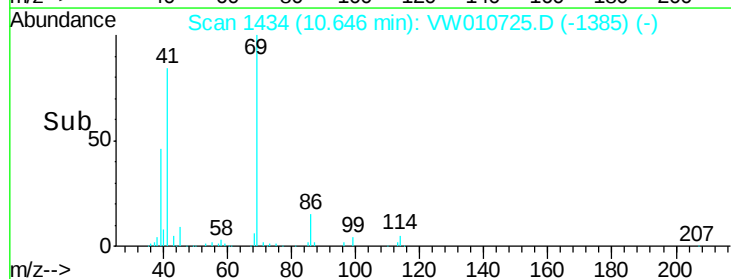
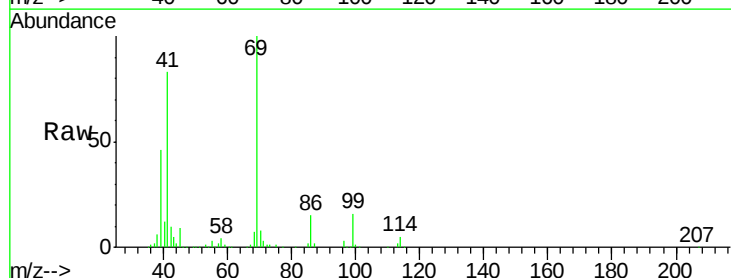
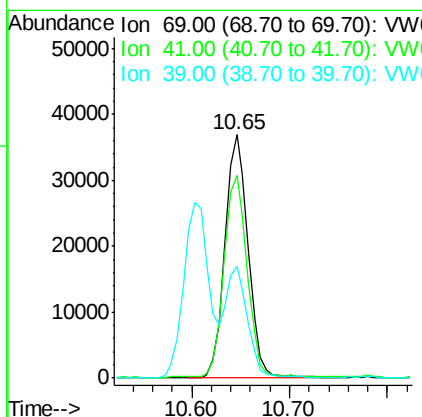
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#56
 Ethyl methacrylate
 Concen: 19.706 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion:	69	Resp:	60832
Ion	Ratio	Lower	Upper
69	100		
41	82.2	64.8	97.2
39	42.7	32.2	48.2





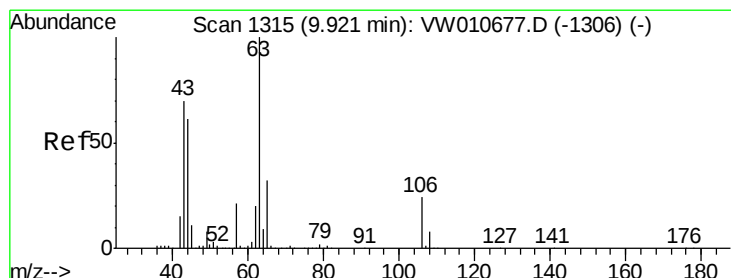
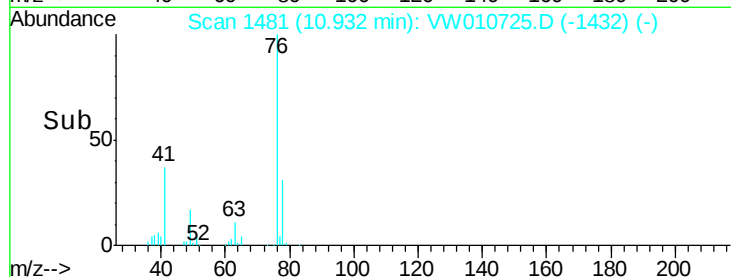
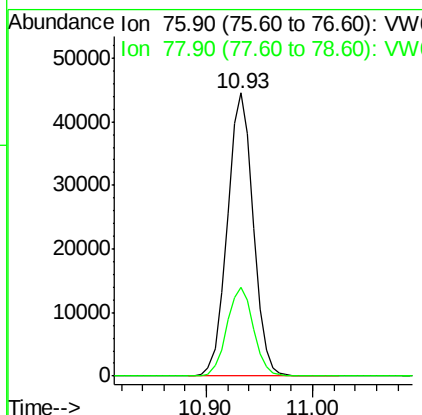
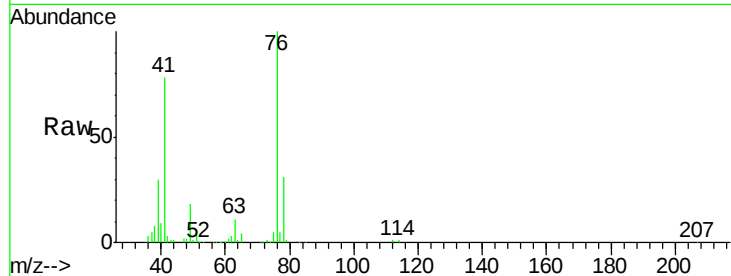
#57
 1,3-Dichloropropane
 Concen: 20.057 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion: 76 Resp: 75830
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

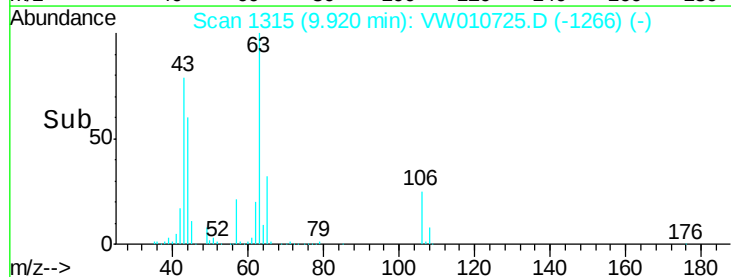
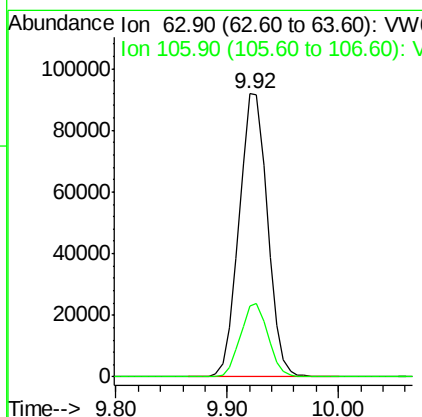
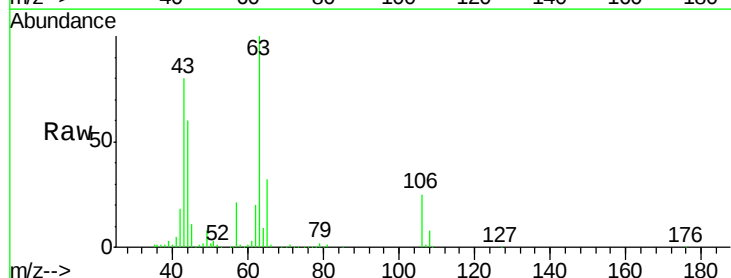
Manual Integrations
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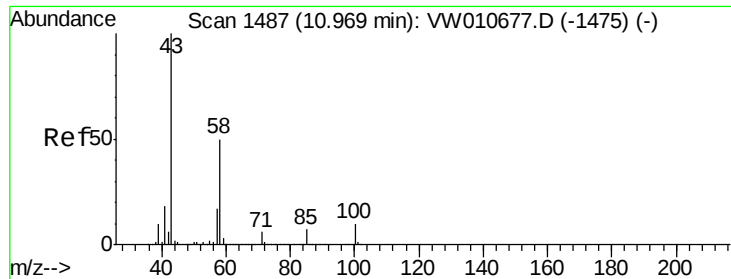
MMDadoda
 6/10/2019 12:24:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.973 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion: 63 Resp: 163260
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.1 30.1





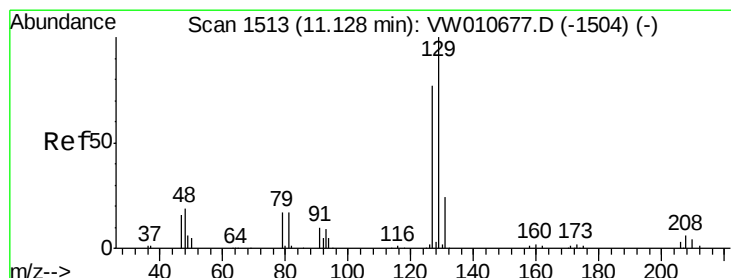
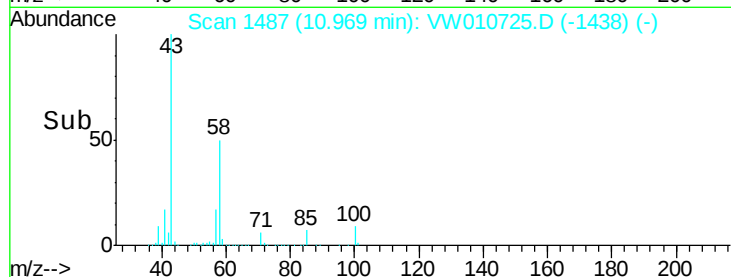
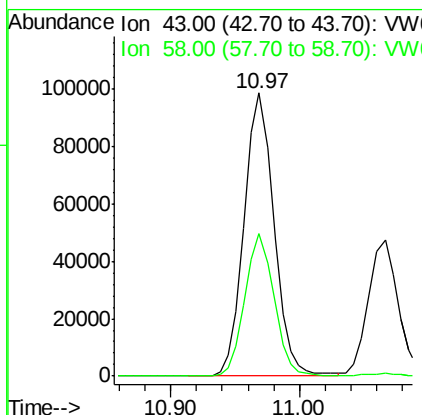
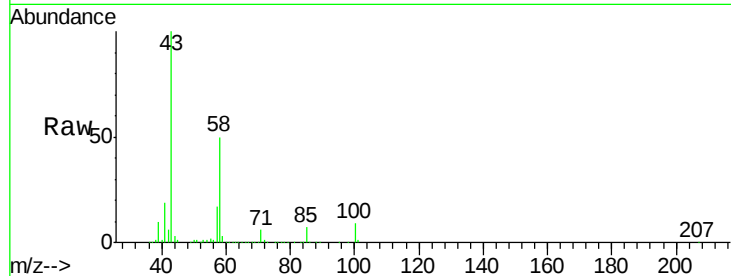
#59
2-Hexanone
Concen: 96.302 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion: 43 Resp: 158039
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

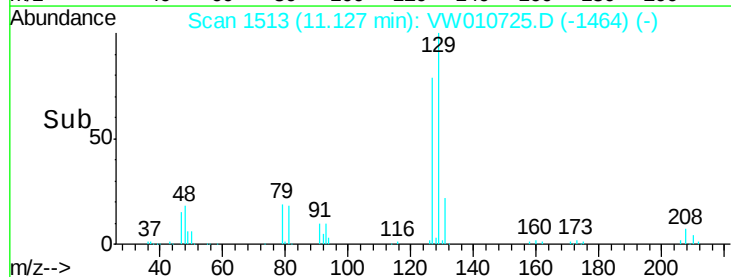
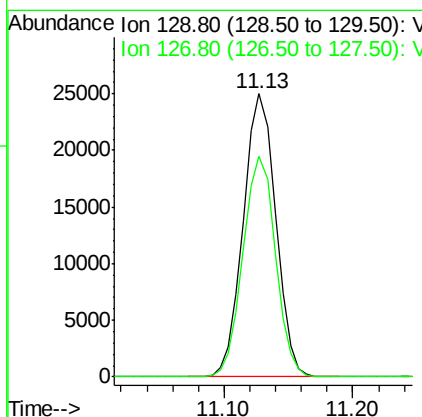
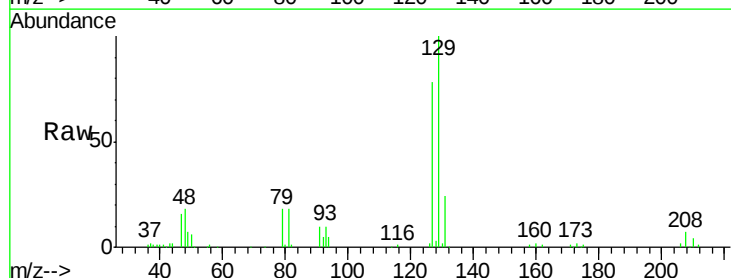
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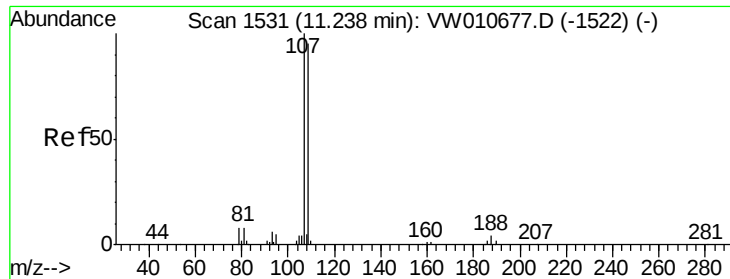
MMDadoda
6/10/2019 12:24:41 PM



#60
Dibromochloromethane
Concen: 19.644 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion:129 Resp: 43687
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.042 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 107 Resp: 38095

