

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010775.D
 Acq On : 12 Jun 2019 13:51
 Operator : SY/VA
 Sample : VW0612SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:32:02 AM

Quant Time: Jun 13 07:58:31 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	234964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157190	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
35) Dibromofluoromethane	7.88	113	120265	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	
50) Toluene-d8	10.32	98	502319	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.62	95	186236	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	46370	21.356	ug/l	100
3) Chloromethane	2.21	50	69979	21.906	ug/l	98
4) Vinyl Chloride	2.35	62	60710	20.569	ug/l	98
5) Bromomethane	2.74	94	34823	21.485	ug/l	96
6) Chloroethane	2.90	64	36998	20.883	ug/l	97
7) Trichlorofluoromethane	3.25	101	83730	21.854	ug/l	100
8) Diethyl Ether	3.68	74	30073	21.964	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51249	21.757	ug/l	98
10) Methyl Iodide	4.26	142	38165	19.017	ug/l	97
11) Tert butyl alcohol	5.16	59	37792	167.502	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	49131	21.622	ug/l	99
13) Acrolein	3.89	56	7515	81.511	ug/l	97
14) Allyl chloride	4.66	41	111725	22.300	ug/l	98
15) Acrylonitrile	5.37	53	74762	112.394	ug/l	98
16) Acetone	4.12	43	80496	108.475	ug/l	99
17) Carbon Disulfide	4.37	76	149912	20.783	ug/l	100
18) Methyl Acetate	4.67	43	36934	23.122	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	146459	22.348	ug/l	98
20) Methylene Chloride	4.91	84	60213	23.130	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	57389	22.248	ug/l	97
22) Diisopropyl ether	6.31	45	232766	23.206	ug/l	96
23) Vinyl Acetate	6.26	43	675706	111.625	ug/l	100
24) 1,1-Dichloroethane	6.21	63	114030	22.685	ug/l	99
25) 2-Butanone	7.17	43	117926	114.605	ug/l	98
26) 2,2-Dichloropropane	7.17	77	99641	24.360	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63431	22.345	ug/l	95
28) Bromochloromethane	7.51	49	49855	22.224	ug/l	96
29) Tetrahydrofuran	7.53	42	70396	108.766	ug/l	99
30) Chloroform	7.68	83	103731	22.561	ug/l	99
31) Cyclohexane	7.95	56	120607	21.584	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	90781	22.603	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86985	21.833	ug/l	99
37) Ethyl Acetate	7.25	43	49130	22.253	ug/l	99
38) Carbon Tetrachloride	8.07	117	75549	21.966	ug/l	96

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Manual Integrations
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MMDadoda
 6/13/2019 11:32:02 AM

Quant Time: Jun 13 07:58:31 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)
39) Methylcyclohexane	9.34	83	108055	21.335	ug/l	99
40) Benzene	8.32	78	241084	22.181	ug/l	98
41) Methacrylonitrile	7.48	41	28406	21.646	ug/l	99
42) 1,2-Dichloroethane	8.40	62	79701	23.104	ug/l	98
43) Isopropyl Acetate	8.43	43	95671	22.430	ug/l	99
44) Trichloroethene	9.09	130	59086	22.038	ug/l	95
45) 1,2-Dichloropropane	9.37	63	65102	22.627	ug/l	96
46) Dibromomethane	9.46	93	28806	21.555	ug/l	99
47) Bromodichloromethane	9.64	83	76523	22.090	ug/l	97
48) Methyl methacrylate	9.43	41	45159	21.959	ug/l	100
49) 1,4-Dioxane	9.45	88	8882	425.108	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	245515	112.672	ug/l	99
52) Toluene	10.39	92	147381	22.038	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	80893	22.047	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	96555	22.363	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42504	22.078	ug/l	99
56) Ethyl methacrylate	10.65	69	64399	21.739	ug/l	95
57) 1,3-Dichloropropane	10.93	76	81197	22.380	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	162939	105.013	ug/l	100
59) 2-Hexanone	10.97	43	172161	109.321	ug/l	98
60) Dibromochloromethane	11.13	129	46291	21.691	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39698	21.764	ug/l	98
64) Tetrachloroethene	10.86	164	49294	21.337	ug/l	98
65) Chlorobenzene	11.66	112	149312	21.821	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	52480	22.156	ug/l	100
67) Ethyl Benzene	11.73	91	288336	21.926	ug/l	100
68) m/p-Xylenes	11.84	106	205952	43.750	ug/l	100
69) o-Xylene	12.16	106	97738	21.892	ug/l	97
70) Styrene	12.18	104	168884	21.775	ug/l	99
71) Bromoform	12.35	173	25576	20.878	ug/l	# 99
73) Isopropylbenzene	12.46	105	272634	21.765	ug/l	99
74) N-amyl acetate	12.27	43	89478	22.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50856	21.326	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28206m	16.113	ug/l	
77) Bromobenzene	12.75	156	58374	21.349	ug/l	95
78) n-propylbenzene	12.80	91	330663	21.892	ug/l	100
79) 2-Chlorotoluene	12.90	91	190191	22.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	225353	21.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15798	20.742	ug/l	97
82) 4-Chlorotoluene	12.99	91	196808	22.101	ug/l	98
83) tert-Butylbenzene	13.21	119	190505	21.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	228481	22.145	ug/l	99
85) sec-Butylbenzene	13.38	105	275557	21.750	ug/l	100
86) p-Isopropyltoluene	13.50	119	245863	21.701	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	115562	21.916	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115010	22.001	ug/l	99
89) n-Butylbenzene	13.83	91	248869	22.016	ug/l	99
90) Hexachloroethane	14.10	117	44135	21.753	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	104058	21.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9243	22.572	ug/l	92

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MSVOA_W
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VW0612SBSD01

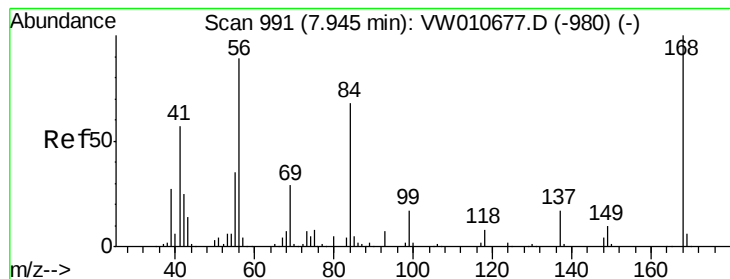
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	71532	21.496	ug/l	99
94) Hexachlorobutadiene	15.24	225	44977	21.536	ug/l	99
95) Naphthalene	15.37	128	123491	20.425	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61823	21.846	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: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion:168 Resp: 234964

Ion Ratio Lower Upper

168 100

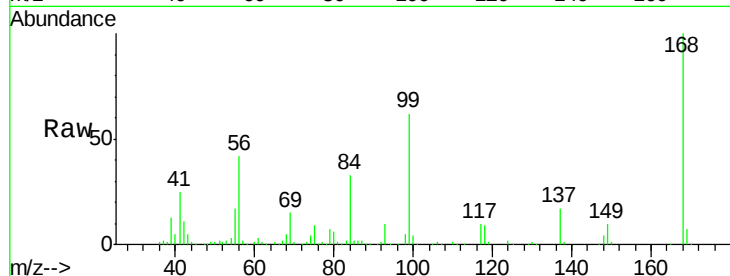
99 62.0 47.7 71.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

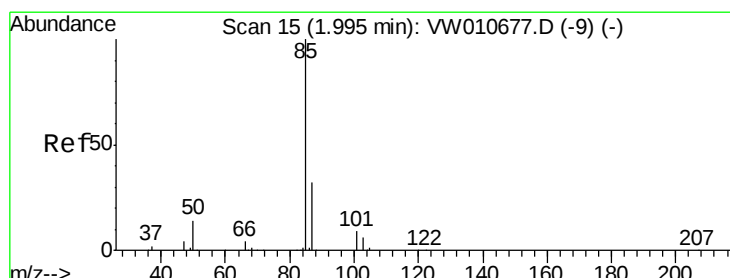
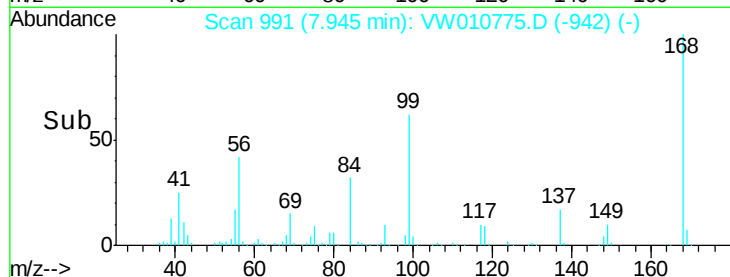
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.356 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010775.D

