

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010885.D
 Acq On : 20 Jun 2019 12:00
 Operator : SY/VA
 Sample : VW0620SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Manual Integrations
 APPROVED

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 6/21/2019 3:20:46 PM

Quant Time: Jun 21 07:59:25 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	252825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142923	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	106912	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.32	98	466409	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.62	95	172653	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47014	20.123	ug/l	98
3) Chloromethane	2.21	50	67481	19.631	ug/l	100
4) Vinyl Chloride	2.35	62	62073	19.545	ug/l	99
5) Bromomethane	2.73	94	31977	18.335	ug/l	96
6) Chloroethane	2.87	64	37361	19.599	ug/l	98
7) Trichlorofluoromethane	3.23	101	88271	21.412	ug/l	96
8) Diethyl Ether	3.68	74	30096	20.428	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.04	101	55534	21.910	ug/l	99
10) Methyl Iodide	4.26	142	33586	16.427	ug/l	99
11) Tert butyl alcohol	5.19	59	22431m	92.395	ug/l	
12) 1,1-Dichloroethene	4.03	96	51162	20.925	ug/l	98
13) Acrolein	3.90	56	5924	59.715	ug/l	100
14) Allyl chloride	4.66	41	115556	21.435	ug/l	98
15) Acrylonitrile	5.37	53	72522	101.325	ug/l	100
16) Acetone	4.13	43	79140	99.113	ug/l	100
17) Carbon Disulfide	4.37	76	142050	18.302	ug/l	98
18) Methyl Acetate	4.67	43	38423	22.354	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	143897	20.406	ug/l	99
20) Methylene Chloride	4.91	84	58172	20.767	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	59171	21.318	ug/l	96
22) Diisopropyl ether	6.31	45	241617	22.386	ug/l	97
23) Vinyl Acetate	6.25	43	675885	103.766	ug/l	99
24) 1,1-Dichloroethane	6.21	63	120853	22.344	ug/l	99
25) 2-Butanone	7.17	43	115084	103.942	ug/l	99
26) 2,2-Dichloropropane	7.17	77	101744	23.117	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	66588	21.800	ug/l	97
28) Bromochloromethane	7.51	49	46154	19.121	ug/l	96
29) Tetrahydrofuran	7.53	42	69973	100.475	ug/l	97
30) Chloroform	7.67	83	109197	22.072	ug/l	99
31) Cyclohexane	7.95	56	128875	21.434	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	94812	21.939	ug/l	99
36) 1,1-Dichloropropene	8.08	75	92936	22.009	ug/l	99
37) Ethyl Acetate	7.25	43	48055	20.537	ug/l	99
38) Carbon Tetrachloride	8.06	117	79305	21.756	ug/l	98

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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)
39) Methylcyclohexane	9.33	83	114334	21.300	ug/l	97
40) Benzene	8.32	78	253383	21.996	ug/l	99
41) Methacrylonitrile	7.48	41	28486	20.481	ug/l	98
42) 1,2-Dichloroethane	8.40	62	79443	21.729	ug/l	99
43) Isopropyl Acetate	8.42	43	91663	20.277	ug/l	100
44) Trichloroethene	9.09	130	61870	21.773	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67295	22.068	ug/l	97
46) Dibromomethane	9.46	93	29676	20.952	ug/l	98
47) Bromodichloromethane	9.64	83	77123	21.006	ug/l	99
48) Methyl methacrylate	9.43	41	43638	20.021	ug/l	99
49) 1,4-Dioxane	9.45	88	9046	408.507	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	232786	100.798	ug/l	99
52) Toluene	10.38	92	156136	22.029	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	79552	20.457	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	96739	21.141	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42761	20.957	ug/l	97
56) Ethyl methacrylate	10.65	69	62648	19.954	ug/l	96
57) 1,3-Dichloropropane	10.93	76	81754	21.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	169104	102.832	ug/l	99
59) 2-Hexanone	10.97	43	164644	98.643	ug/l	98
60) Dibromochloromethane	11.13	129	44457	19.655	ug/l	100
61) 1,2-Dibromoethane	11.24	107	39535	20.450	ug/l	99
64) Tetrachloroethene	10.86	164	51160	21.148	ug/l	97
65) Chlorobenzene	11.66	112	155129	21.651	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52504	21.169	ug/l	98
67) Ethyl Benzene	11.73	91	303717	22.056	ug/l	99
68) m/p-Xylenes	11.84	106	218463	44.319	ug/l	100
69) o-Xylene	12.16	106	102085	21.836	ug/l	96
70) Styrene	12.18	104	175175	21.570	ug/l	100
71) Bromoform	12.35	173	23213	18.096	ug/l #	96
73) Isopropylbenzene	12.46	105	287096	22.032	ug/l	100
74) N-amyl acetate	12.27	43	83480	19.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49881	20.107	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36811m	20.214	ug/l	
77) Bromobenzene	12.75	156	60992	21.442	ug/l	98
78) n-propylbenzene	12.80	91	351624	22.378	ug/l	100
79) 2-Chlorotoluene	12.90	91	198991	22.167	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	235527	22.082	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14197	17.918	ug/l	93
82) 4-Chlorotoluene	12.99	91	205923	22.228	ug/l	99
83) tert-Butylbenzene	13.21	119	200468	22.146	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	233474	21.752	ug/l	98
85) sec-Butylbenzene	13.38	105	290817	22.066	ug/l	100
86) p-Isopropyltoluene	13.50	119	255856	21.709	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	119966	21.870	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117156	21.543	ug/l	98
89) n-Butylbenzene	13.83	91	260049	22.114	ug/l	98
90) Hexachloroethane	14.10	117	43224	20.479	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	104246	21.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8149	19.129	ug/l	92

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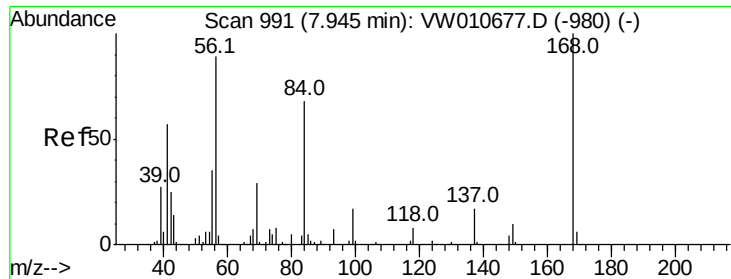
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72466	20.933	ug/l	99
94) Hexachlorobutadiene	15.24	225	45525	20.954	ug/l	99
95) Naphthalene	15.37	128	121862	19.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	61634	20.935	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion:168 Resp: 252825

Ion Ratio Lower Upper

168 100

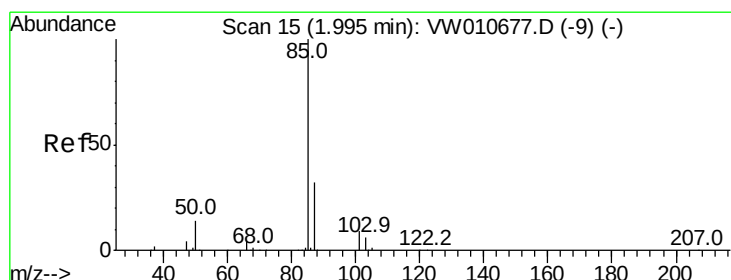
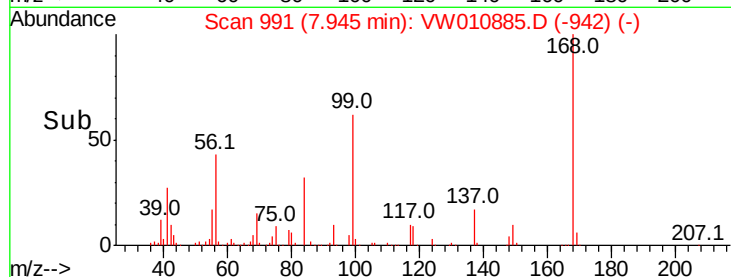
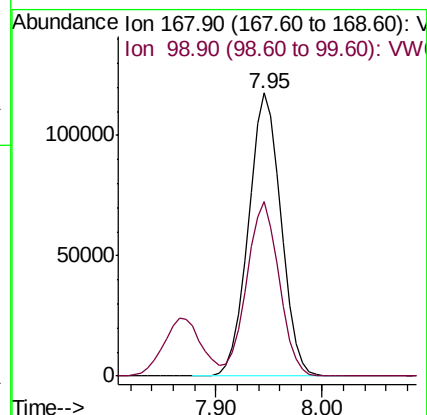
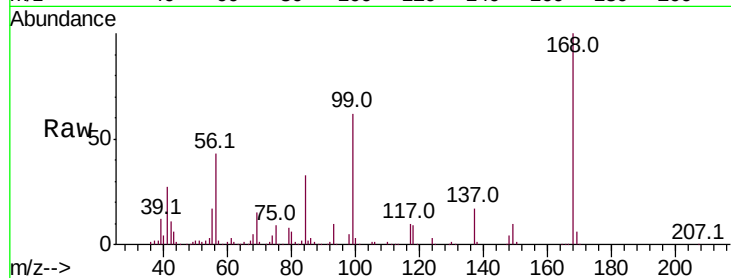
99 61.6 47.7 71.5

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#2

Dichlorodifluoromethane

Concen: 20.123 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010885.D

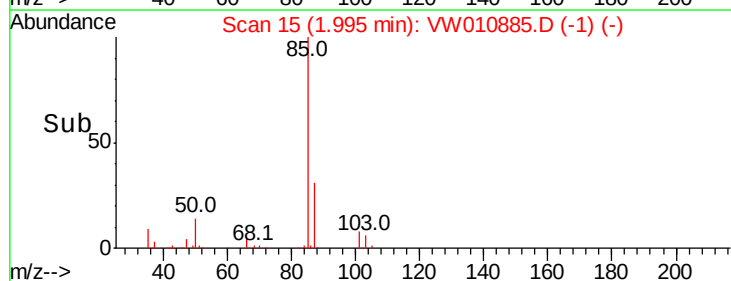
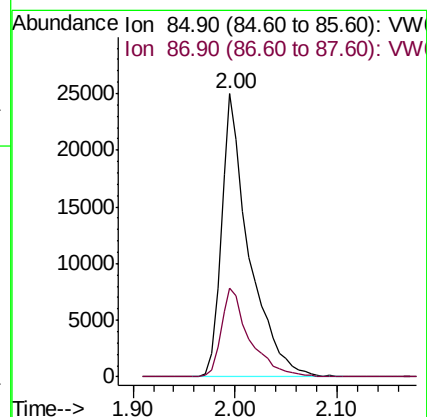
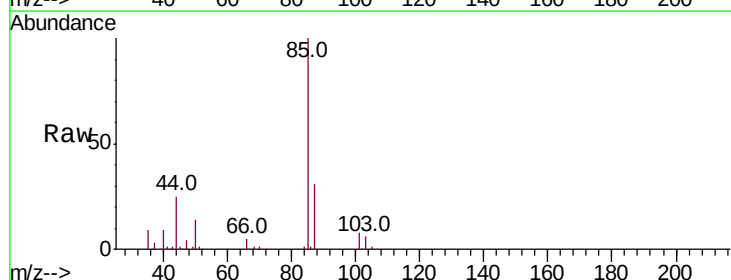
Acq: 20 Jun 2019 12:00

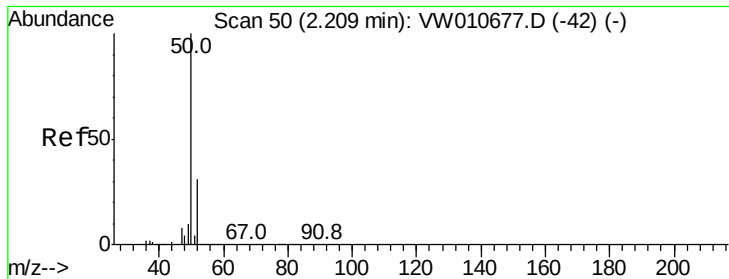
Tgt Ion: 85 Resp: 47014

Ion Ratio Lower Upper

85 100

87 31.4 16.2 48.5





#3

Chloromethane

Concen: 19.631 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 50 Resp: 67481

Ion Ratio Lower Upper

50 100

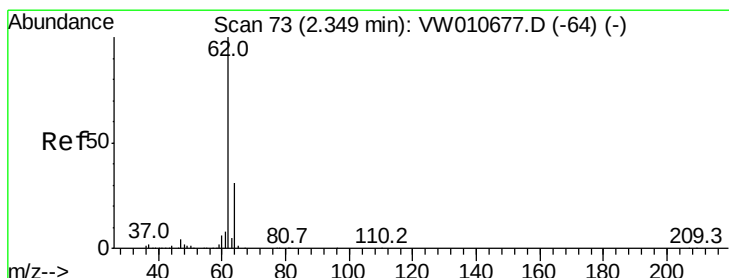
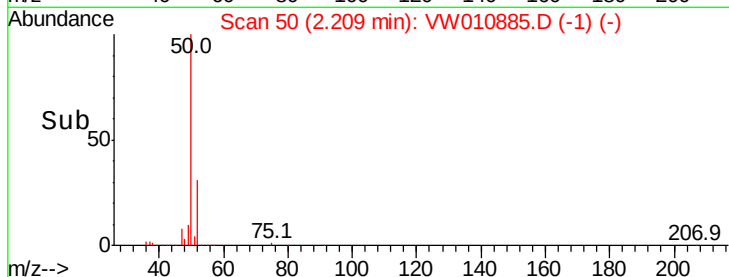
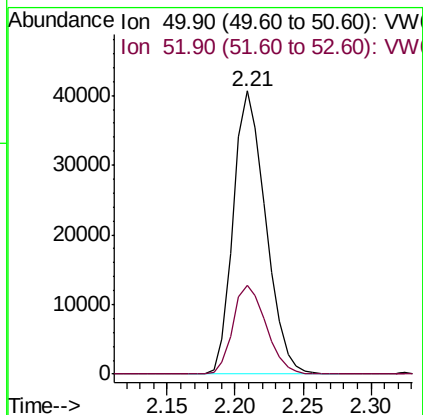
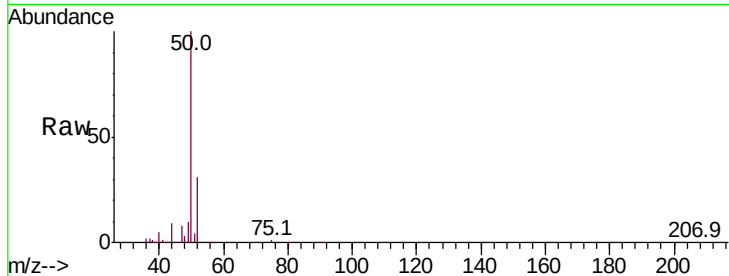
52 31.3 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.545 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010885.D

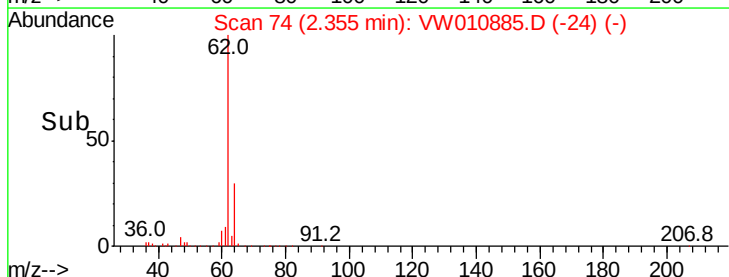
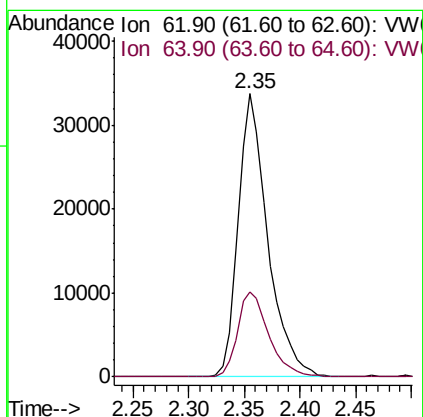
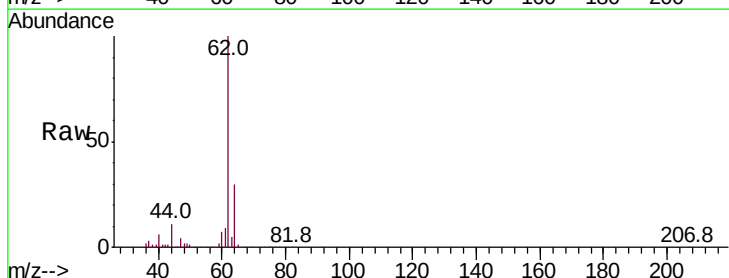
Acq: 20 Jun 2019 12:00

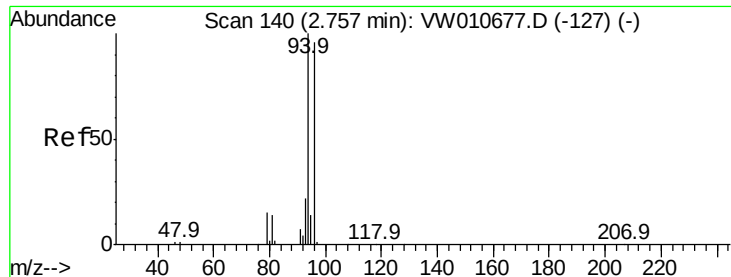
Tgt Ion: 62 Resp: 62073

Ion Ratio Lower Upper

62 100

64 30.0 24.5 36.7





#5

Bromomethane

Concen: 18.335 ug/l

RT: 2.73 min Scan# 135

Delta R.T. -0.03 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 94 Resp: 31977

Ion Ratio Lower Upper

94 100

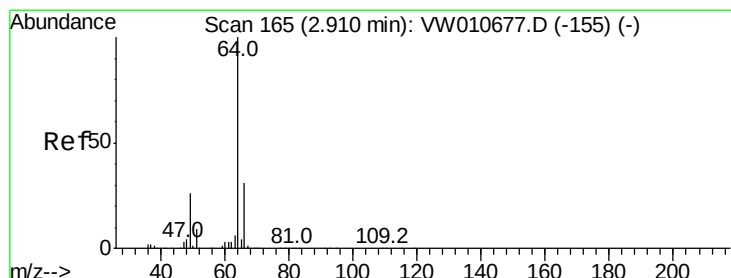
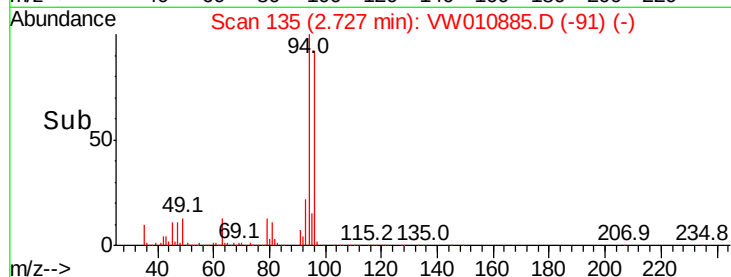
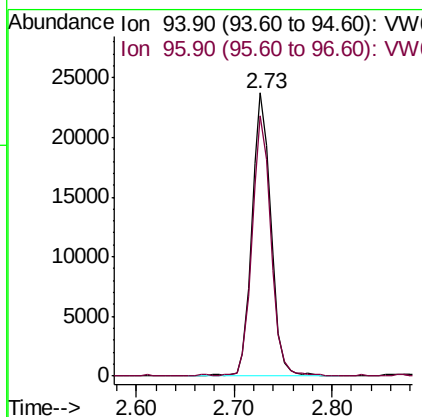
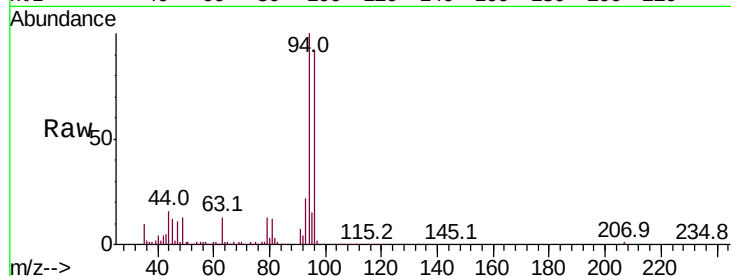
96 91.8 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 19.599 ug/l

RT: 2.87 min Scan# 159

Delta R.T. -0.04 min

Lab File: VW010885.D

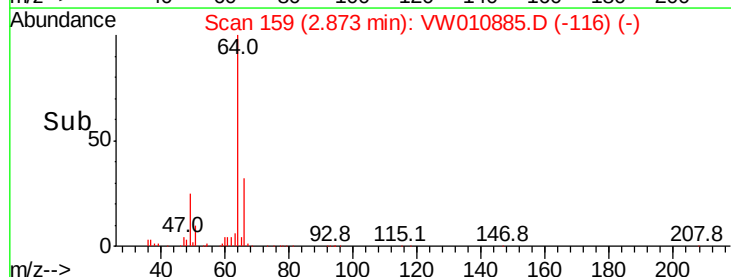
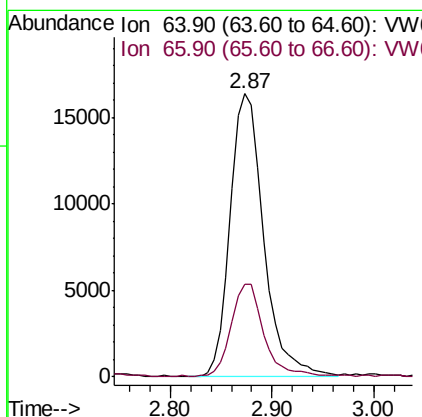
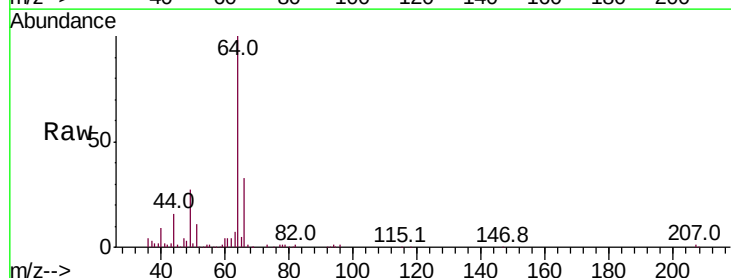
Acq: 20 Jun 2019 12:00

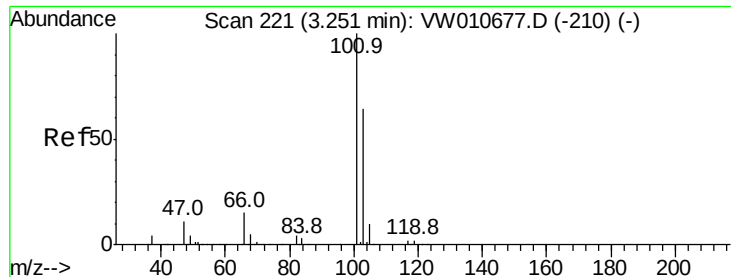
Tgt Ion: 64 Resp: 37361

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7





#7

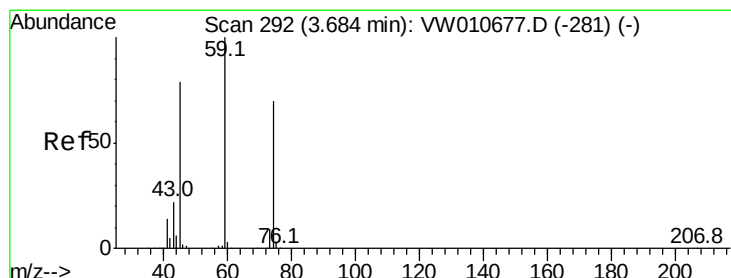
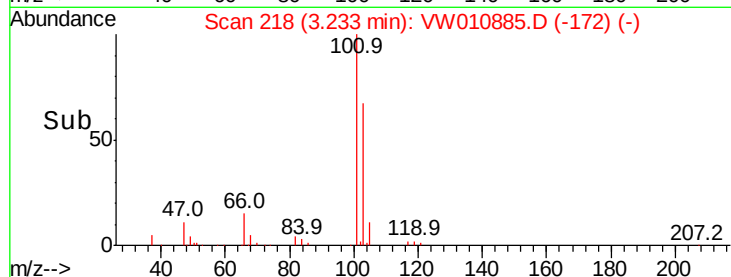
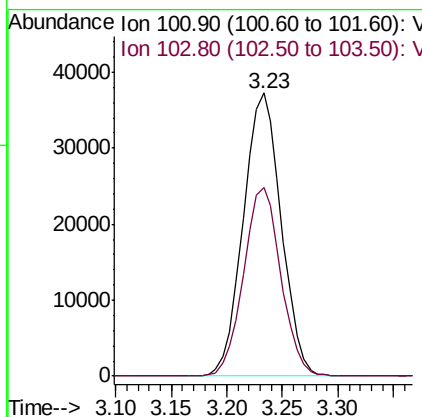
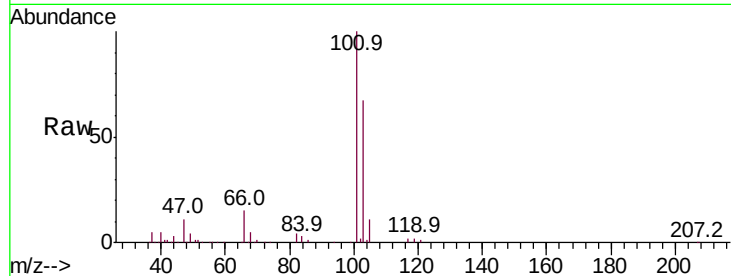
Trichlorofluoromethane
 Concen: 21.412 ug/l
 RT: 3.23 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
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 ClientSampleId :
 VW0620SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.8	51.2	76.8

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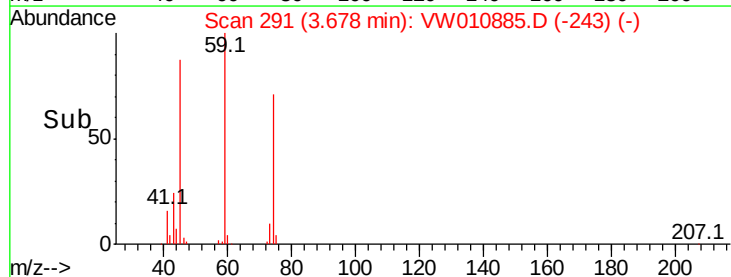
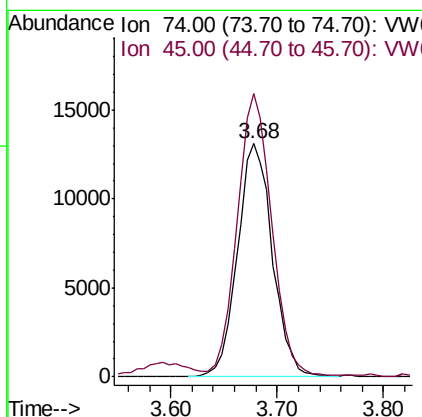
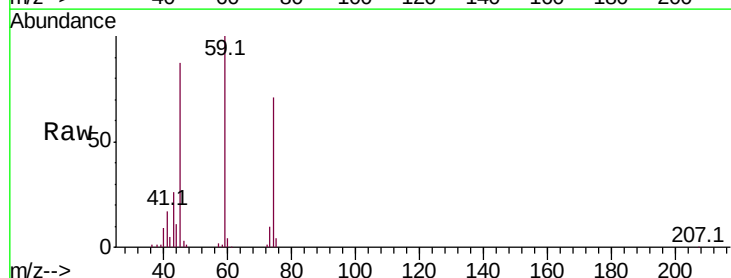
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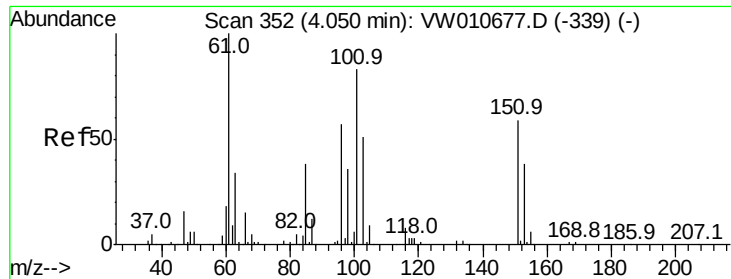


#8

Diethyl Ether
 Concen: 20.428 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.6	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.910 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

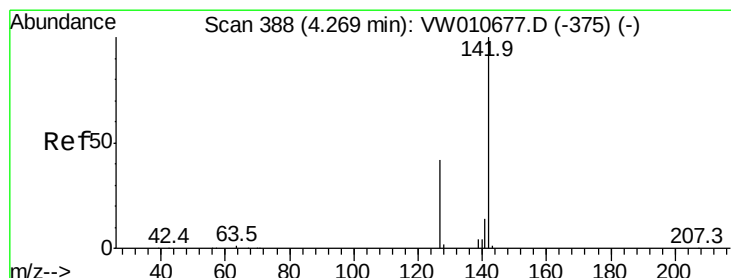
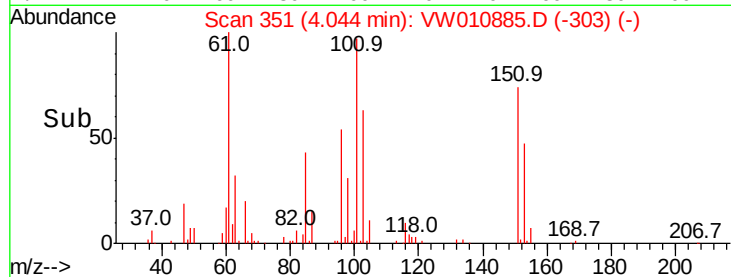
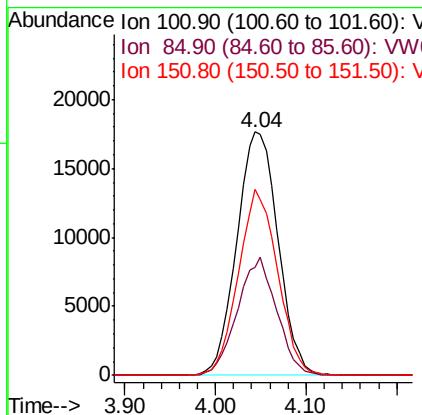
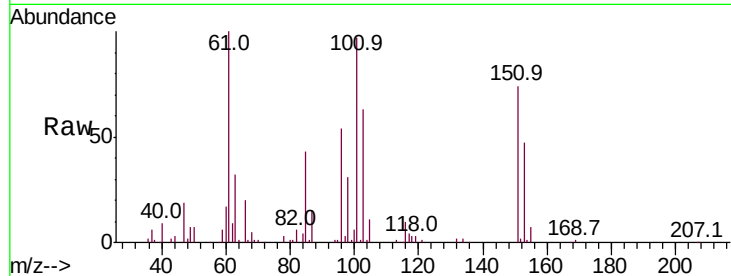
ClientSampleId :

VW0620SBS01

Tot Ion:	101	Resp:	55534
Ion Ratio	Lower	Upper	
101	100		
85	46.0	35.8	53.8
151	72.8	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 16.427 ug/l

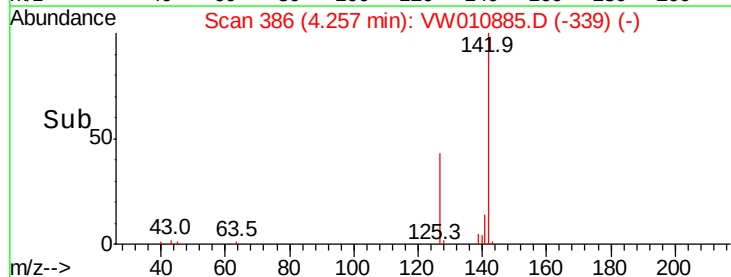
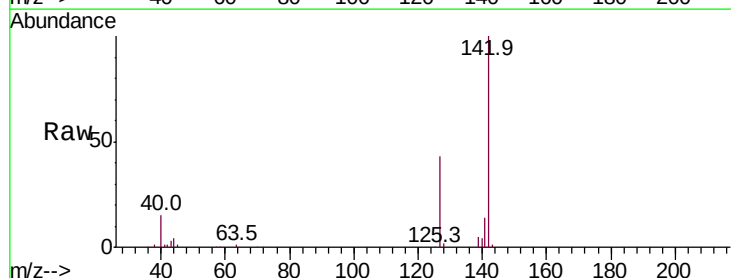
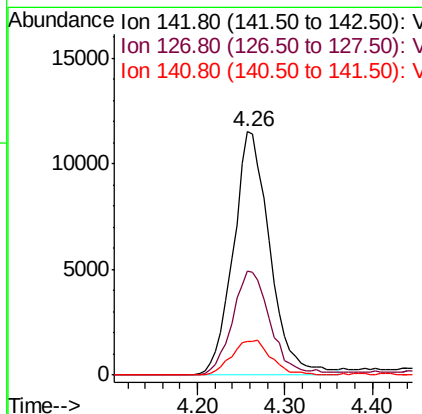
RT: 4.26 min Scan# 386