Ion Ratio Lower Upper

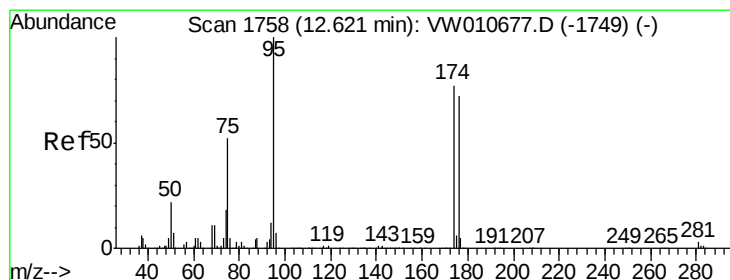
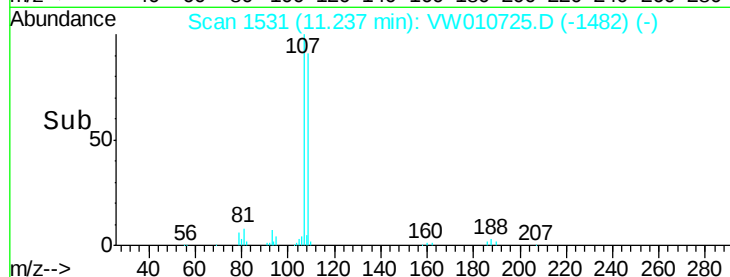
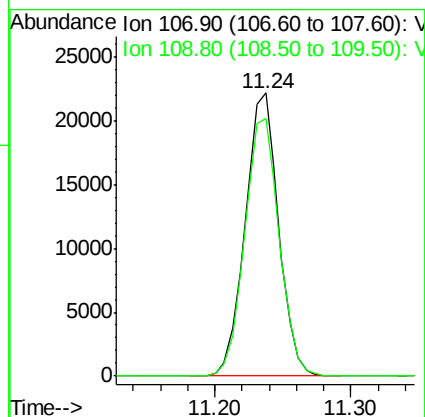
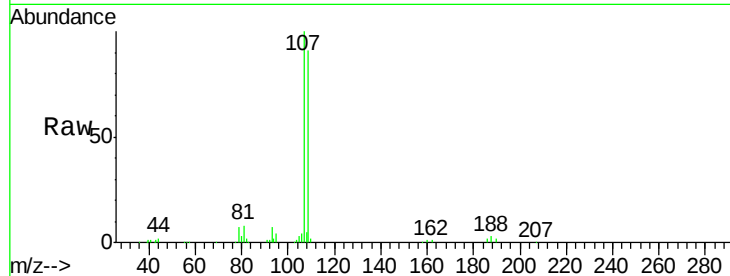
107 100

109 94.1 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 48.697 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

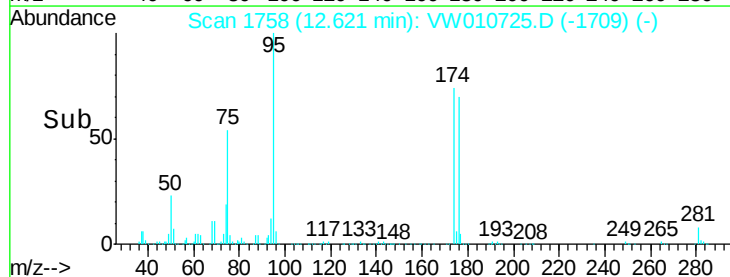
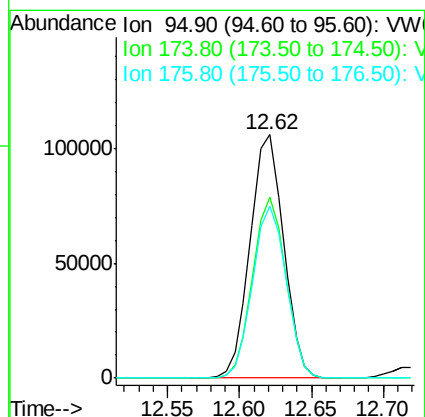
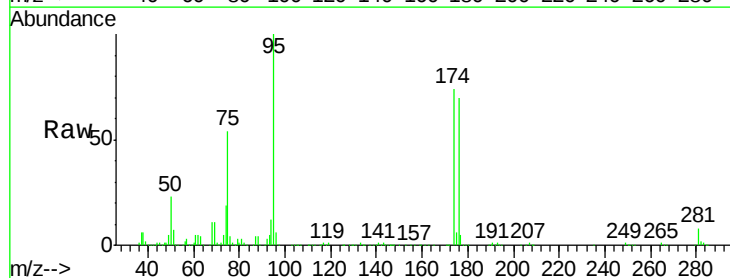
Tgt Ion: 95 Resp: 171069

Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.4

176 70.8 0.0 144.8





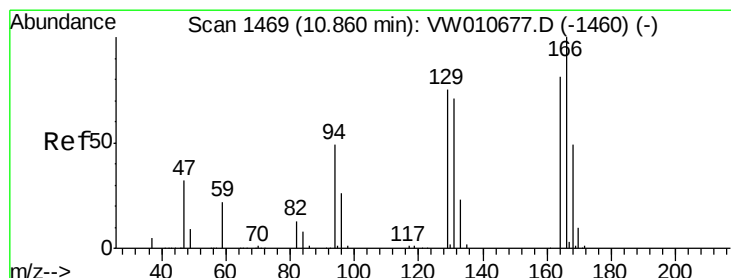
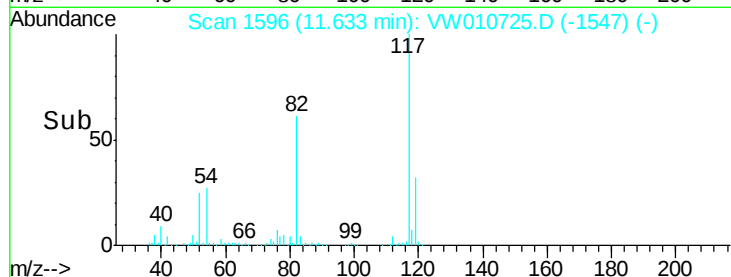
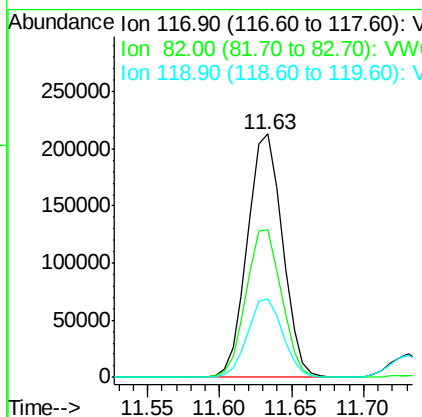
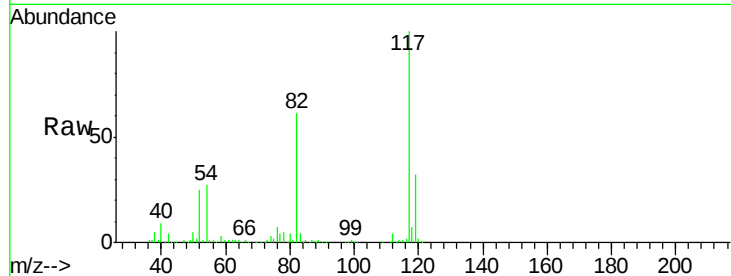
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360200		
82	60.6	47.0	70.4	
119	32.4	25.1	37.7	

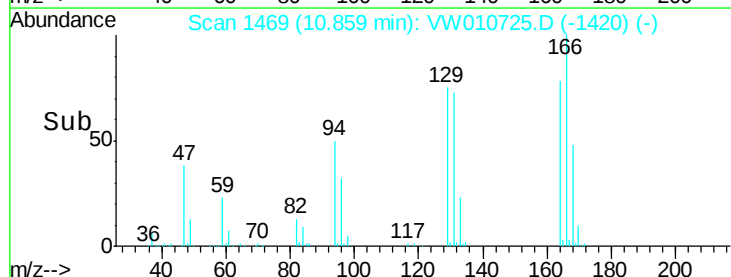
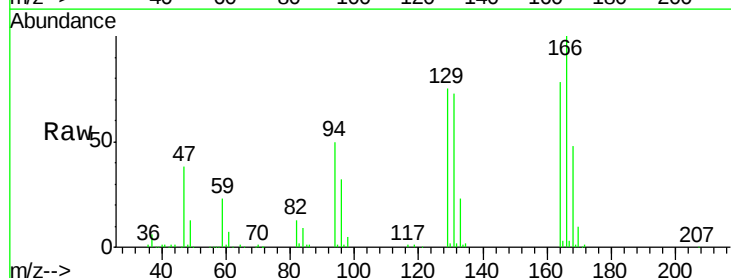
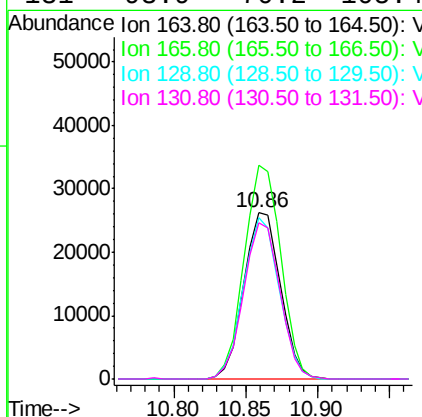
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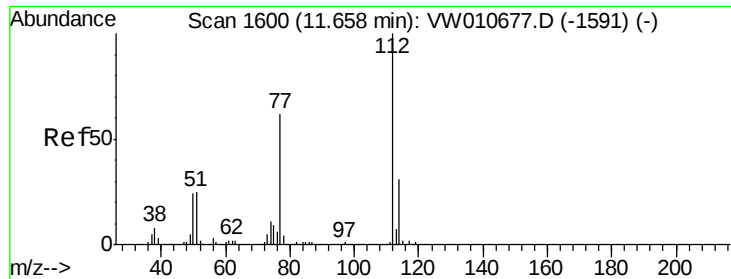
MMDadoda
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#64
Tetrachloroethene
Concen: 19.378 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46344		
166	128.4	99.2	148.8	
129	96.9	74.6	112.0	
131	93.9	70.2	105.4	





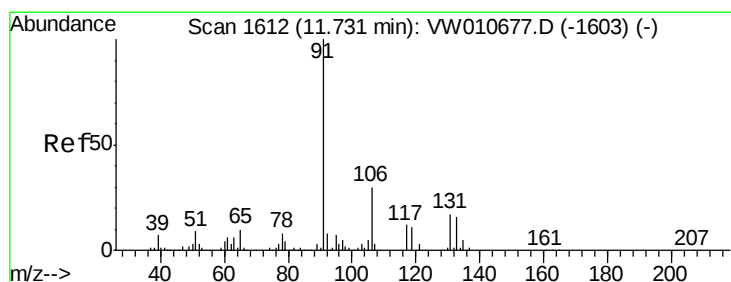
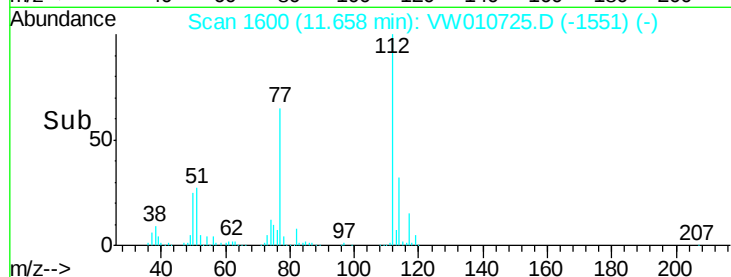
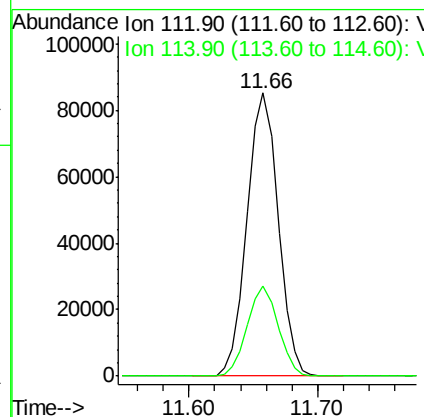
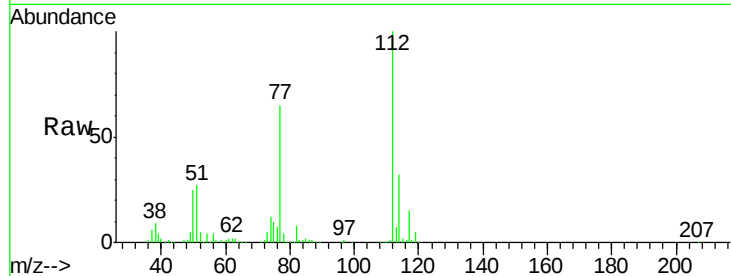
#65
Chlorobenzene
Concen: 20.114 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion:112 Resp: 142470
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2