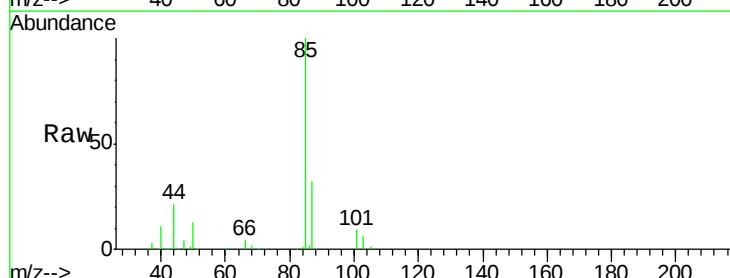
Acq: 12 Jun 2019 13:51

Tgt Ion: 85 Resp: 46370

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

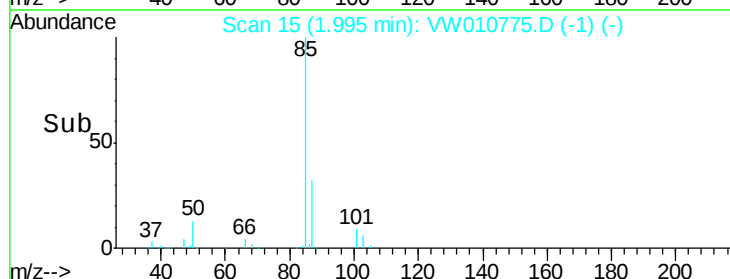
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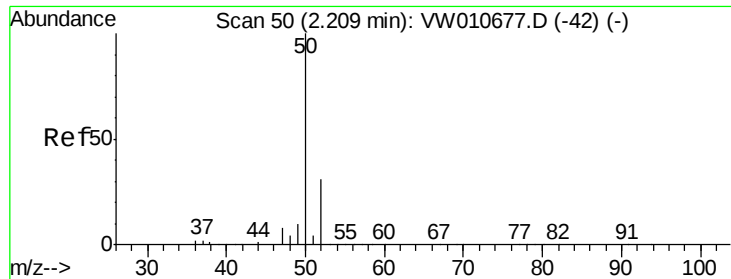
10000

5000

0

Time-->





#3

Chloromethane

Concen: 21.906 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion: 50 Resp: 69979

Ion Ratio Lower Upper

50 100

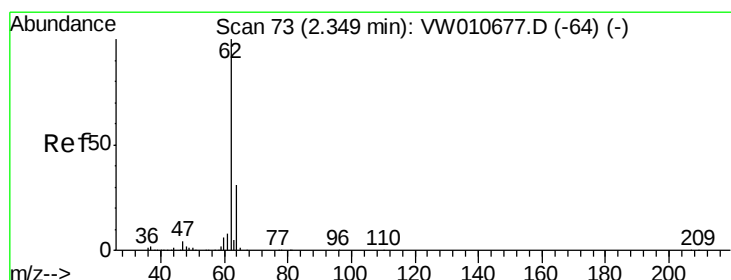
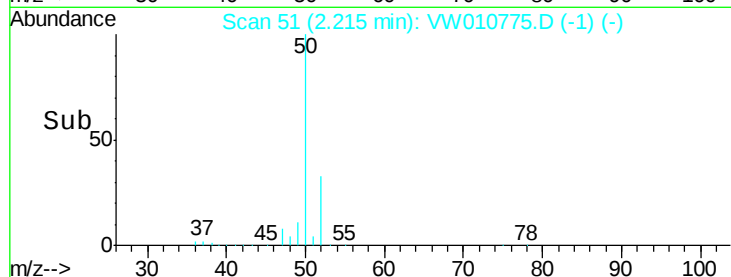
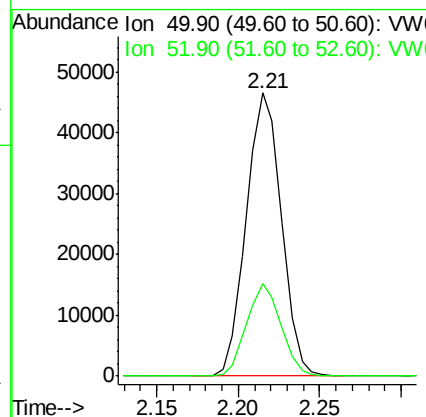
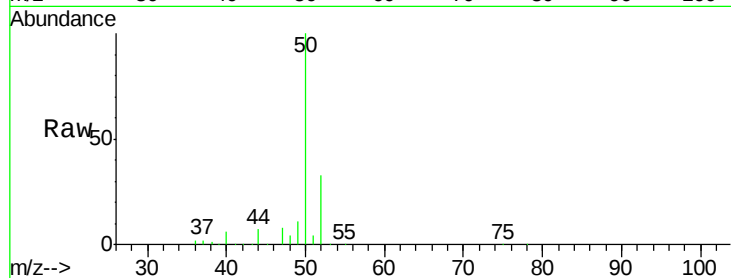
52 32.8 25.2 37.8

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#4

Vinyl Chloride

Concen: 20.569 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VW010775.D

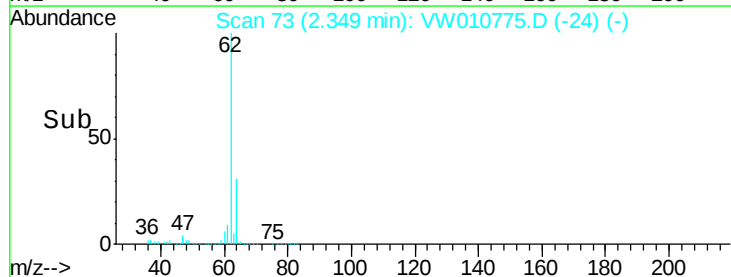
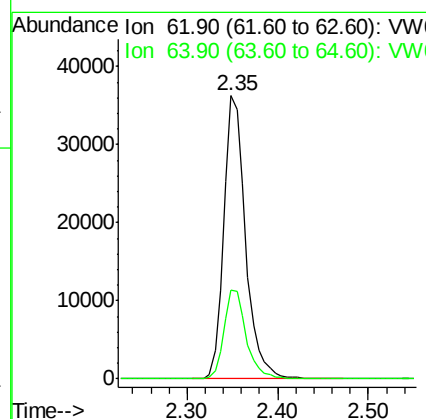
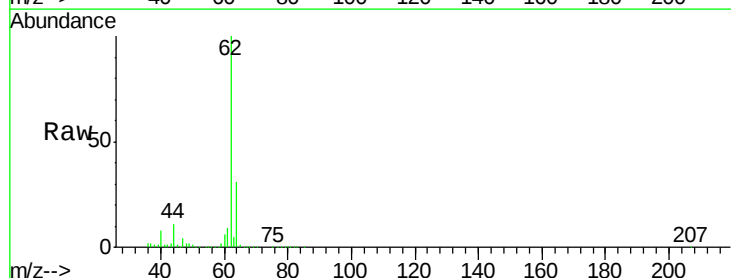
Acq: 12 Jun 2019 13:51

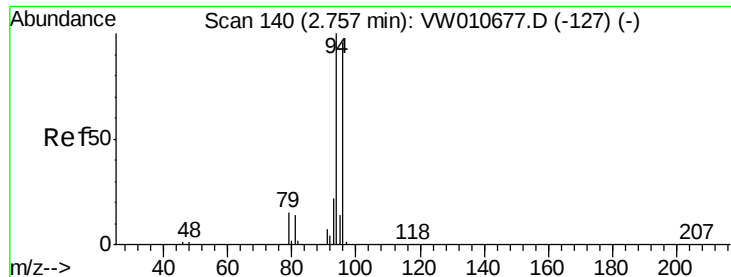
Tgt Ion: 62 Resp: 60710

Ion Ratio Lower Upper

62 100

64 31.5 24.5 36.7





#5

Bromomethane

Concen: 21.485 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion: 94 Resp: 34823