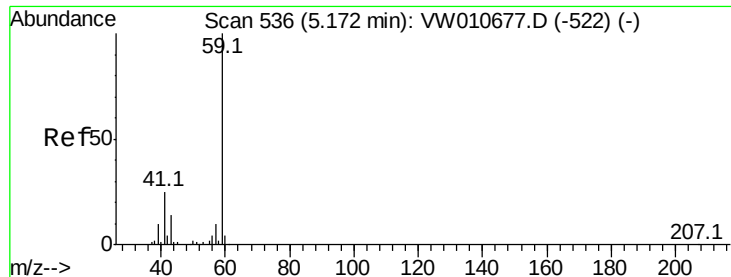
Delta R.T. -0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion:	142	Resp:	33586
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	51.8
141	15.3	11.6	17.4





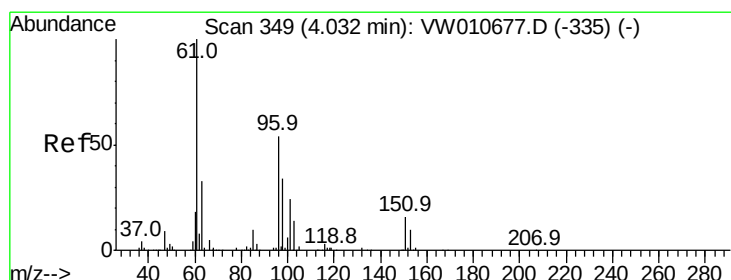
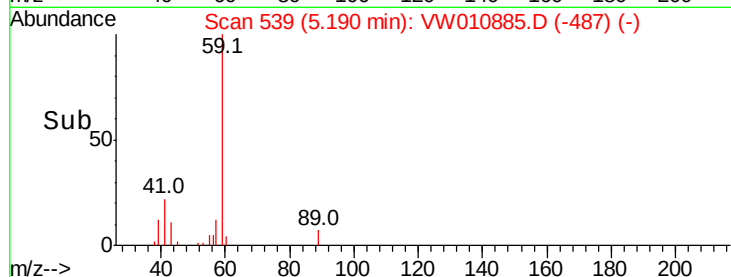
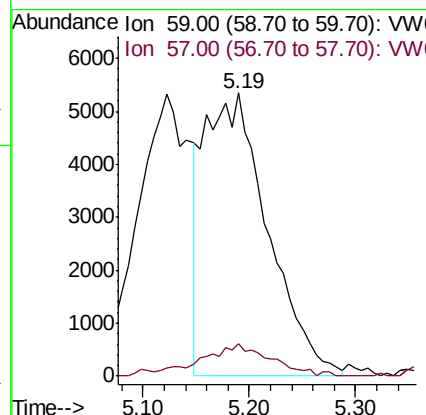
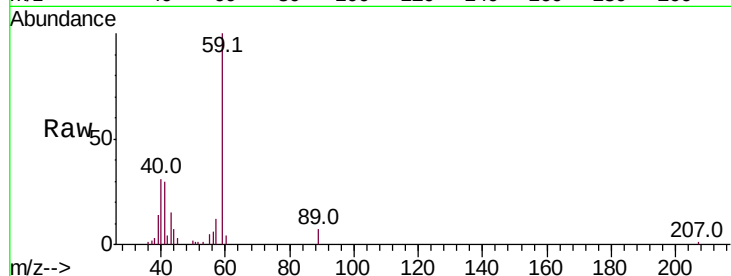
#11
Tert butyl alcohol
Concen: 92.395 ug/l m
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

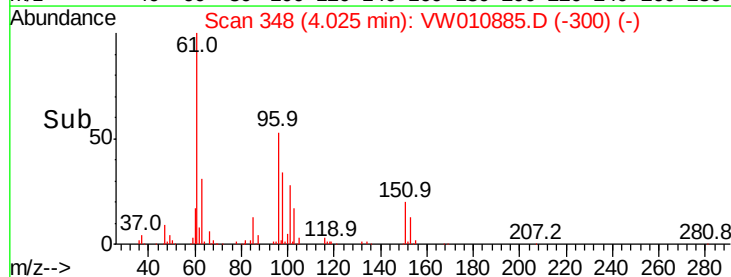
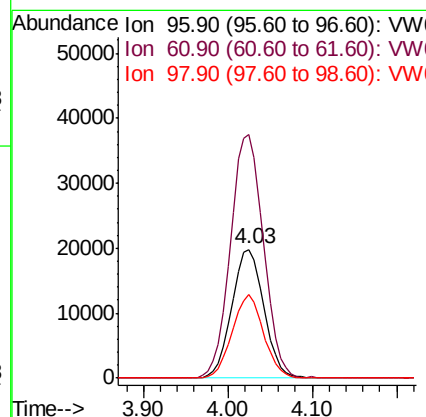
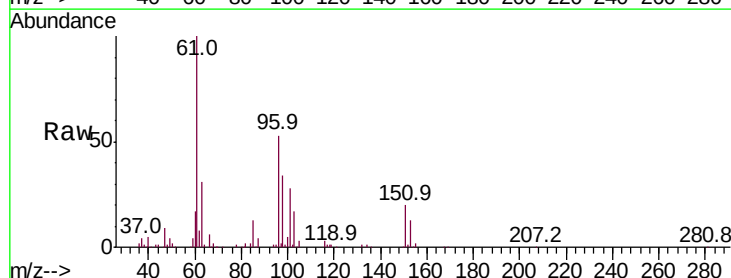
Manual Integrations
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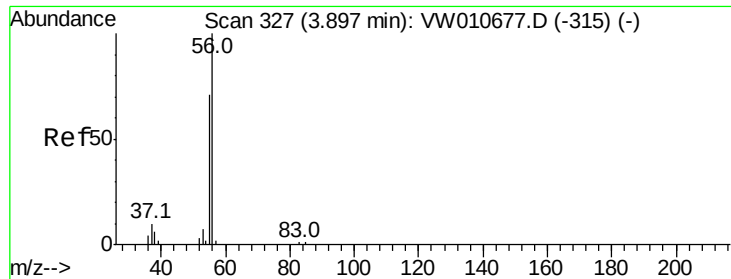
MMDadoda
6/21/2019 3:20:46 PM



#12
1,1-Dichloroethene
Concen: 20.925 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	189.2	149.1	223.7
98	64.7	51.1	76.7





#13

Acrolein

Concen: 59.715 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 56 Resp: 5924

Ion Ratio Lower Upper

56 100

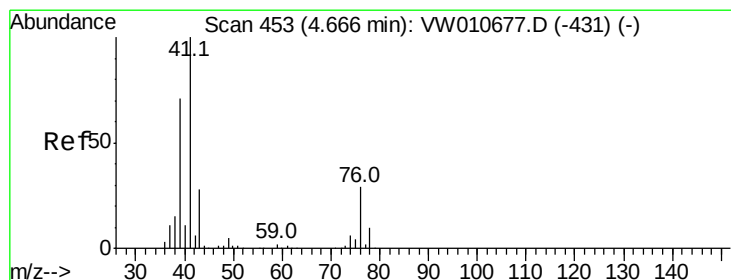
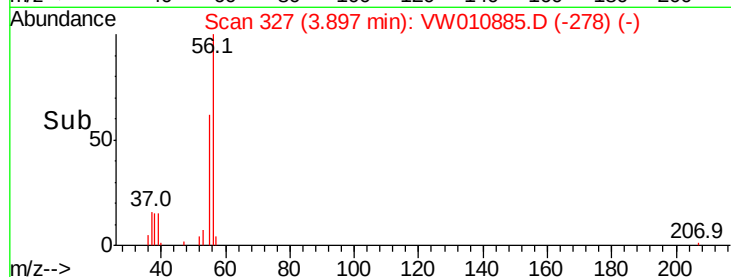
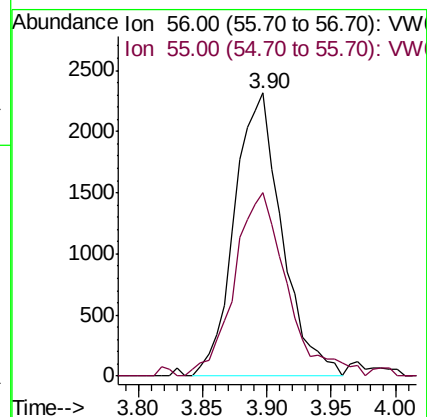
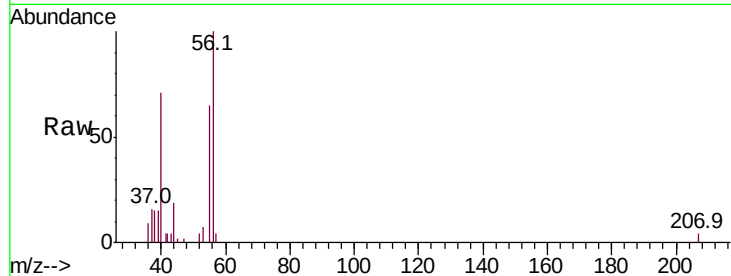
55 71.9 57.6 86.4

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#14

Allyl chloride

Concen: 21.435 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

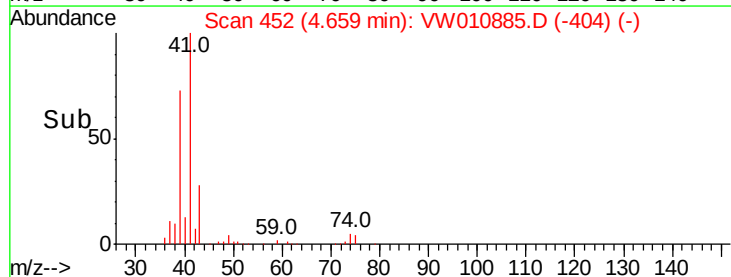
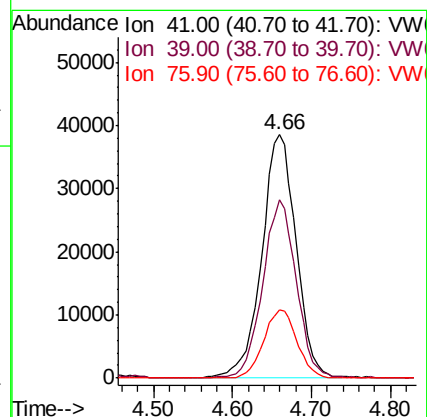
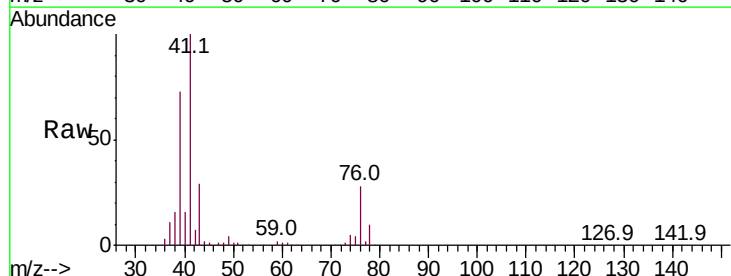
Tgt Ion: 41 Resp: 115556

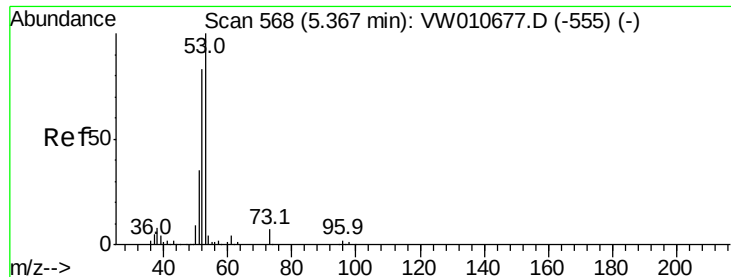
Ion Ratio Lower Upper

41 100

39 71.3 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 101.325 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

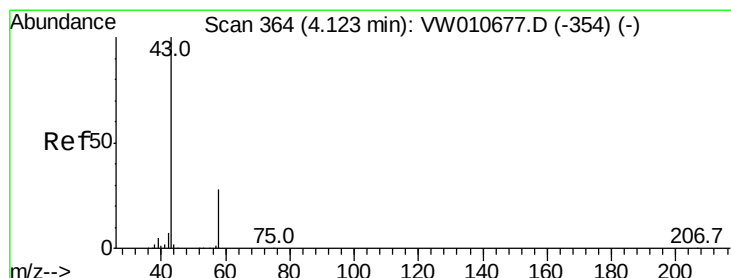
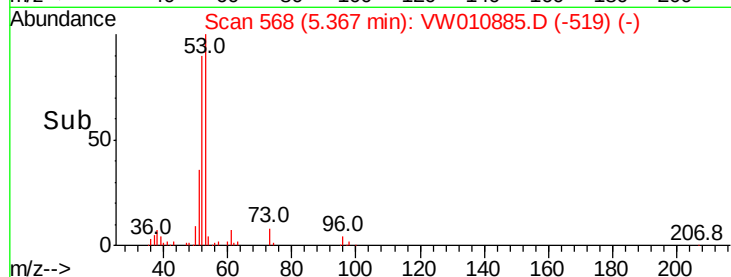
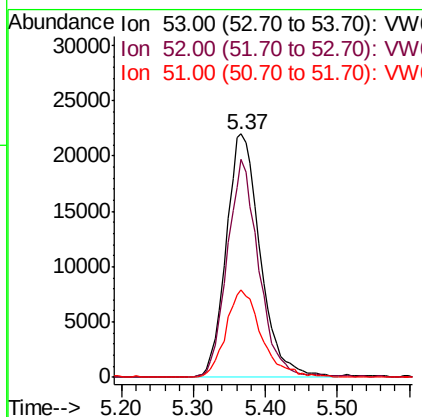
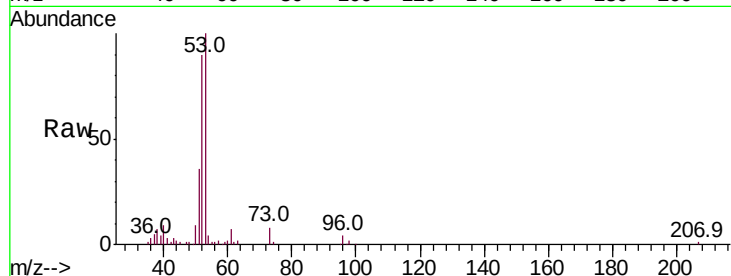
ClientSampleId :

VW0620SBS01

Tot Ion:	53	Resp:	72522
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	100.0
51	37.5	29.8	44.8

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#16

Acetone

Concen: 99.113 ug/l

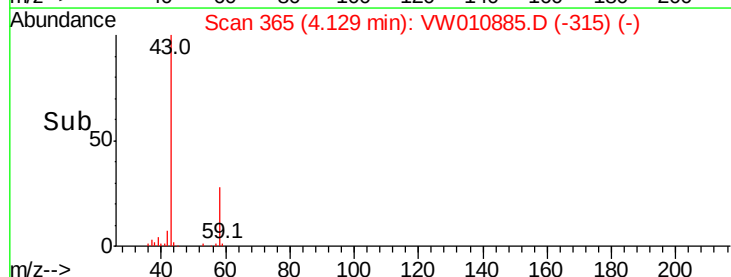
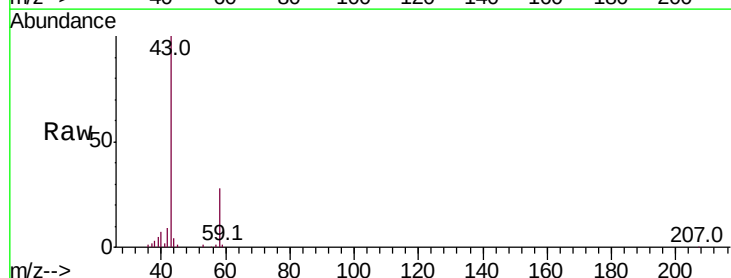
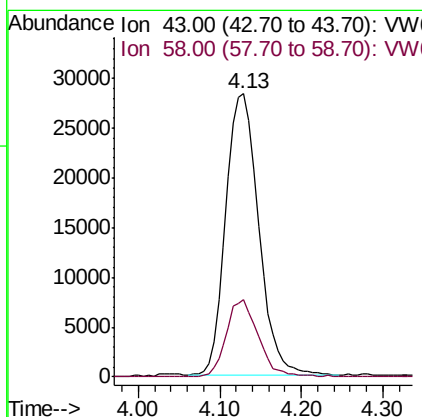
RT: 4.13 min Scan# 365

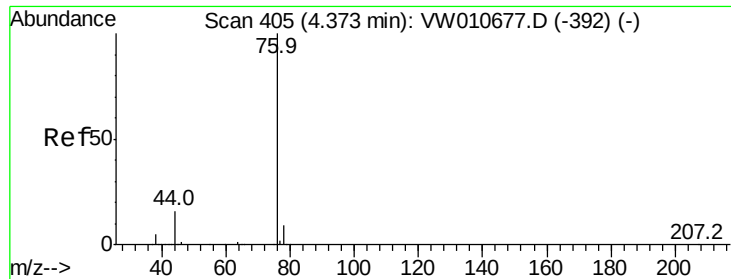
Delta R.T. 0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion:	43	Resp:	79140
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.1	33.1





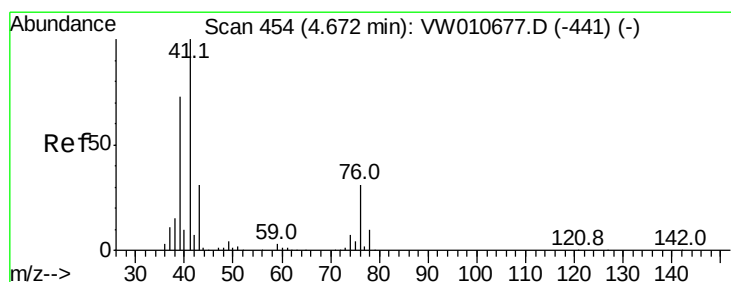
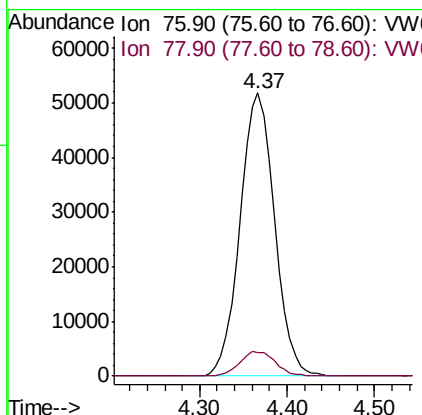
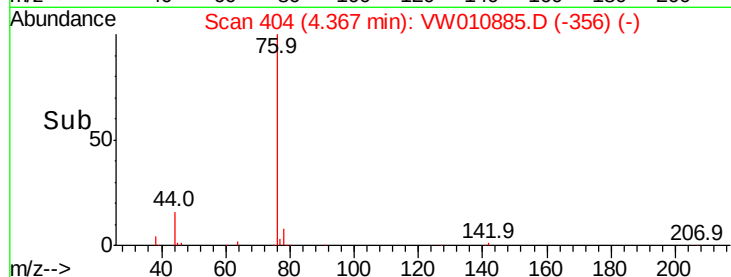
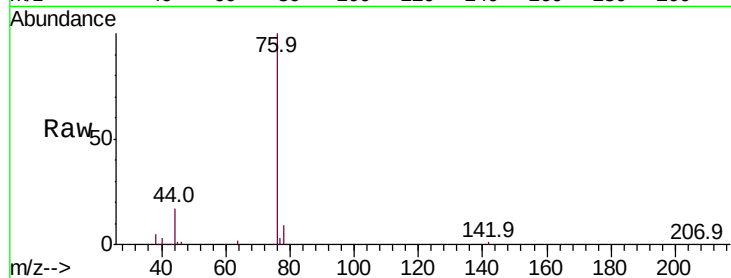
#17
Carbon Disulfide
Concen: 18.302 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion: 76 Resp: 142050
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

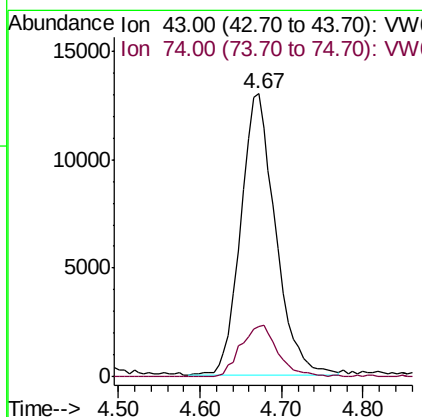
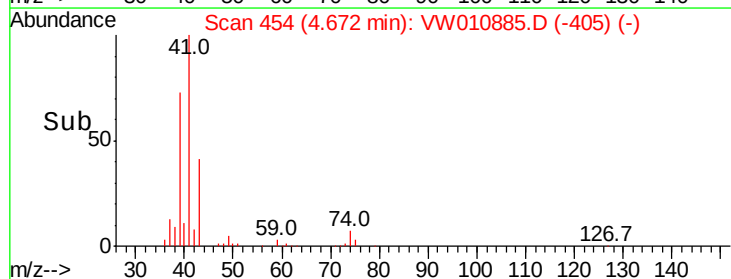
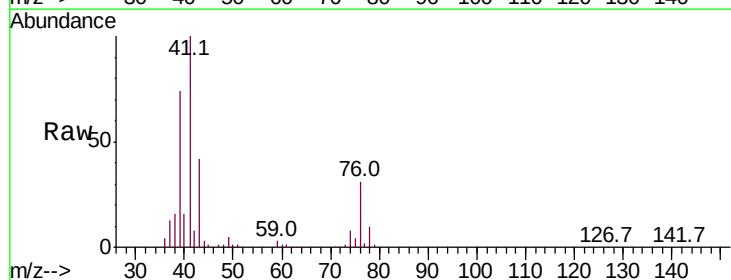
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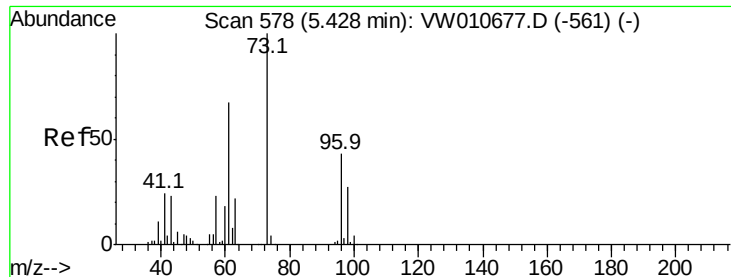
MMDadoda
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#18
Methyl Acetate
Concen: 22.354 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion: 43 Resp: 38423
Ion Ratio Lower Upper
43 100
74 19.7 16.7 25.1





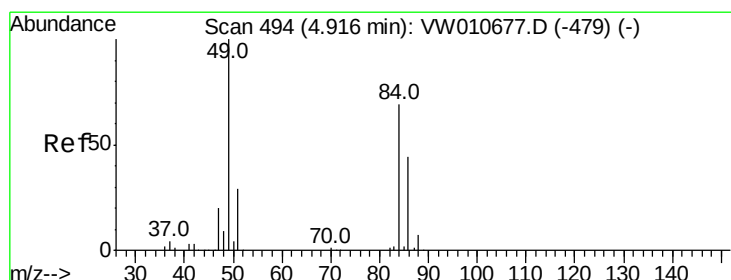
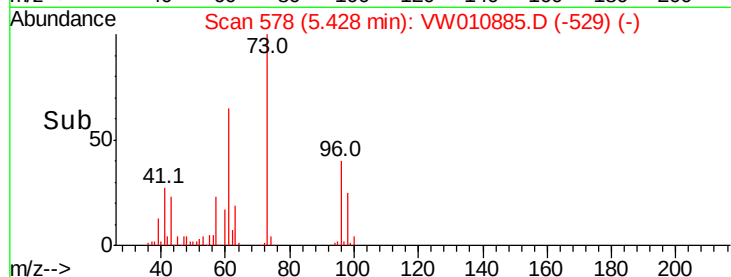
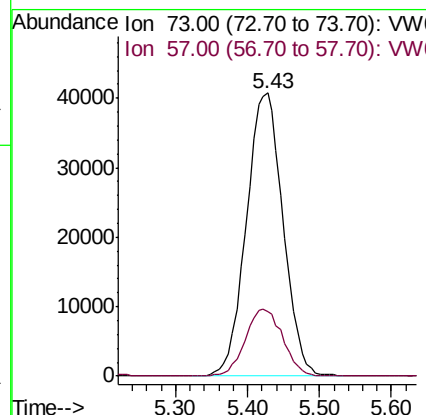
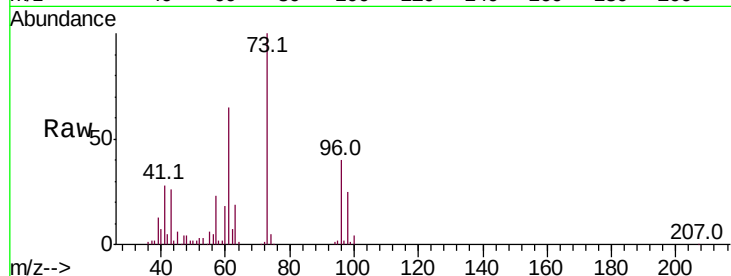
#19
Methyl tert-butyl Ether
Concen: 20.406 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion: 73 Resp: 143897
Ion Ratio Lower Upper
73 100
57 22.8 18.6 27.8

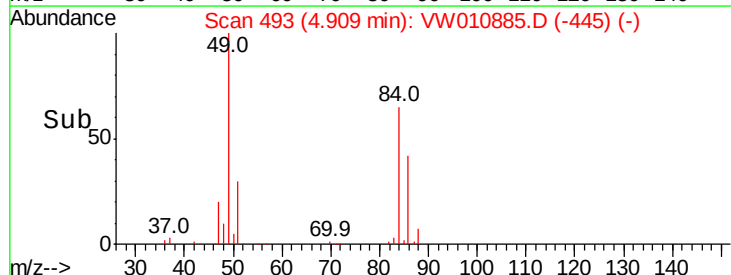
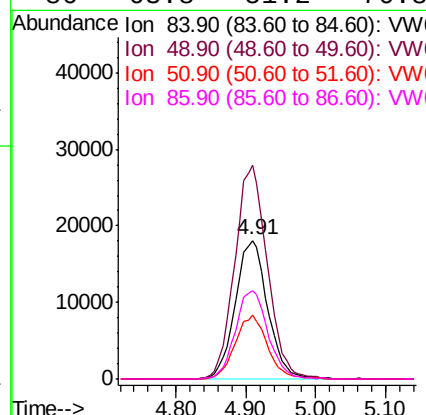
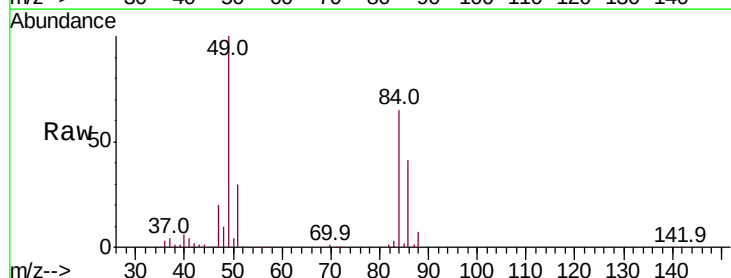
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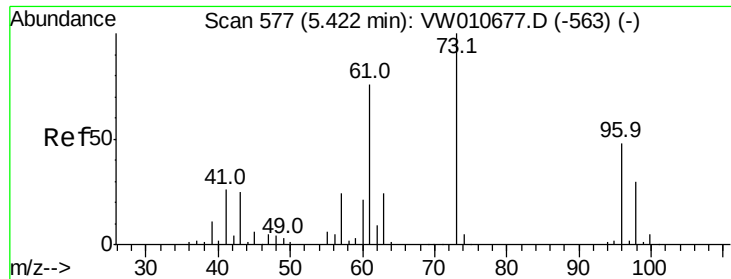
MMDadoda
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#20
Methylene Chloride
Concen: 20.767 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion: 84 Resp: 58172
Ion Ratio Lower Upper
84 100
49 154.2 116.7 175.1
51 46.1 34.2 51.2
86 63.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.318 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 96 Resp: 59171

Ion Ratio Lower Upper

96 100

61 162.5 126.0 189.0

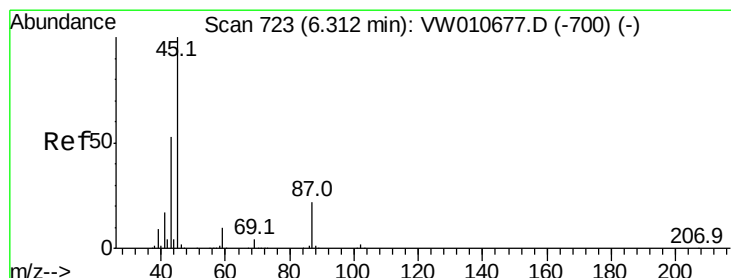
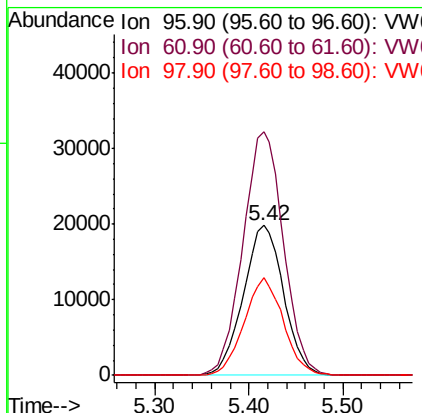
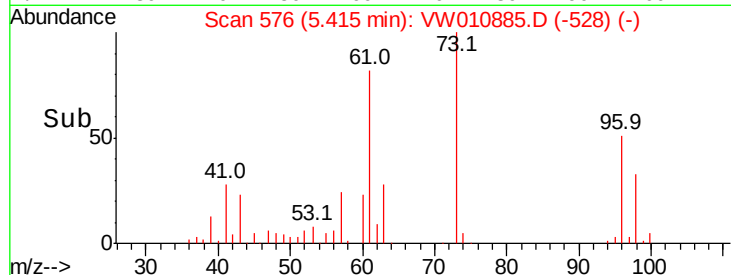
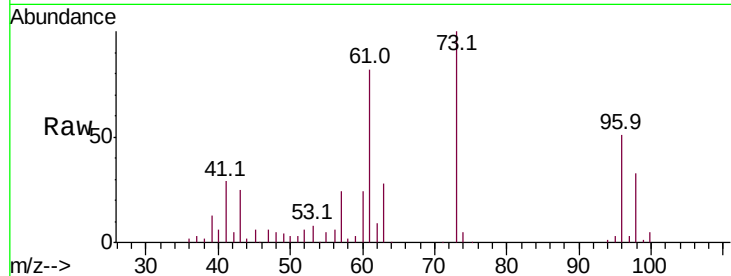
98 65.0 49.6 74.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.386 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion: 45 Resp: 241617

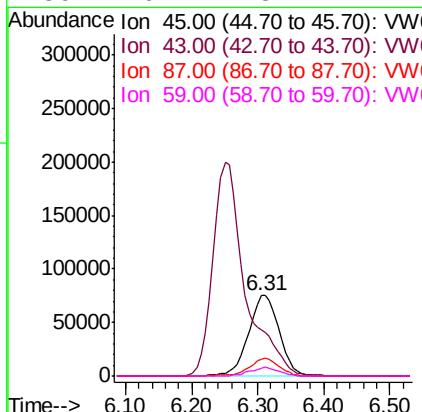
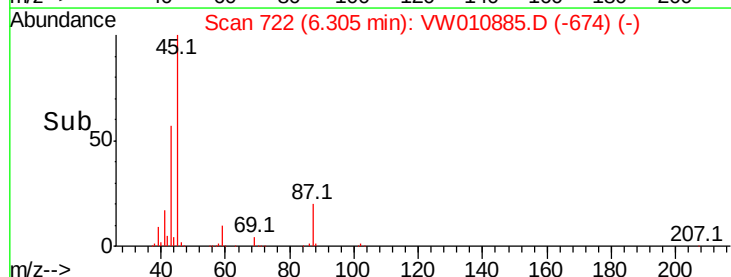
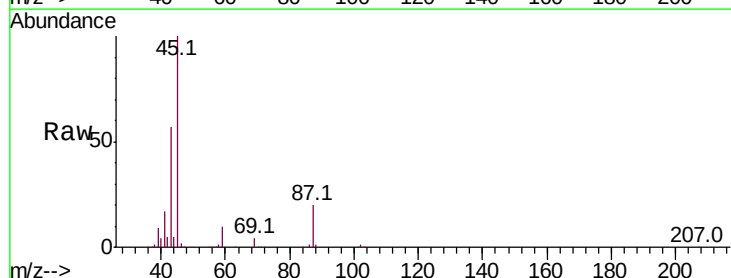
Ion Ratio Lower Upper