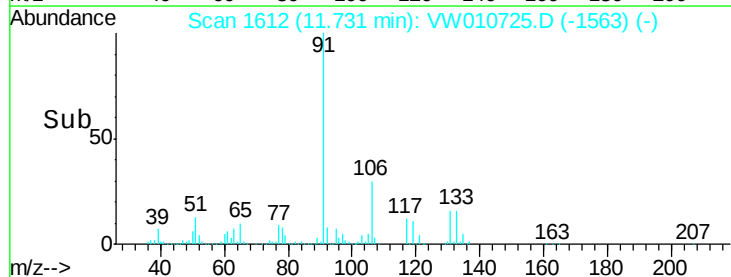
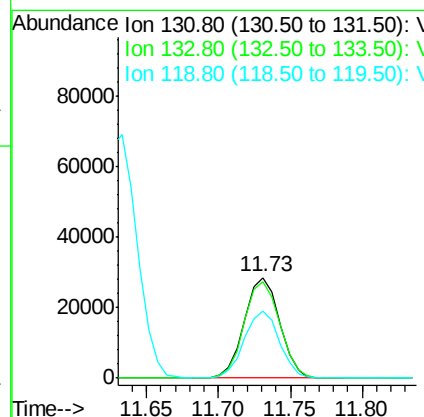
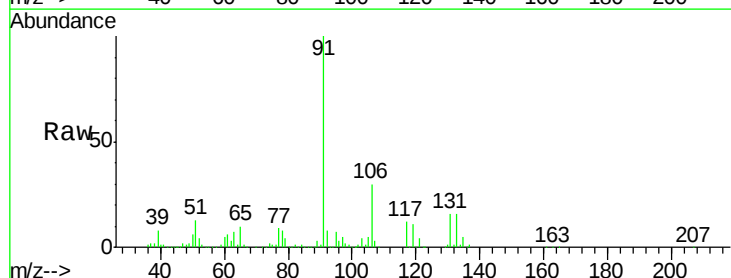
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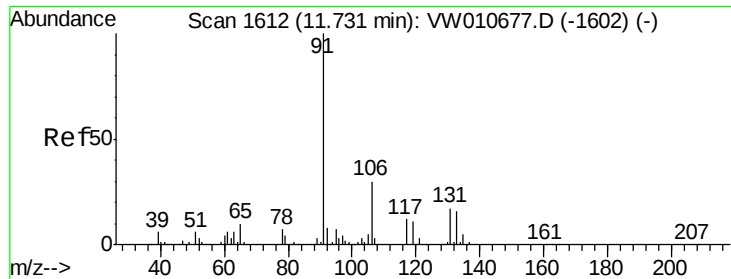
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.768 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion:131 Resp: 48472
Ion Ratio Lower Upper
131 100
133 96.9 47.3 141.9
119 66.8 32.4 97.0





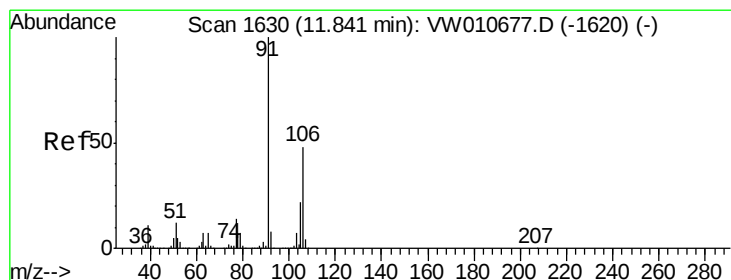
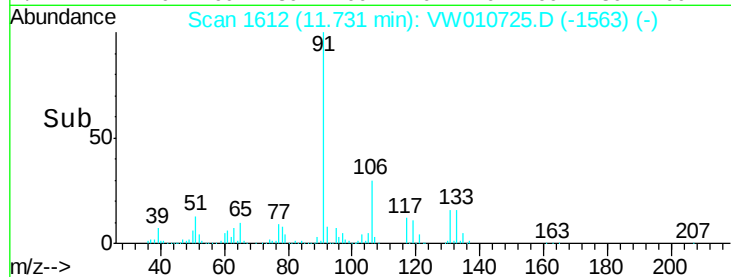
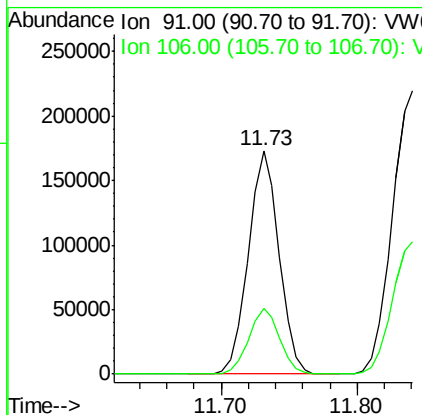
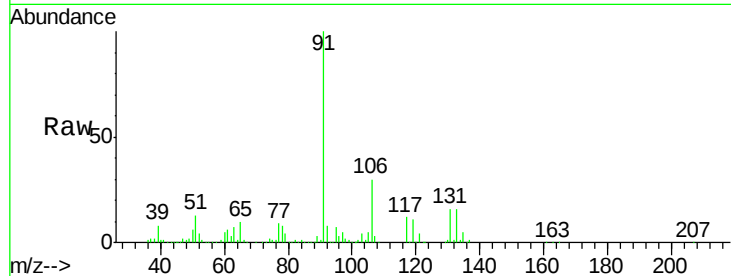
#67
Ethyl Benzene
Concen: 20.087 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion: 91 Resp: 273451
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4

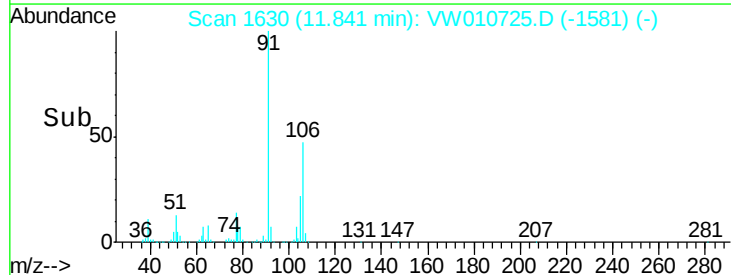
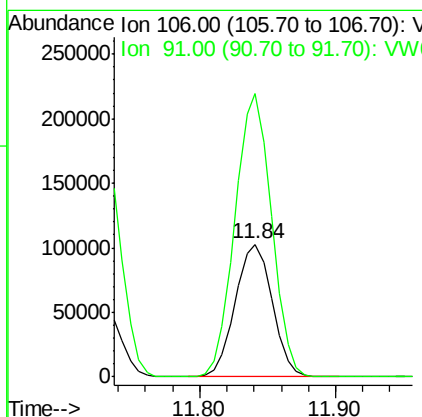
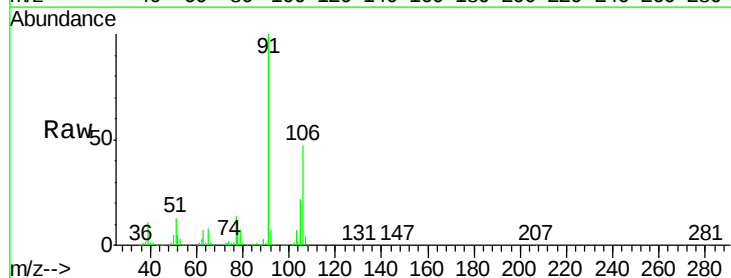
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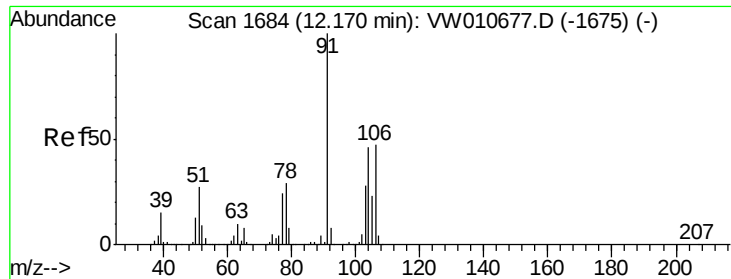
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#68
m/p-Xylenes
Concen: 39.995 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion: 106 Resp: 194898
Ion Ratio Lower Upper
106 100
91 211.1 166.5 249.7





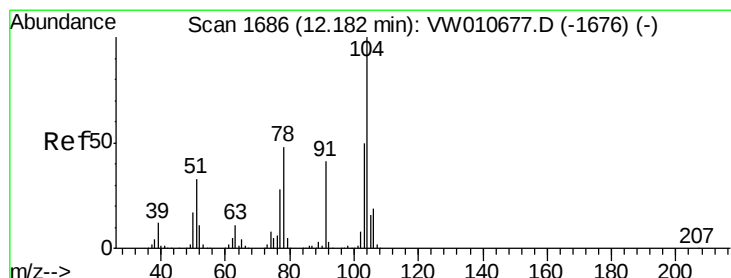
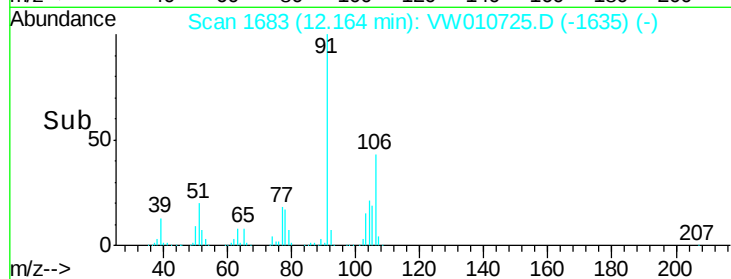
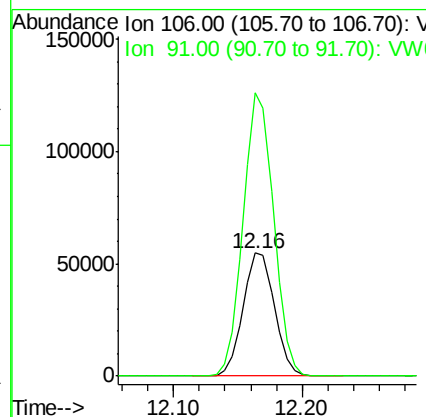
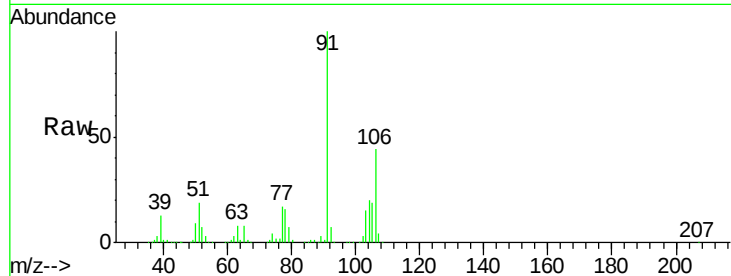
#69
o-Xylene
Concen: 19.890 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampled :
VW0607SBS01

Tot Ion:106 Resp: 91929
Ion Ratio Lower Upper
106 100
91 224.5 108.9 326.6

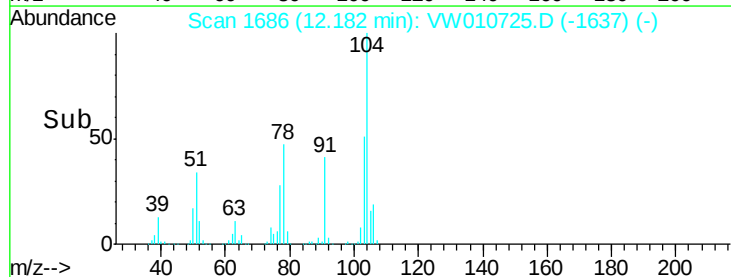
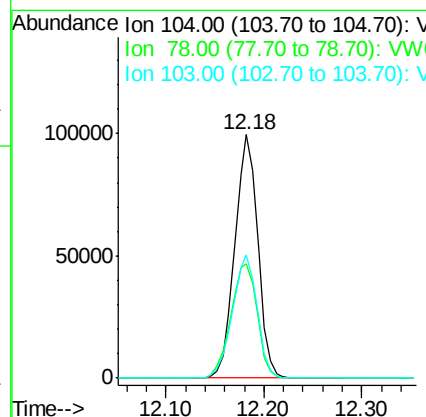
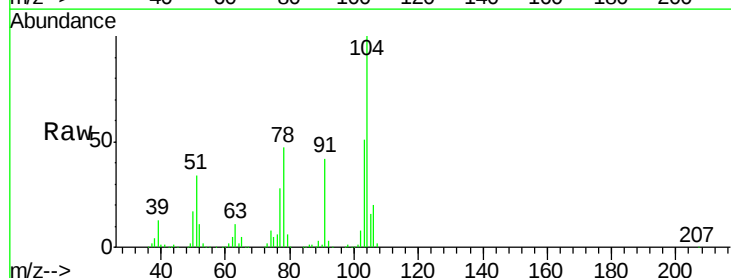
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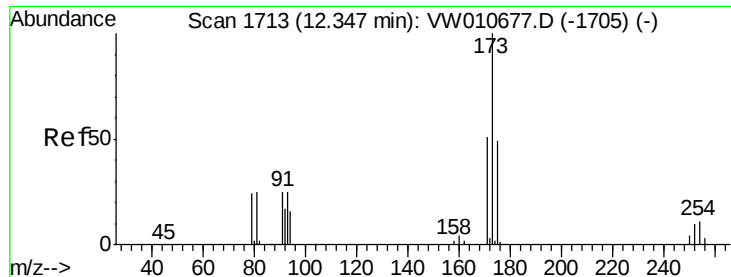
MMDadoda
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#70
Styrene
Concen: 20.162 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion:104 Resp: 161875
Ion Ratio Lower Upper
104 100
78 53.9 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 19.135 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion:173 Resp: 24265