Ion Ratio Lower Upper

94 100

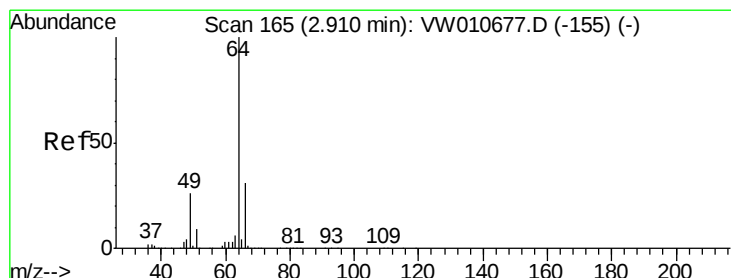
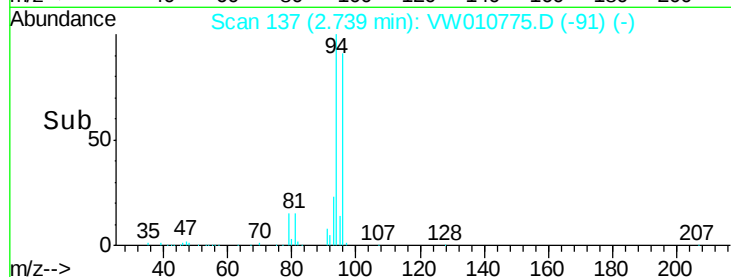
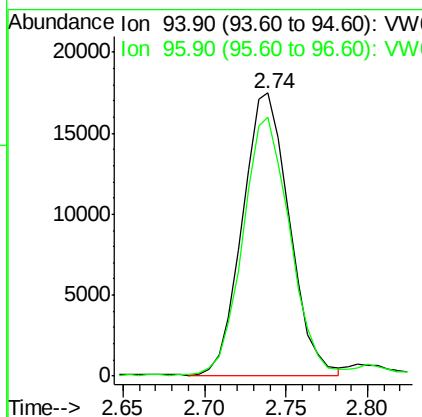
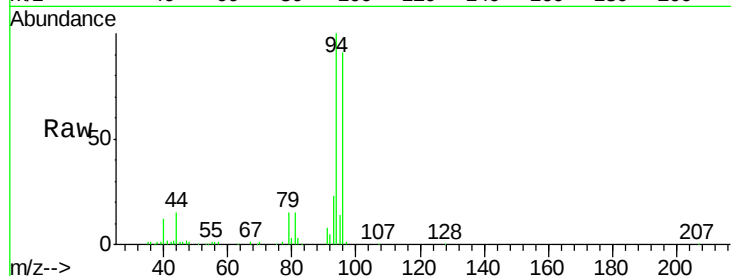
96 91.3 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 20.883 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010775.D

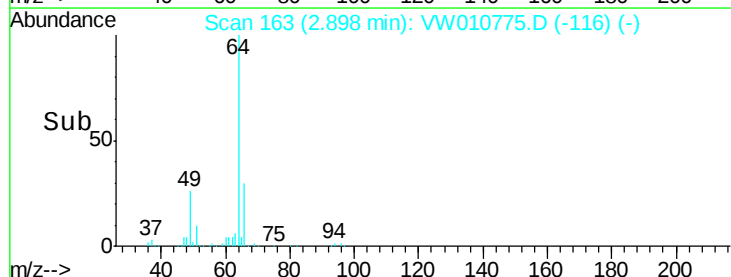
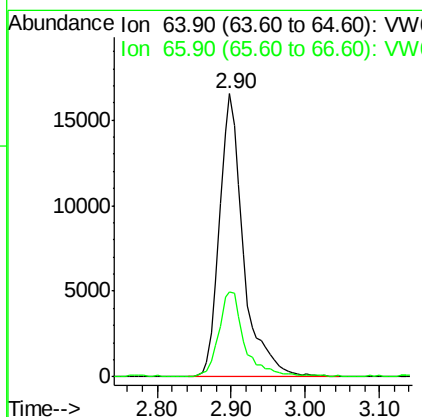
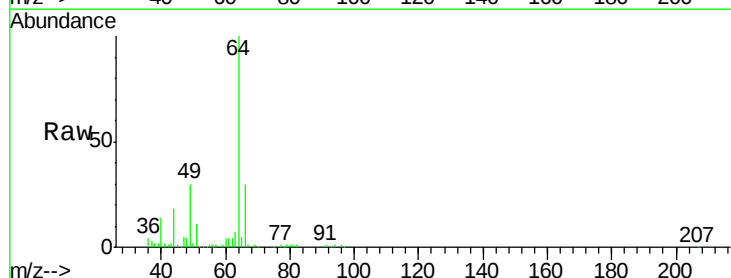
Acq: 12 Jun 2019 13:51

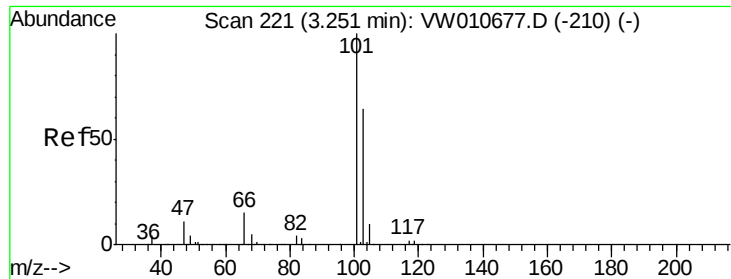
Tgt Ion: 64 Resp: 36998

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7





#7

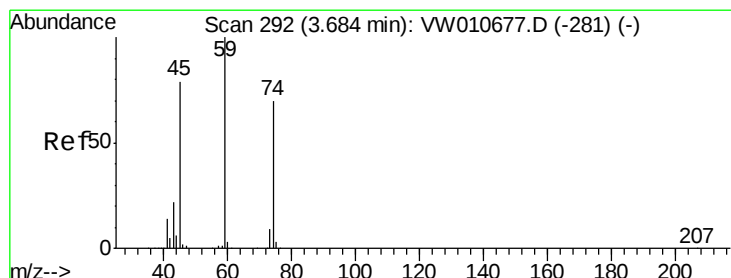
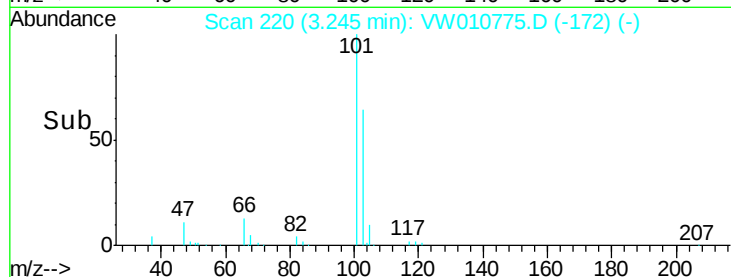
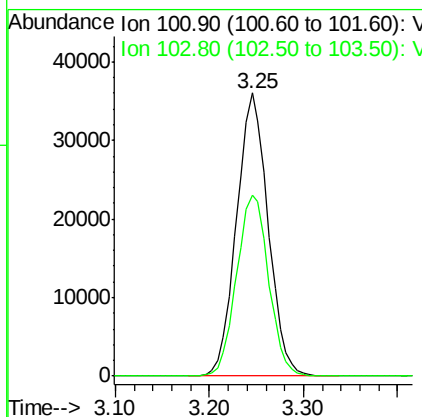
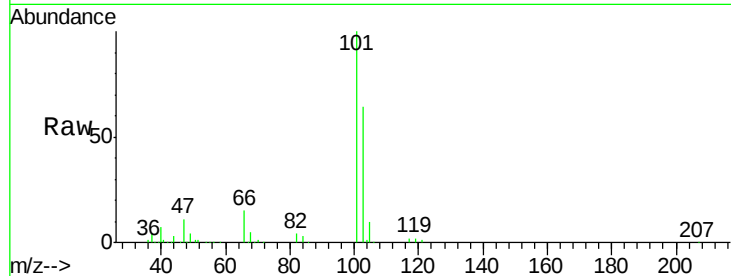
Trichlorofluoromethane
 Concen: 21.854 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
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 ClientSampleId :
 VW0612SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.2	76.8