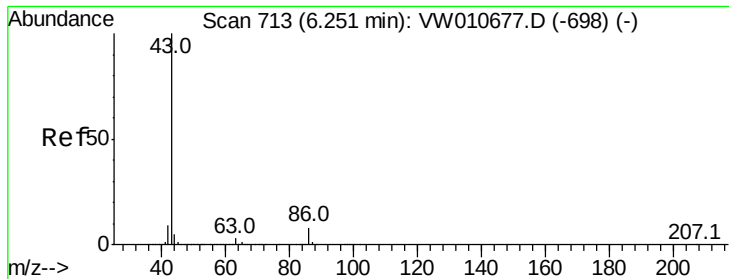
45 100

43 56.1 42.5 63.7

87 20.4 17.4 26.2

59 10.1 8.1 12.1





#23

Vinyl Acetate

Concen: 103.766 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 43 Resp: 675885

Ion Ratio Lower Upper

43 100

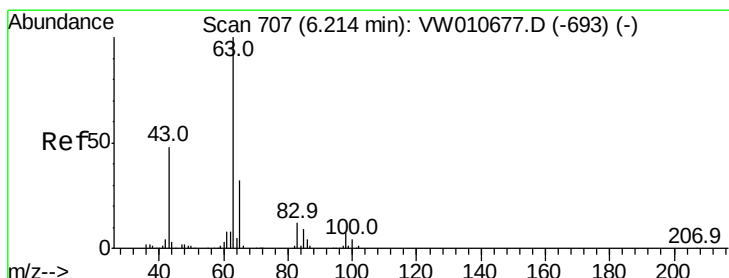
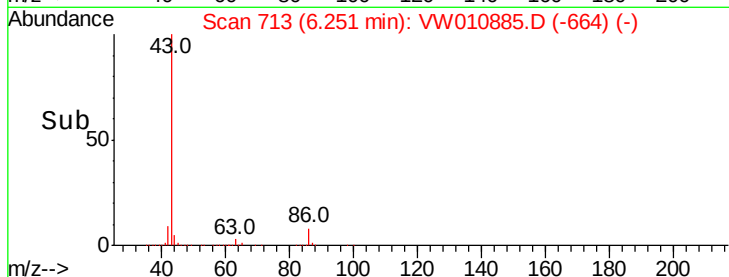
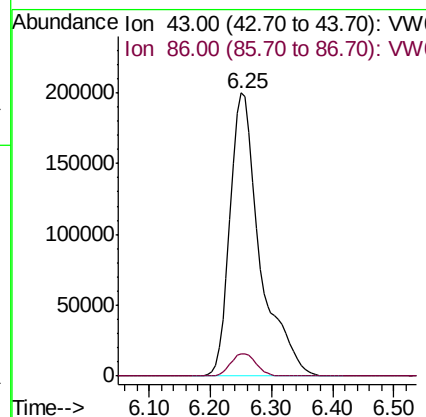
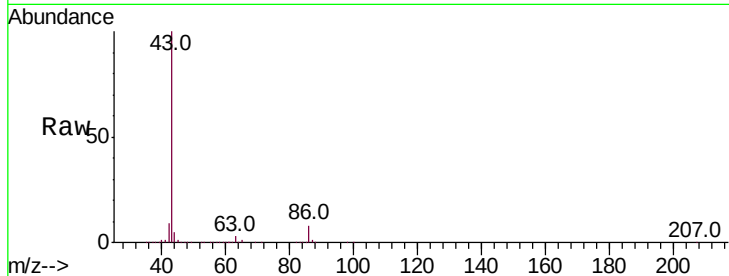
86 7.9 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.344 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

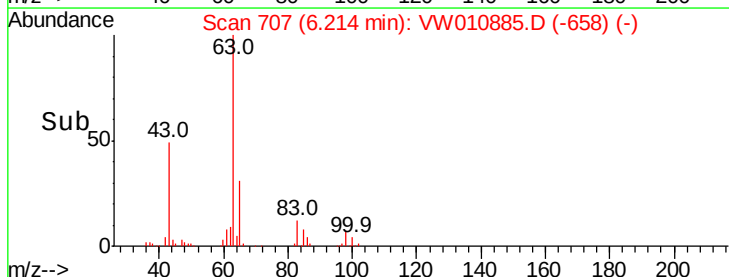
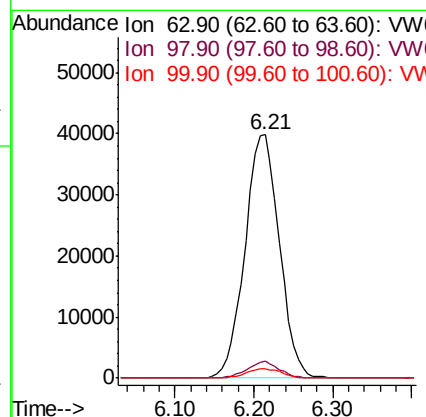
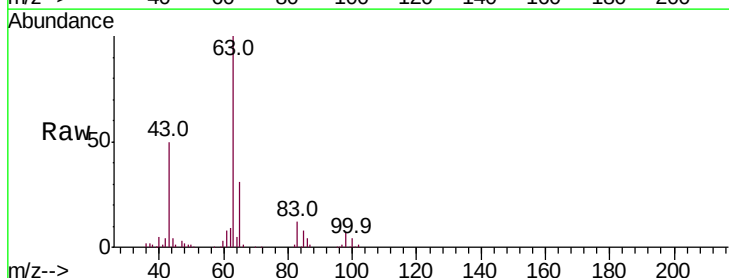
Tgt Ion: 63 Resp: 120853

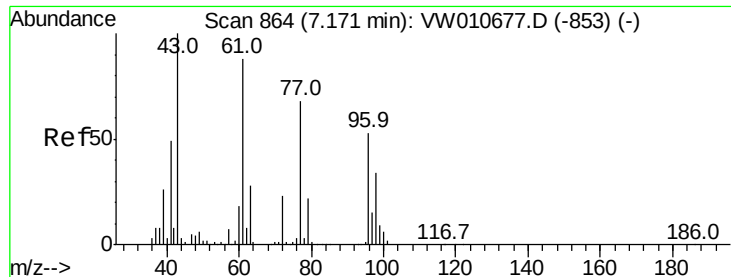
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 103.942 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0620SBS01

Tot Ion: 43 Resp: 115084

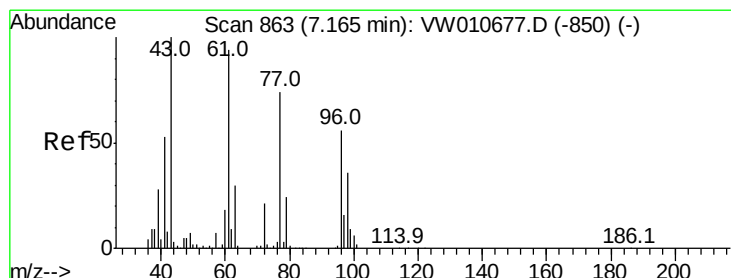
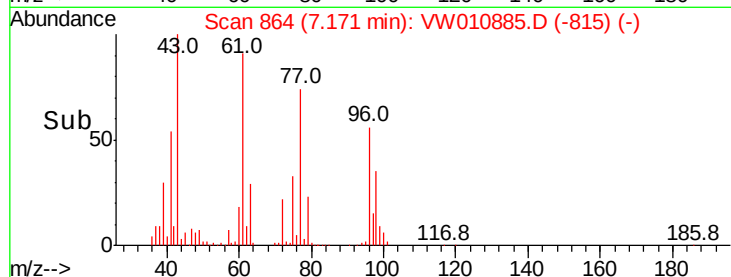
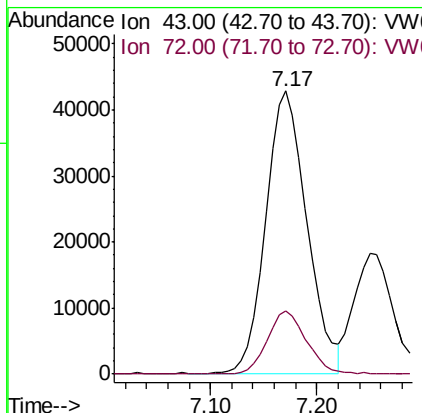
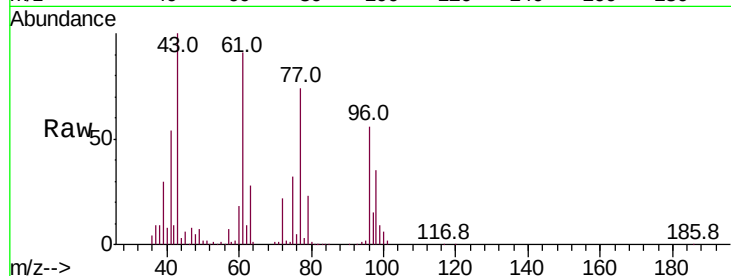
Ion Ratio Lower Upper

43 100

72 22.3 18.1 27.1

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#26

2,2-Dichloropropane

Concen: 23.117 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010885.D

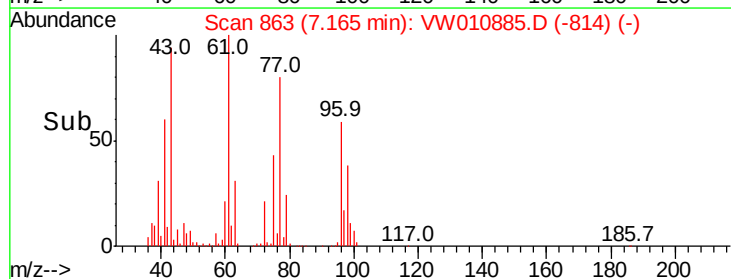
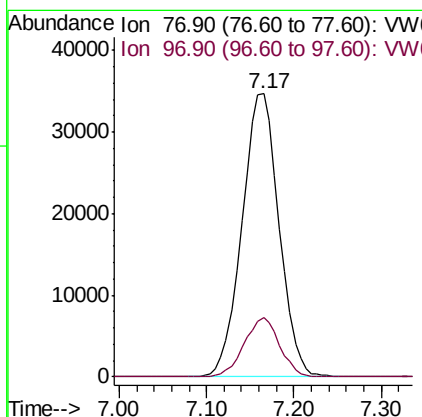
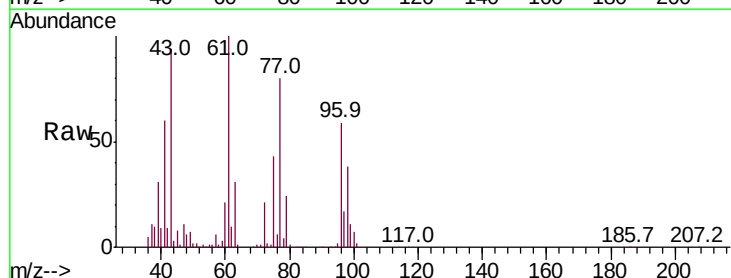
Acq: 20 Jun 2019 12:00

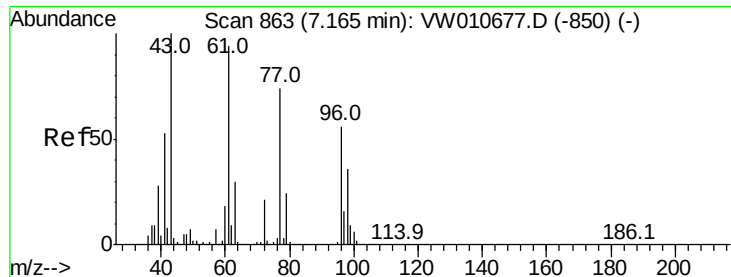
Tgt Ion: 77 Resp: 101744

Ion Ratio Lower Upper

77 100

97 19.9 10.5 31.6





#27

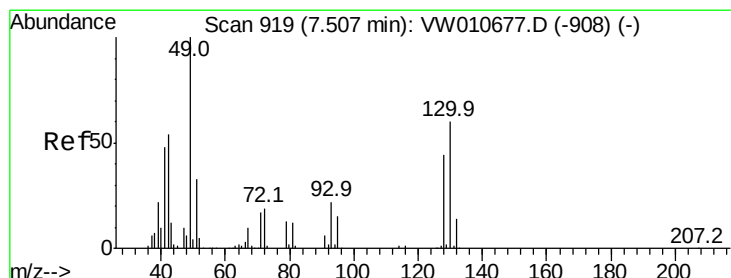
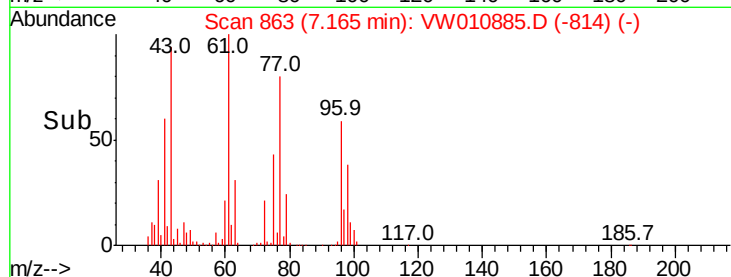
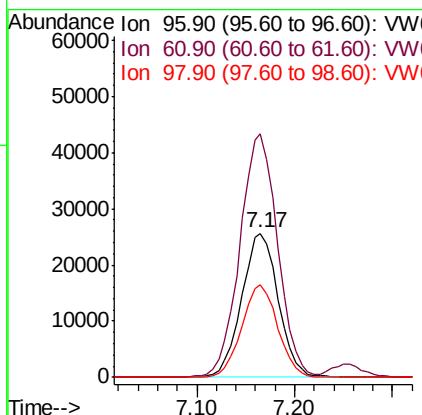
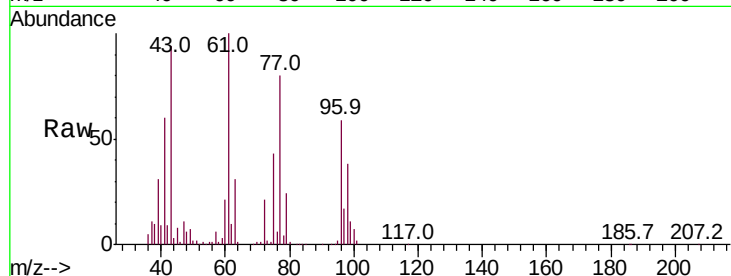
cis-1,2-Dichloroethene
Concen: 21.800 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	173.9	0.0	336.4
98	63.5	0.0	128.0

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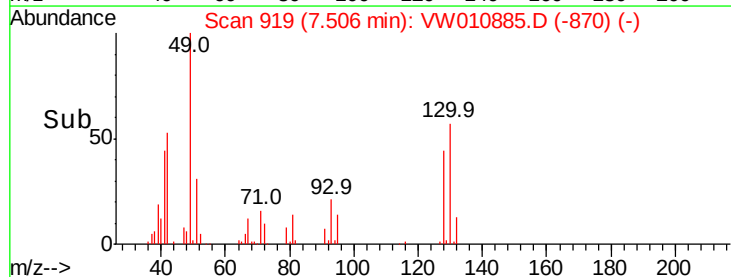
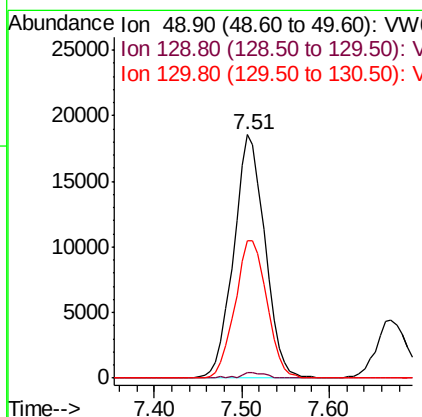
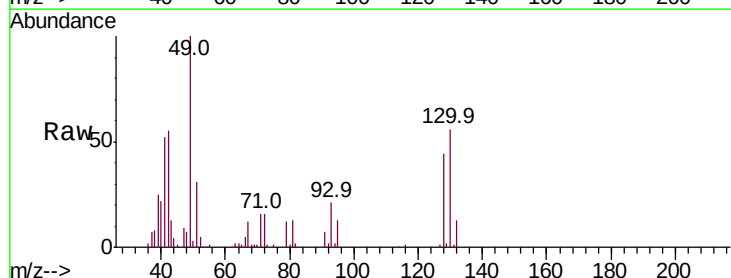
MMDadoda
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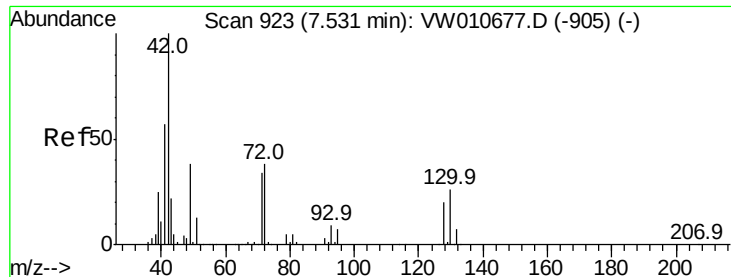


#28

Bromochloromethane
Concen: 19.121 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	57.4	48.3	72.5





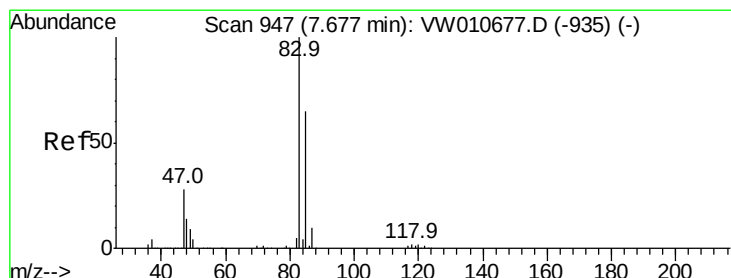
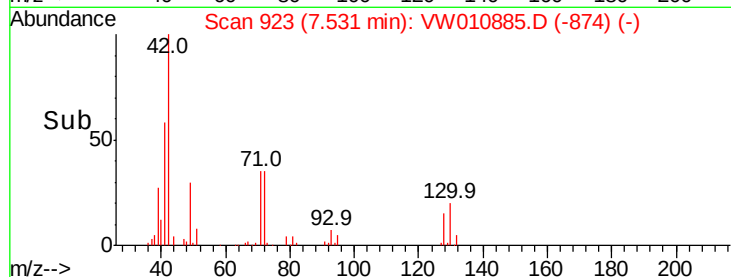
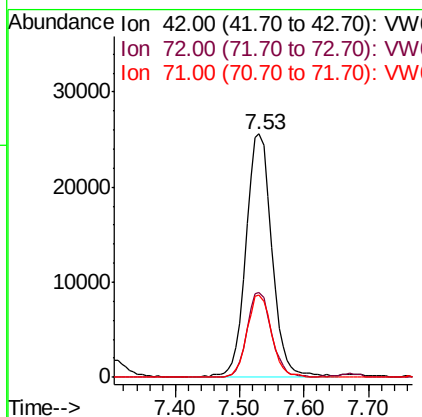
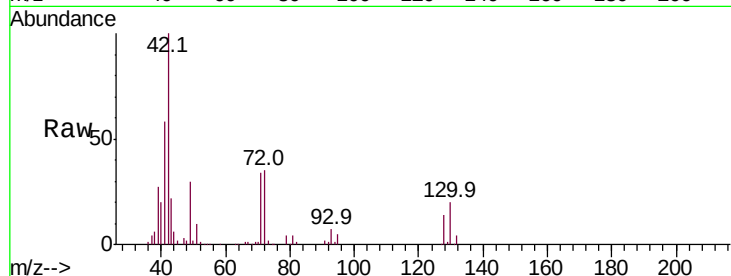
#29
Tetrahydrofuran
Concen: 100.475 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.3	28.7	43.1
71	32.4	26.6	39.8

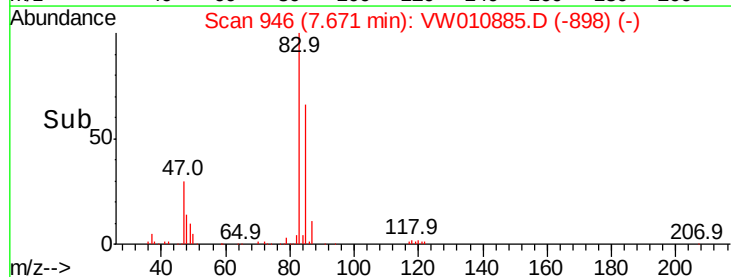
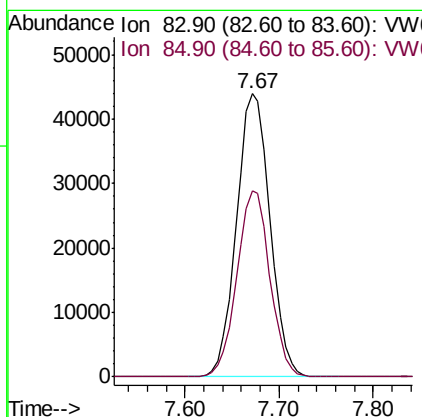
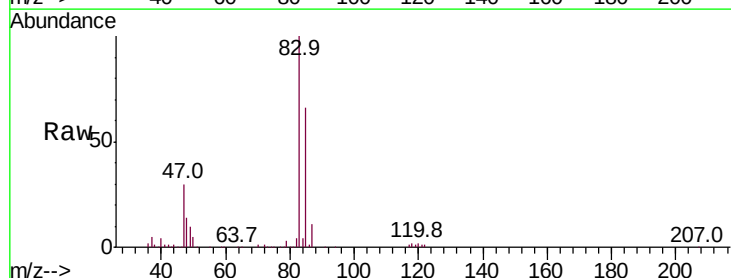
Manual Integrations
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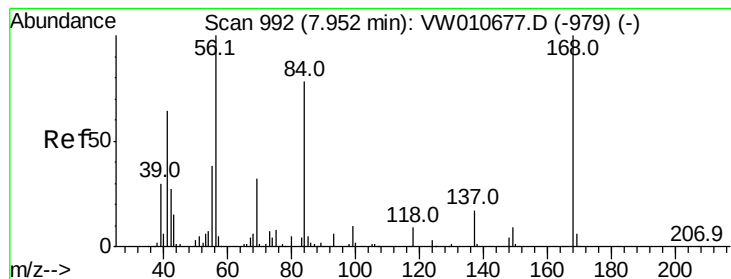
MMDadoda
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#30
Chloroform
Concen: 22.072 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.8	77.8





#31

Cyclohexane

Concen: 21.434 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

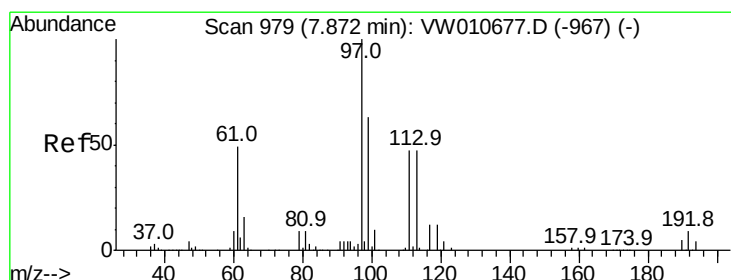
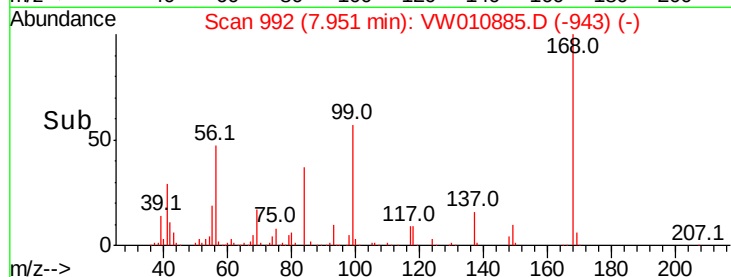
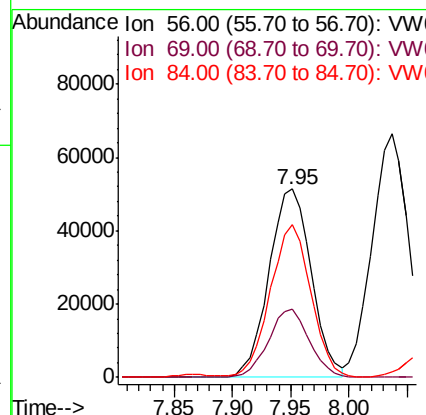
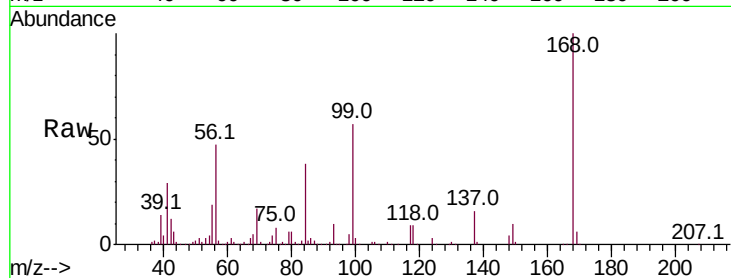
ClientSampled :

VW0620SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	25.2	37.8
84	79.5	62.2	93.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.939 ug/l

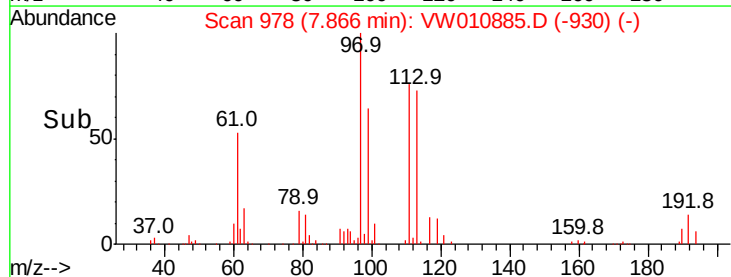
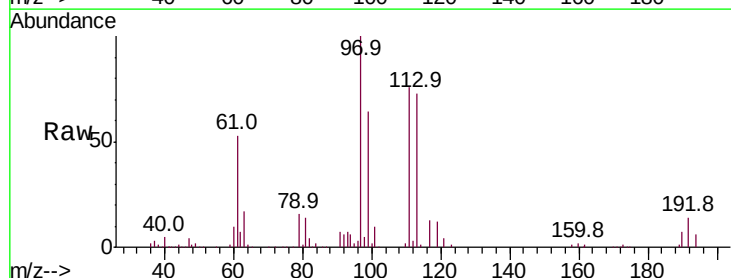
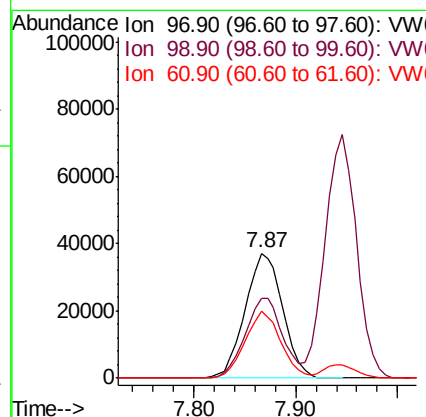
RT: 7.87 min Scan# 978

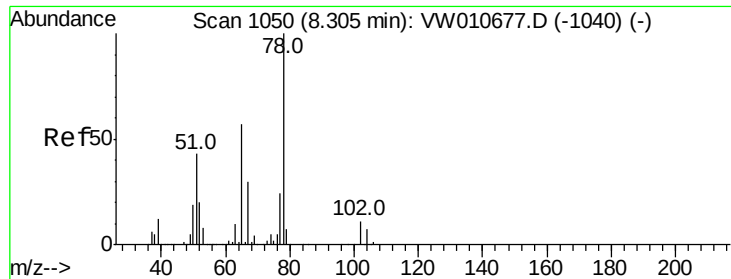
Delta R.T. -0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	51.4	40.4	60.6





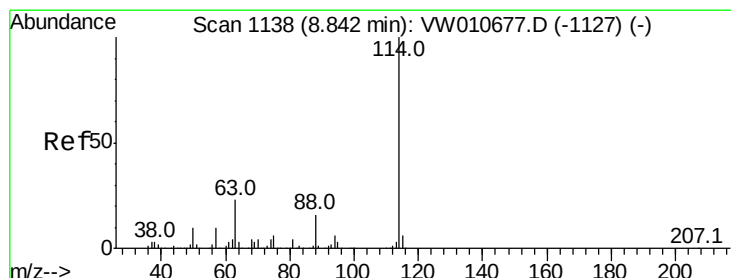
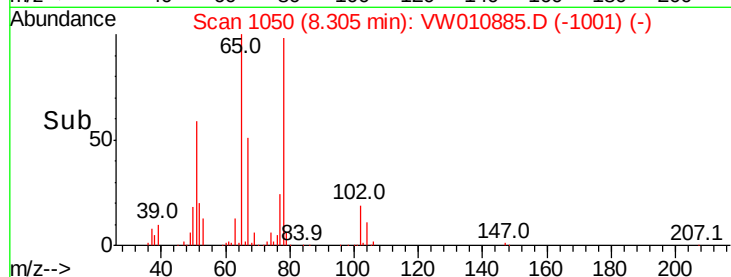
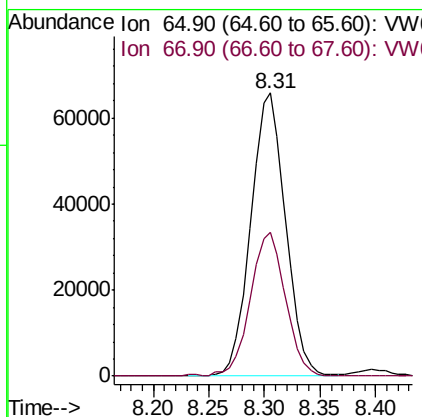
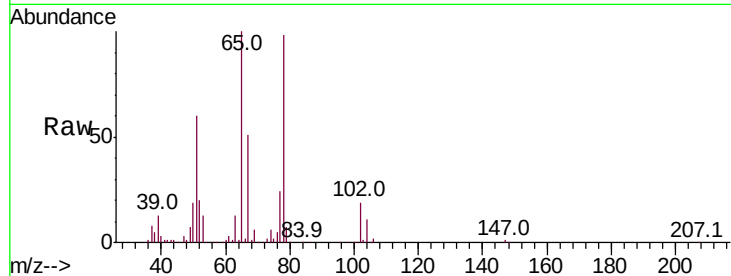
#33
 1,2-Dichloroethane-d4
 Concen: 47.961 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

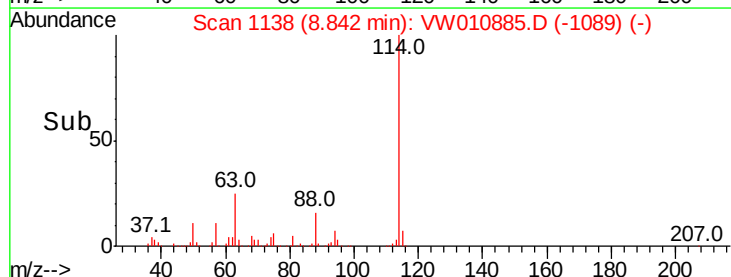
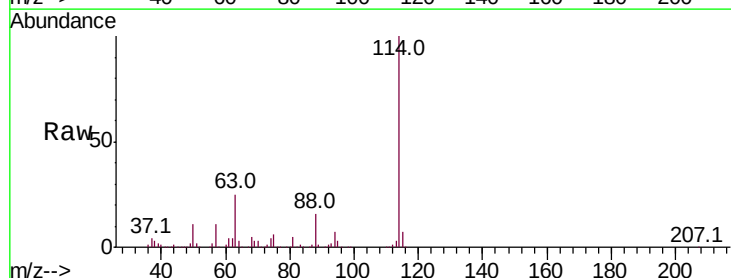
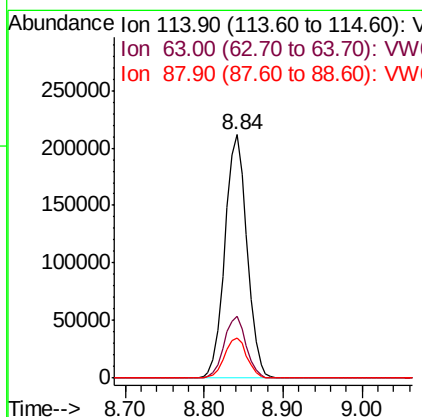
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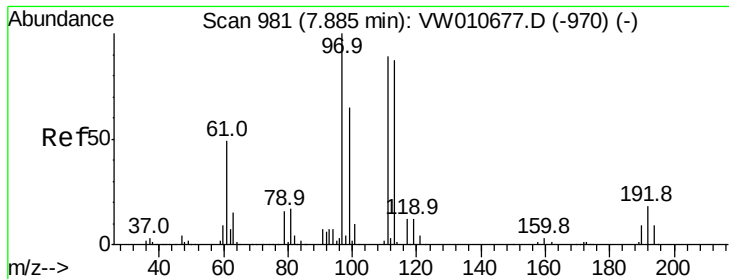
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	46.4
88	16.4	0.0	32.2