Ion Ratio Lower Upper

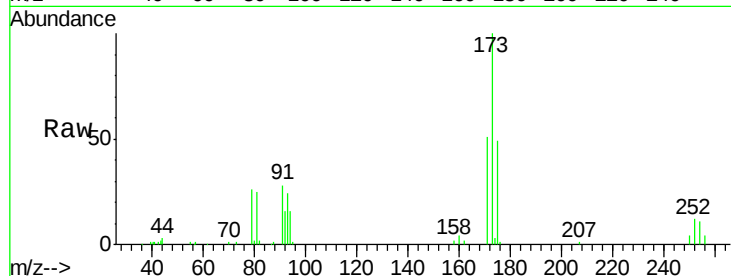
173 100

175 49.0 24.3 72.8

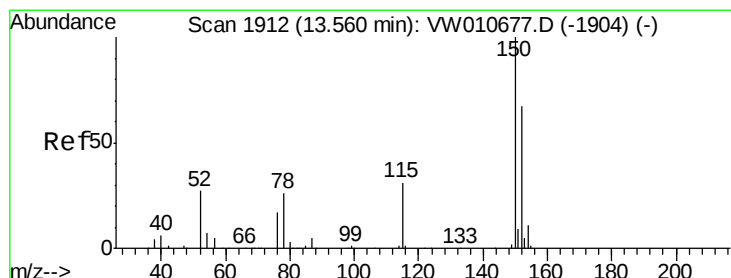
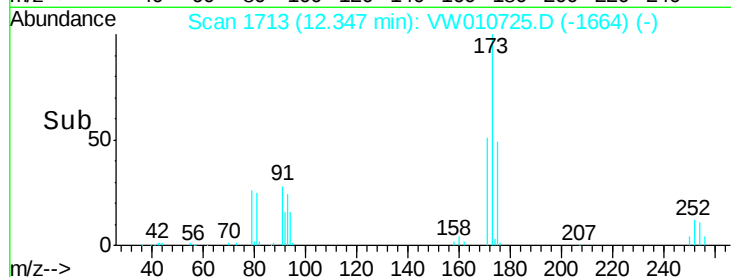
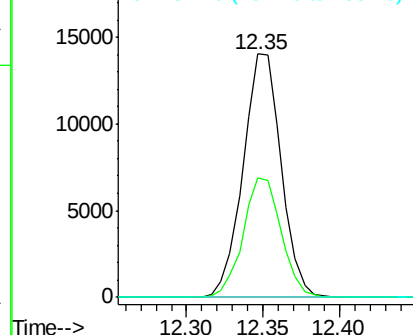
254 0.0 0.1 0.1#

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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: VW010725.D

Acq: 07 Jun 2019 13:30

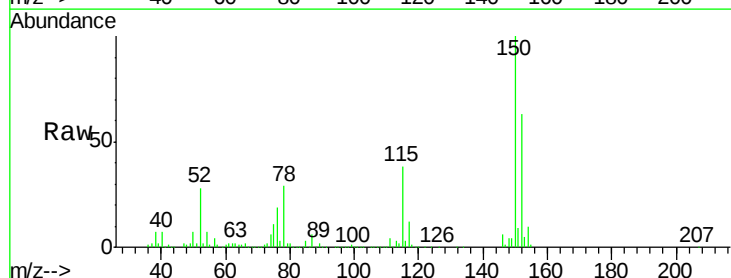
Tgt Ion:152 Resp: 174598

Ion Ratio Lower Upper

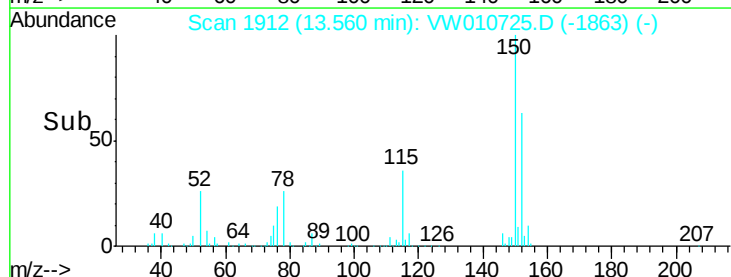
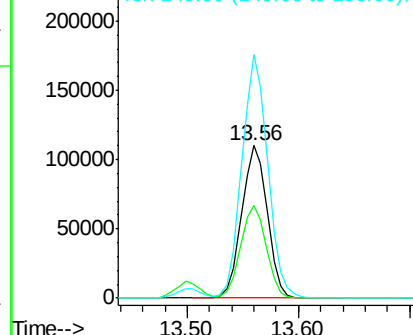
152 100

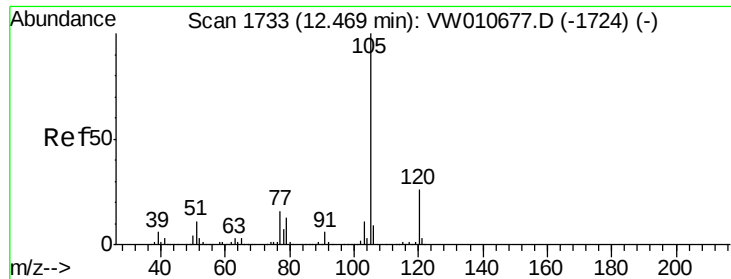
115 60.6 29.8 89.3

150 162.5 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: 19.813 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion:105 Resp: 259957

Ion Ratio Lower Upper

105 100

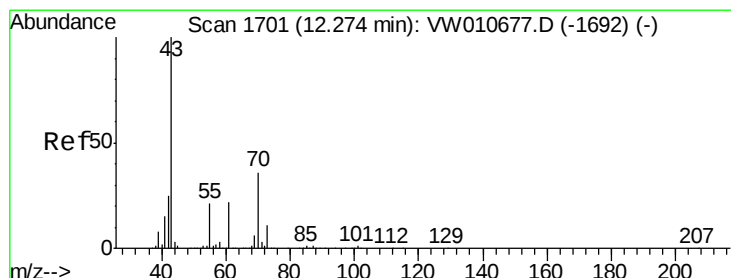
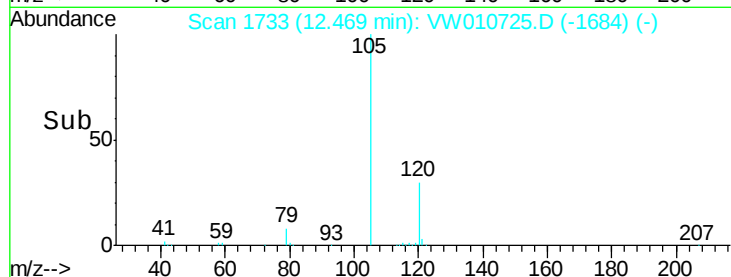
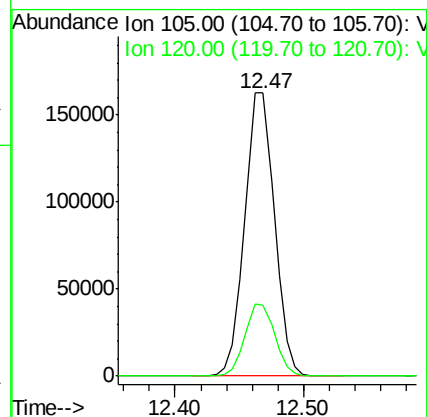
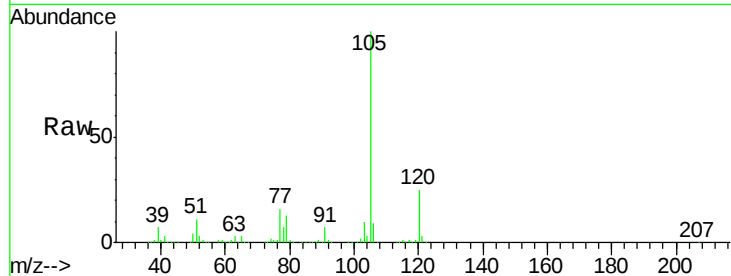
120 25.6 13.1 39.1

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#74

N-ethyl acetate

Concen: 19.686 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion: 43 Resp: 83473

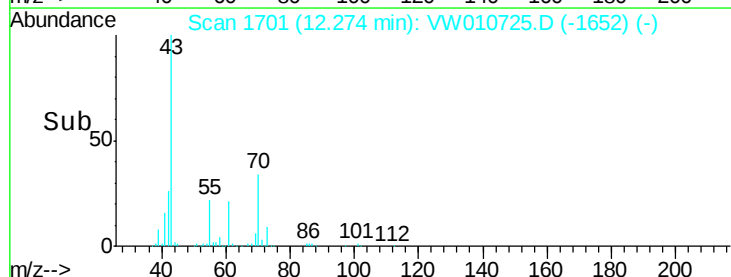
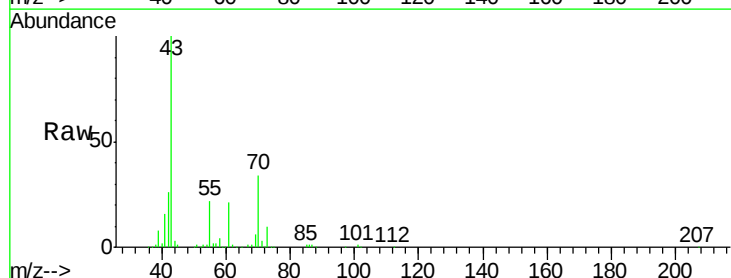
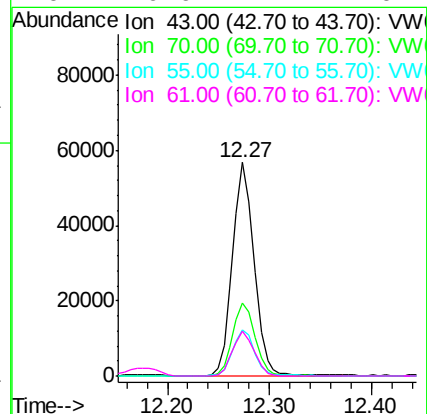
Ion Ratio Lower Upper

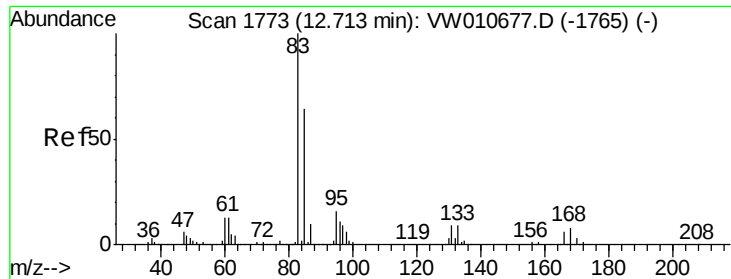
43 100

70 35.3 29.2 43.8

55 22.2 17.5 26.3

61 20.9 17.4 26.2





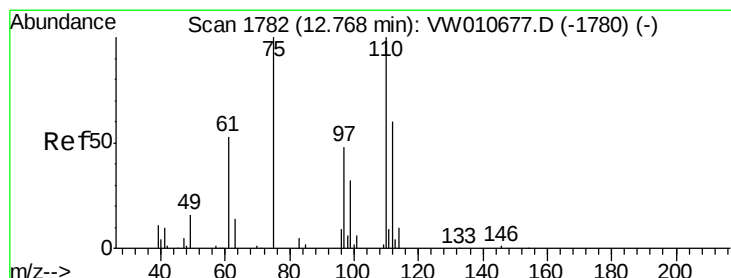
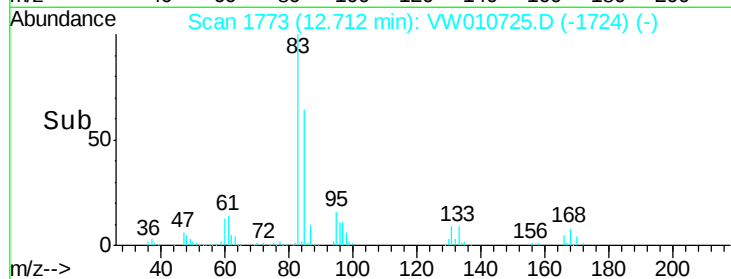
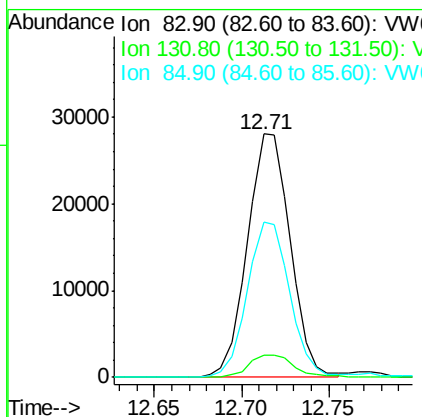
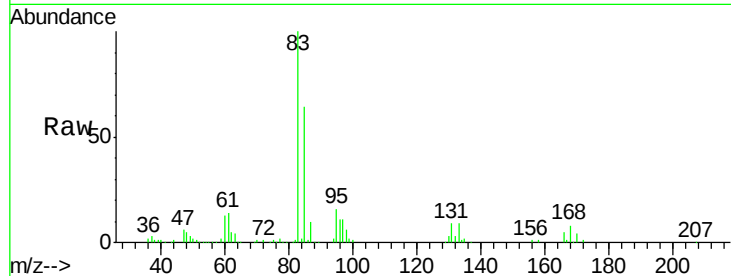
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.091 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	63.3	31.9	95.9