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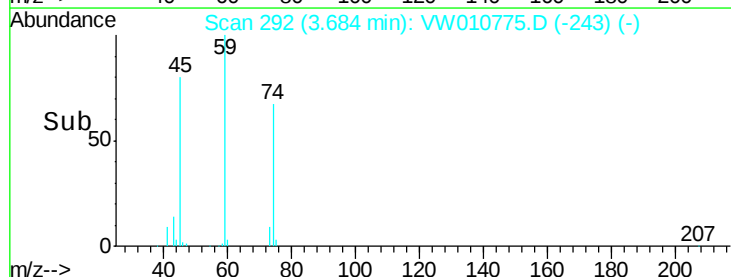
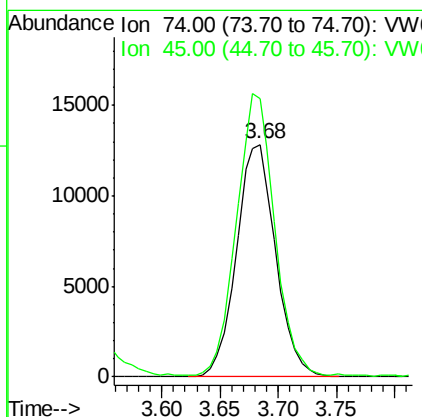
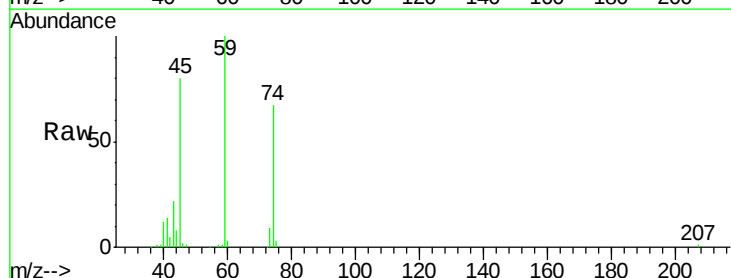
MMDadoda
 6/13/2019 11:32:02 AM

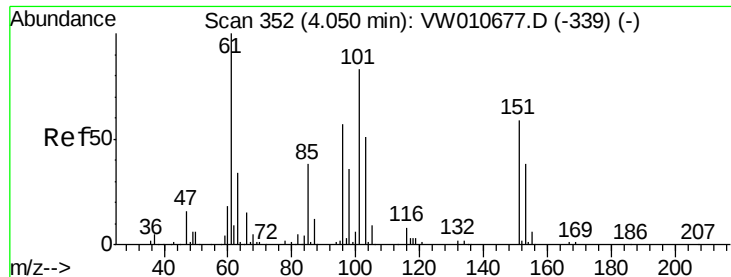


#8

Diethyl Ether
 Concen: 21.964 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.5	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.757 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

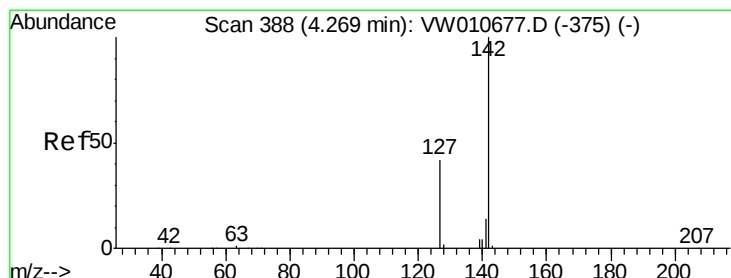
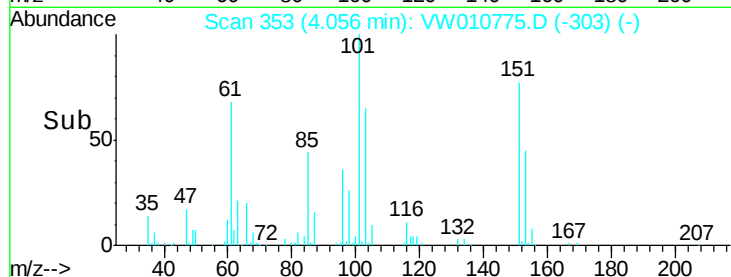
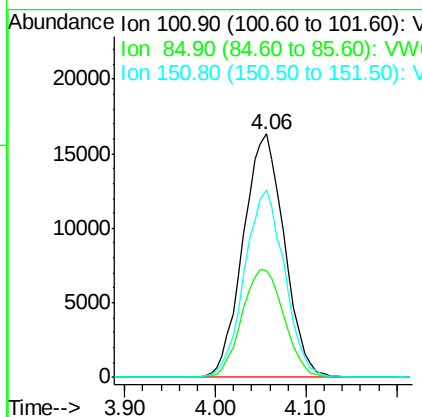
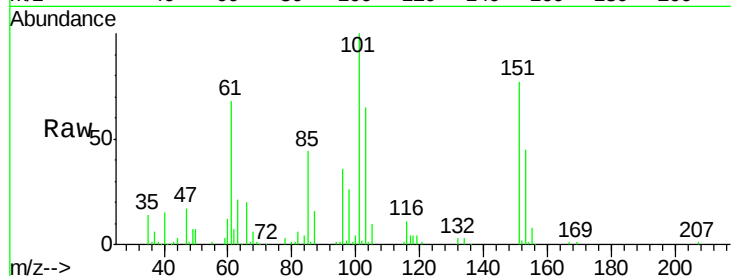
ClientSampleId :

VW0612SBS01

Tot Ion:	101	Resp:	51249
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.8	53.8
151	74.8	58.1	87.1

Manual Integrations
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6/13/2019 11:32:02 AM



#10

Methyl Iodide

Concen: 19.017 ug/l

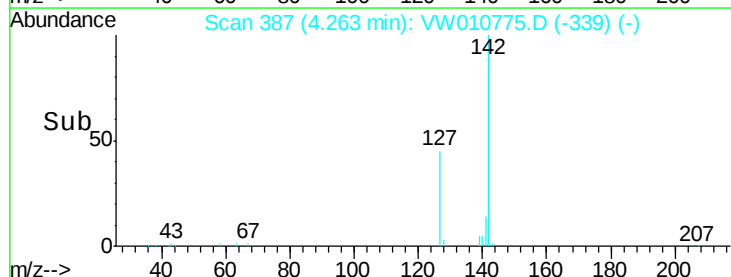
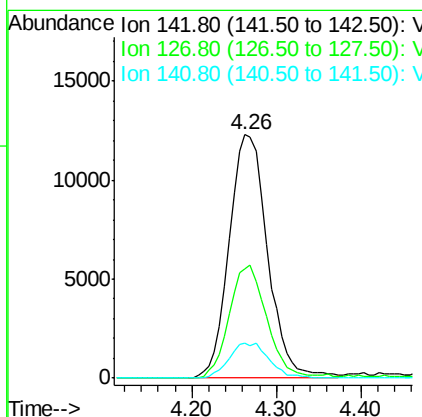
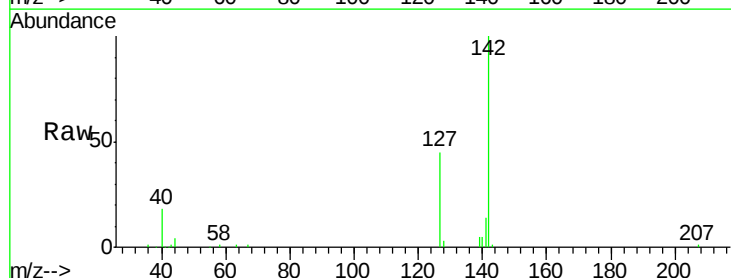
RT: 4.26 min Scan# 387