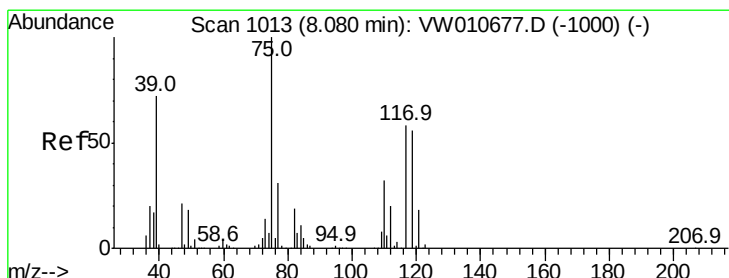
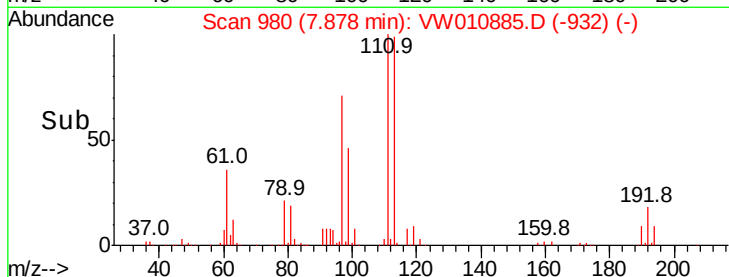
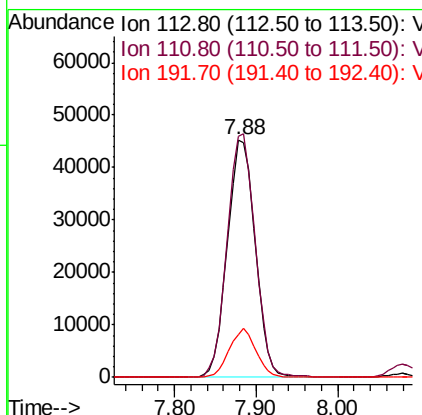
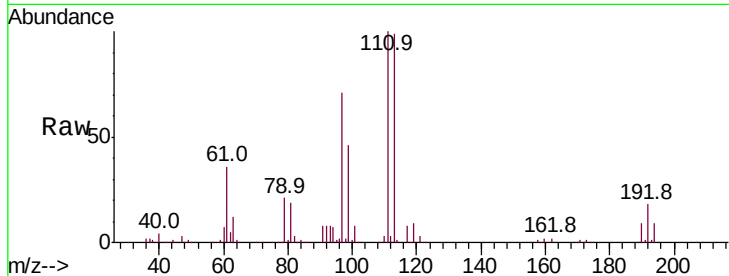
#35
 Dibromofluoromethane
 Concen: 47.748 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.6	123.8	
192	19.7	16.4	24.6	

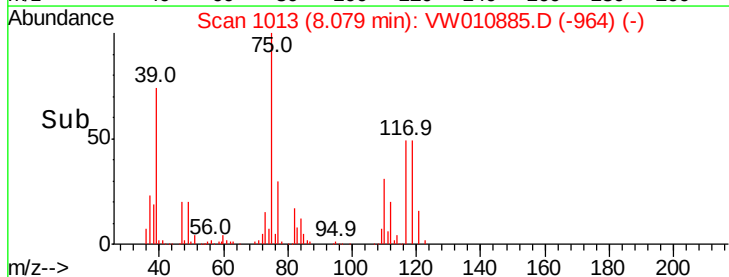
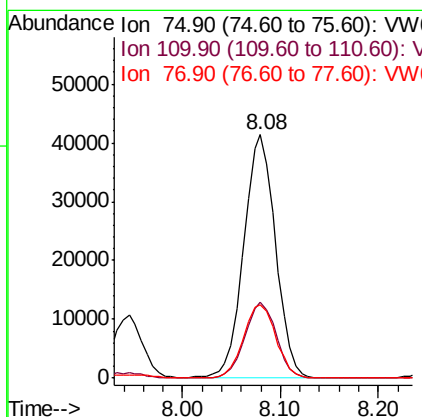
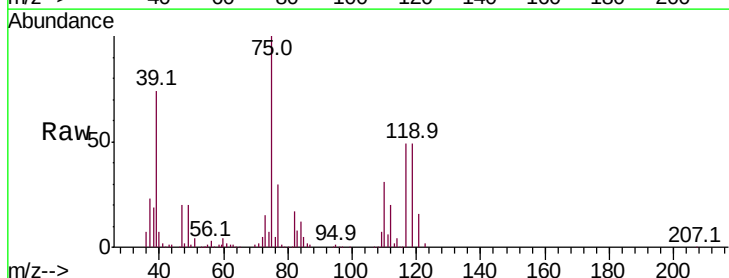
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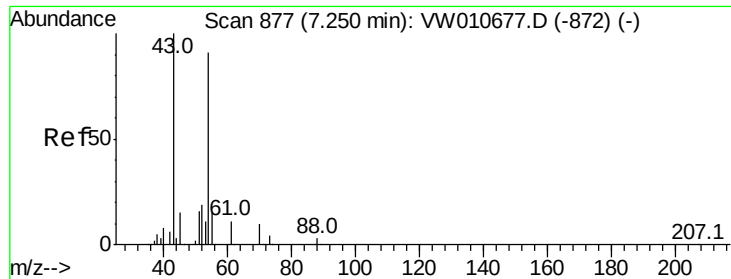
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#36
 1,1-Dichloropropene
 Concen: 22.009 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

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





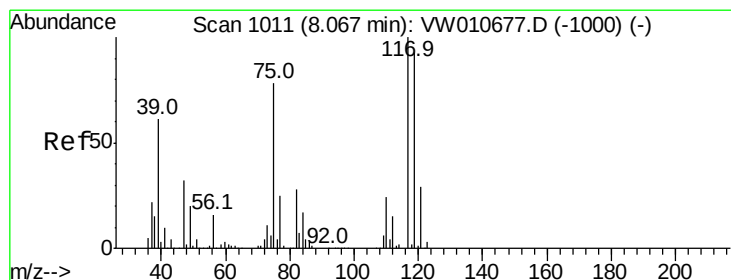
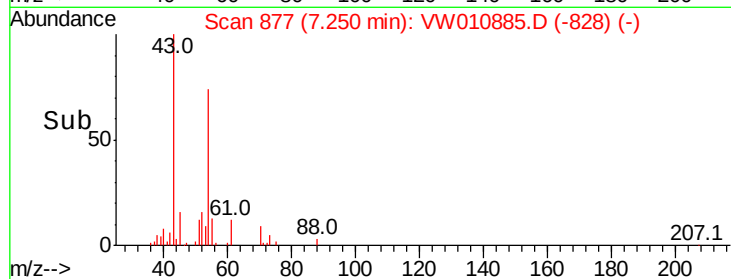
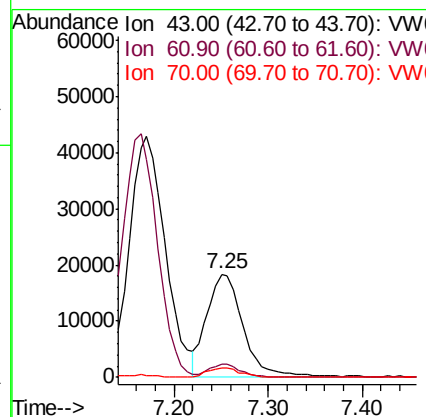
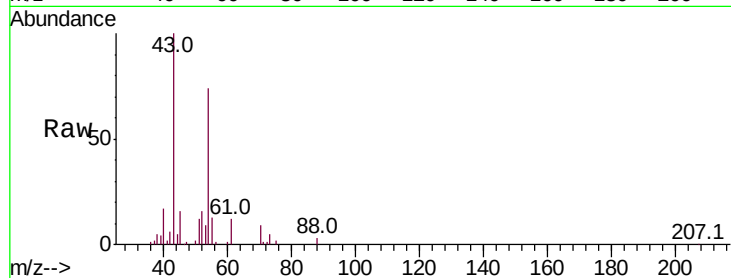
#37
Ethyl Acetate
Concen: 20.537 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampled :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.7	14.5
70	8.6	7.2	10.8

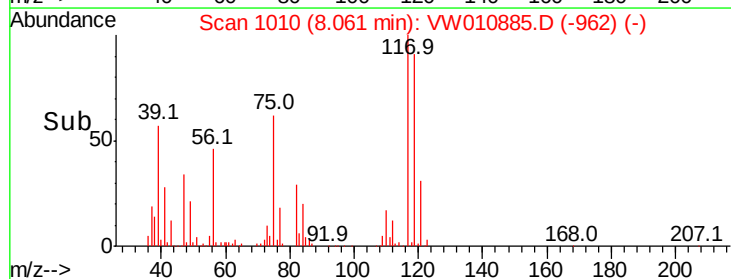
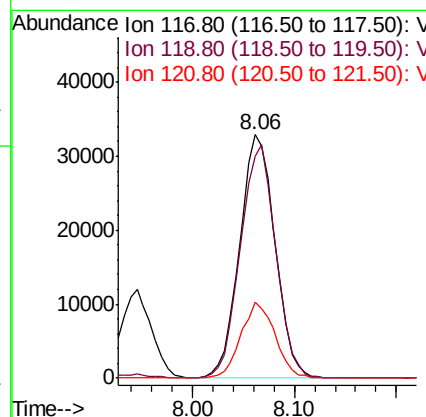
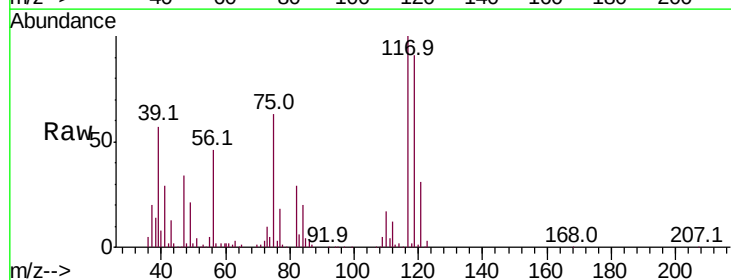
Manual Integrations
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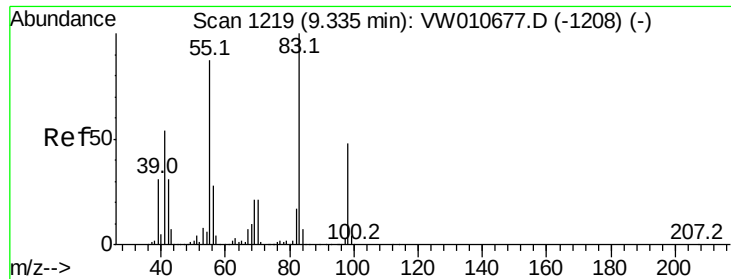
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#38
Carbon Tetrachloride
Concen: 21.756 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	74.2	111.4
121	30.9	22.9	34.3





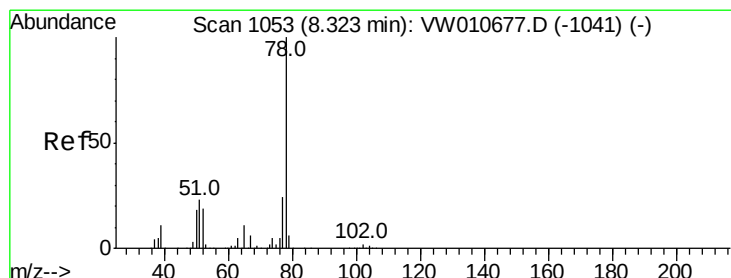
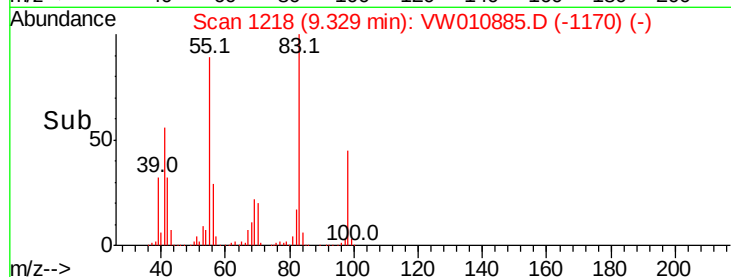
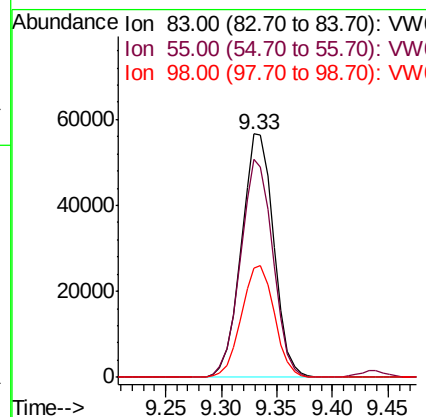
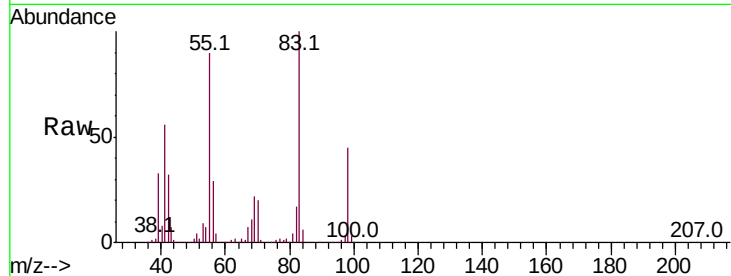
#39
Methylvlcyclohexane
Concen: 21.300 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	83	Resp	114334
Ion Ratio	100	Lower	Upper
83	100		
55	89.4	70.0	105.0
98	44.9	38.1	57.1

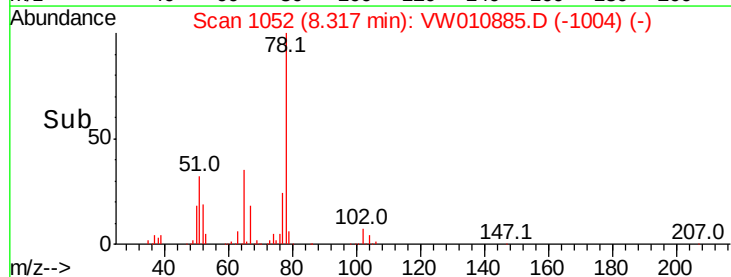
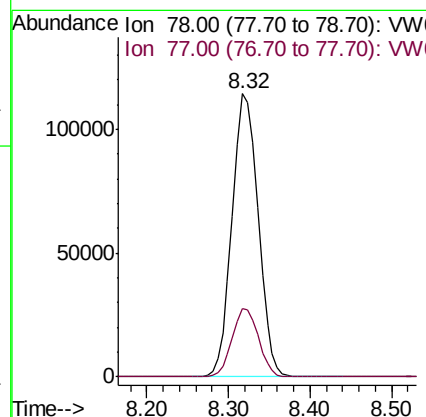
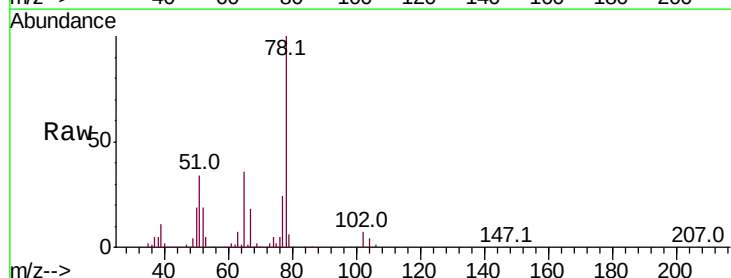
Manual Integrations
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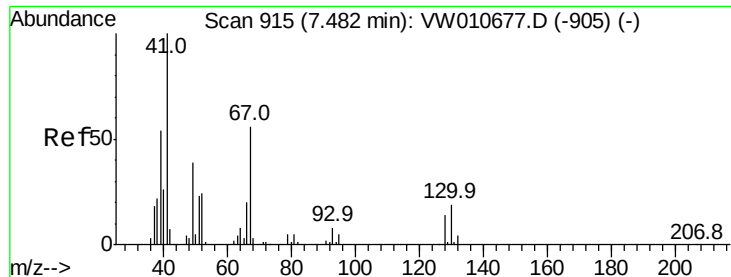
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#40
Benzene
Concen: 21.996 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	78	Resp	253383
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	19.1	28.7





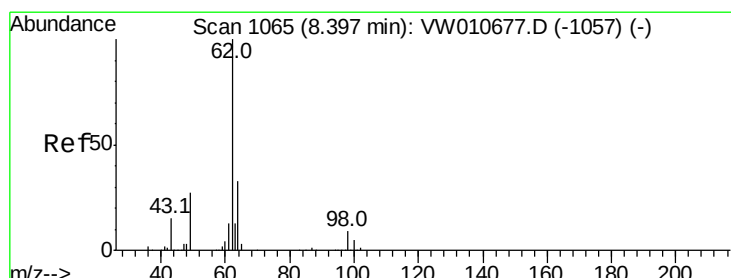
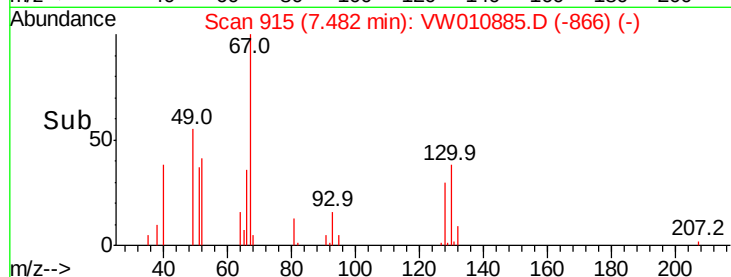
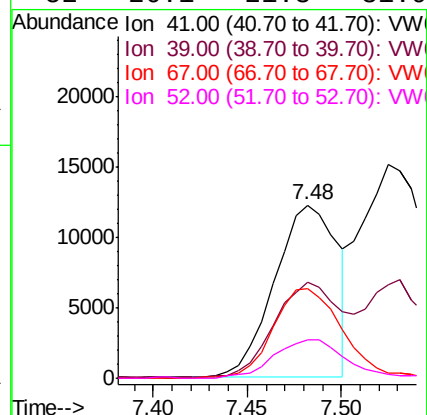
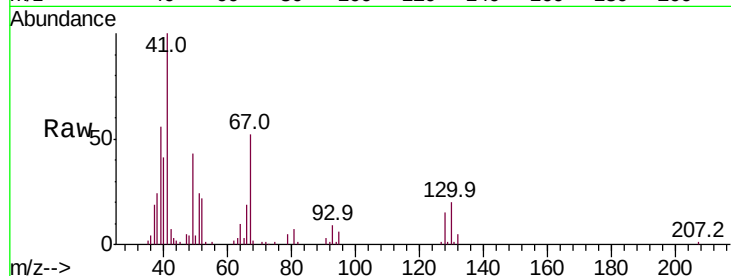
#41
Methacrylonitrile
Concen: 20.481 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	41	Resp	28486
Ion	Ratio	Lower	Upper
41	100		
39	61.3	47.3	70.9
67	57.7	47.2	70.8
52	26.1	21.3	31.9

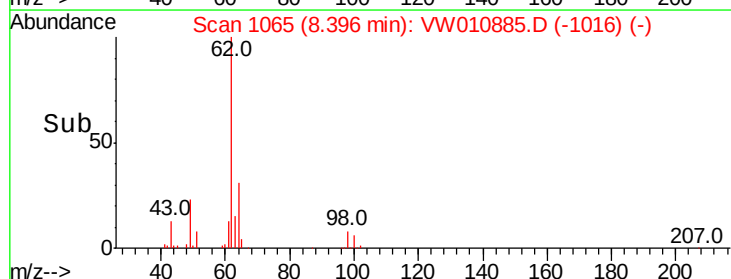
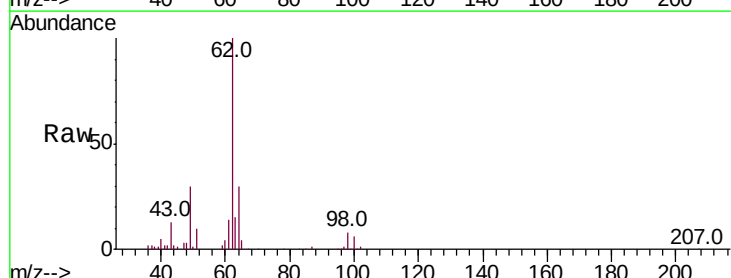
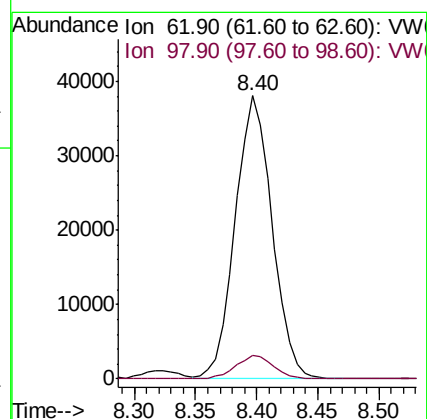
Manual Integrations
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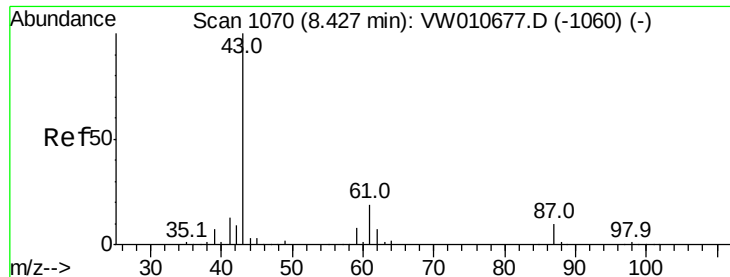
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.729 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	62	Resp	79443
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.277 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

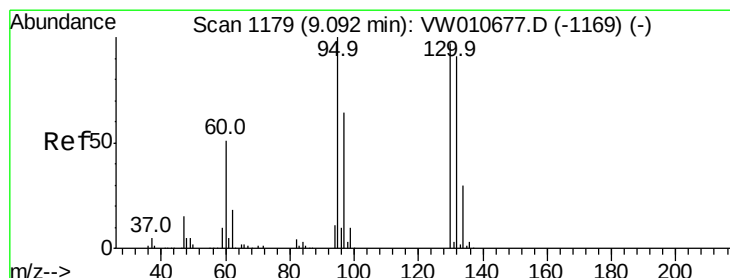
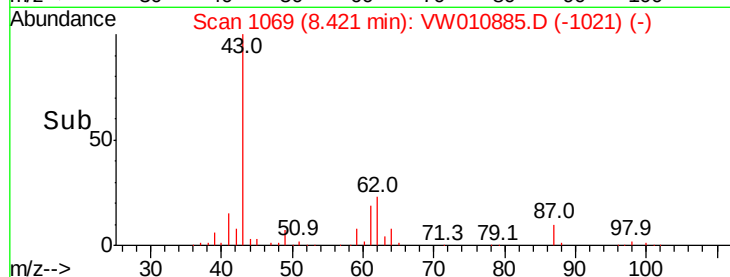
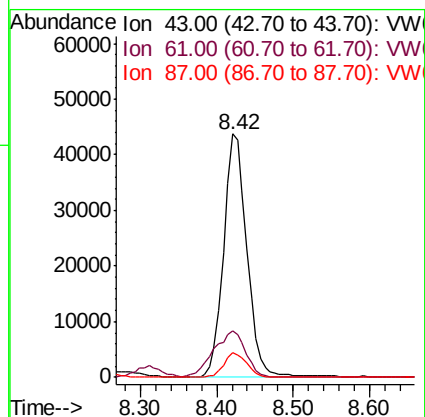
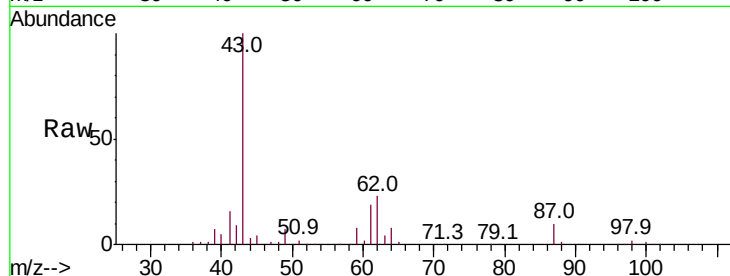
ClientSampleId :

VW0620SBS01

Tot Ion:	43	Resp:	91663
Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.2	31.8
87	9.9	8.3	12.5

Manual Integrations
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6/21/2019 3:20:46 PM



#44

Trichloroethene

Concen: 21.773 ug/l

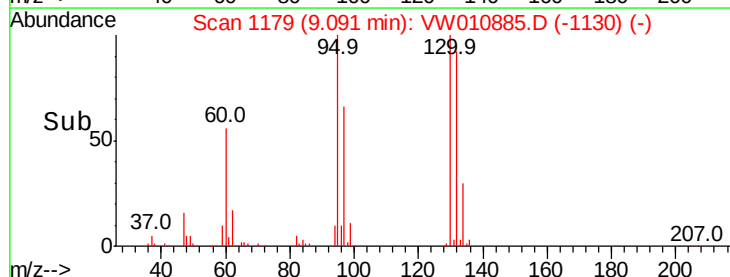
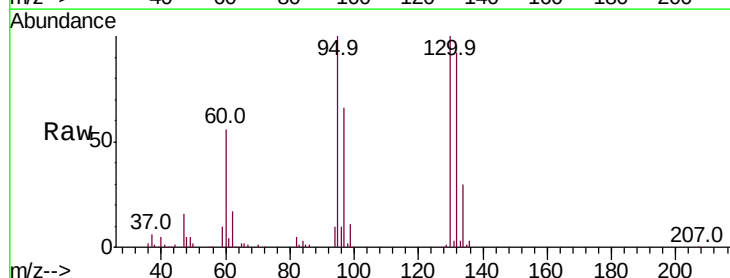
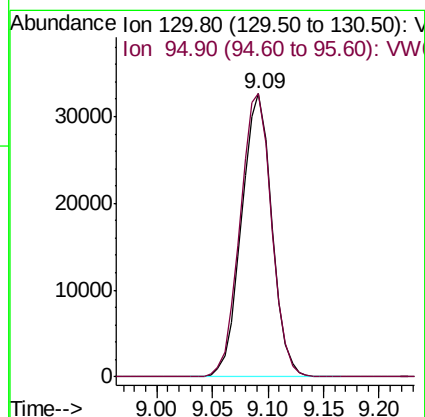
RT: 9.09 min Scan# 1179

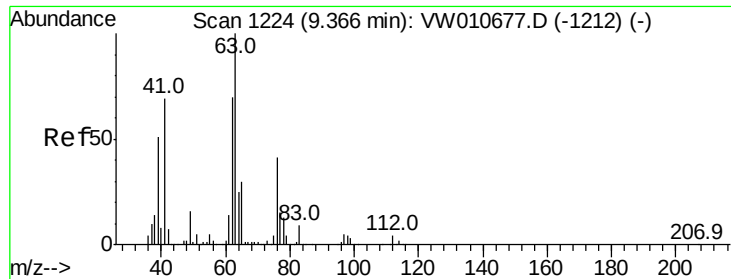
Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion:	130	Resp:	61870
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	207.0





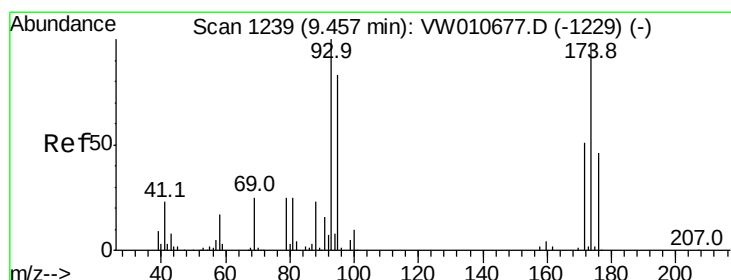
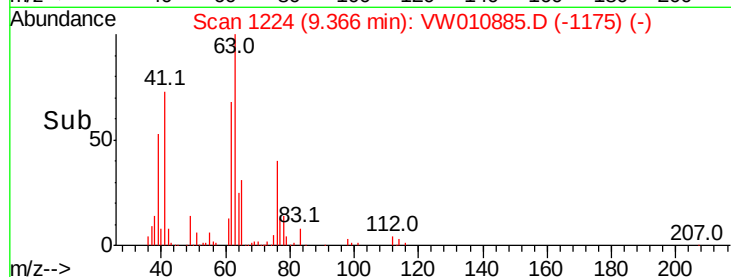
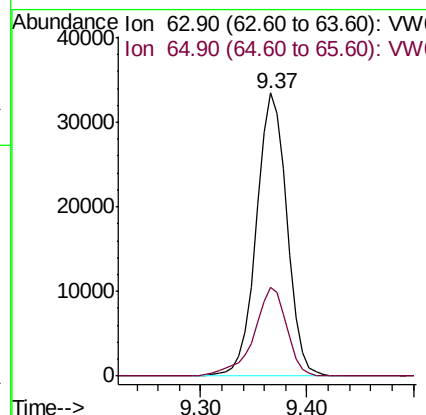
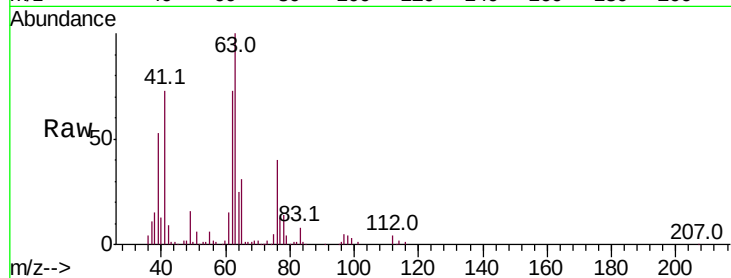
#45
 1,2-Dichloropropane
 Concen: 22.068 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	63	Resp	67295
Ion Ratio	100	Lower	Upper
63	100		
65	31.3	23.8	35.6

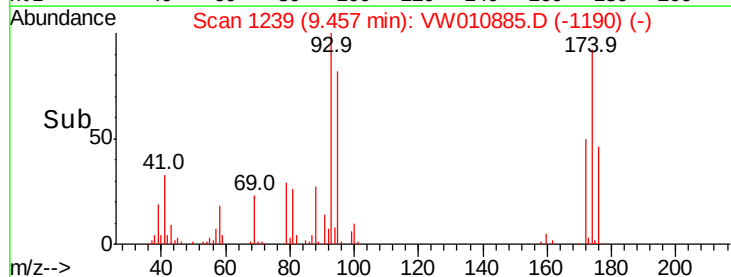
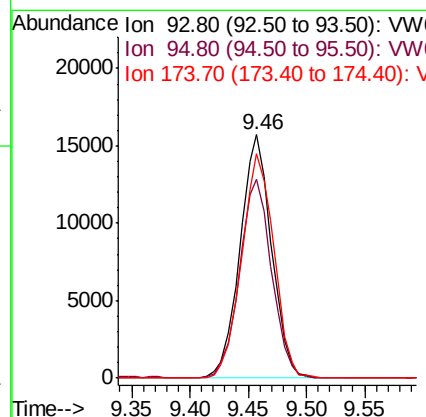
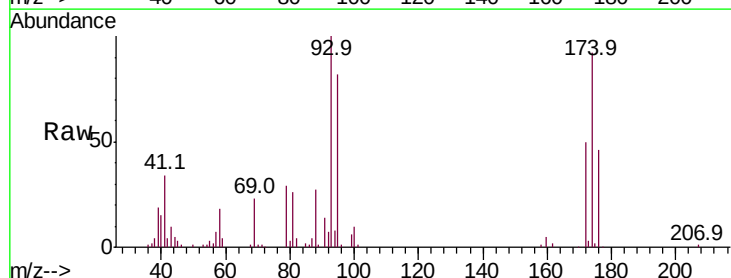
Manual Integrations
 APPROVED

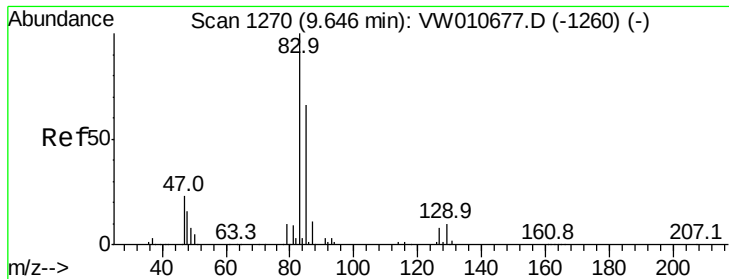
MMDadoda
 6/21/2019 3:20:46 PM



#46
 Dibromomethane
 Concen: 20.952 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion	93	Resp	29676
Ion Ratio	100	Lower	Upper
93	100		
95	83.0	65.8	98.8
174	94.2	77.4	116.0