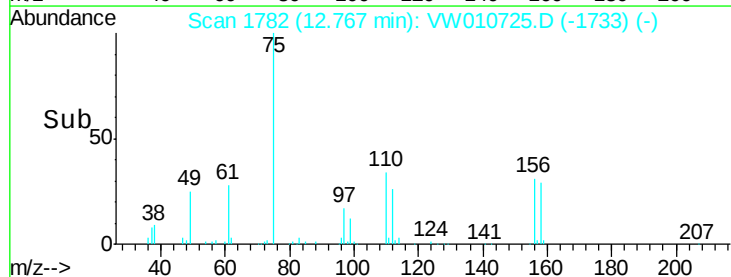
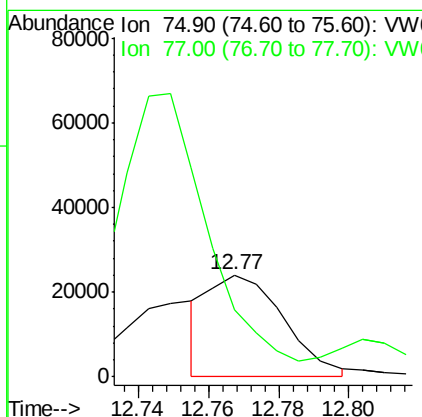
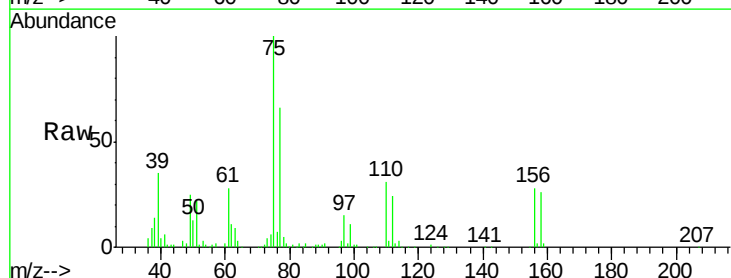
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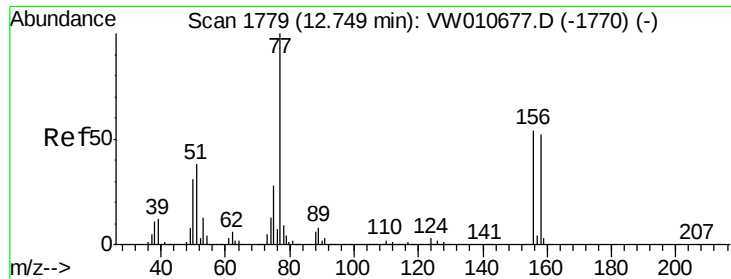
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 19.496 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	343.1	0.0	0.0#





#77

Bromobenzene

Concen: 19.563 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

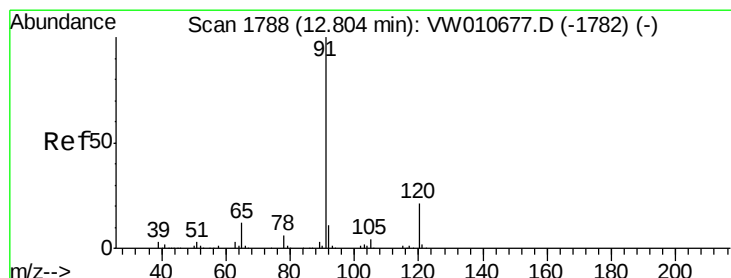
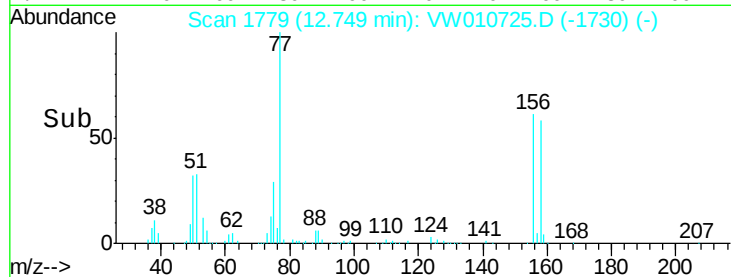
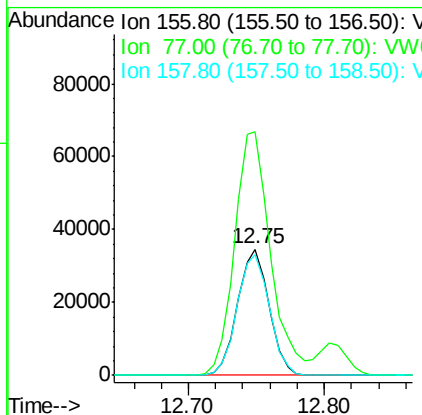
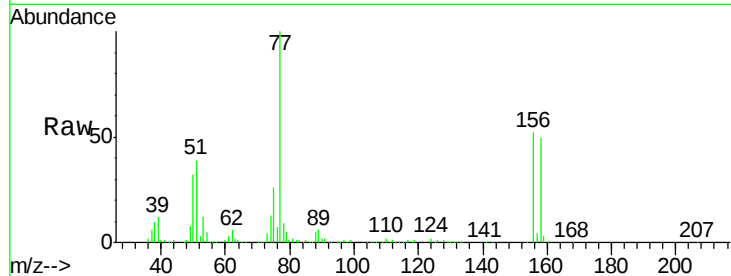
ClientSampleId :

VW0607SBS01

Tot Ion	156	Resp	56028
Ion Ratio	100	Lower	Upper
77	218.9	106.5	319.4
158	98.1	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 19.862 ug/l

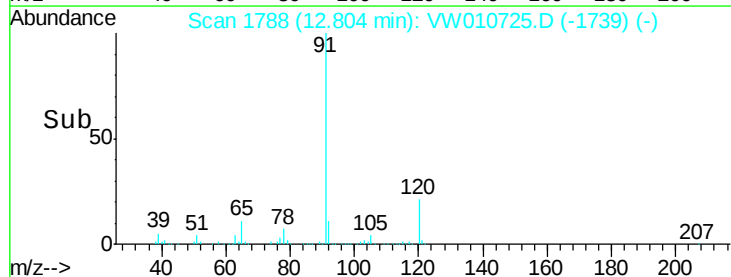
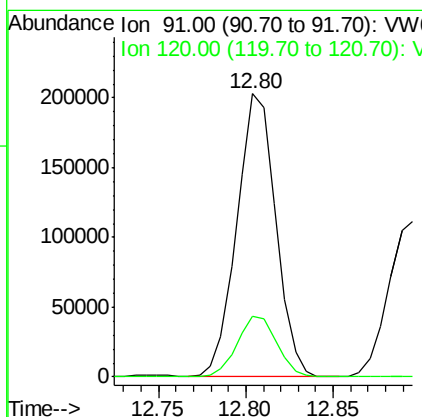
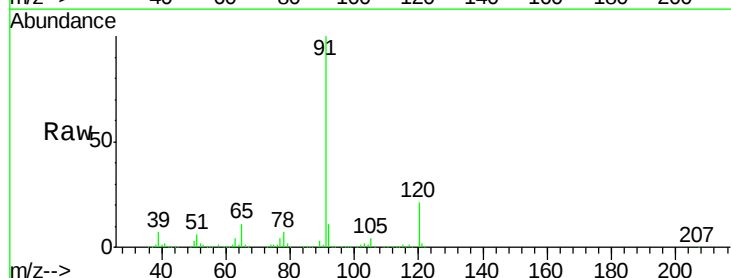
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion	91	Resp	314224
Ion Ratio	100	Lower	Upper
120	21.8	10.8	32.4





#79

2-Chlorotoluene

Concen: 19.969 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 91 Resp: 180487

Ion Ratio Lower Upper

91 100

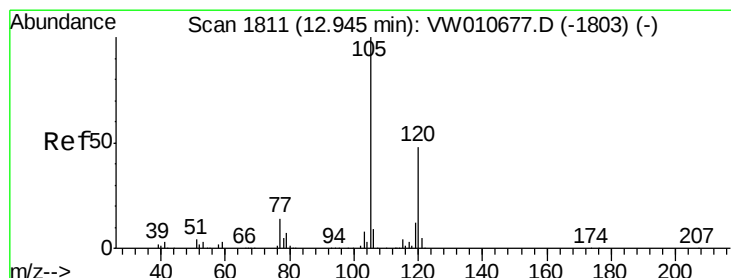
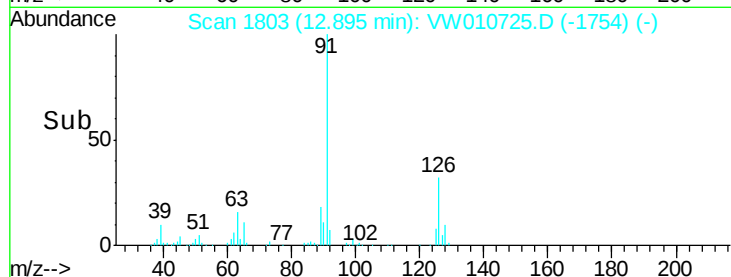
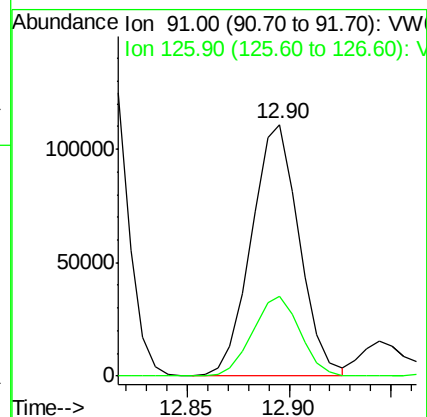
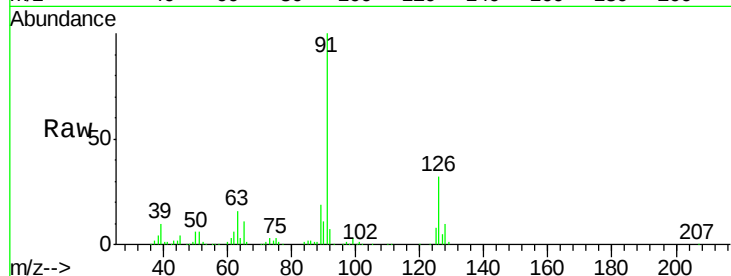
126 31.6 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.087 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010725.D

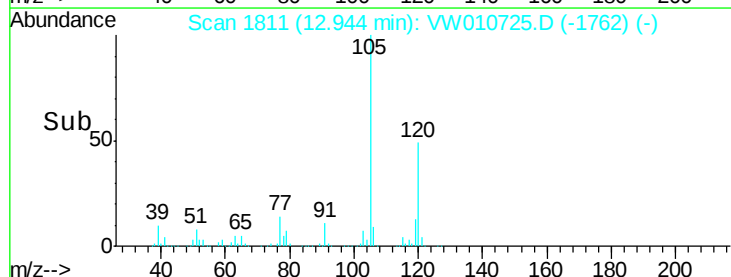
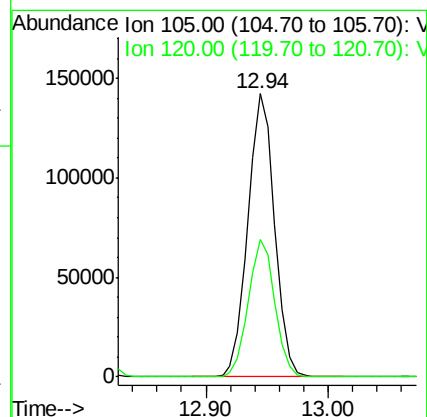
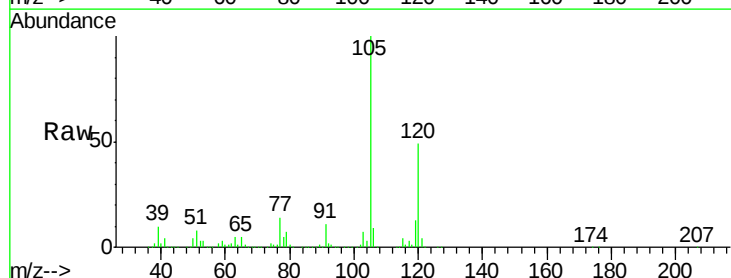
Acq: 07 Jun 2019 13:30

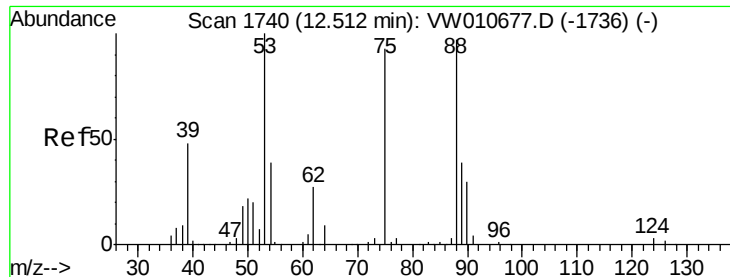
Tgt Ion:105 Resp: 215721

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.044 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion: 75 Resp: 14395