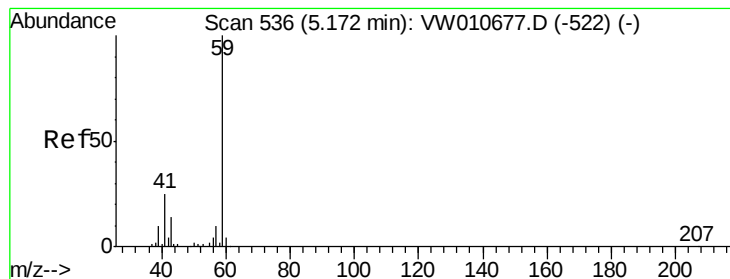
Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion:	142	Resp:	38165
Ion Ratio	Lower	Upper	
142	100		
127	45.4	34.6	51.8
141	14.9	11.6	17.4





#11

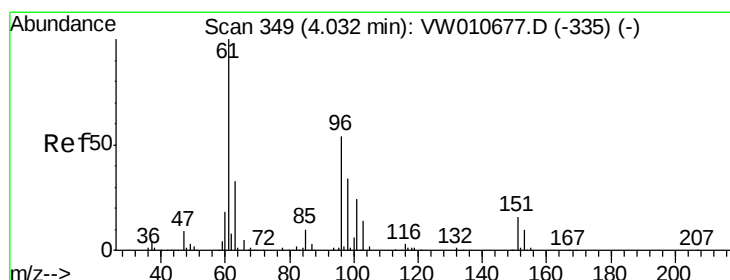
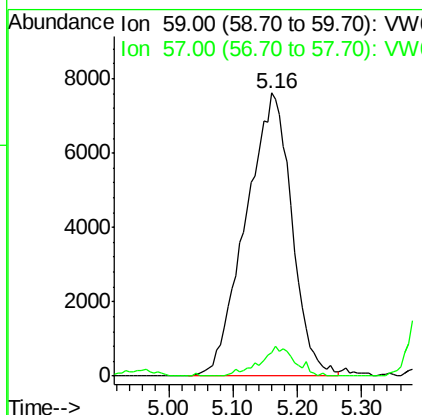
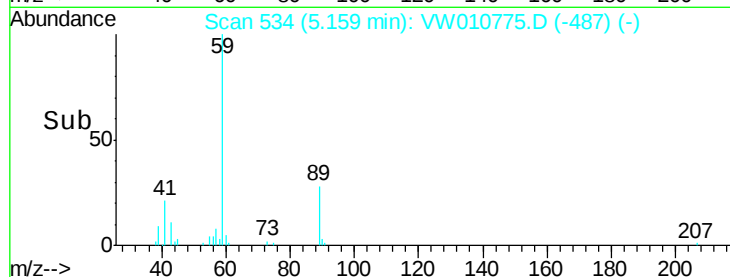
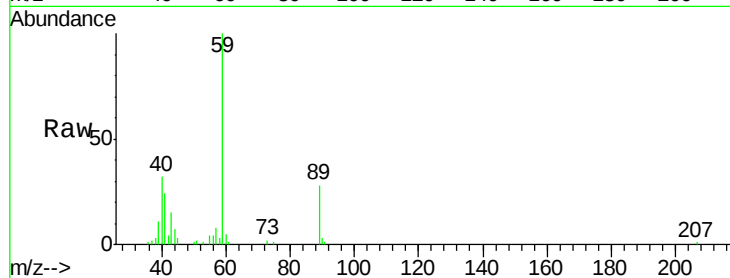
Tert butyl alcohol
Concen: 167.502 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	37792		
57	57	7.9		8.6	12.8#

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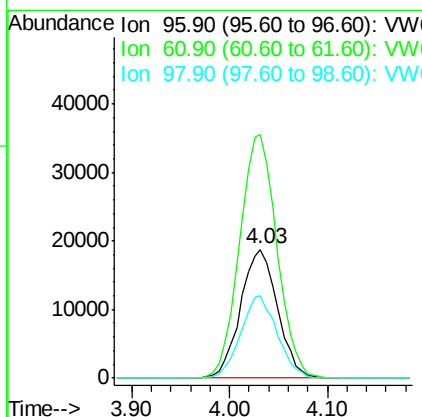
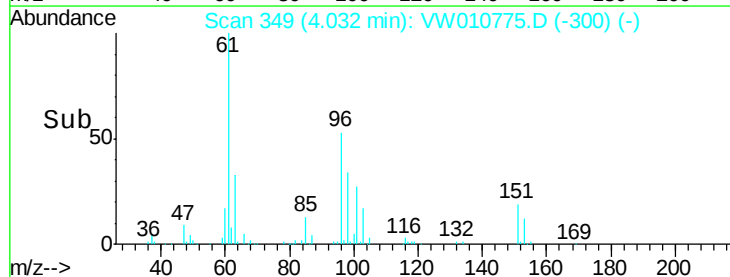
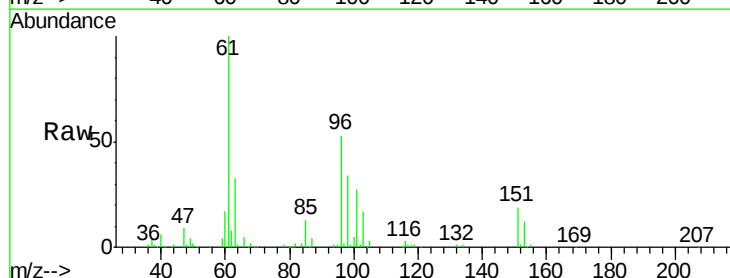
MMDadoda
6/13/2019 11:32:02 AM

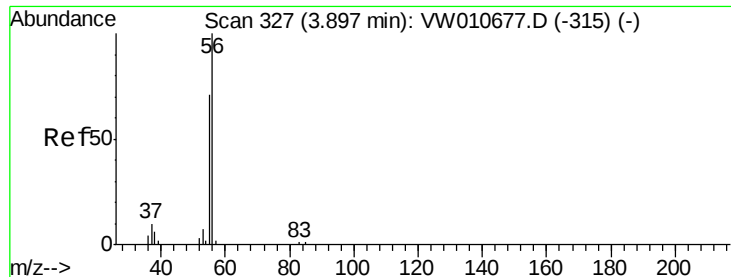


#12

1,1-Dichloroethene
Concen: 21.622 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	49131		
61	61	188.9		149.1	223.7
98	98	64.2		51.1	76.7





#13

Acrolein

Concen: 81.511 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion: 56 Resp: 7515

Ion Ratio Lower Upper

56 100

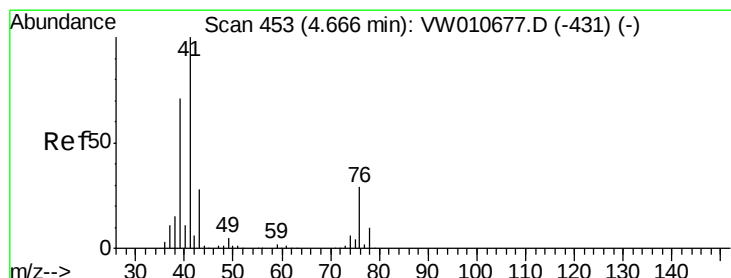
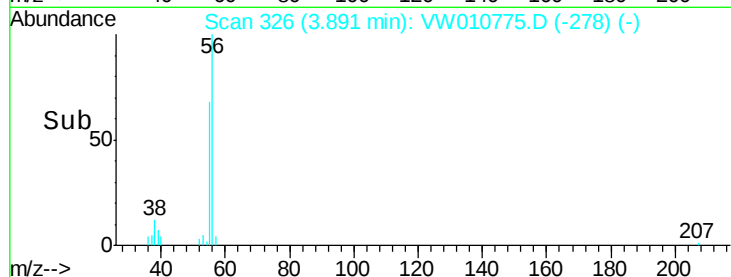
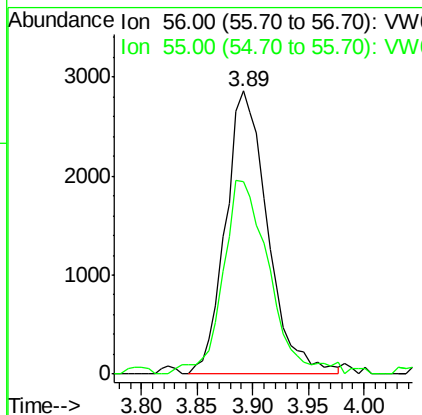
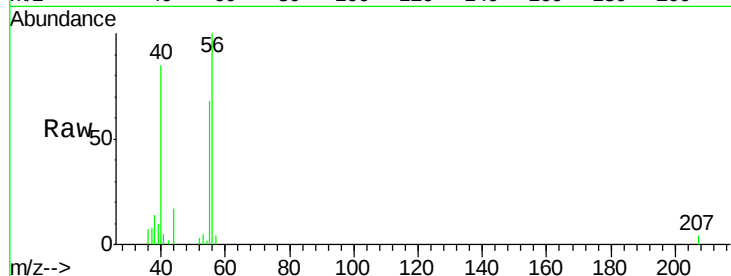
55 74.9 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 22.300 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