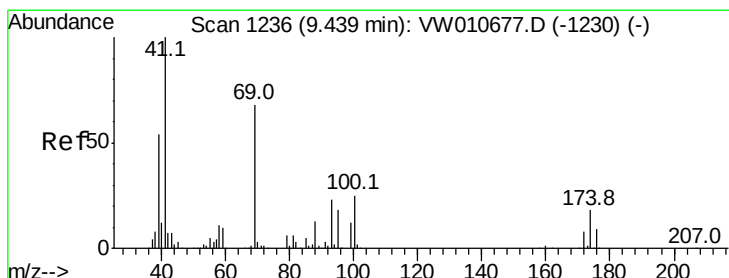
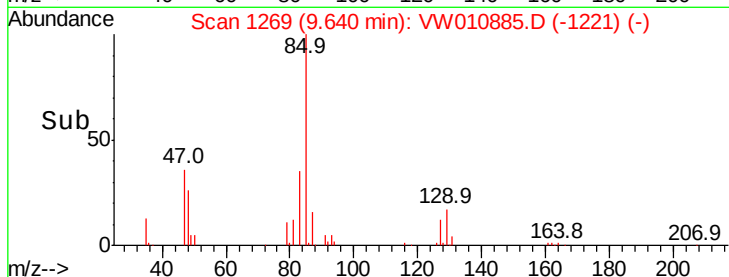
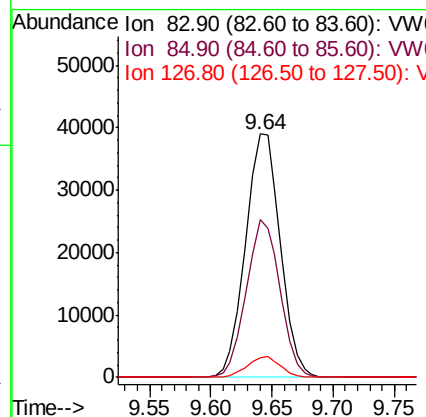
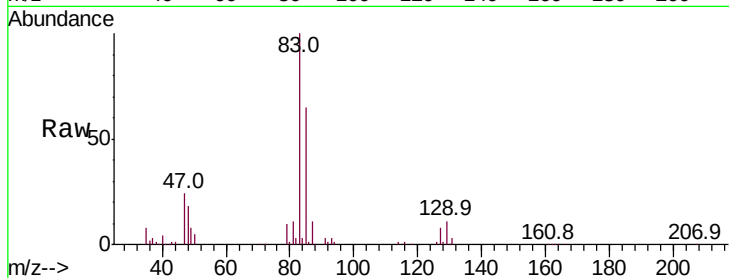
#47
 Bromodichloromethane
 Concen: 21.006 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampled :
 VW0620SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.9	53.0	79.4	
127	7.8	6.4	9.6	

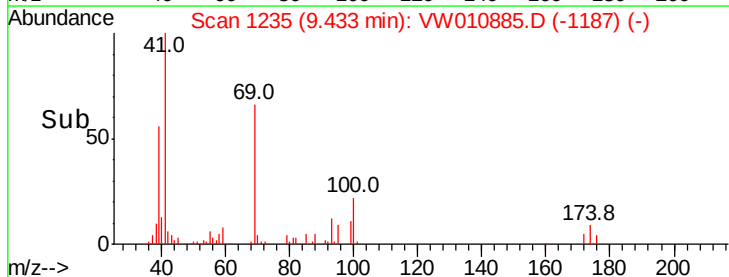
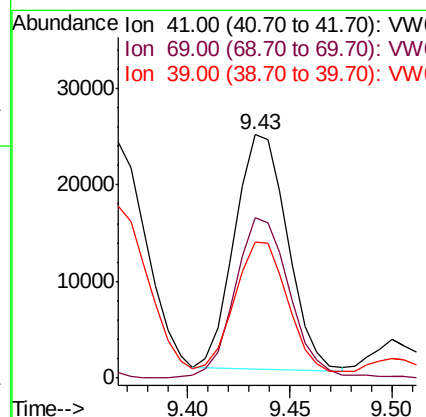
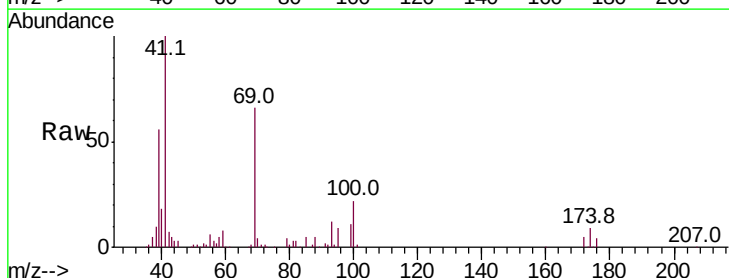
Manual Integrations
 APPROVED

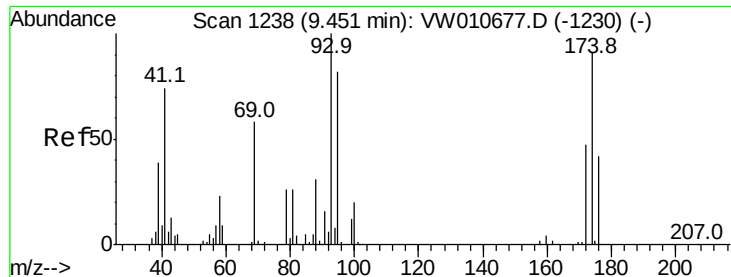
MMDadoda
 6/21/2019 3:20:46 PM



#48
 Methyl methacrylate
 Concen: 20.021 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	71.6	56.6	85.0	
39	55.1	44.4	66.6	





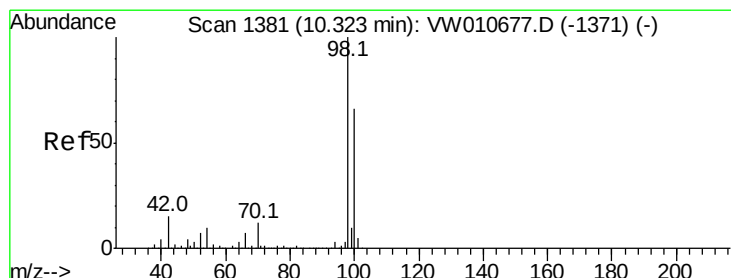
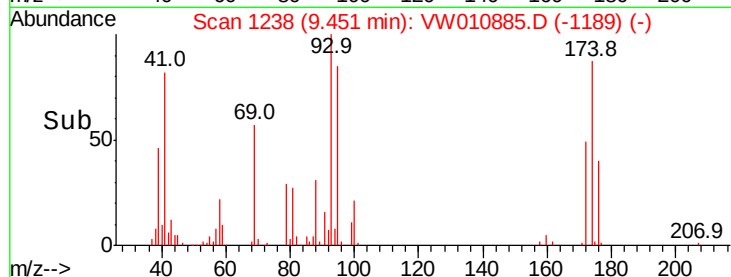
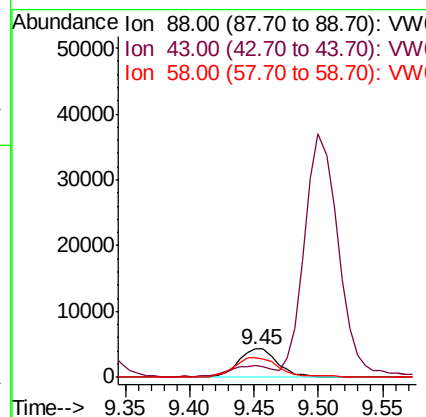
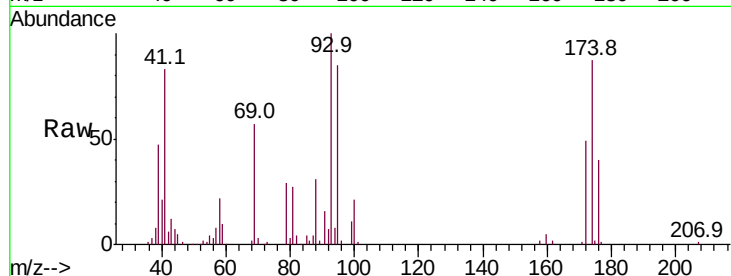
#49
1,4-Dioxane
Concen: 408.507 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion: 88 Resp: 9046
Ion Ratio Lower Upper
88 100
43 42.4 34.2 51.4
58 77.7 69.0 103.4

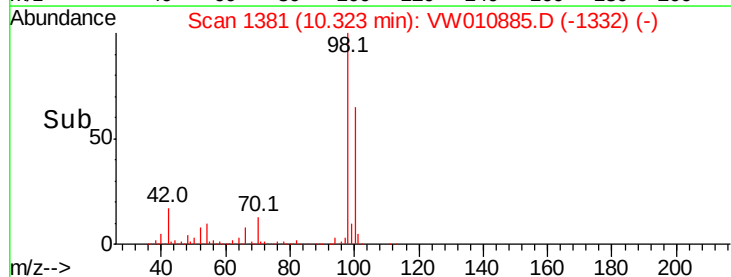
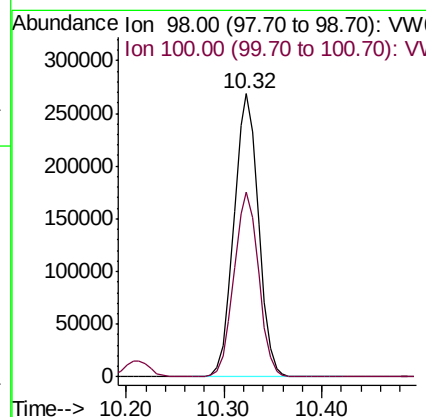
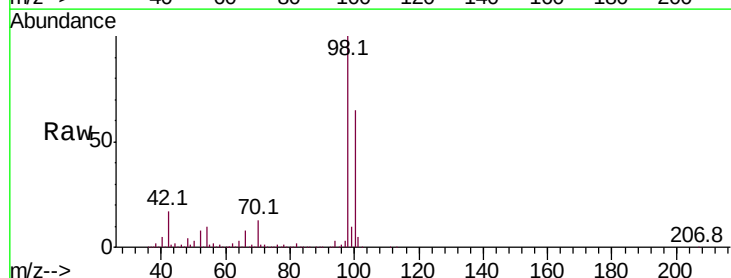
Manual Integrations
APPROVED

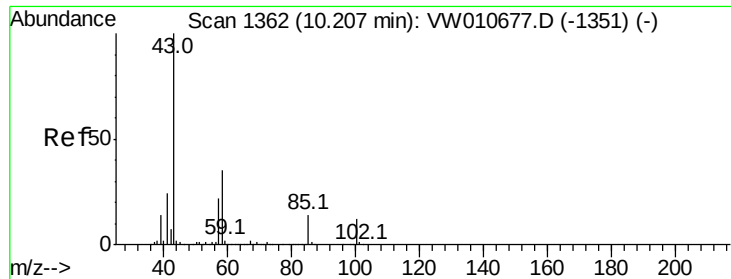
MMDadoda
6/21/2019 3:20:46 PM



#50
Toluene-d8
Concen: 47.503 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion: 98 Resp: 466409
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6





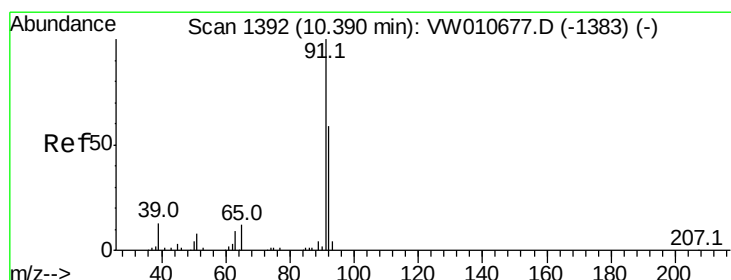
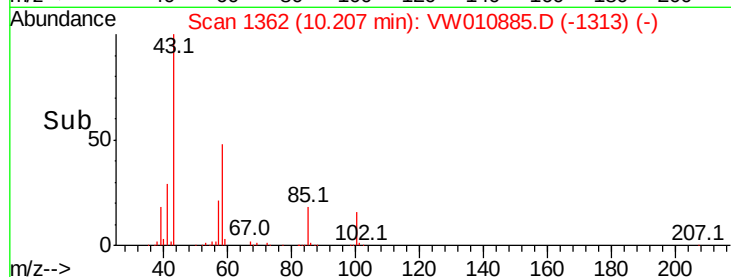
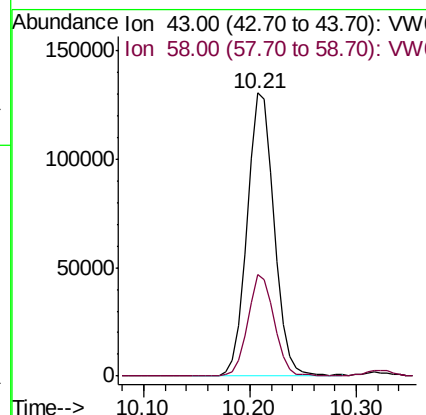
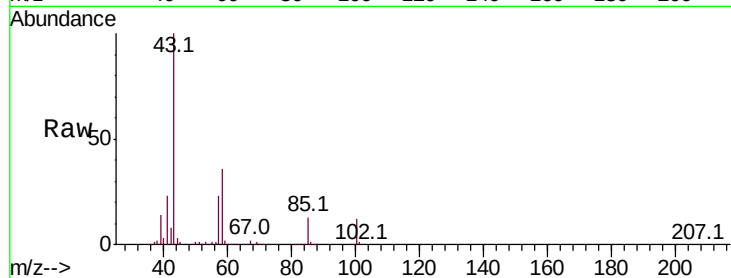
#51
4-Methyl-2-Pentanone
Concen: 100.798 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampled :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.4	42.6

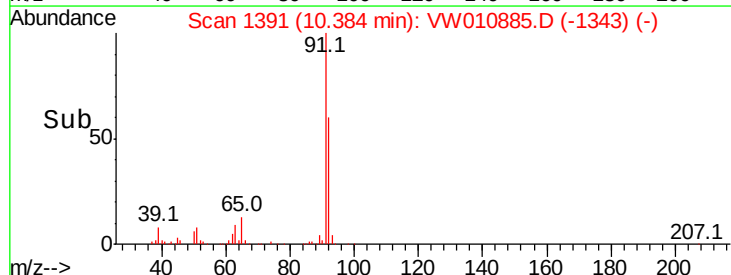
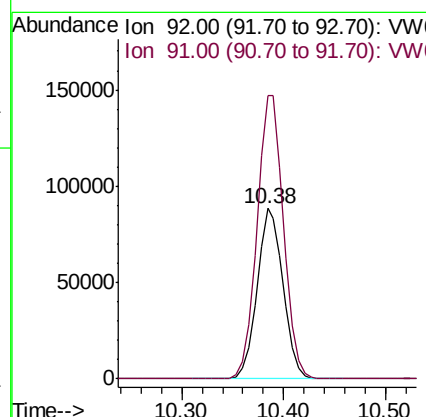
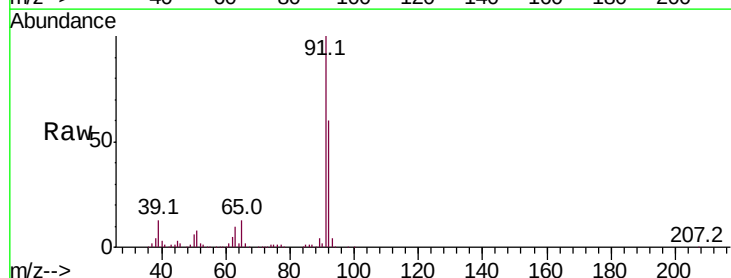
Manual Integrations
APPROVED

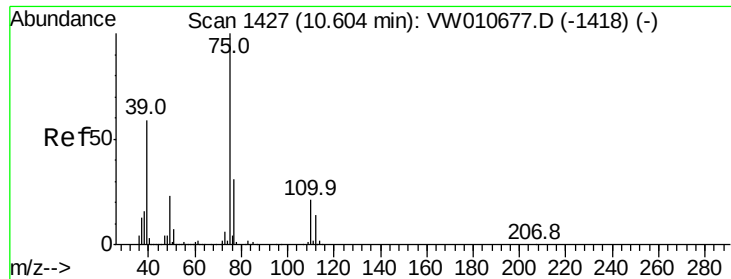
MMDadoda
6/21/2019 3:20:46 PM



#52
Toluene
Concen: 22.029 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.8	134.9	202.3





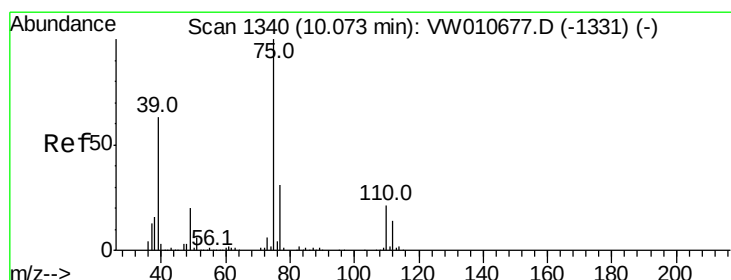
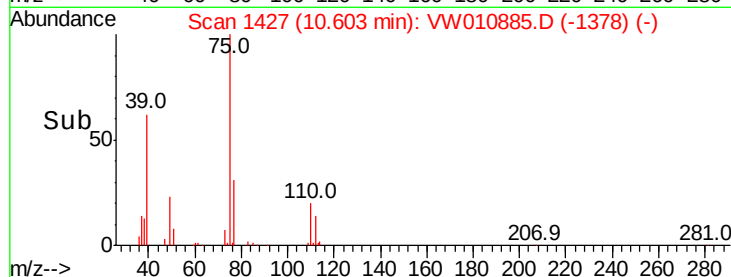
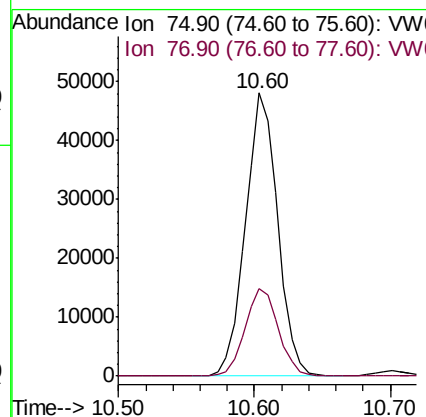
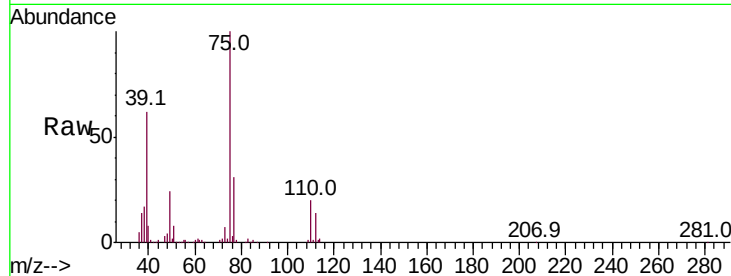
#53
 t-1,3-Dichloropropene
 Concen: 20.457 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampled :
 VW0620SBS01

Tot Ion: 75 Resp: 79552
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8

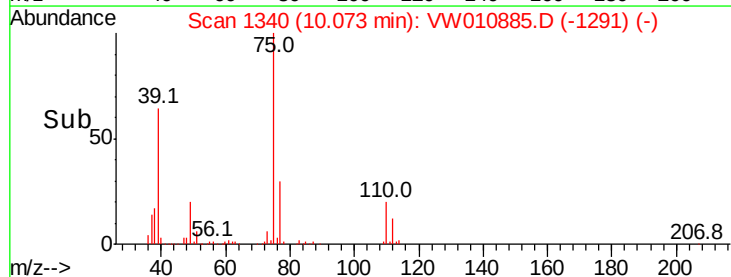
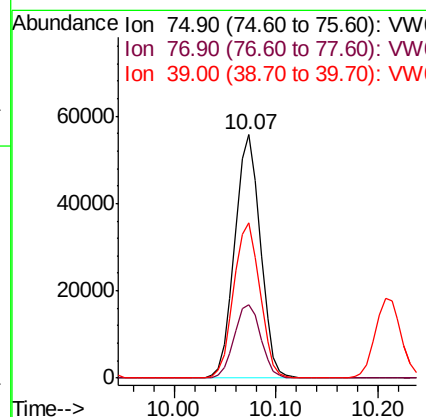
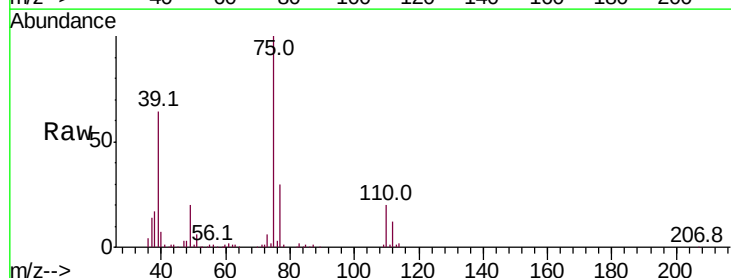
Manual Integrations
 APPROVED

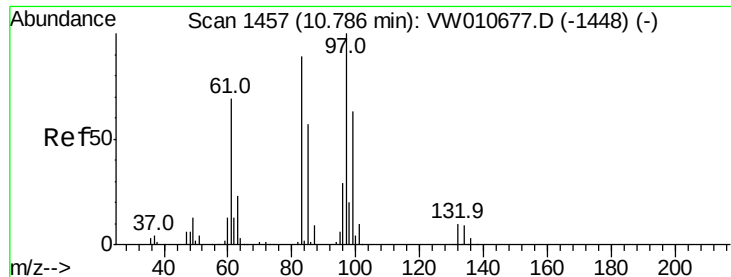
MMDadoda
 6/21/2019 3:20:46 PM



#54
 cis-1,3-Dichloropropene
 Concen: 21.141 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion: 75 Resp: 96739
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.2 37.8
 39 63.7 50.1 75.1





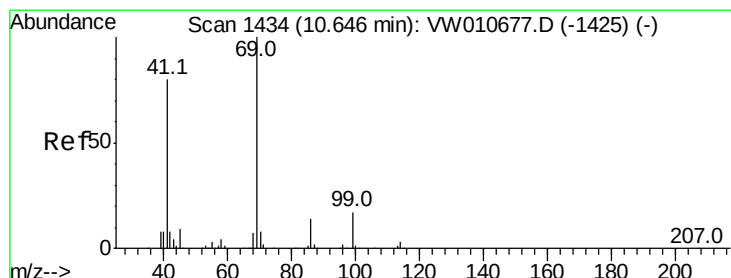
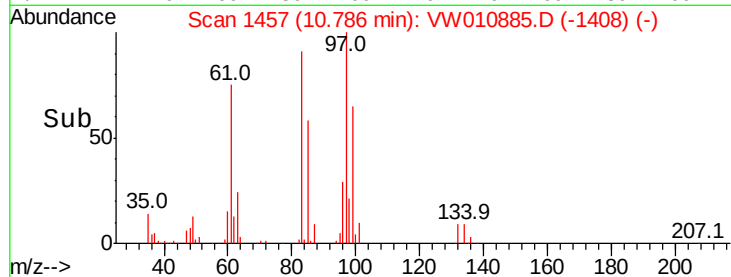
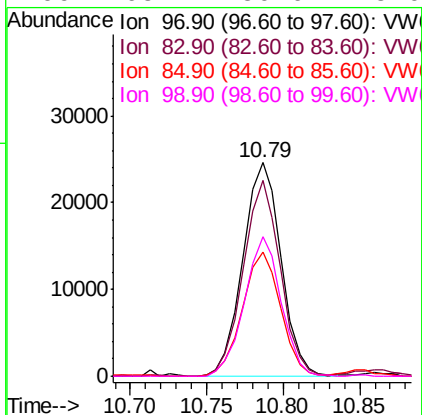
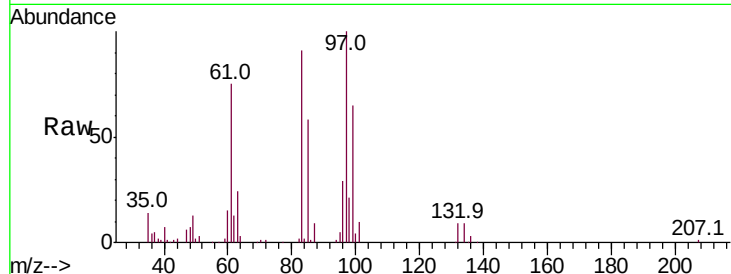
#55
 1,1,2-Trichloroethane
 Concen: 20.957 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion:	97	Resp:	42761
Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.1	106.7
85	58.4	45.2	67.8
99	65.1	50.0	75.0

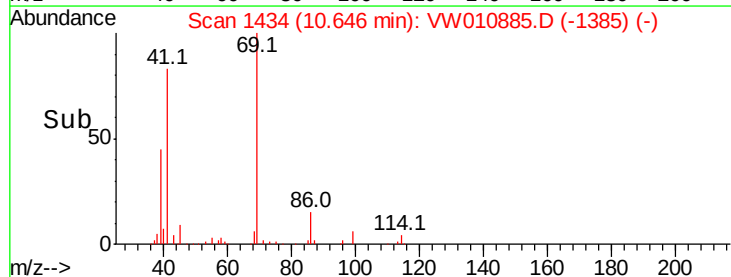
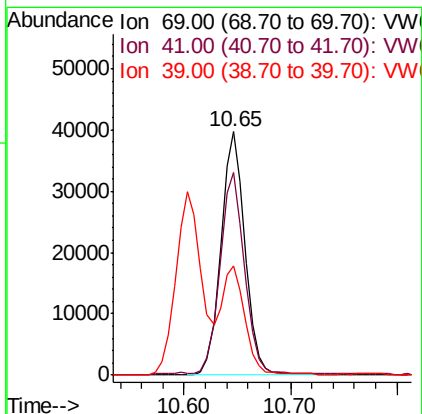
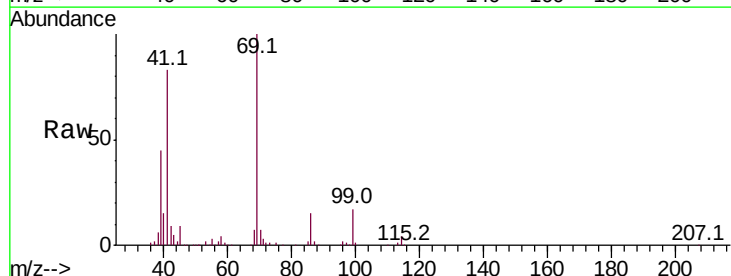
Manual Integrations
 APPROVED

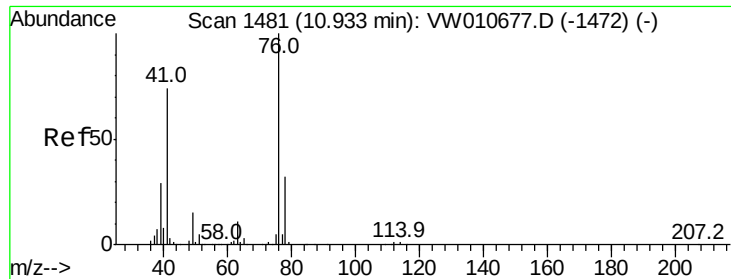
MMDadoda
 6/21/2019 3:20:46 PM



#56
 Ethyl methacrylate
 Concen: 19.954 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion:	69	Resp:	62648
Ion	Ratio	Lower	Upper
69	100		
41	85.6	64.8	97.2
39	41.8	32.2	48.2





#57

1,3-Dichloropropane

Concen: 21.261 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0620SBS01

Tot Ion: 76 Resp: 81754

Ion Ratio Lower Upper

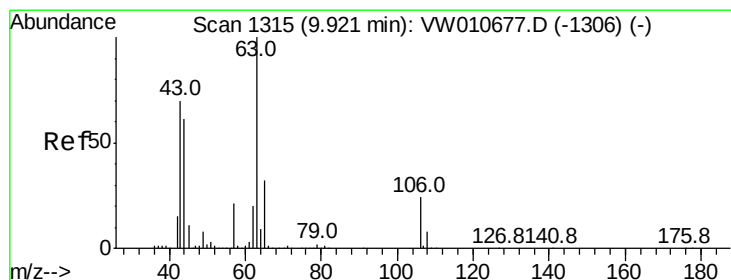
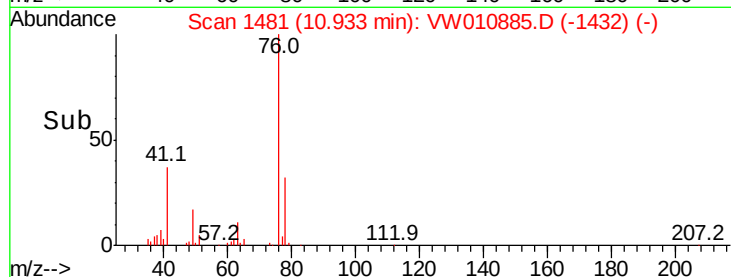
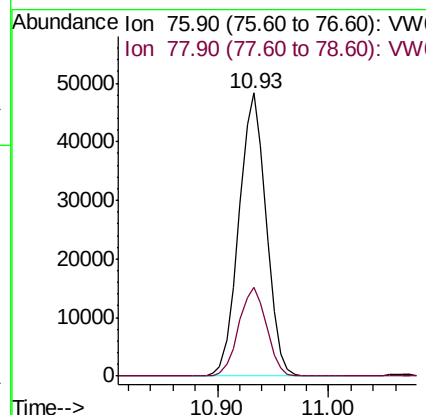
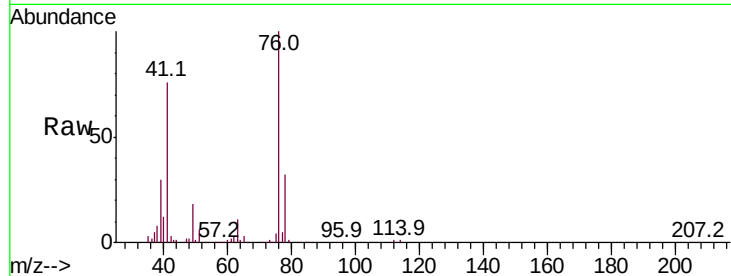
76 100

78 31.9 25.7 38.5

Manual Integrations
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MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 102.832 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW010885.D

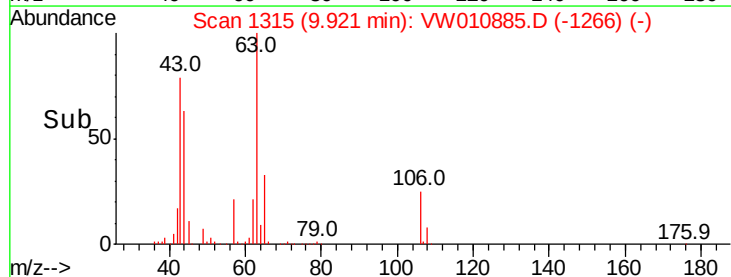
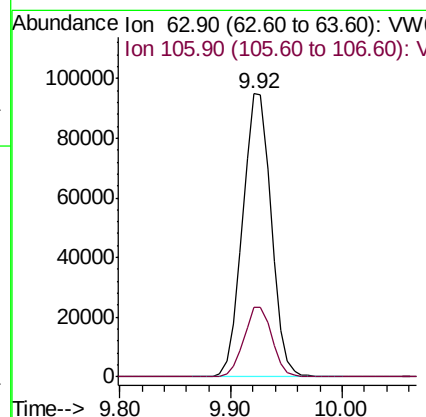
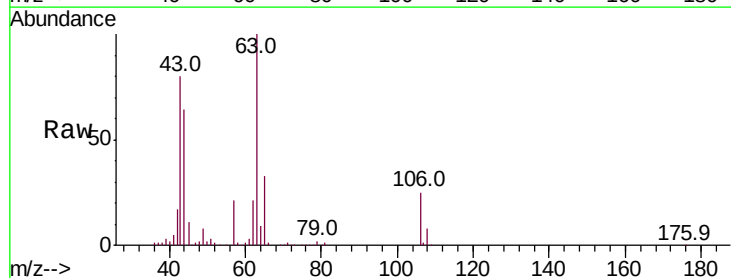
Acq: 20 Jun 2019 12:00