Ion Ratio Lower Upper

75 100

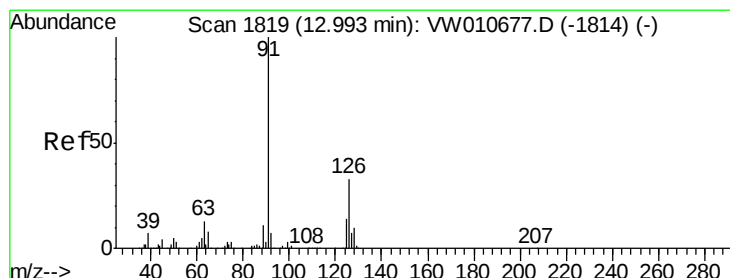
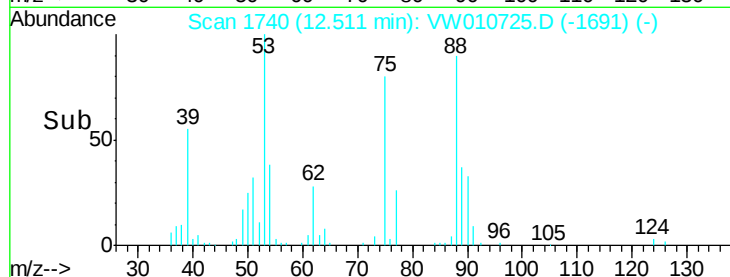
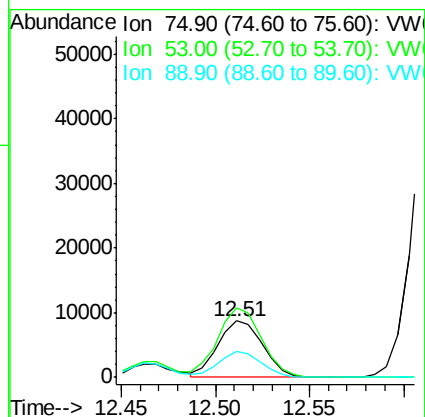
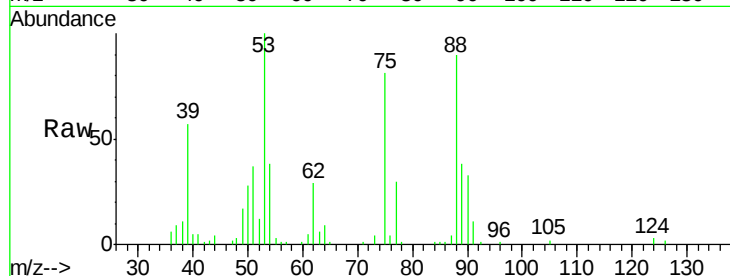
53 122.2 90.1 135.1

89 44.4 34.6 52.0

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#82

4-Chlorotoluene

Concen: 20.081 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010725.D

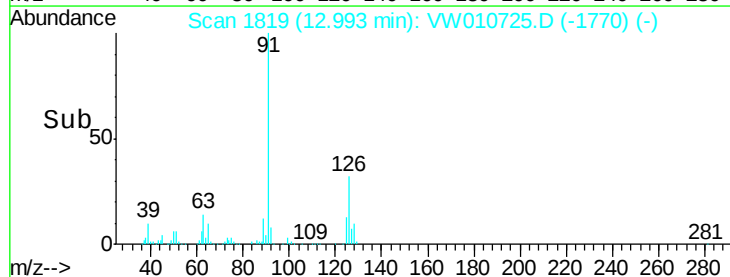
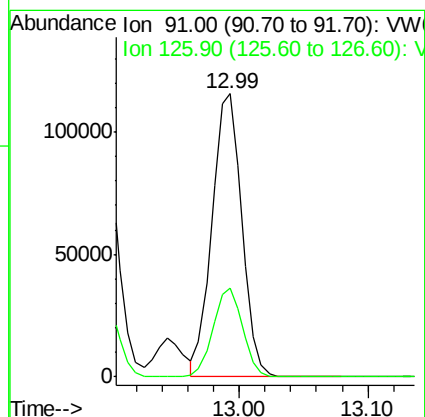
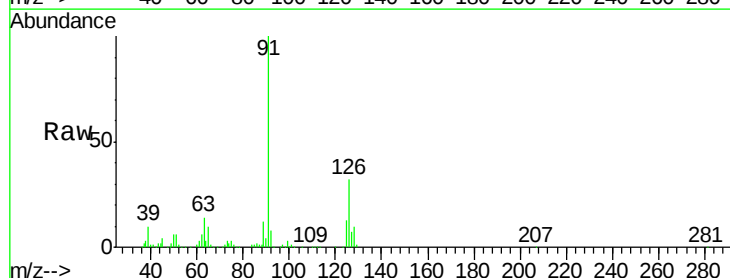
Acq: 07 Jun 2019 13:30

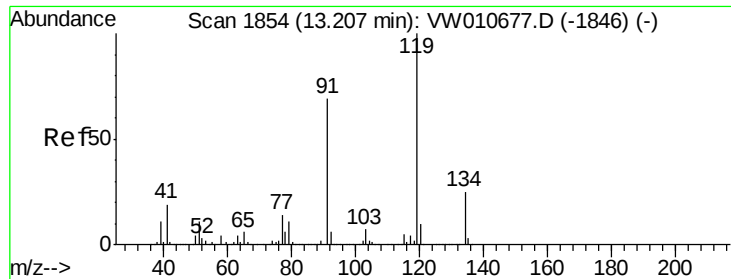
Tgt Ion: 91 Resp: 187303

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7





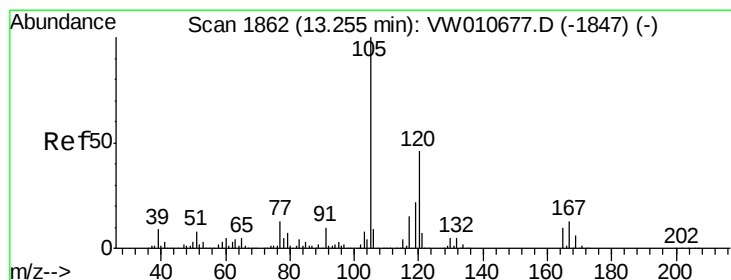
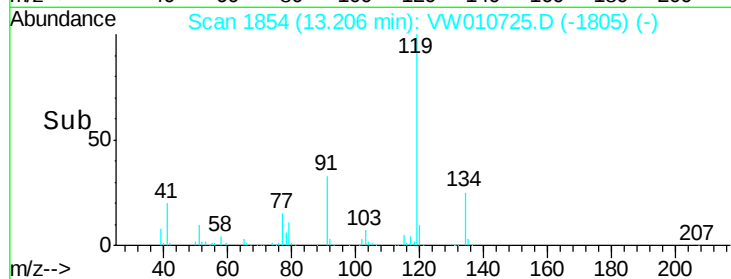
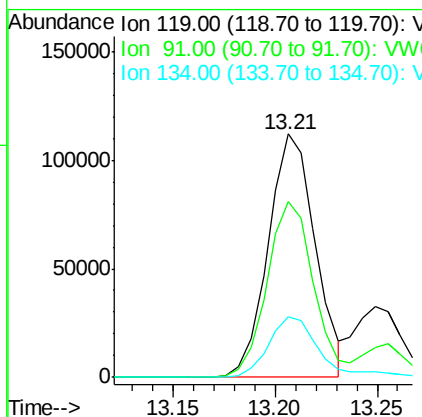
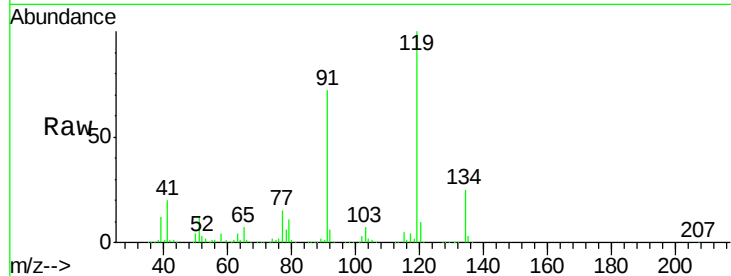
#83
tert-Butylbenzene
Concen: 19.728 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	179802		
91	72.2		35.1	105.3
134	27.2		13.6	40.7

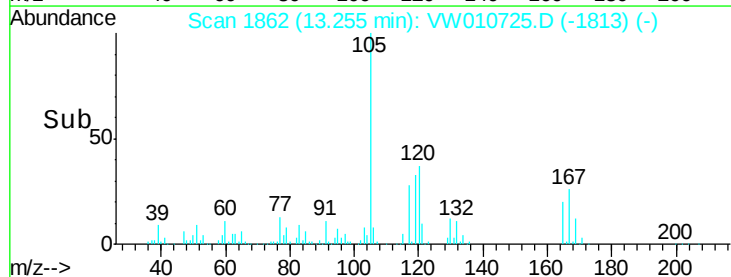
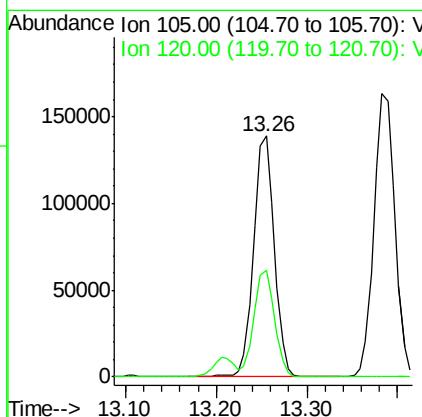
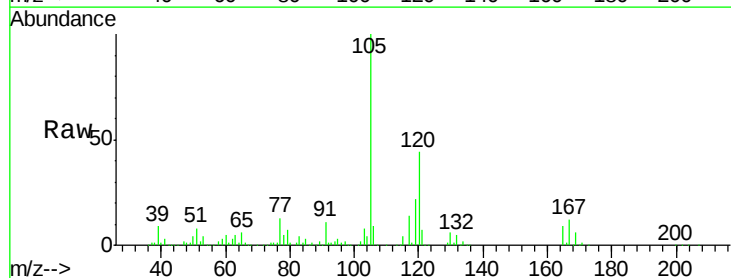
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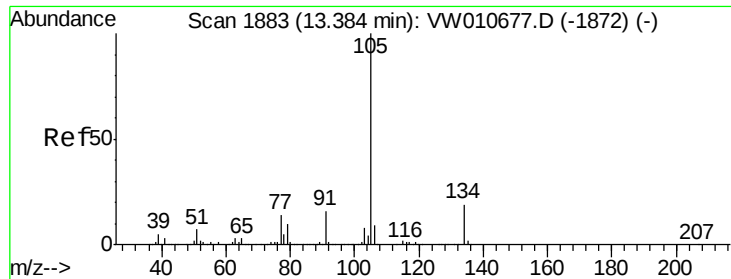
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.270 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219052		
120	44.3		22.5	67.5





#85

sec-Butylbenzene

Concen: 19.688 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

ClientSampleId :

VW0607SBS01

Tot Ion:105 Resp: 261259

Ion Ratio Lower Upper

105 100

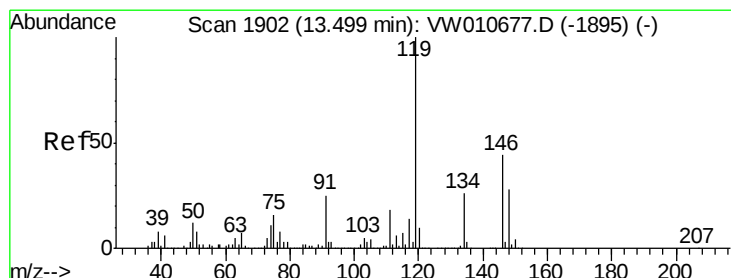
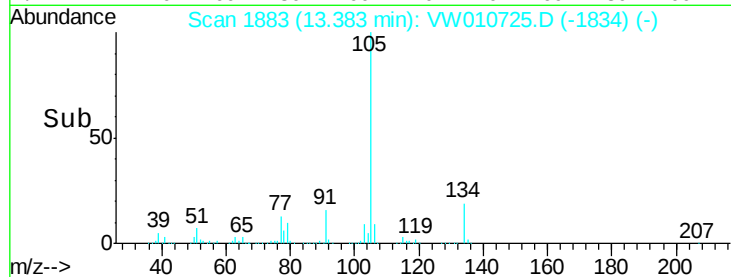
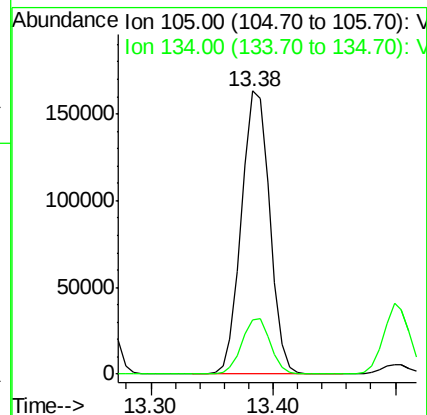
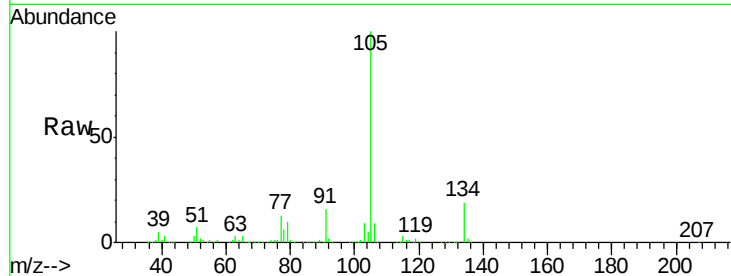
134 19.5 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 19.982 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