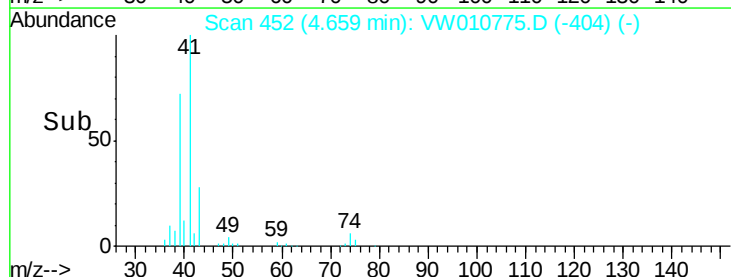
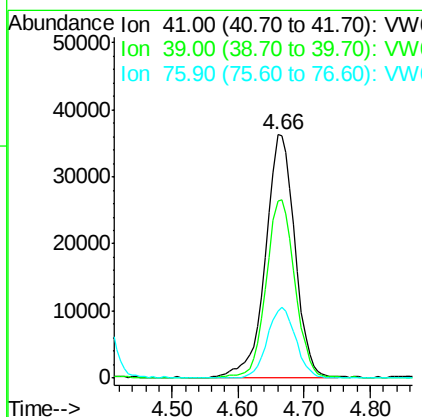
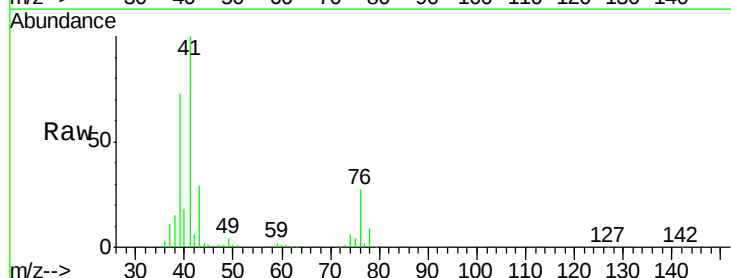
Tgt Ion: 41 Resp: 111725

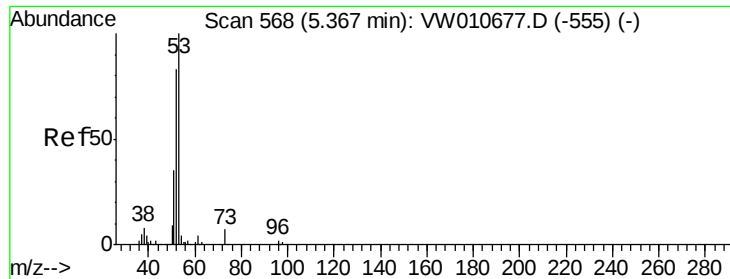
Ion Ratio Lower Upper

41 100

39 71.6 55.8 83.6

76 28.1 22.7 34.1





#15

Acrylonitrile

Concen: 112.394 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

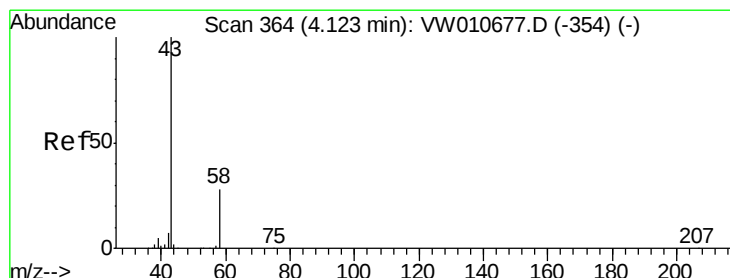
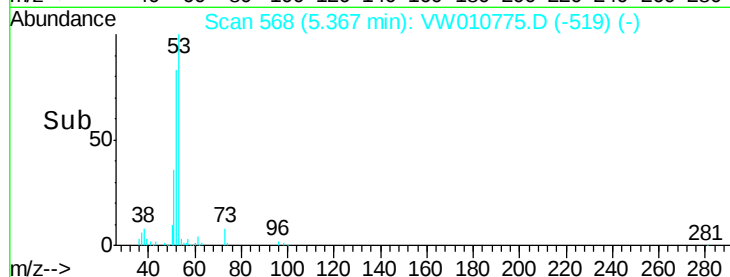
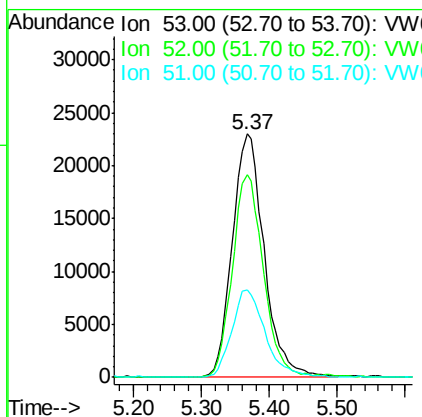
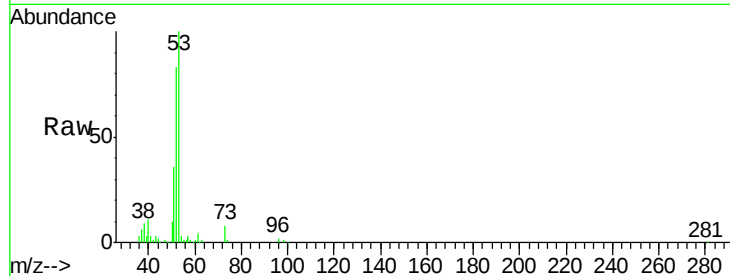
ClientSampleId :

VW0612SBSD01

Tot Ion:	53	Resp:	74762
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.6	100.0
51	37.8	29.8	44.8

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#16

Acetone

Concen: 108.475 ug/l

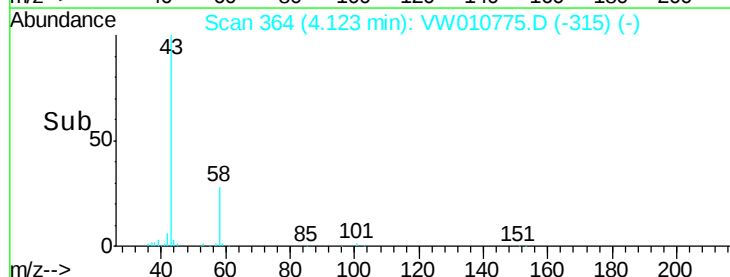
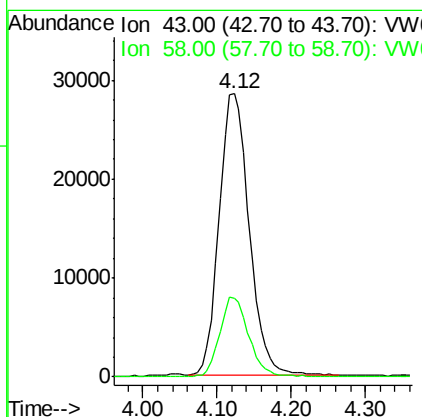
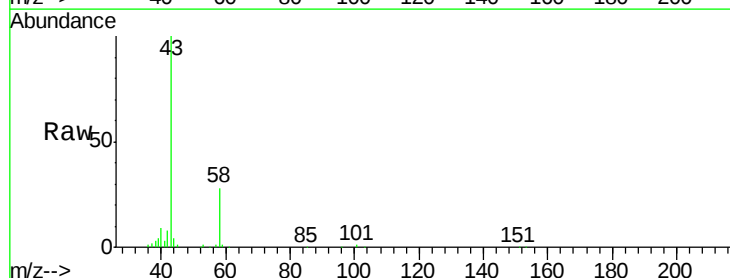
RT: 4.12 min Scan# 364