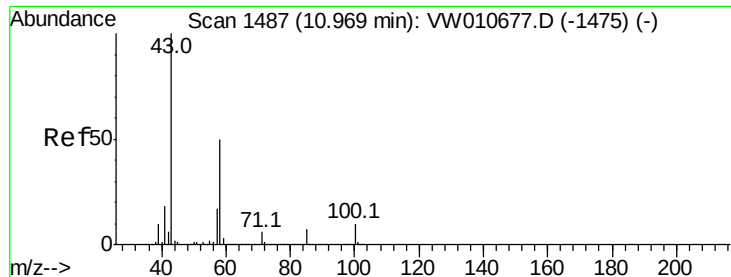
Tgt Ion: 63 Resp: 169104

Ion Ratio Lower Upper

63 100

106 24.4 20.1 30.1





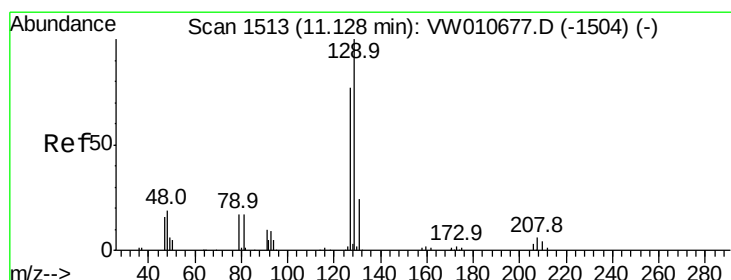
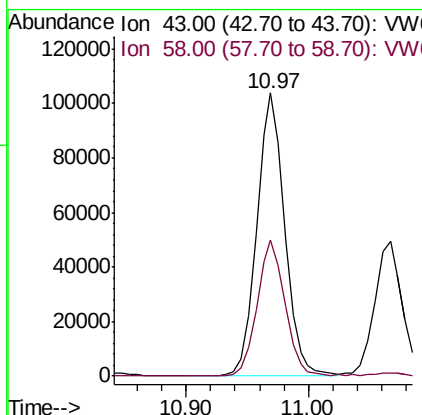
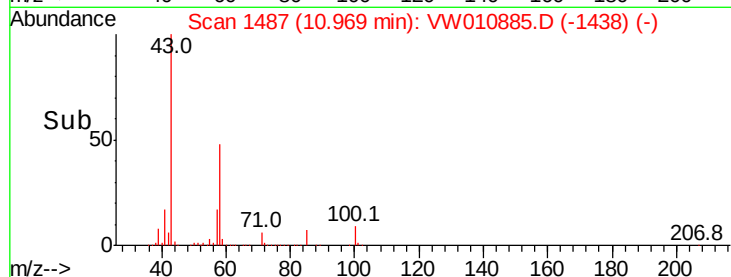
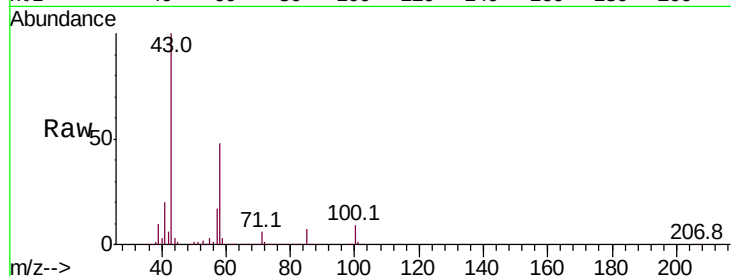
#59
2-Hexanone
Concen: 98.643 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.4	24.9	74.6

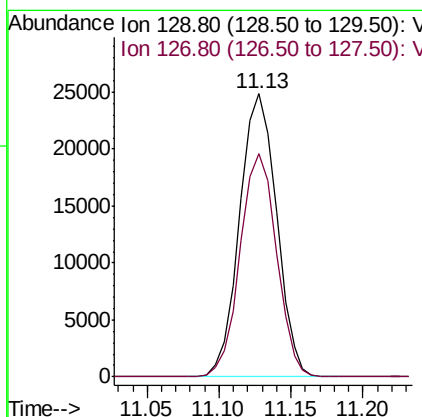
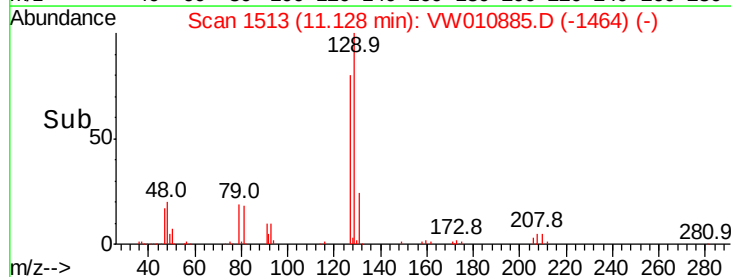
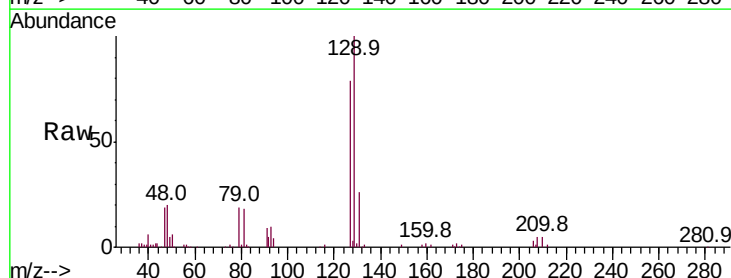
Manual Integrations
APPROVED

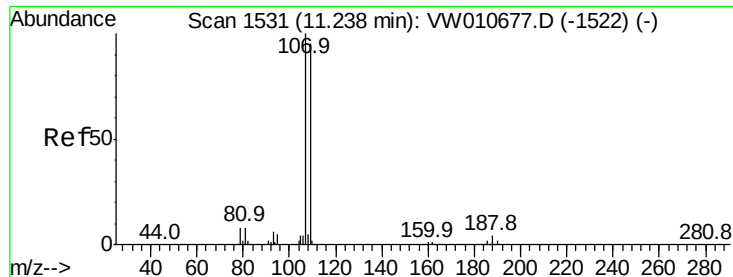
MMDadoda
6/21/2019 3:20:46 PM



#60
Dibromochloromethane
Concen: 19.655 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.6	116.0





#61

1,2-Dibromoethane

Concen: 20.450 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 107 Resp: 39535

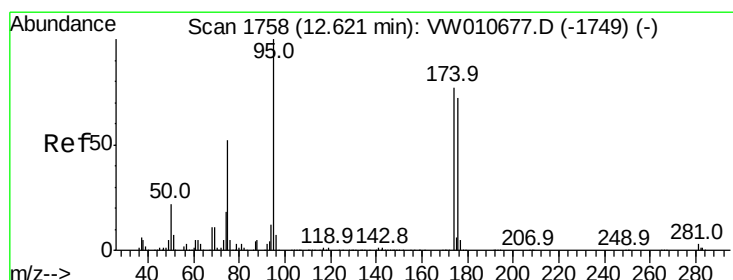
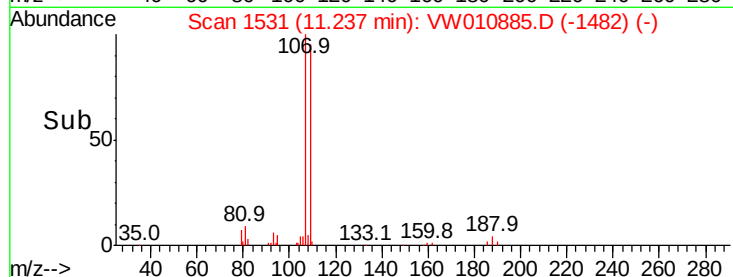
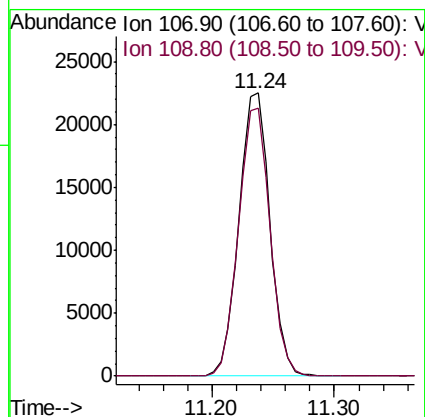
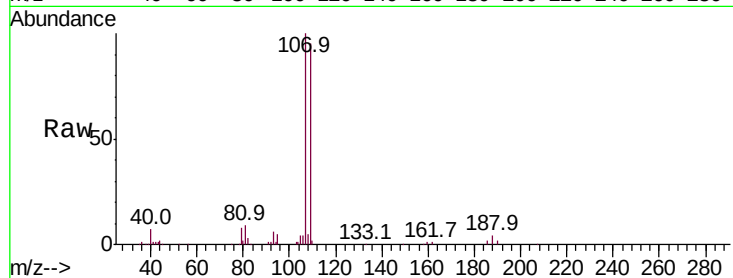
Ion Ratio Lower Upper

107 100

109 95.8 75.8 113.8

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.324 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

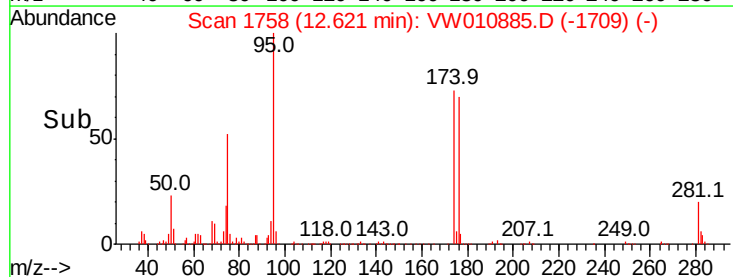
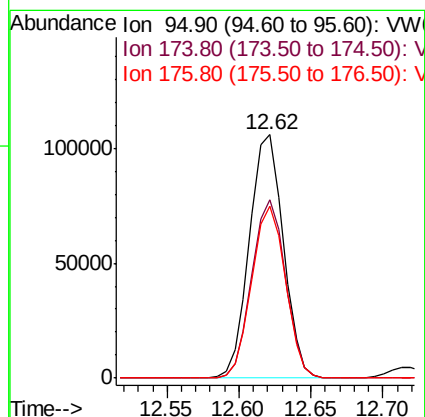
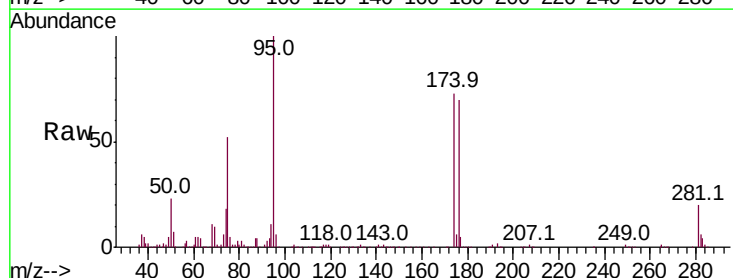
Tgt Ion: 95 Resp: 172653

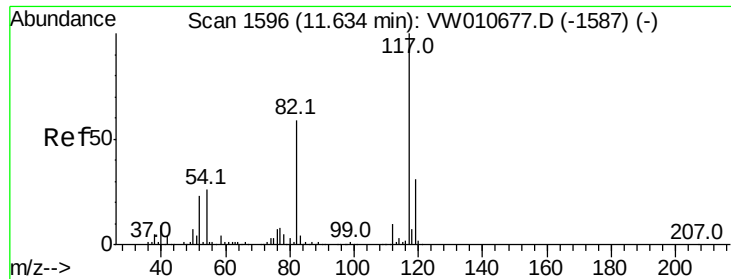
Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.4

176 70.3 0.0 144.8





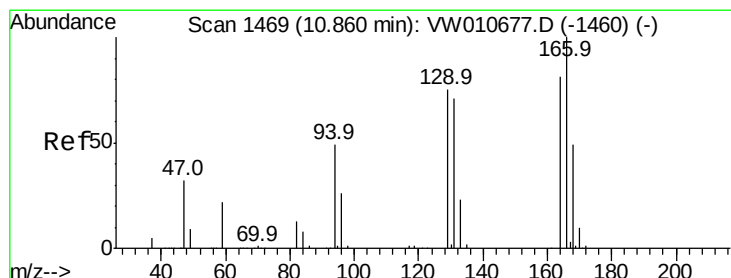
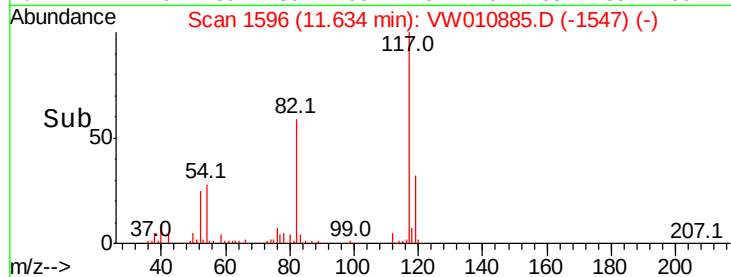
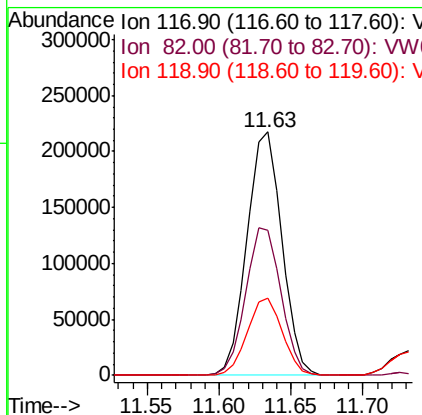
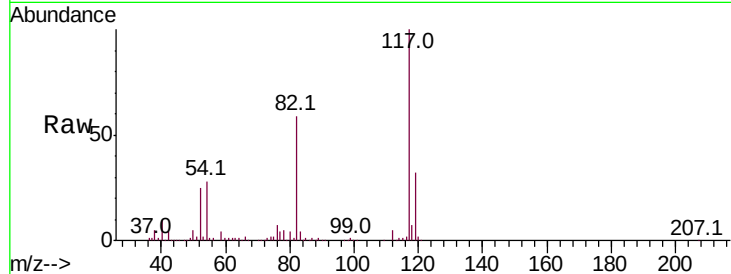
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	59.5	47.0	70.4	
119	31.7	25.1	37.7	

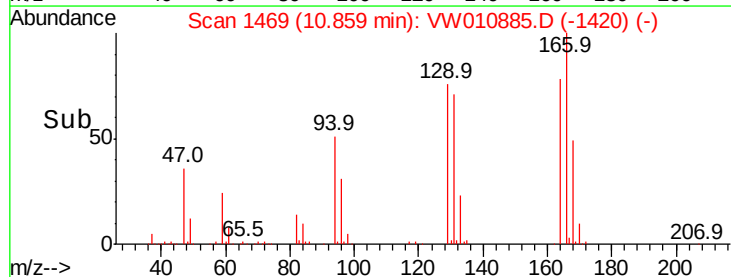
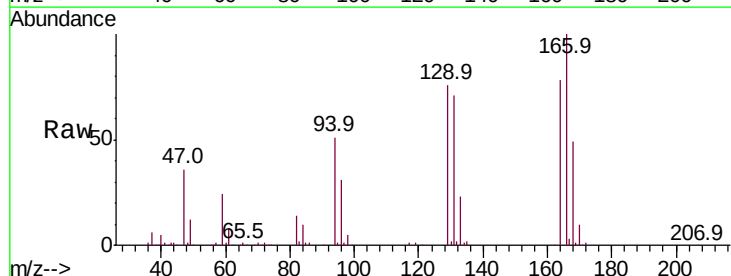
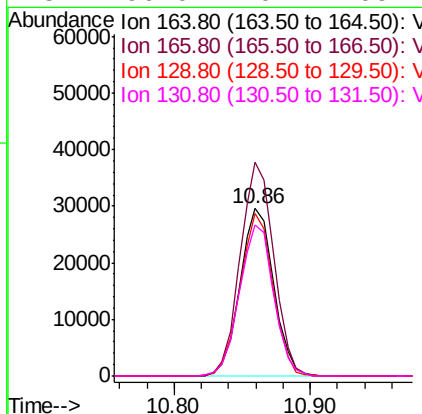
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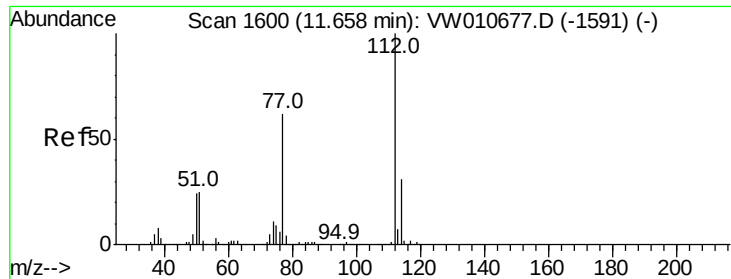
MMDadoda
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#64
Tetrachloroethene
Concen: 21.148 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.4	99.2	148.8	
129	97.0	74.6	112.0	
131	90.0	70.2	105.4	





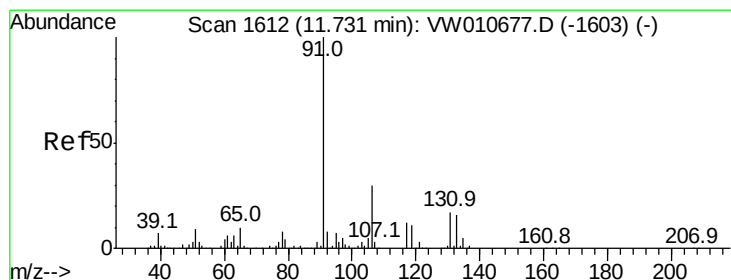
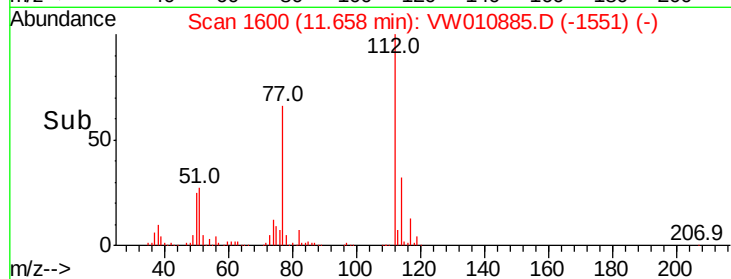
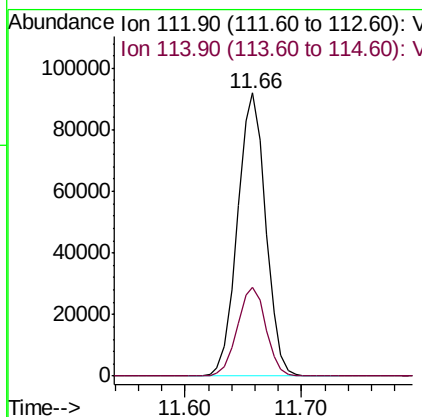
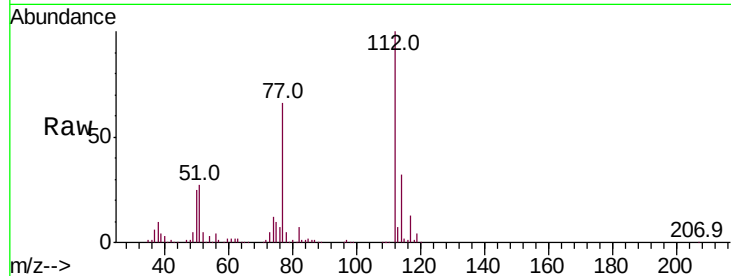
#65
Chlorobenzene
Concen: 21.651 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	24.8	37.2

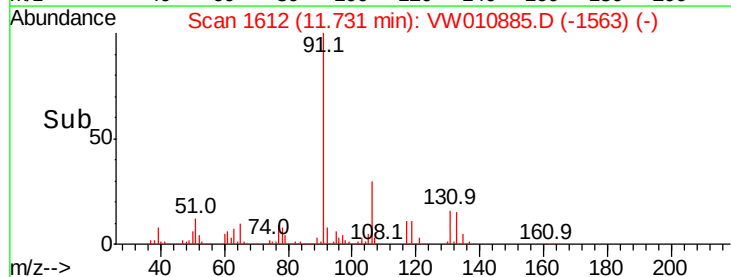
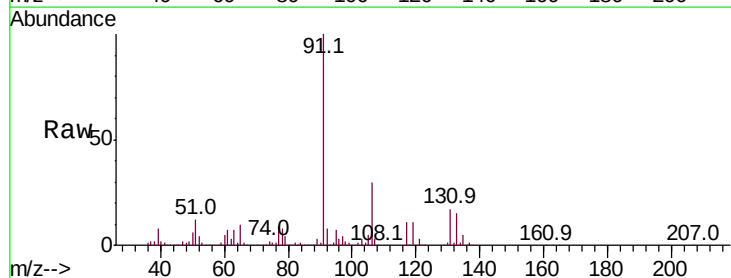
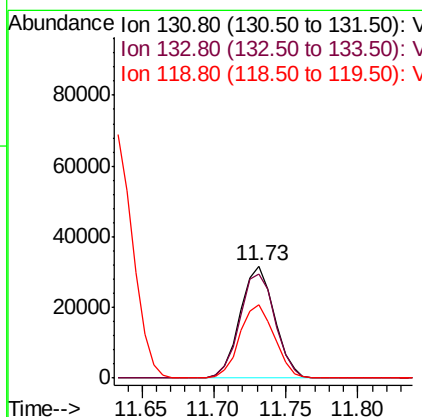
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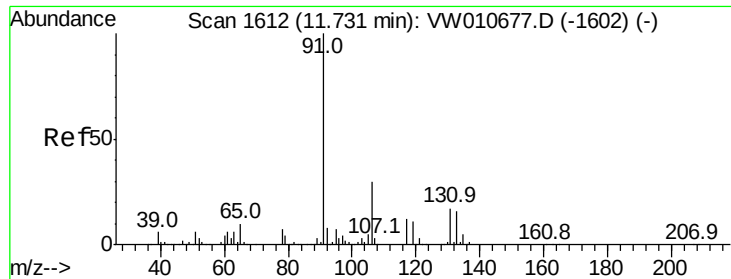
MMDadoda
6/21/2019 3:20:46 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.169 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	141.9
119	65.9	32.4	97.0





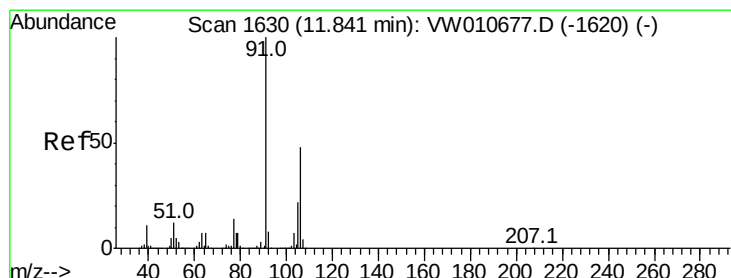
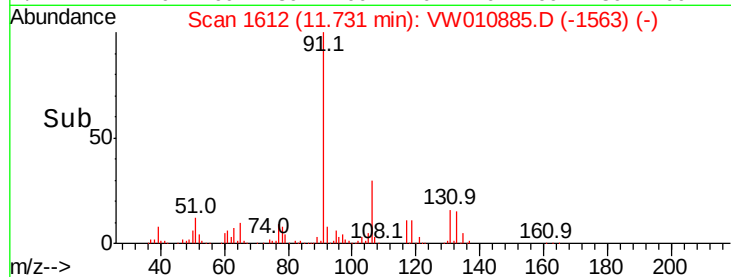
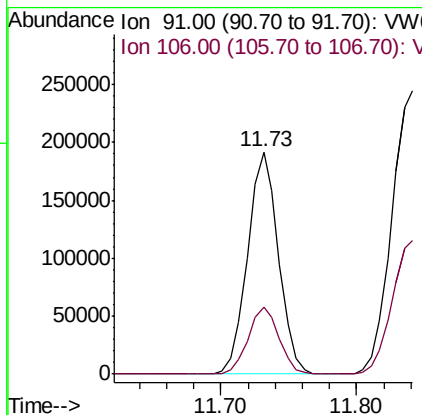
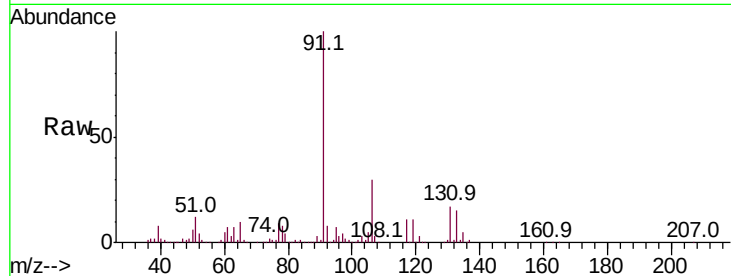
#67
Ethyl Benzene
Concen: 22.056 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion: 91 Resp: 303717
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4

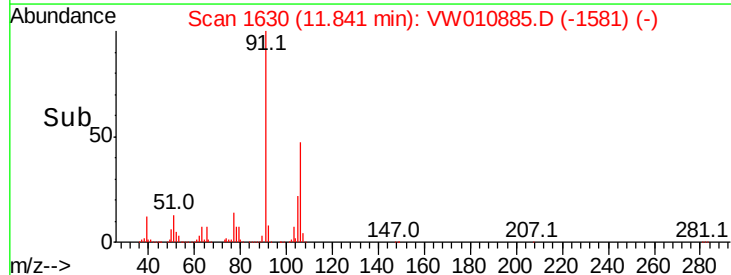
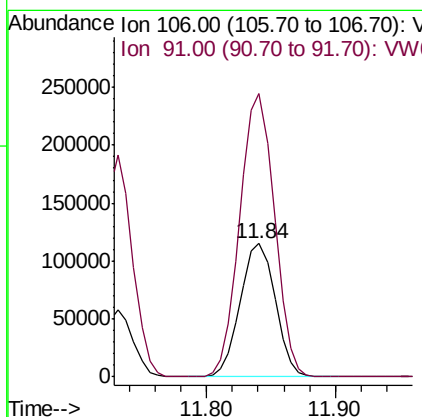
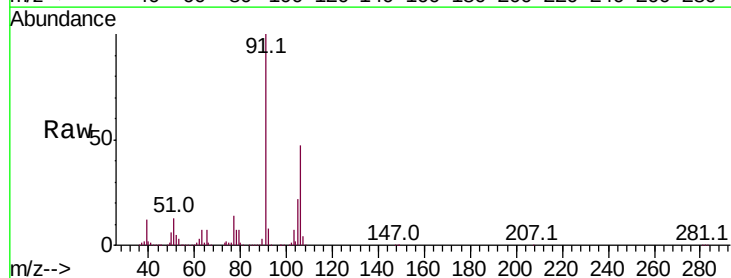
Manual Integrations
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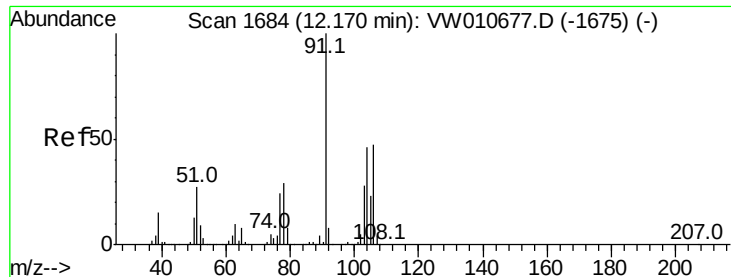
MMDadoda
6/21/2019 3:20:46 PM



#68
m/p-Xylenes
Concen: 44.319 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion: 106 Resp: 218463
Ion Ratio Lower Upper
106 100
91 208.9 166.5 249.7





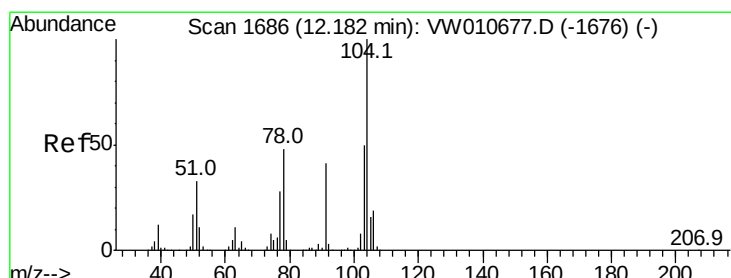
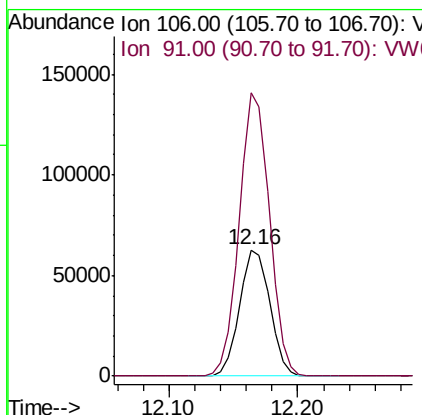
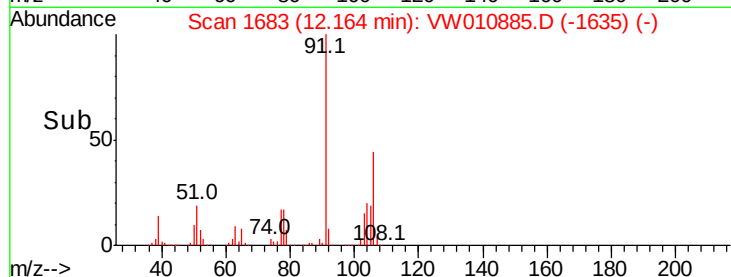
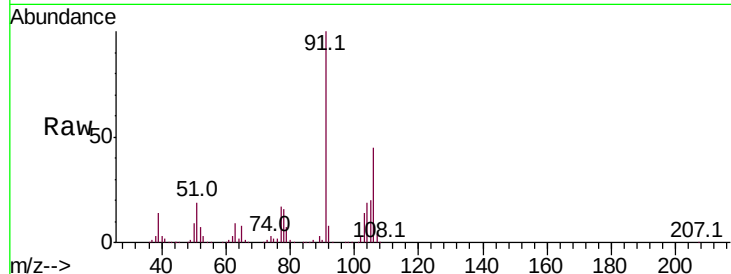
#69
o-Xylene
Concen: 21.836 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	102085		
91	223.8	108.9	326.6	

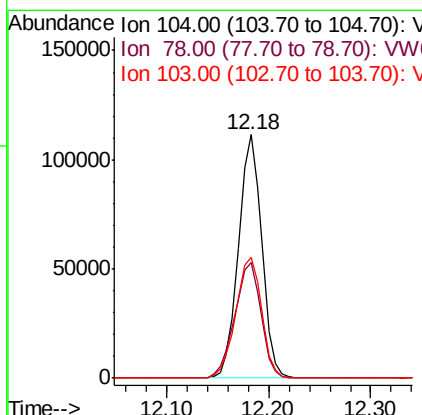
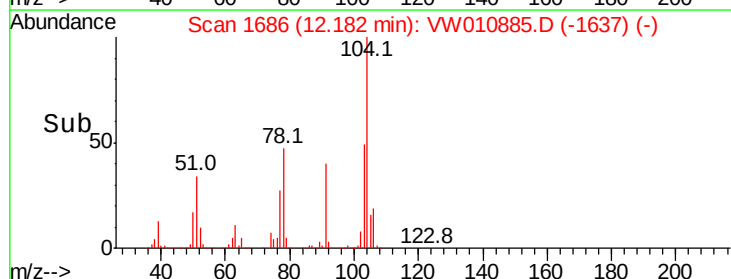
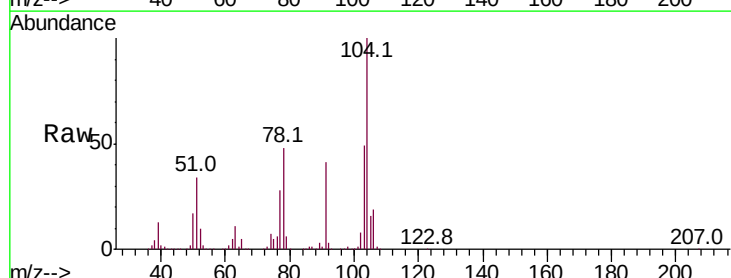
Manual Integrations
APPROVED

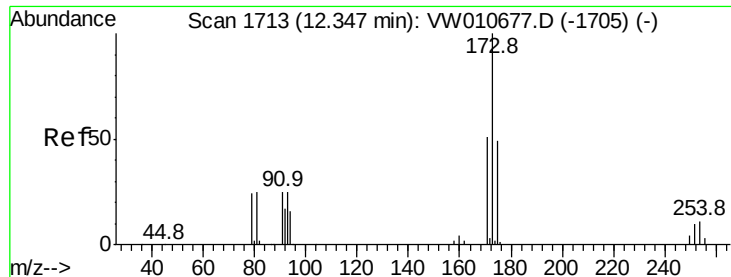
MMDadoda
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#70
Styrene
Concen: 21.570 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	175175		
78	53.3	42.7	64.1	
103	55.1	43.6	65.4	