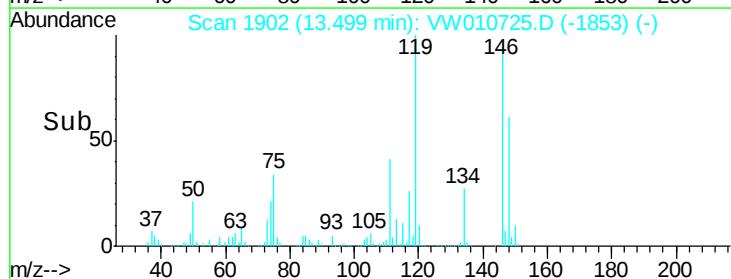
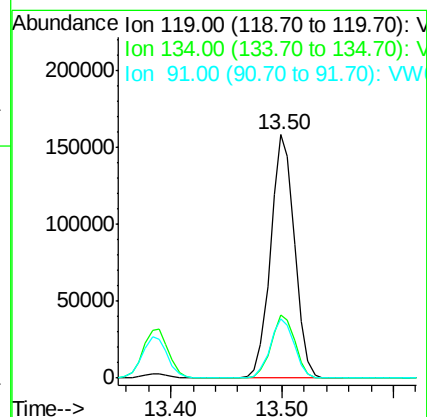
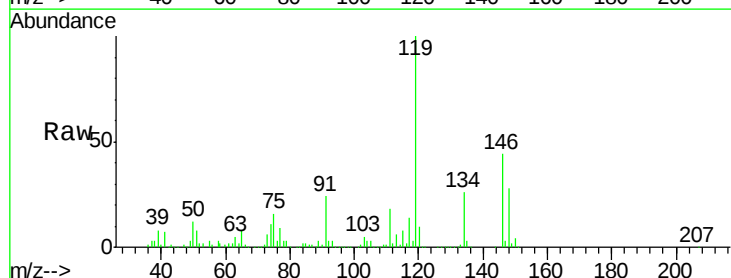
Tgt Ion:119 Resp: 237122

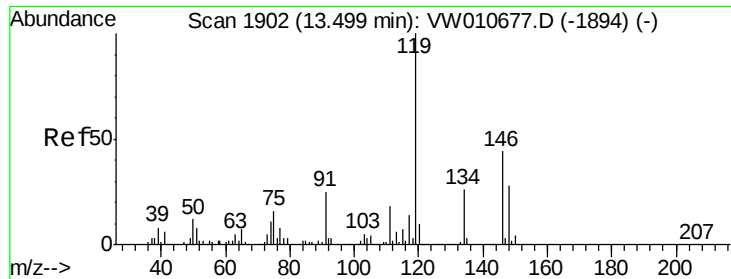
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.840 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

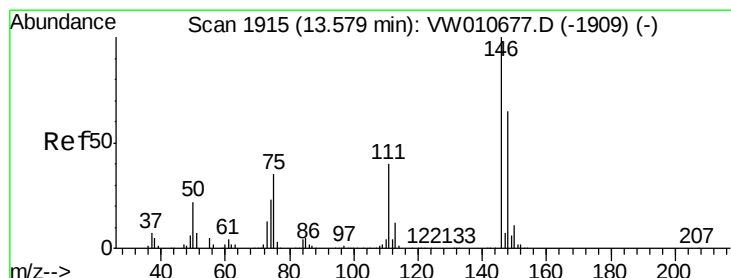
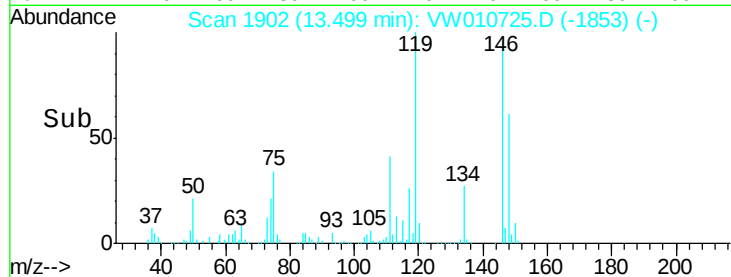
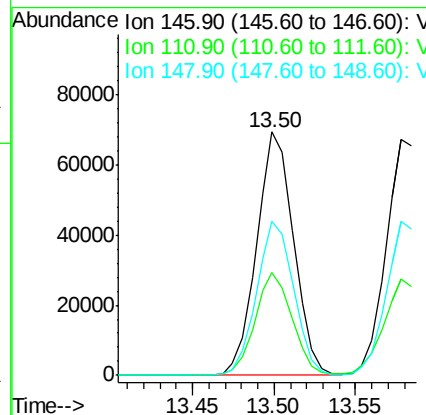
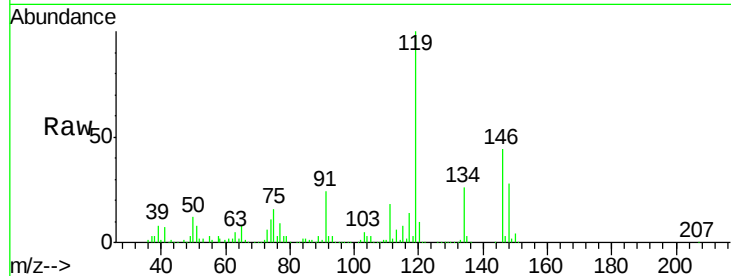
ClientSampleId :

VW0607SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109576		
111	42.1	20.4	61.3	
148	63.5	31.5	94.5	

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#88

1,4-Dichlorobenzene

Concen: 20.063 ug/l

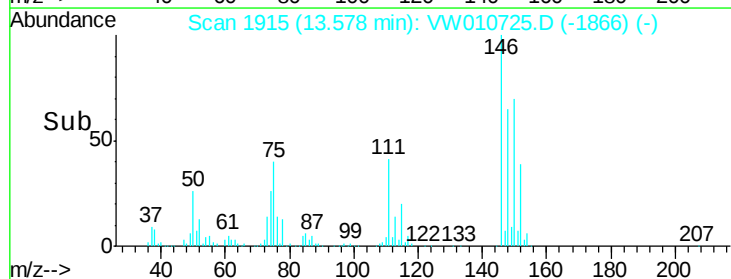
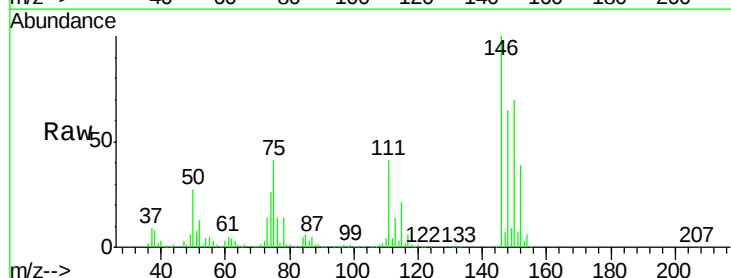
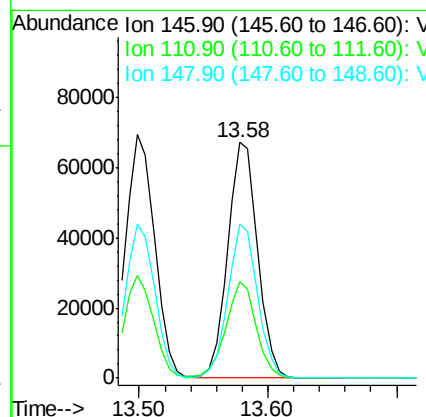
RT: 13.58 min Scan# 1915

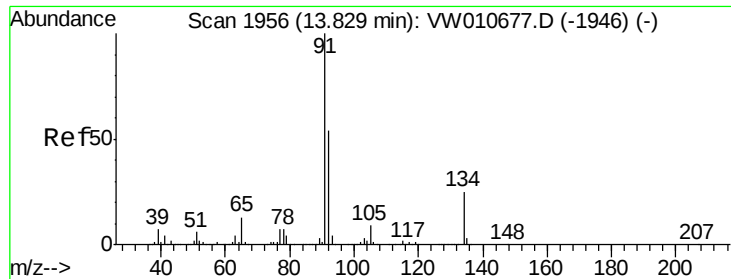
Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	109852		
111	41.8	20.3	60.9	
148	64.5	32.4	97.2	





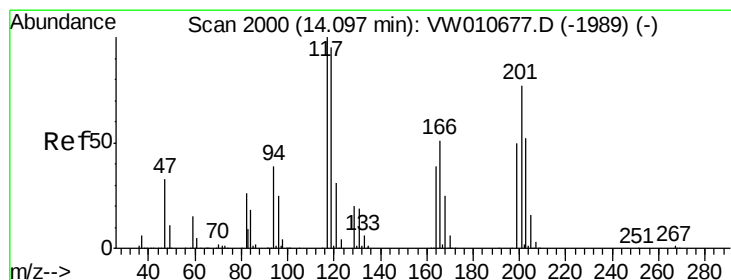
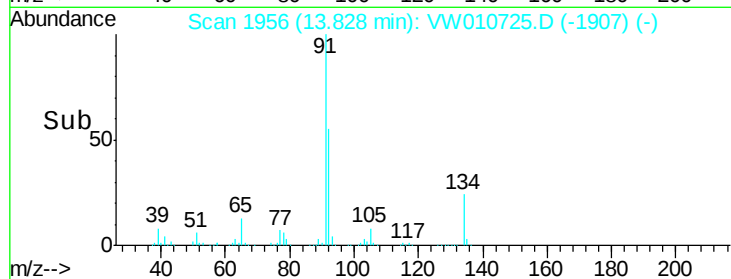
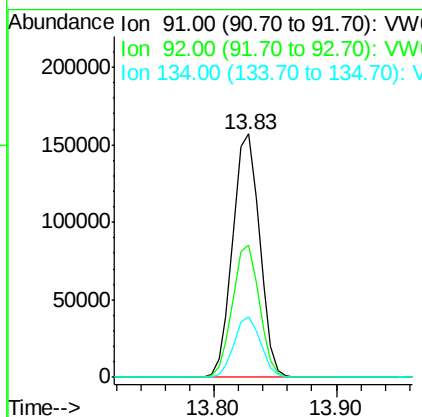
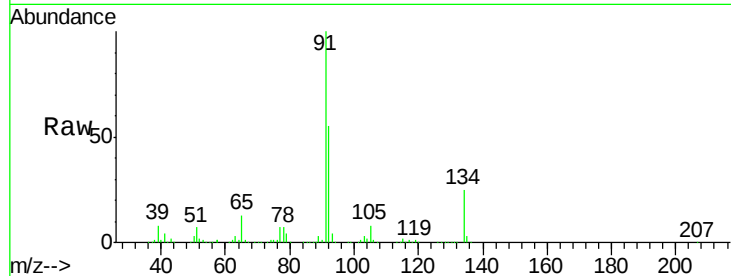
#89
n-Butylbenzene
Concen: 20.208 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Instrument :
MSVOA_W
ClientSampleId :
VW0607SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.3	81.8
134	24.4	12.3	36.9

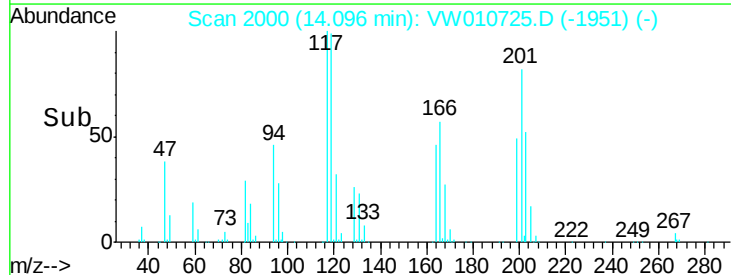
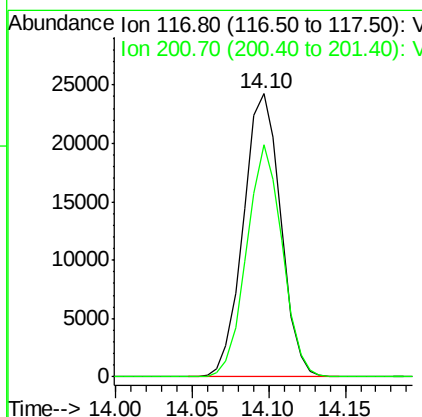
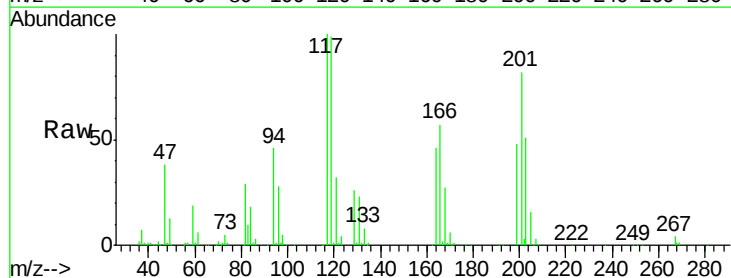
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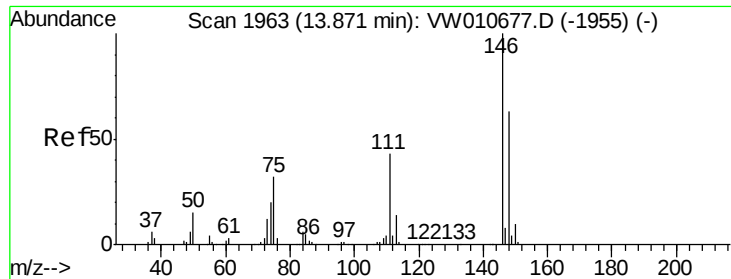
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#90
Hexachloroethane
Concen: 19.391 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010725.D
Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	38.8	116.4