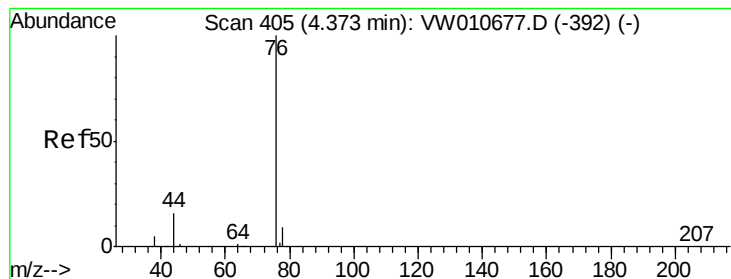
Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion:	43	Resp:	80496
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1





#17

Carbon Disulfide

Concen: 20.783 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion: 76 Resp: 149912

Ion Ratio Lower Upper

76 100

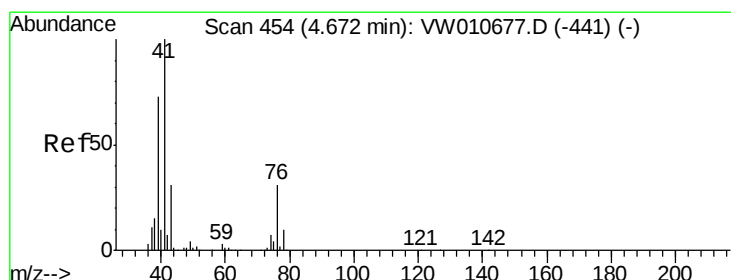
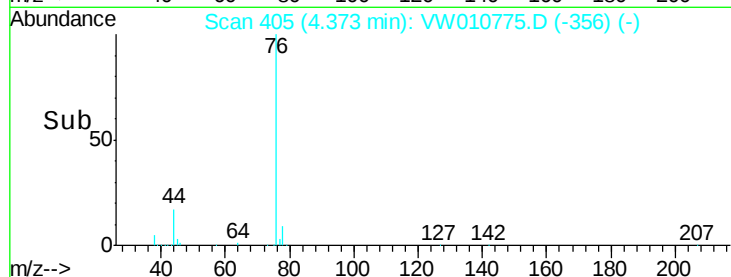
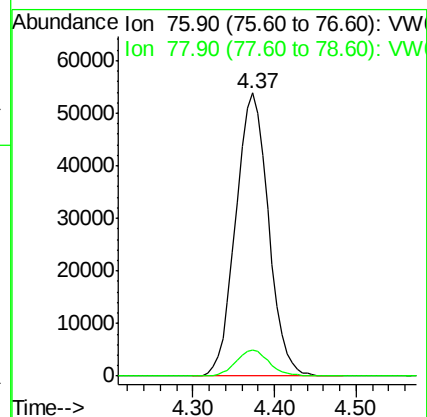
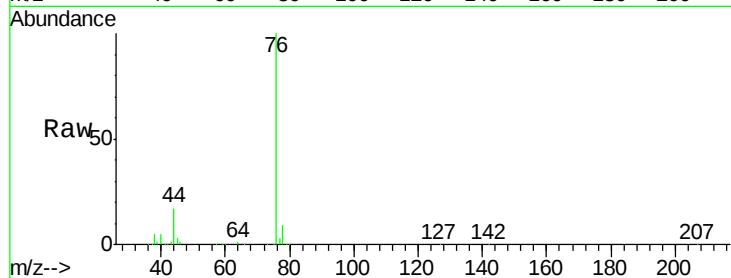
78 9.4 7.5 11.3

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#18

Methyl Acetate

Concen: 23.122 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010775.D

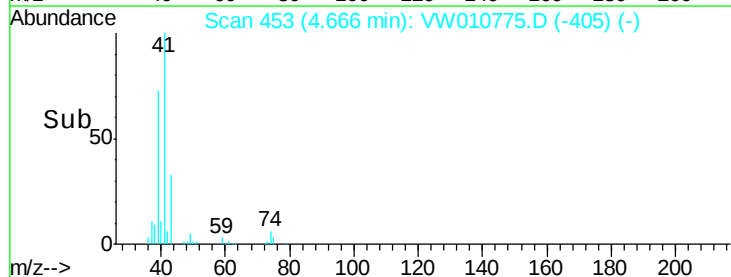
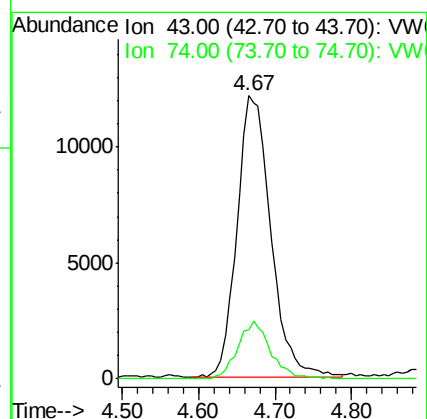
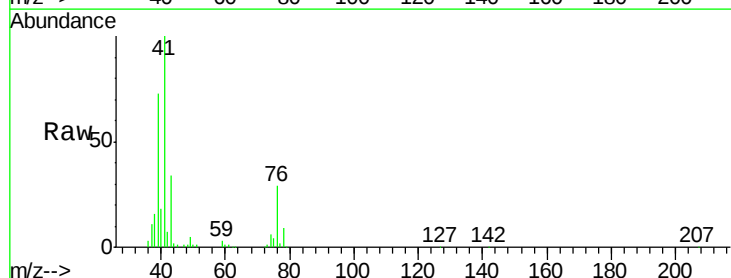
Acq: 12 Jun 2019 13:51

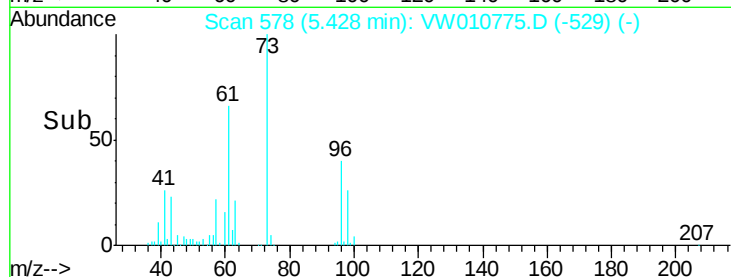
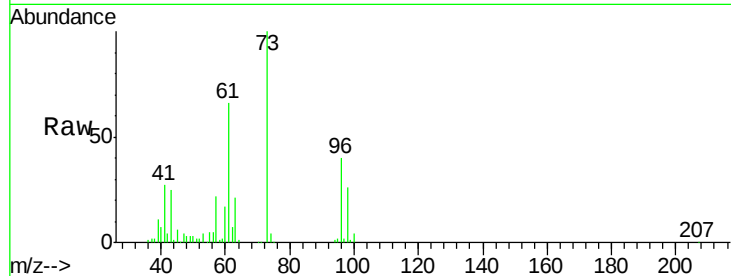
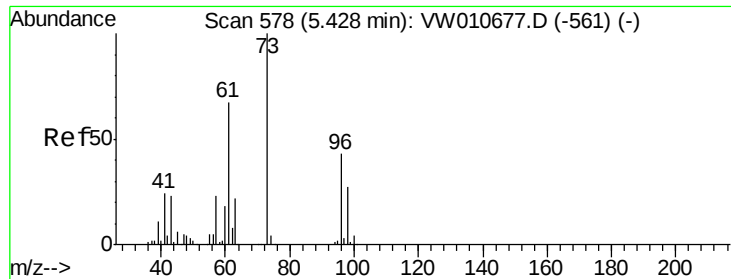
Tgt Ion: 43 Resp: 36934