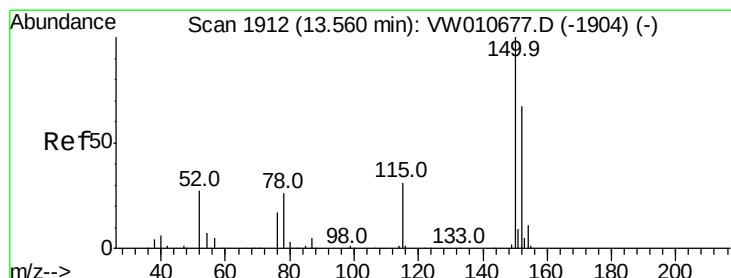
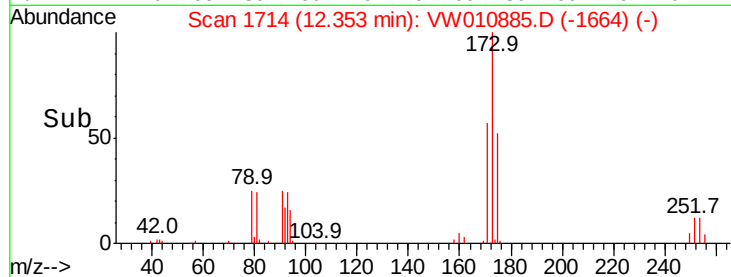
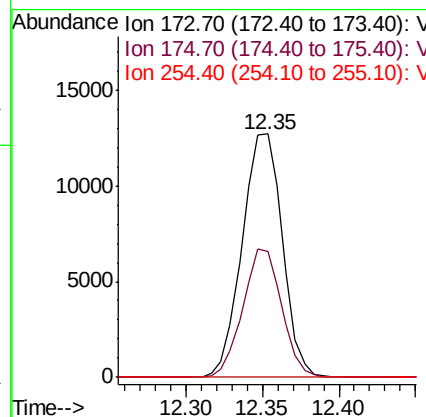
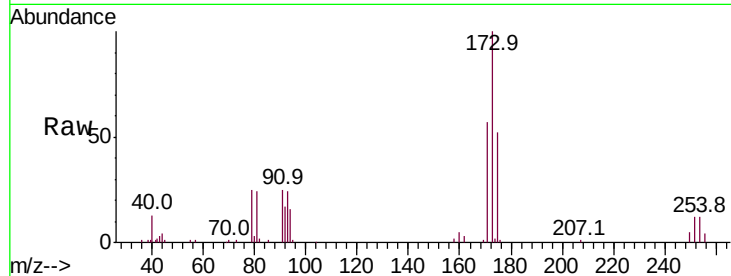
#71
Bromoform
Concen: 18.096 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.3	72.8
254	0.0	0.1	0.1#

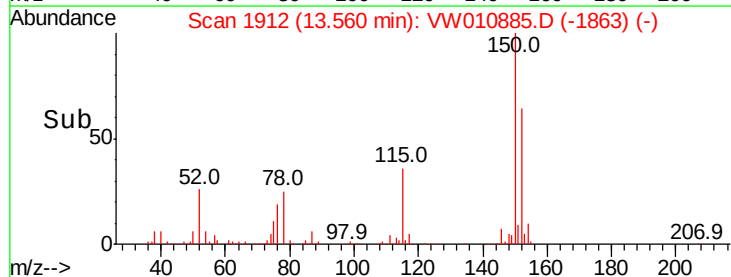
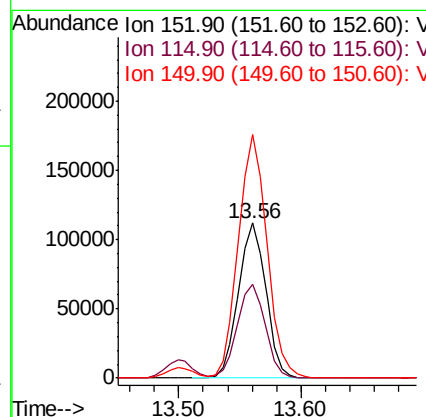
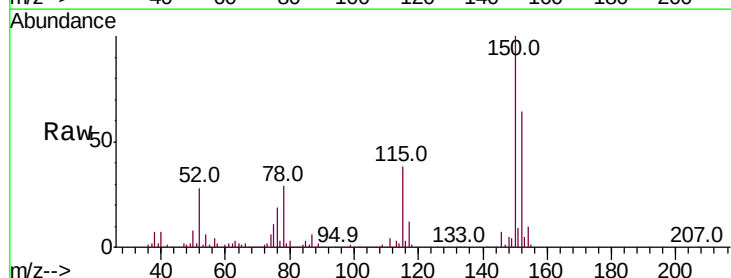
Manual Integrations
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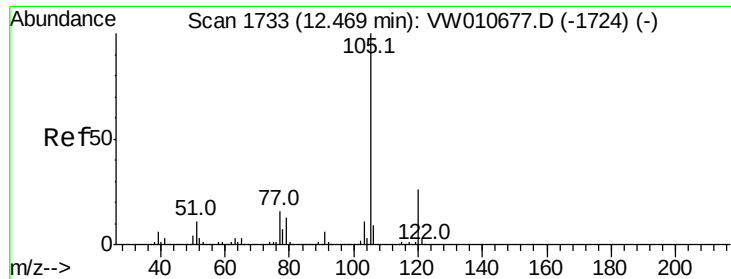
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.8	89.3
150	164.1	0.0	345.0





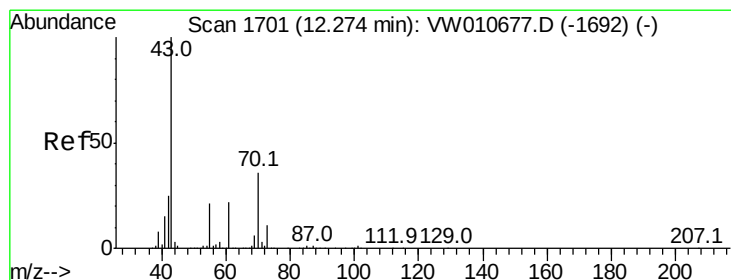
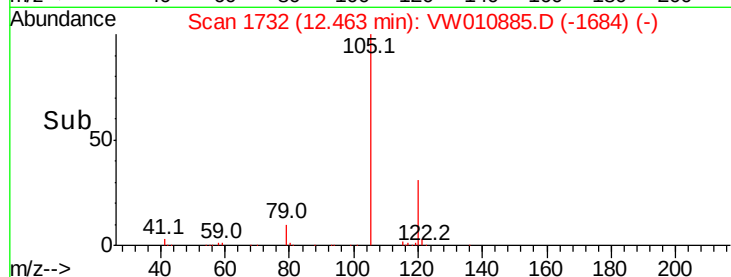
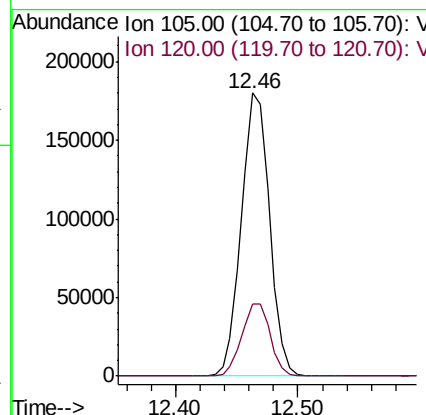
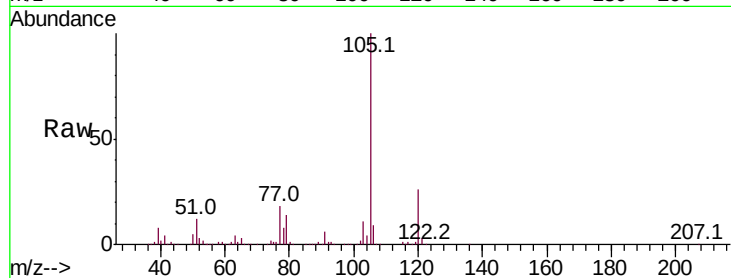
#73
Isopropylbenzene
Concen: 22.032 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.1

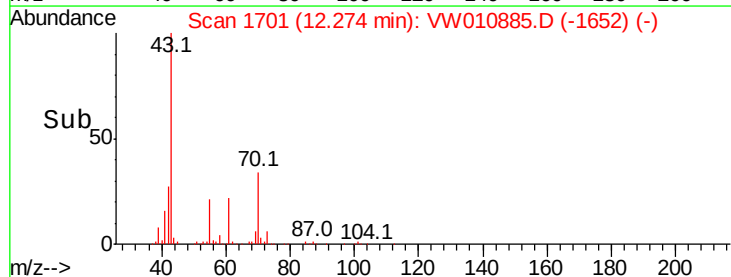
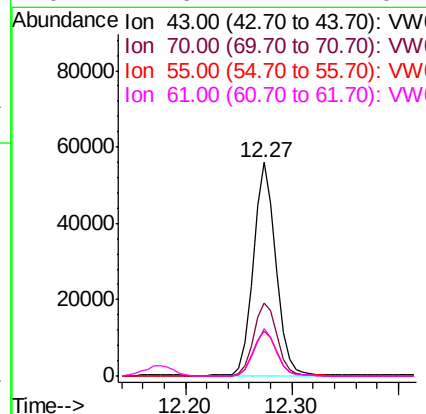
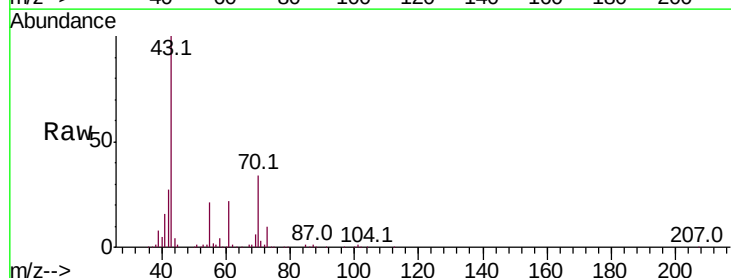
Manual Integrations
APPROVED

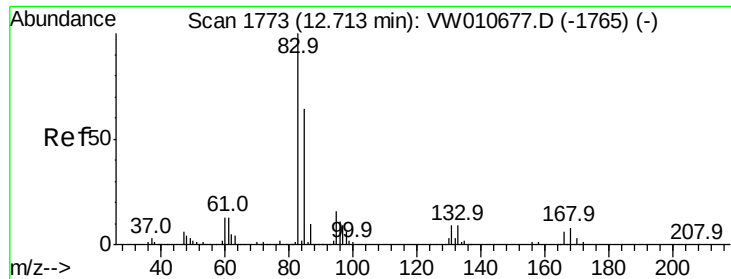
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6/21/2019 3:20:46 PM



#74
N-ethyl acetate
Concen: 19.822 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.7	29.2	43.8
55	22.4	17.5	26.3
61	21.6	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.107 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

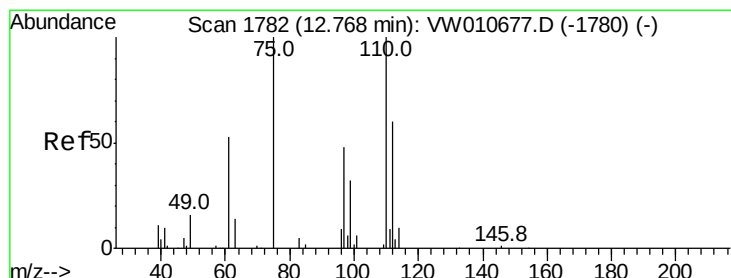
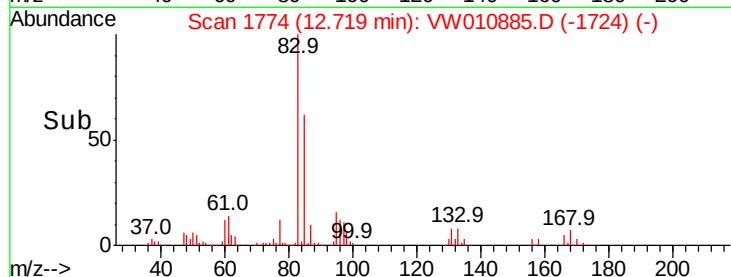
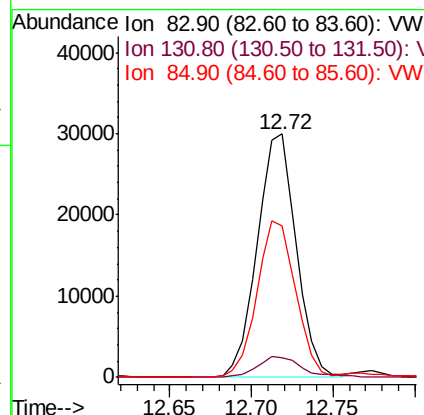
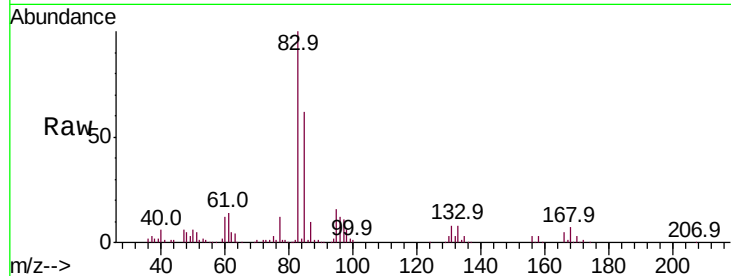
ClientSampleId :

VW0620SBS01

Tot Ion:	83	Resp:	49881
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.9	14.7
85	63.9	31.9	95.9

Manual Integrations
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6/21/2019 3:20:46 PM



#76

1,2,3-Trichloropropane

Concen: 20.214 ug/l m

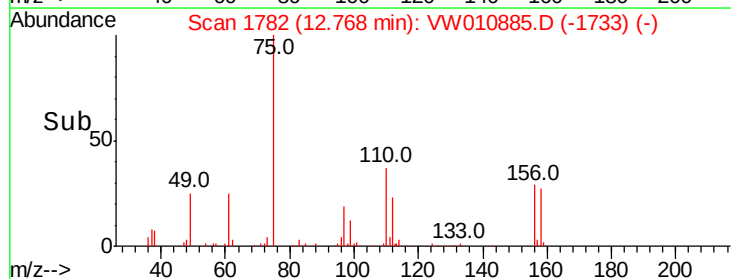
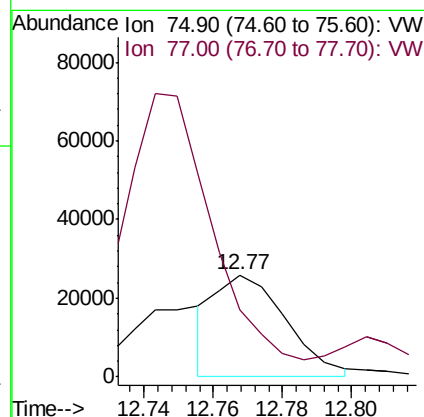
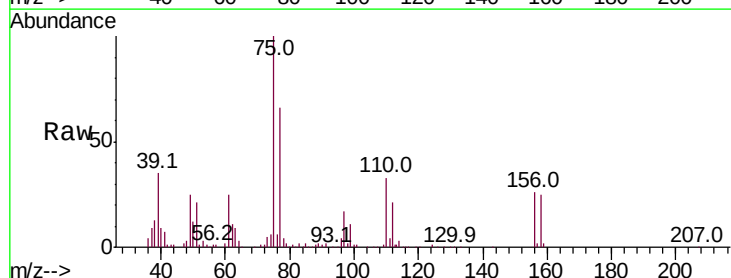
RT: 12.77 min Scan# 1782

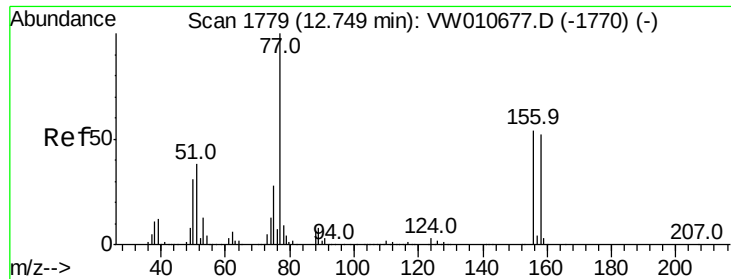
Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion:	75	Resp:	36811
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





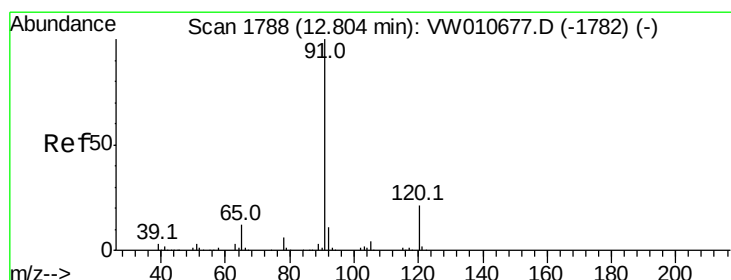
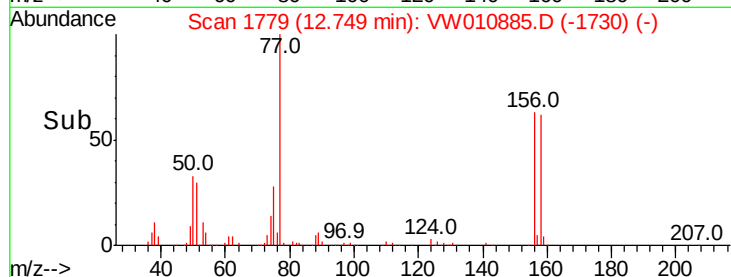
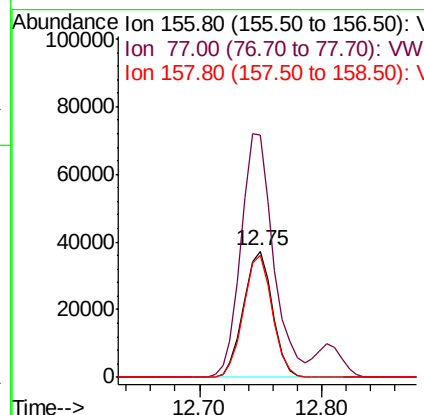
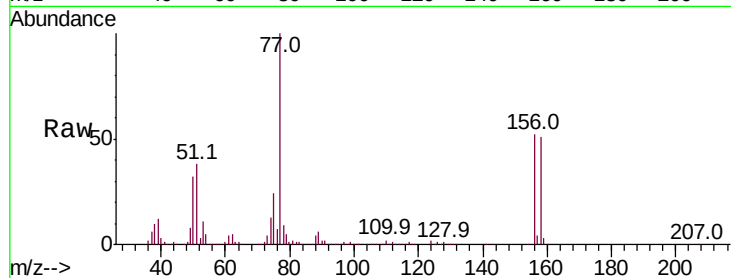
#77
Bromobenzene
Concen: 21.442 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	217.0	106.5	319.4
158	96.5	48.3	144.9

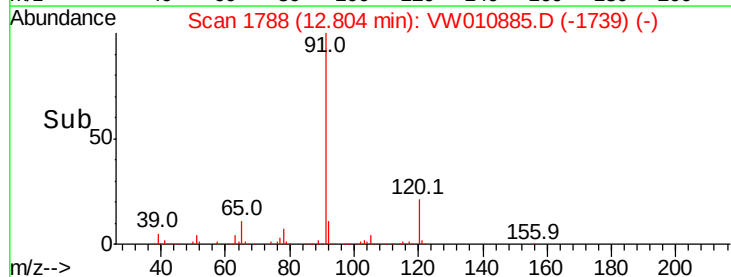
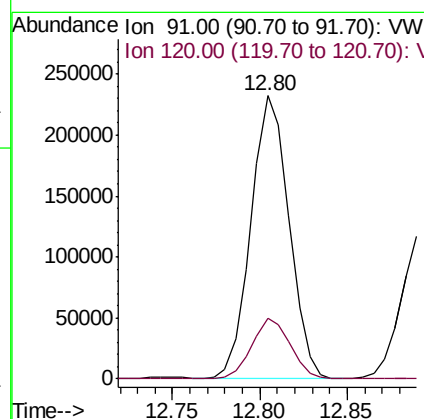
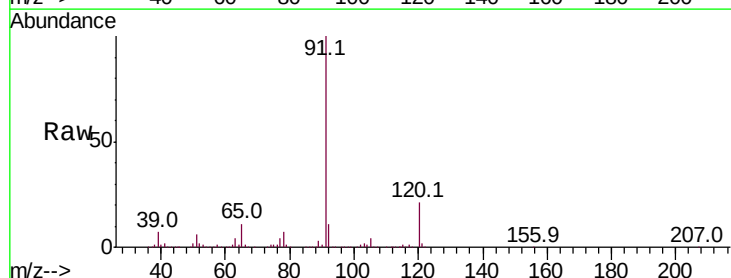
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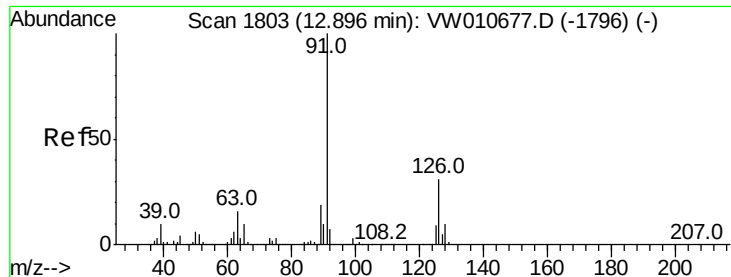
MMDadoda
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#78
n-propylbenzene
Concen: 22.378 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.4





#79

2-Chlorotoluene

Concen: 22.167 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0620SBS01

Tot Ion: 91 Resp: 198991

Ion Ratio Lower Upper

91 100

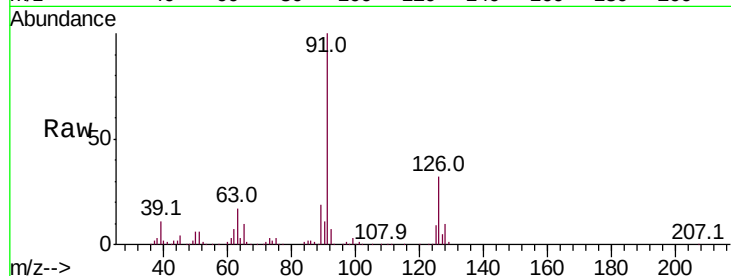
126 31.4 15.7 47.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

200000

150000

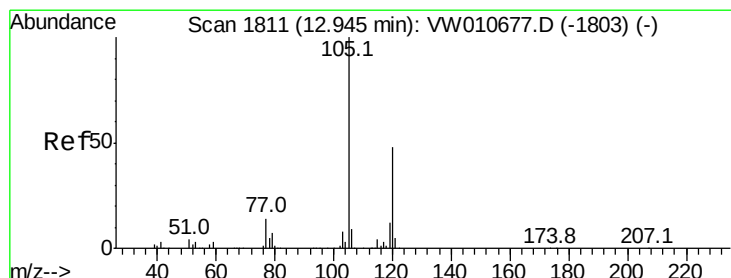
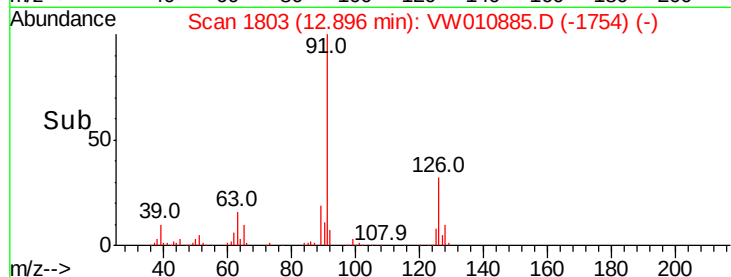
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.082 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010885.D

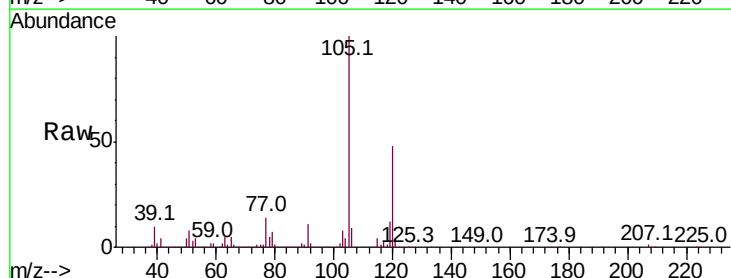
Acq: 20 Jun 2019 12:00

Tgt Ion:105 Resp: 235527

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

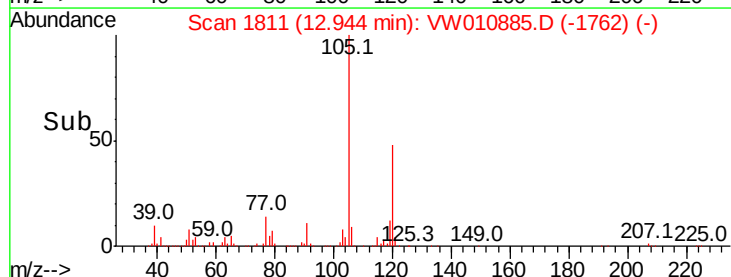
100000

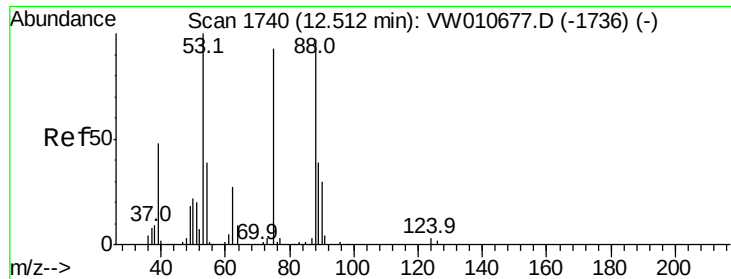
50000

0

12.90 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.918 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

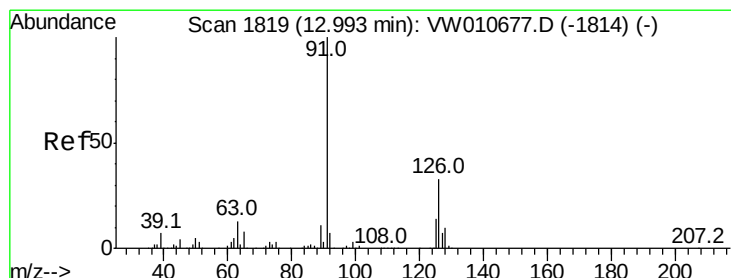
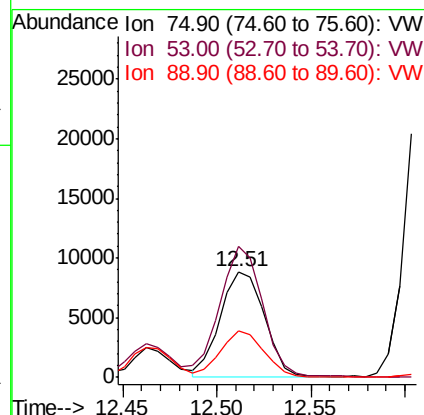
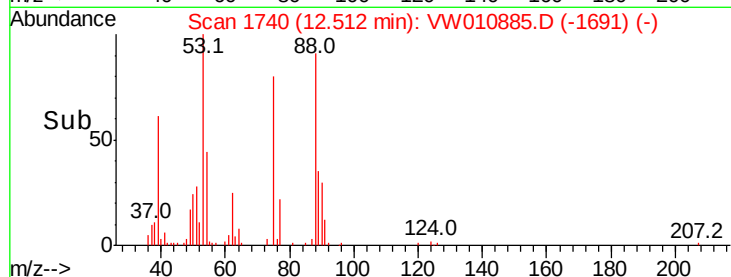
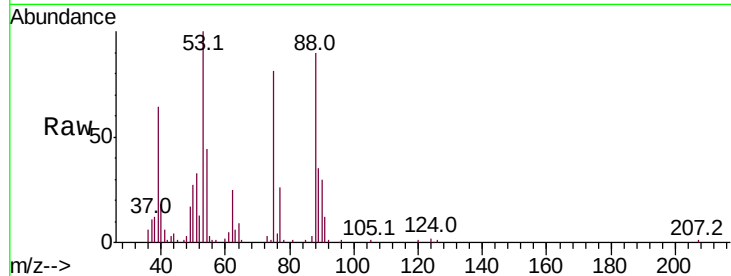
ClientSampleId :

VW0620SBS01

Tot Ion:	75	Resp:	14197
Ion	Ratio	Lower	Upper
75	100		
53	122.9	90.1	135.1
89	44.2	34.6	52.0

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#82

4-Chlorotoluene

Concen: 22.228 ug/l

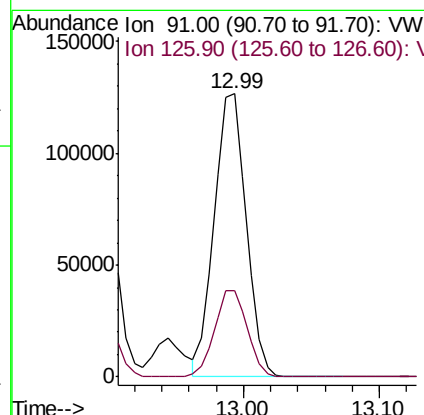
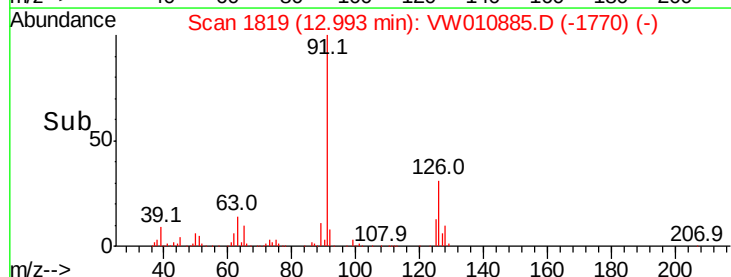
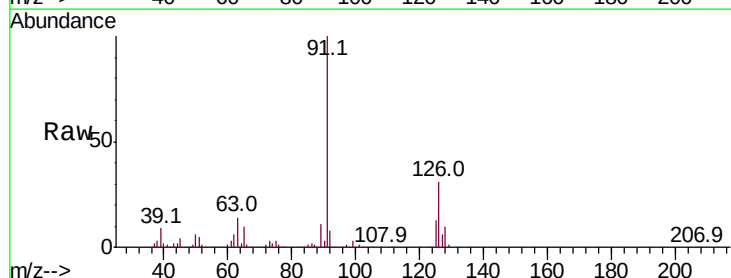
RT: 12.99 min Scan# 1819

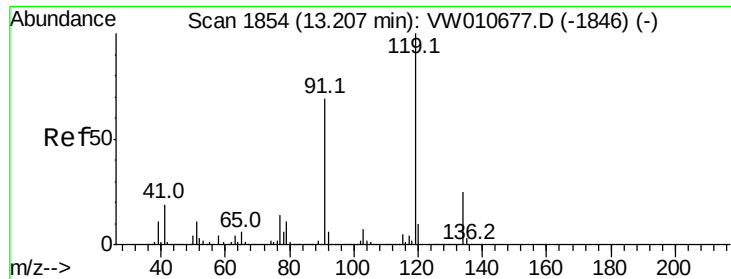
Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion:	91	Resp:	205923
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.9	47.7





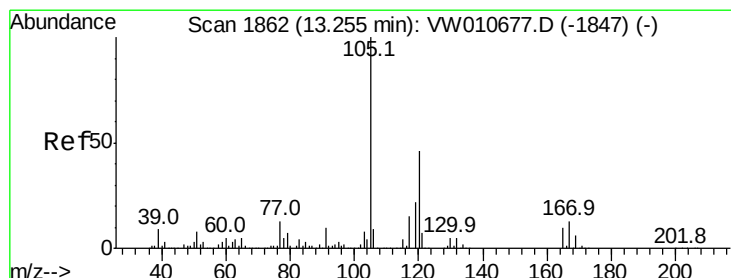
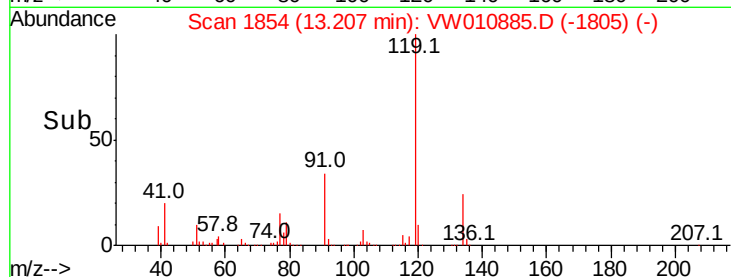
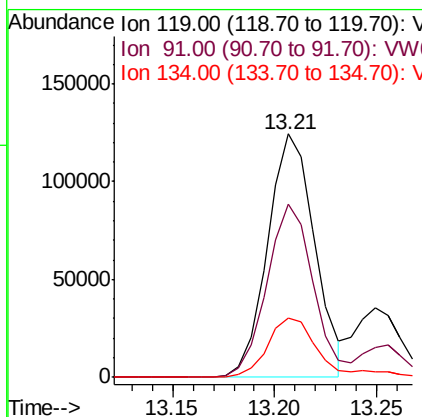
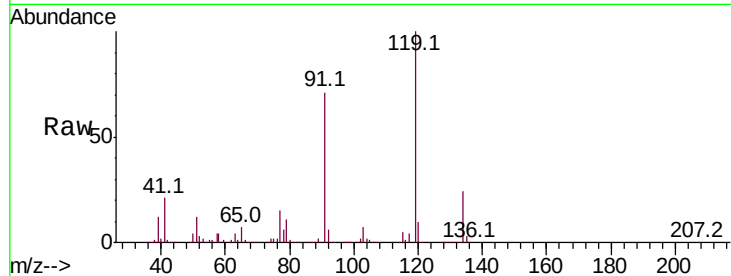
#83
tert-Butylbenzene
Concen: 22.146 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200468		
91	70.5		35.1	105.3
134	26.8		13.6	40.7