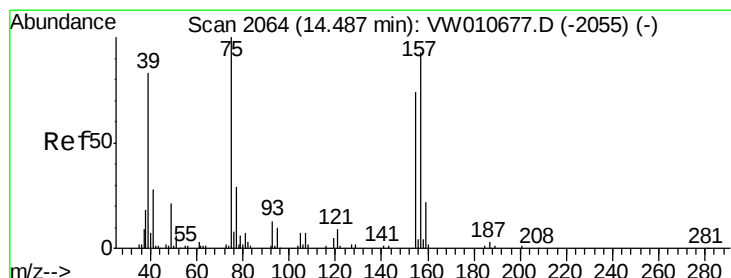
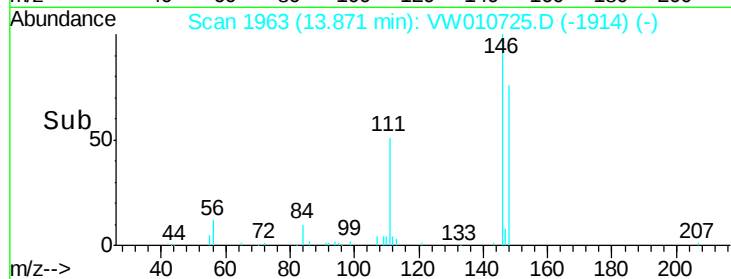
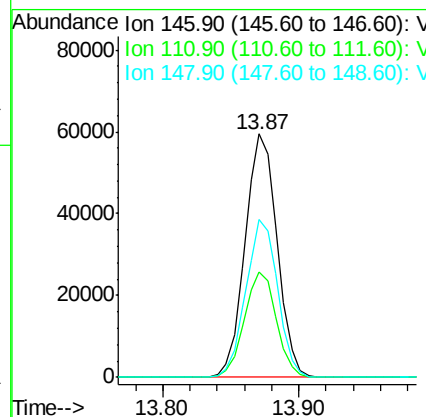
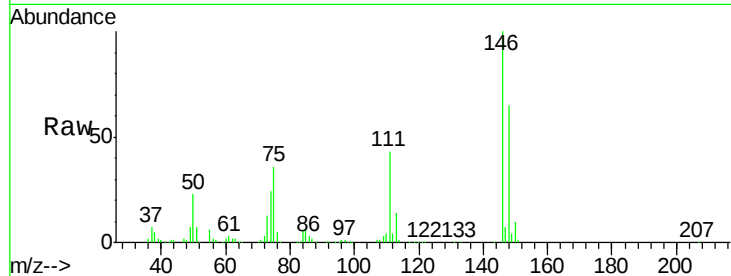
#91
 1,2-Dichlorobenzene
 Concen: 19.752 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.5	64.5
148	64.2	31.9	95.5

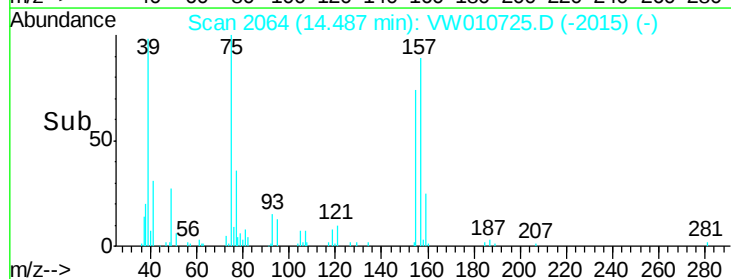
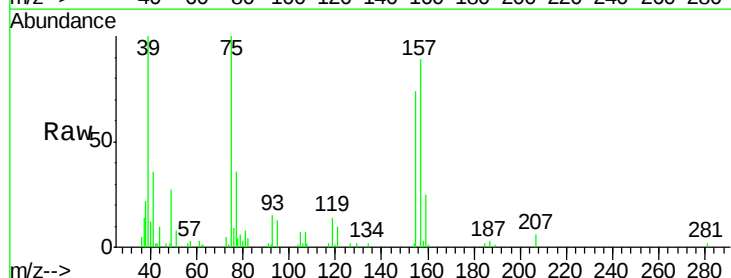
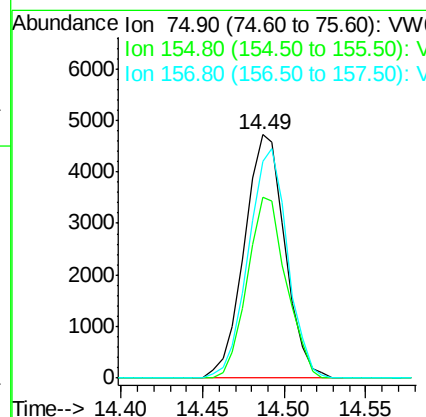
Manual Integrations
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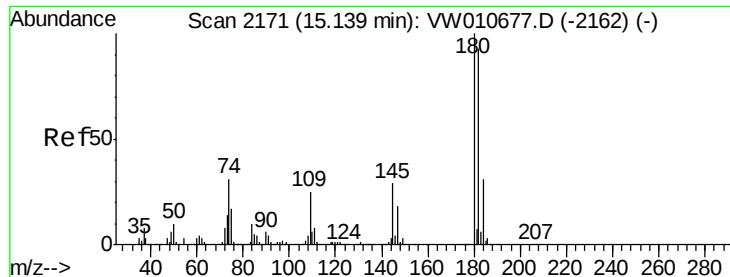
MMDadoda
 6/10/2019 12:24:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.038 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.1	38.8	116.4
157	91.0	48.4	145.0





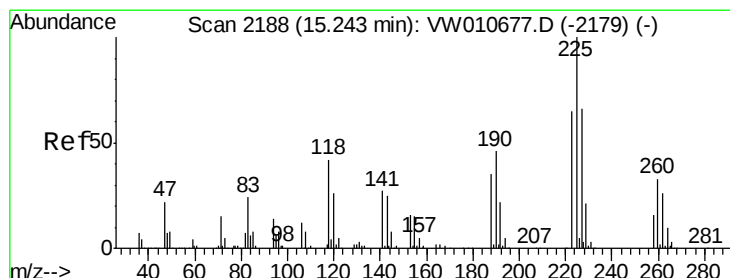
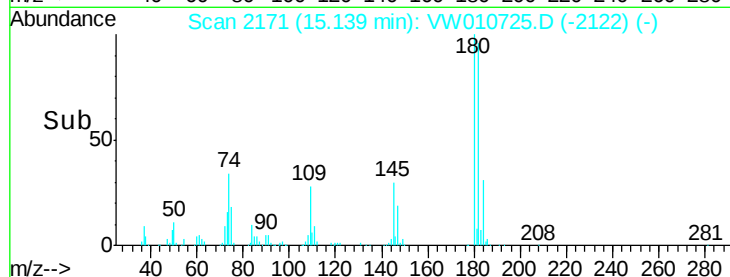
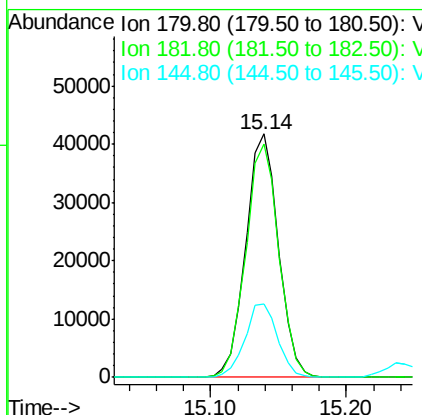
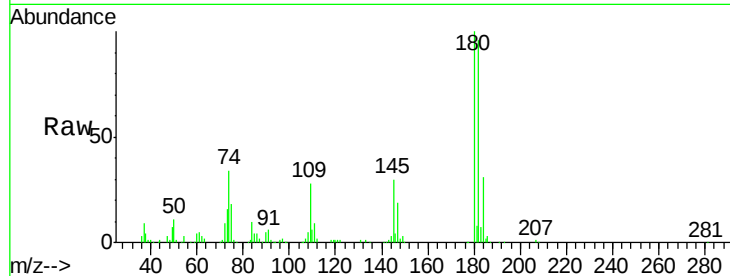
#93
 1,2,4-Trichlorobenzene
 Concen: 20.154 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0607SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.4
145	30.3	15.2	45.5

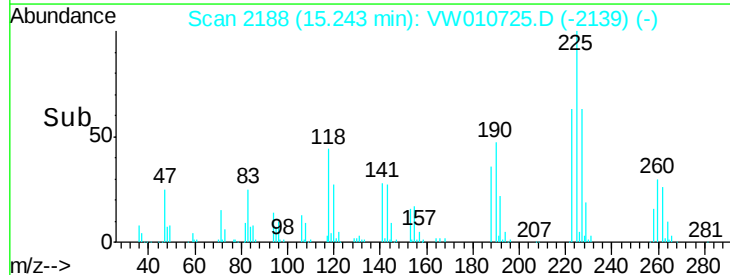
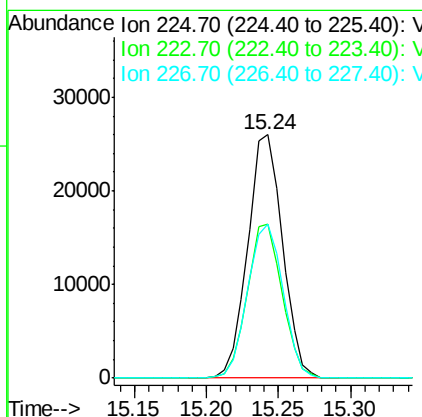
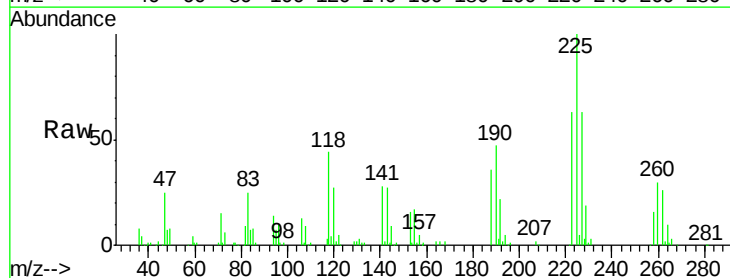
Manual Integrations
 APPROVED

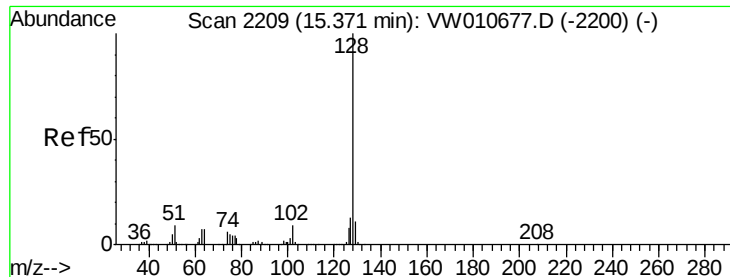
MMDadoda
 6/10/2019 12:24:41 PM



#94
 Hexachlorobutadiene
 Concen: 19.782 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010725.D
 Acq: 07 Jun 2019 13:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.2	96.6
227	64.4	32.0	96.0





#95

Naphthalene

Concen: 18.773 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Instrument :

MSVOA_W

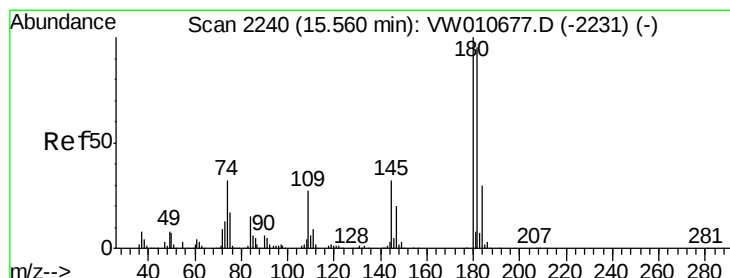
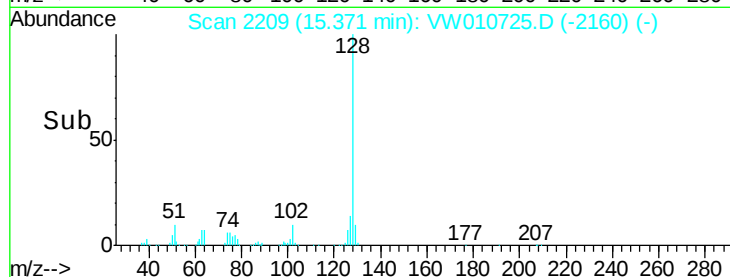
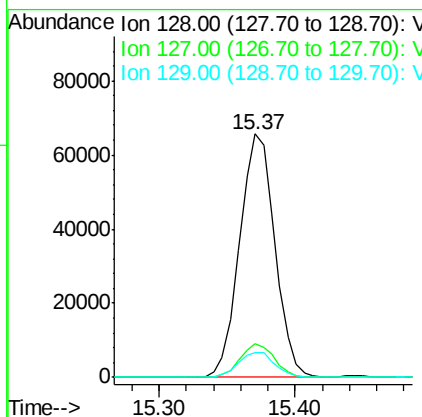
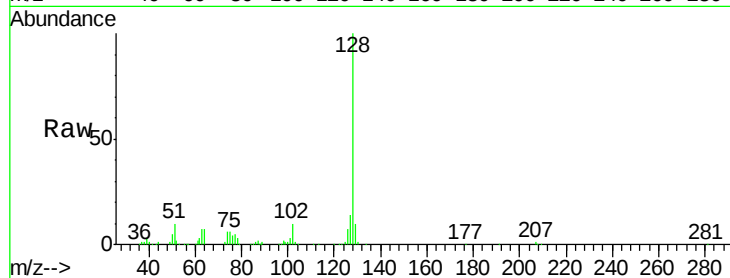
ClientSampleId :

VW0607SBS01

Tot Ion:	128	Resp:	118885
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	10.5	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/10/2019 12:24:41 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.249 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010725.D

Acq: 07 Jun 2019 13:30

Tgt Ion:	180	Resp:	60021
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.0	141.0
145	32.9	16.1	48.3