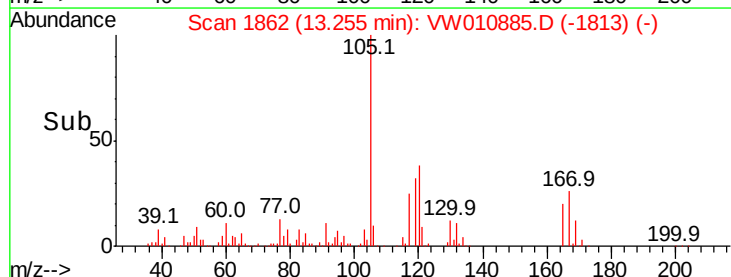
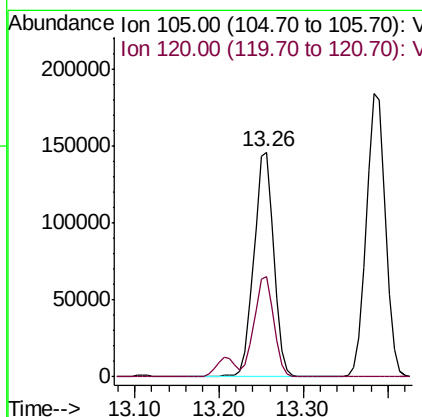
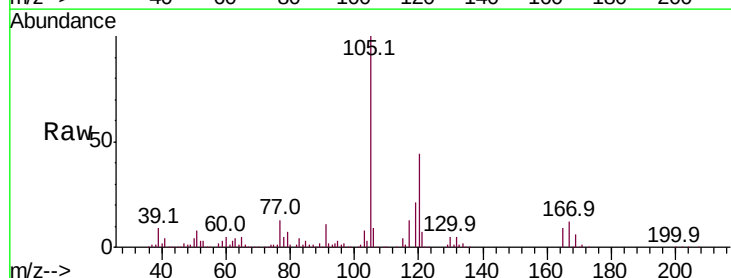
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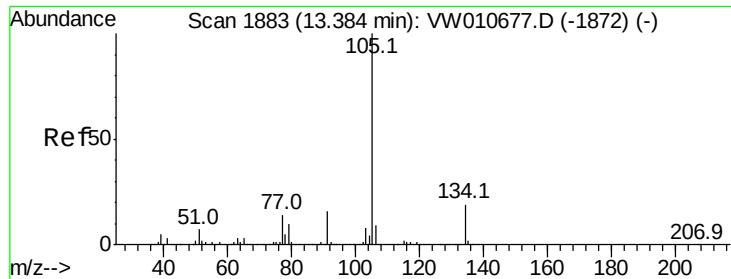
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#84
1,2,4-Trimethylbenzene
Concen: 21.752 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233474		
120	44.0		22.5	67.5





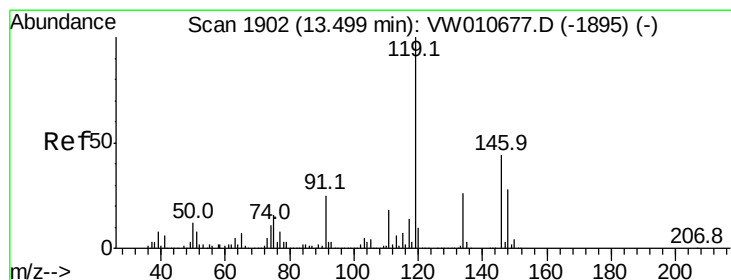
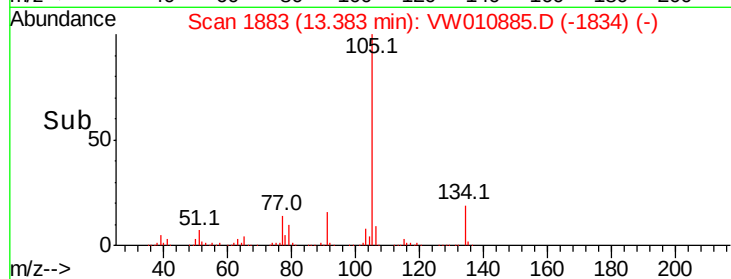
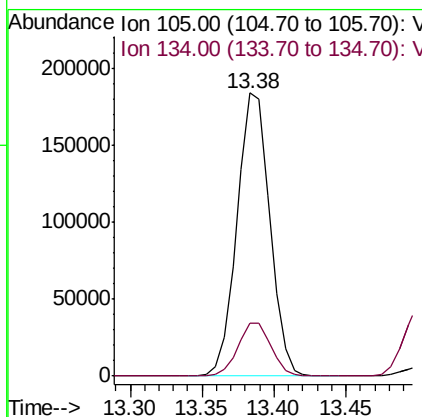
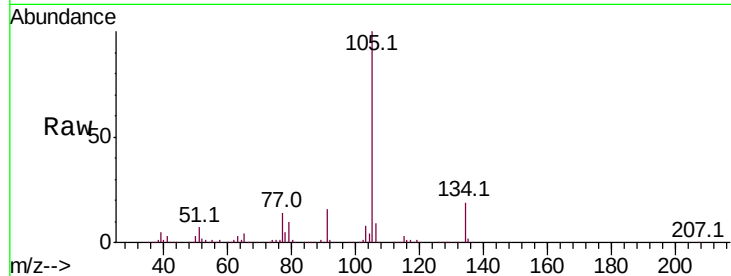
#85
 sec-Butylbenzene
 Concen: 22.066 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	290817		
134	19.1	9.7	28.9	

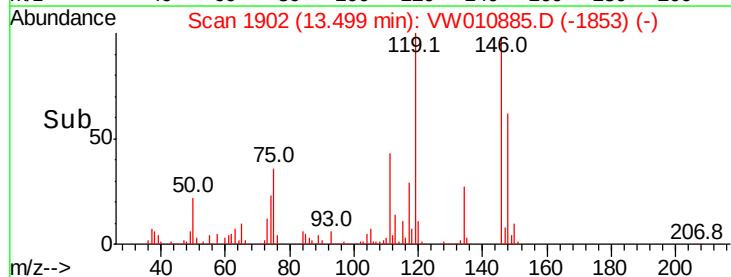
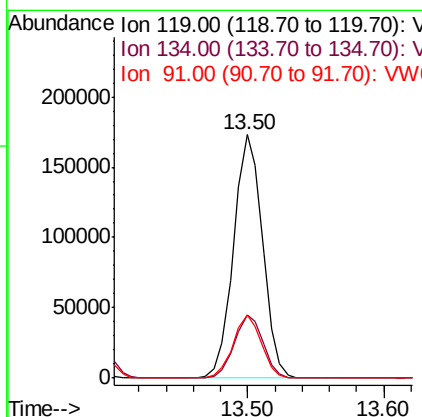
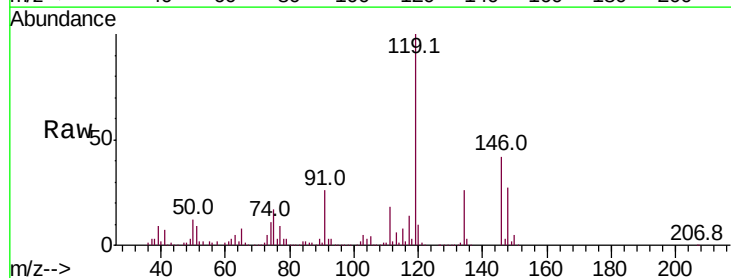
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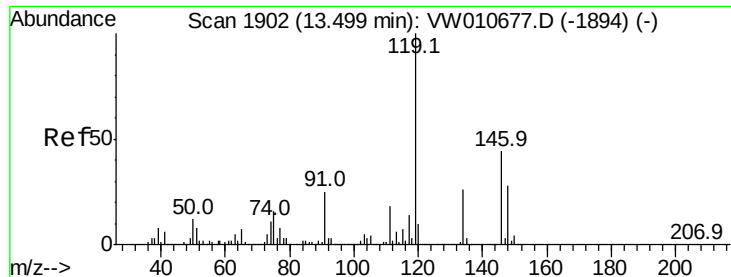
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#86
 p-Isopropyltoluene
 Concen: 21.709 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	255856		
134	25.7	13.0	39.0	
91	25.1	12.2	36.4	





#87

1,3-Dichlorobenzene

Concen: 21.870 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

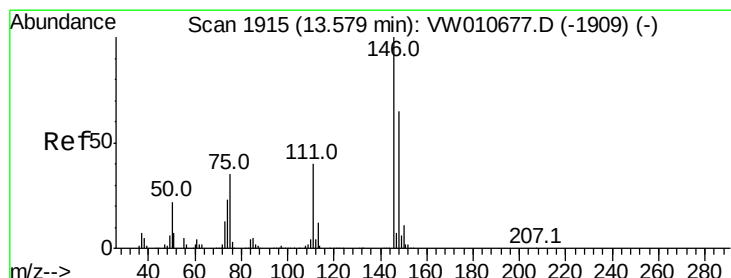
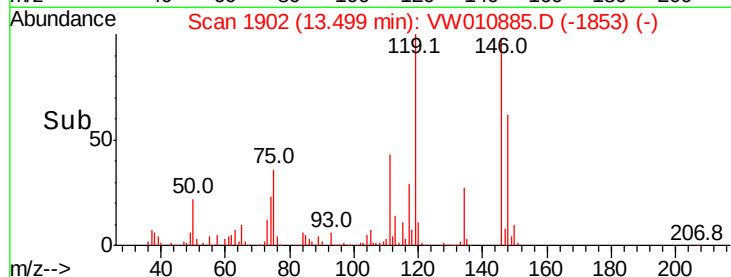
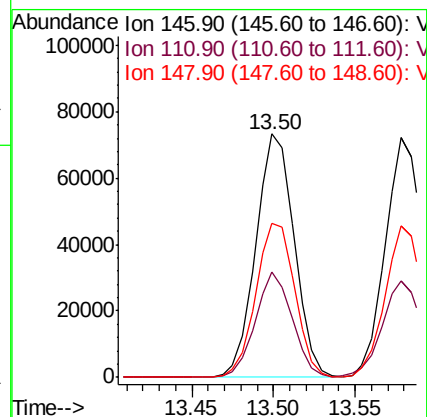
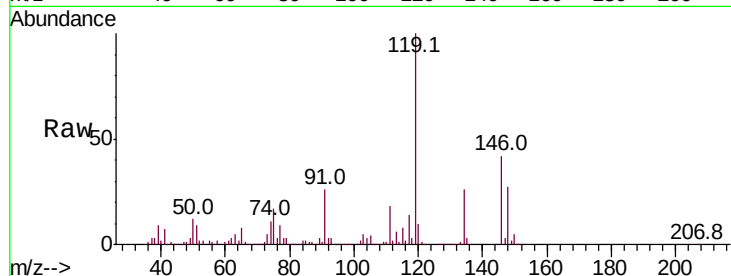
ClientSampleId :

VW0620SBS01

Tot Ion:	146	Resp:	119966
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.4	61.3
148	64.2	31.5	94.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.543 ug/l

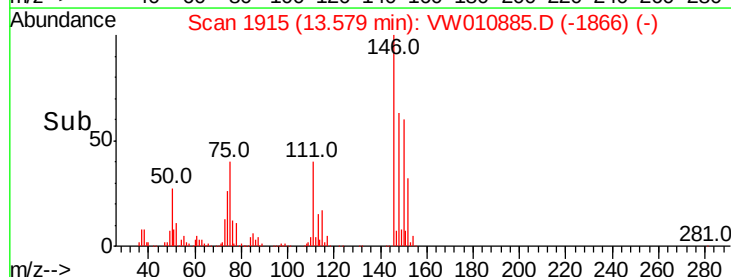
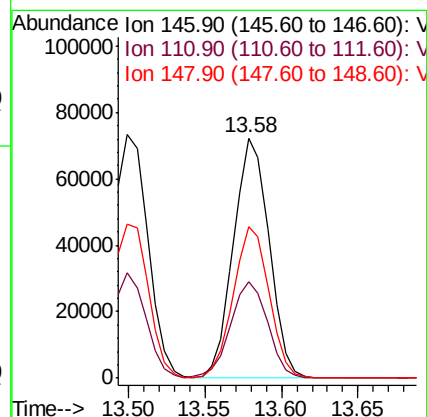
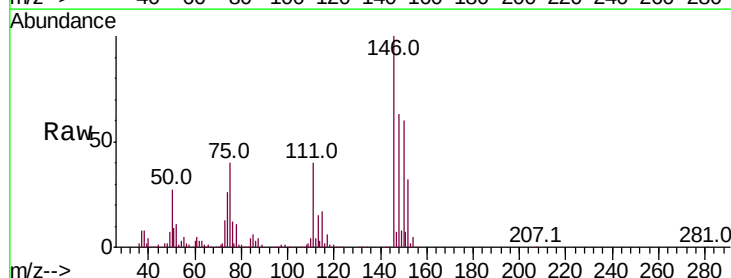
RT: 13.58 min Scan# 1915

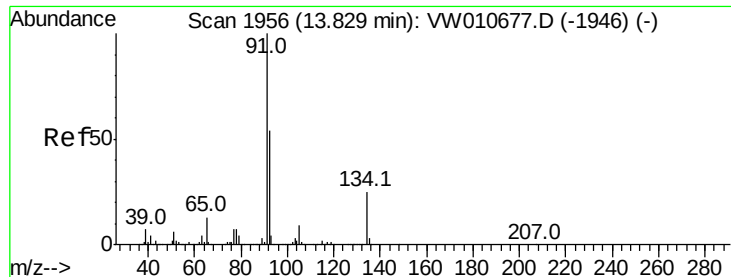
Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion:	146	Resp:	117156
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.3	60.9
148	63.0	32.4	97.2





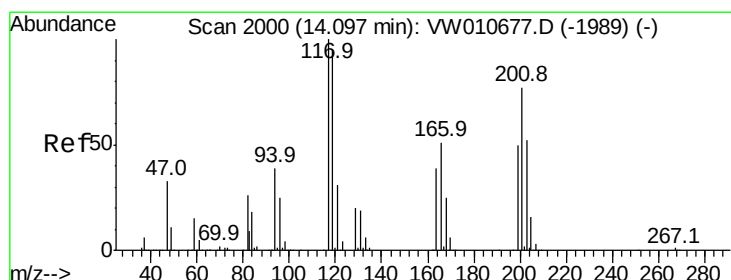
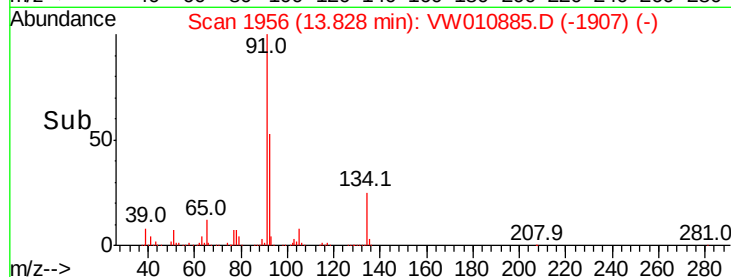
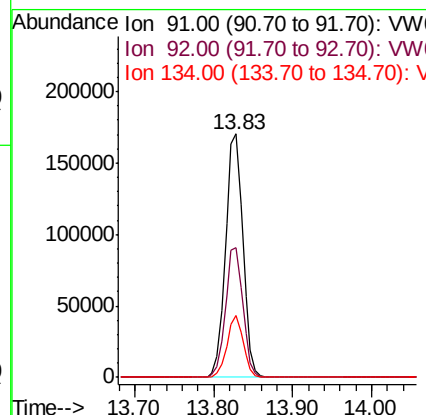
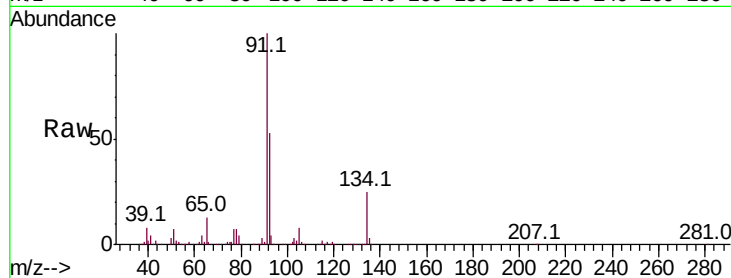
#89
n-Butylbenzene
Concen: 22.114 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.3	81.8
134	23.8	12.3	36.9

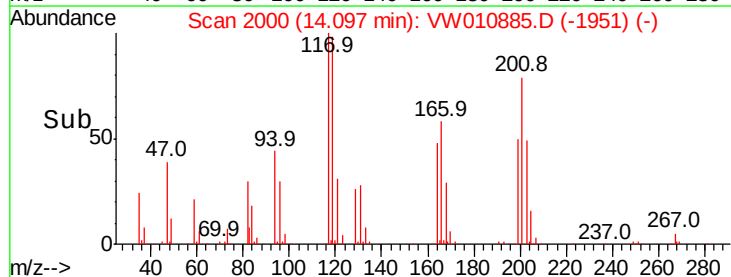
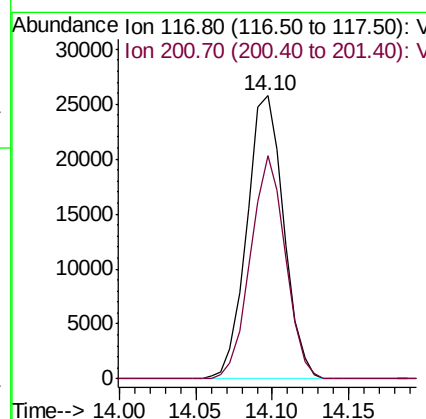
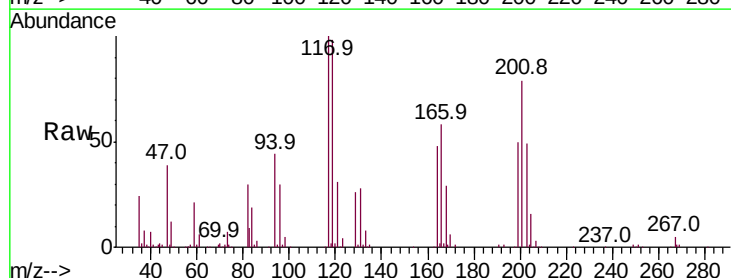
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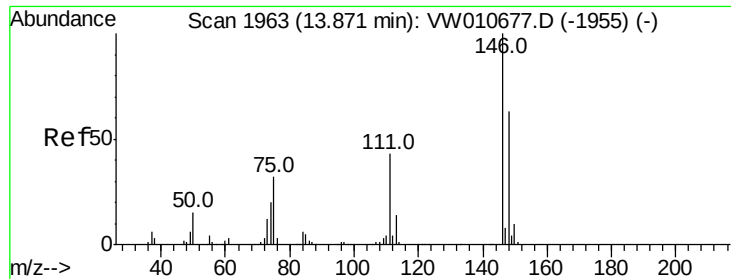
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#90
Hexachloroethane
Concen: 20.479 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.9	38.8	116.4





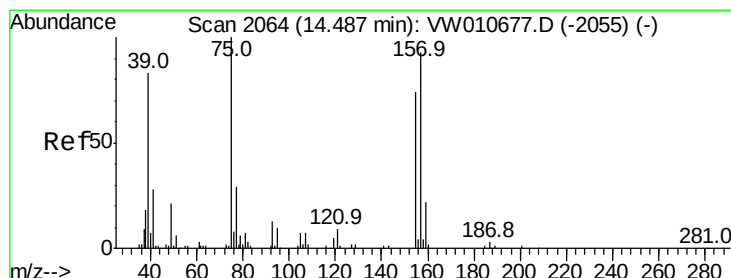
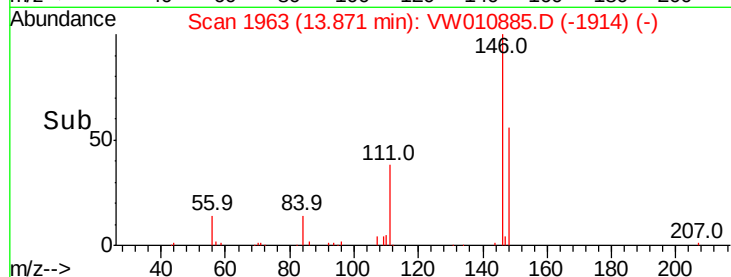
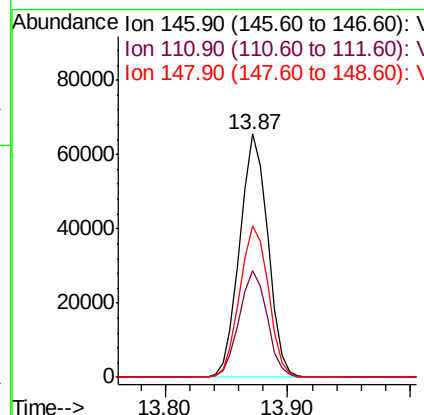
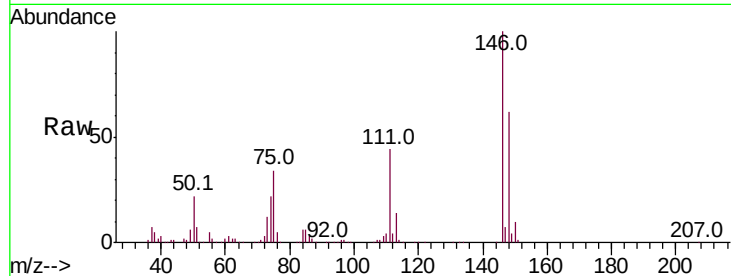
#91
 1,2-Dichlorobenzene
 Concen: 21.132 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0620SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.5	64.5
148	63.8	31.9	95.5

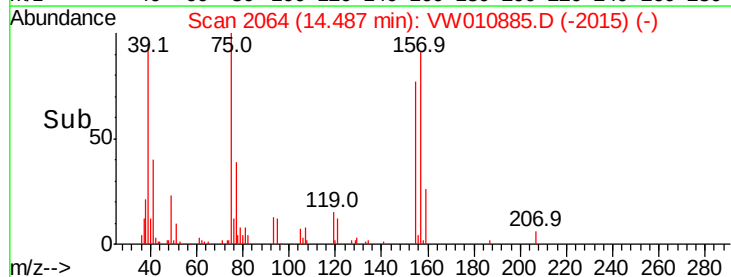
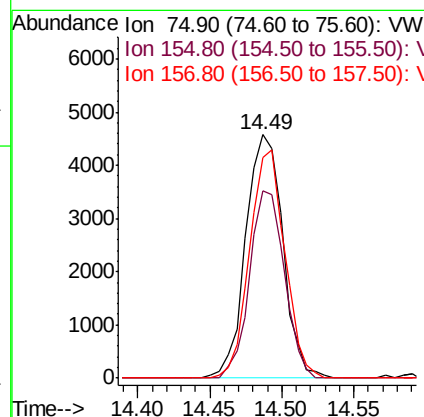
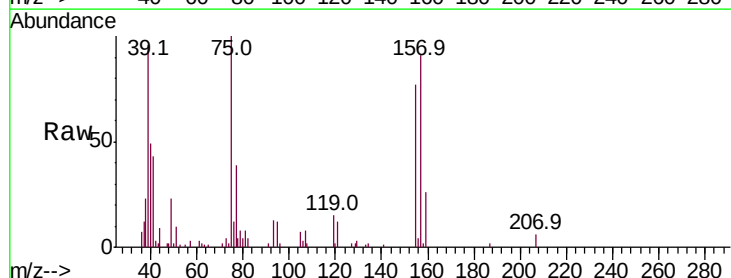
Manual Integrations
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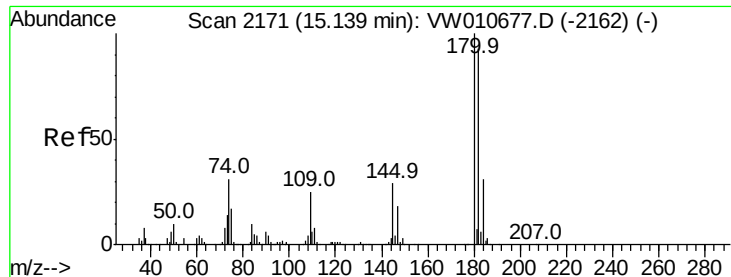
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.129 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010885.D
 Acq: 20 Jun 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.8	38.8	116.4
157	88.5	48.4	145.0





#93

1,2,4-Trichlorobenzene

Concen: 20.933 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Instrument :

MSVOA_W

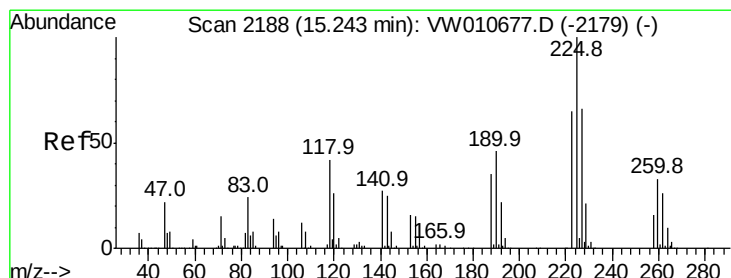
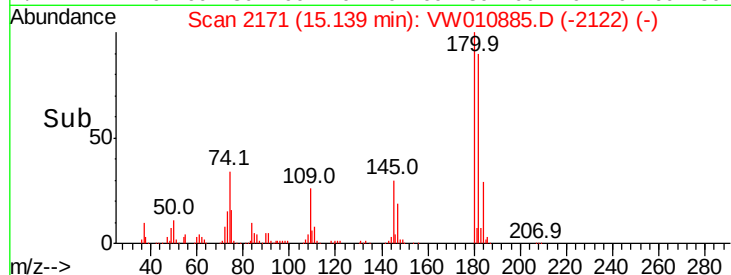
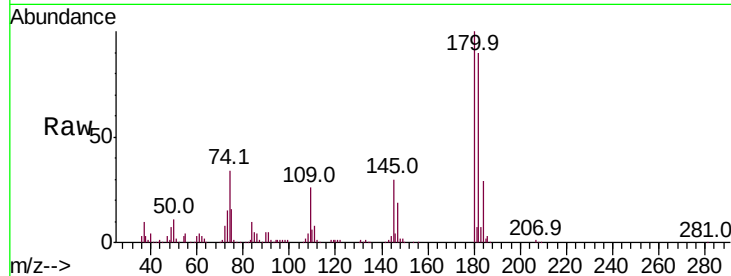
ClientSampleId :

VW0620SBS01

Tot Ion:	180	Resp:	72466
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.1	141.4
145	30.9	15.2	45.5

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#94

Hexachlorobutadiene

Concen: 20.954 ug/l

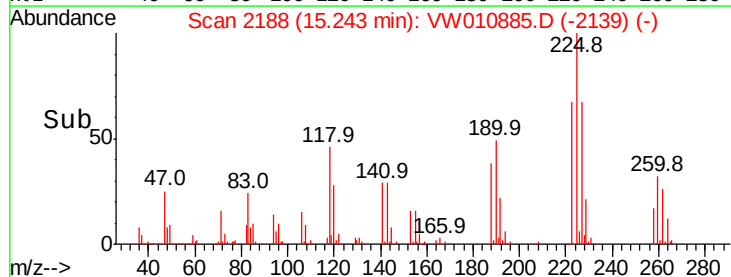
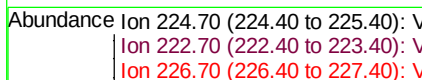
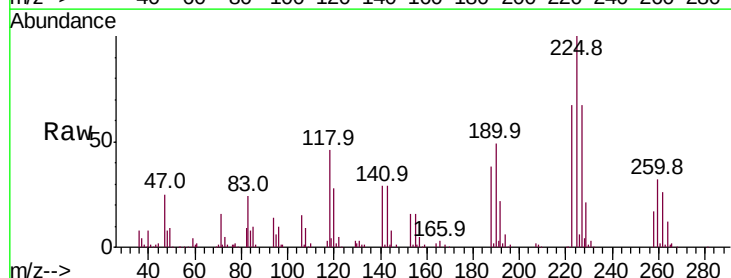
RT: 15.24 min Scan# 2188

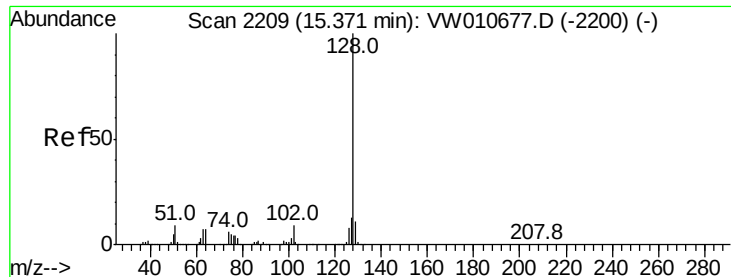
Delta R.T. -0.00 min

Lab File: VW010885.D

Acq: 20 Jun 2019 12:00

Tgt Ion:	225	Resp:	45525
Ion Ratio	Lower	Upper	
225	100		
223	63.9	32.2	96.6
227	65.9	32.0	96.0





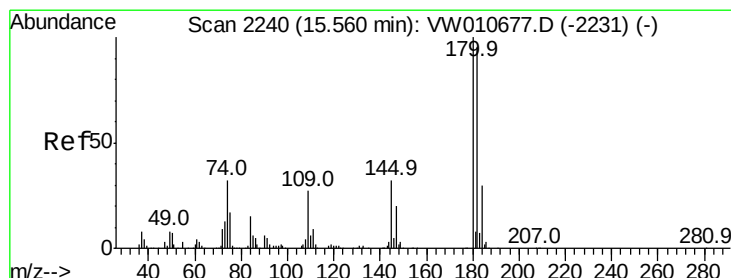
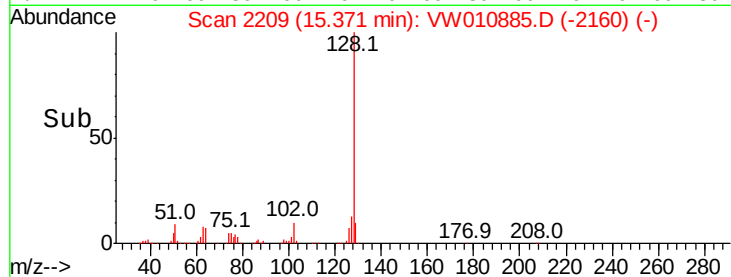
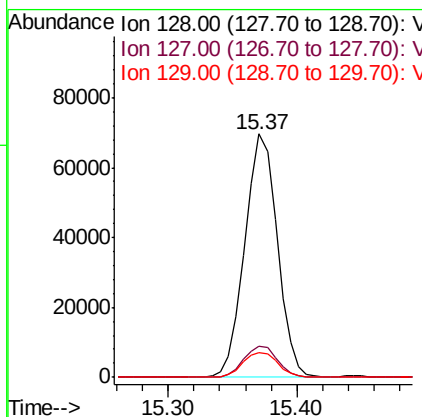
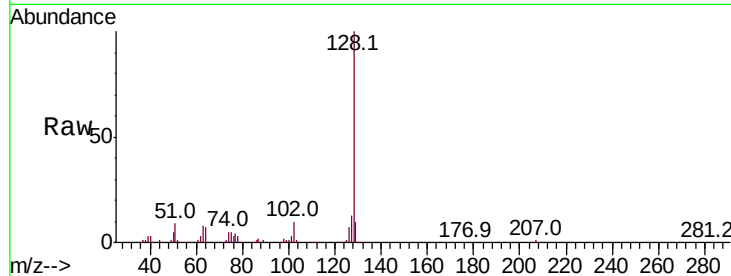
#95
Naphthalene
Concen: 19.375 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0620SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		121862		
127	13.3		10.6	15.8	
129	11.1		8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
6/21/2019 3:20:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.935 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010885.D
Acq: 20 Jun 2019 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		61634		
182	95.4		47.0	141.0	
145	32.6		16.1	48.3	