Ion Ratio Lower Upper

43 100

74 19.9 16.7 25.1





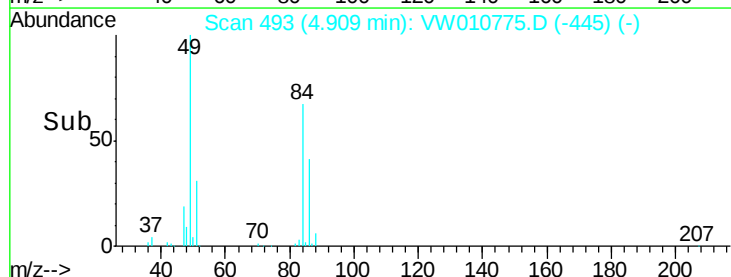
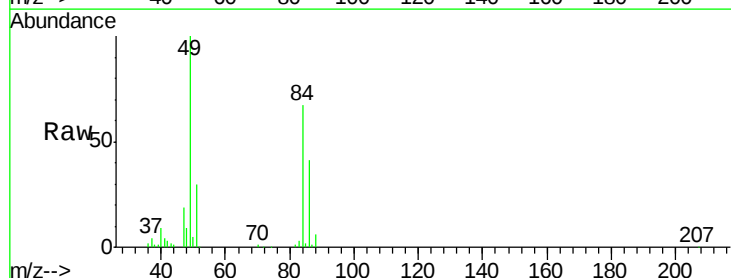
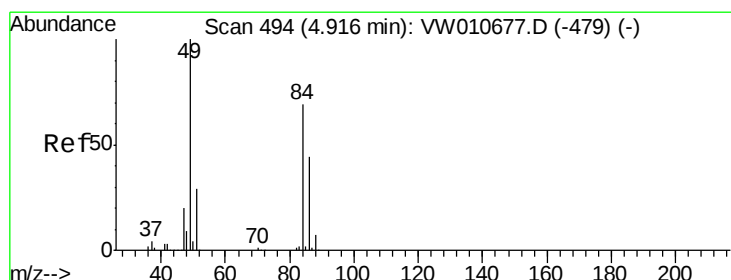
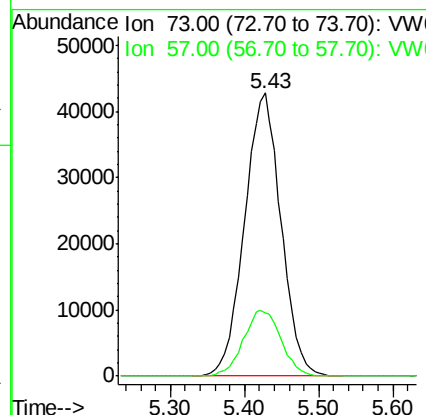
#19
Methyl tert-butyl Ether
Concen: 22.348 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tot Ion: 73 Resp: 146459
Ion Ratio Lower Upper
73 100
57 22.3 18.6 27.8

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

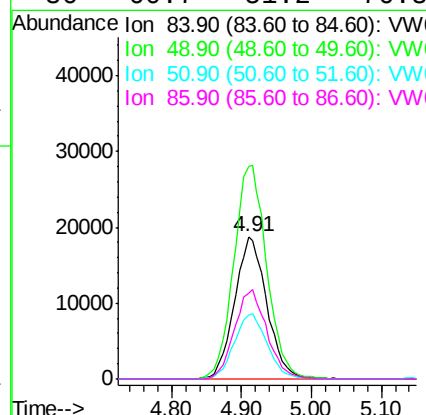
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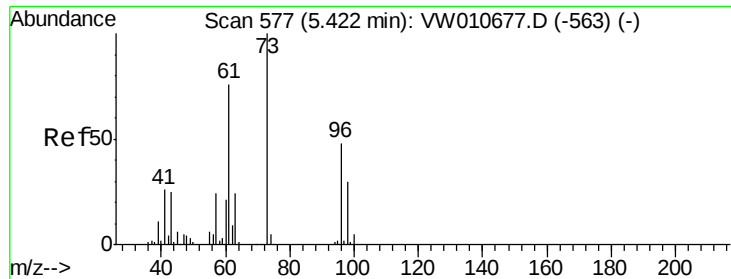
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#20
Methylene Chloride
Concen: 23.130 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 84 Resp: 60213
Ion Ratio Lower Upper
84 100
49 149.3 116.7 175.1
51 45.4 34.2 51.2
86 60.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 22.248 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

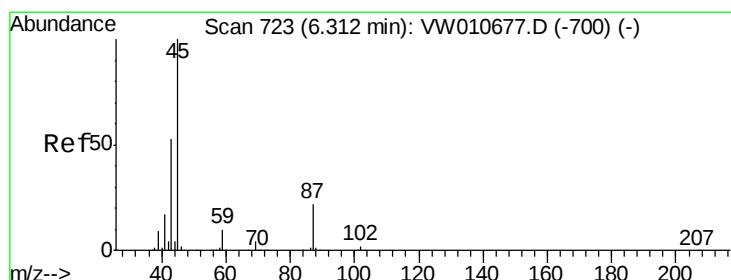
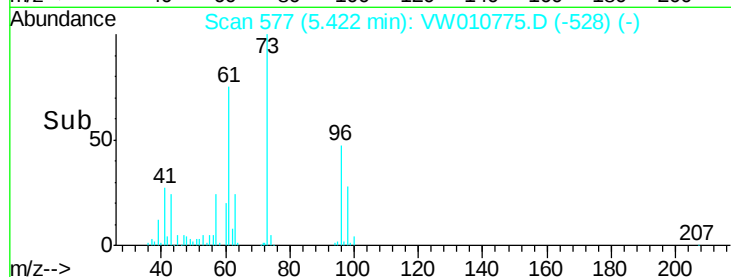
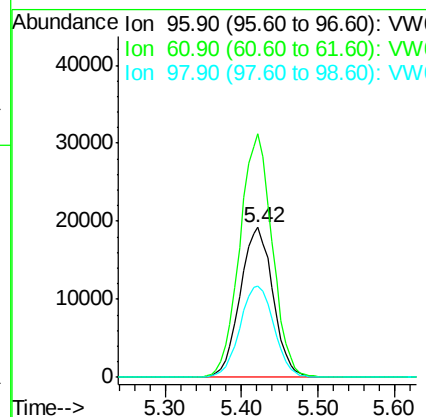
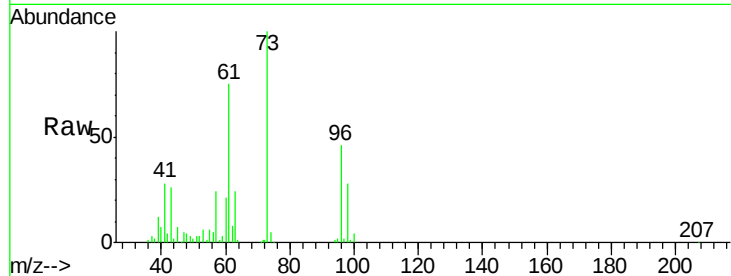
ClientSampleId :

VW0612SBSD01

Tot Ion:	96	Resp:	57389
Ion	Ratio	Lower	Upper
96	100		
61	162.5	126.0	189.0
98	61.0	49.6	74.4

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#22

Diisopropyl ether

Concen: 23.206 ug/l

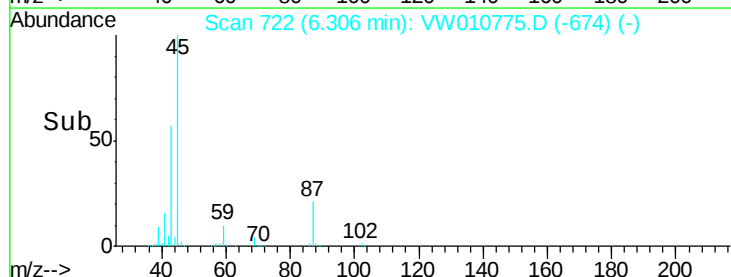
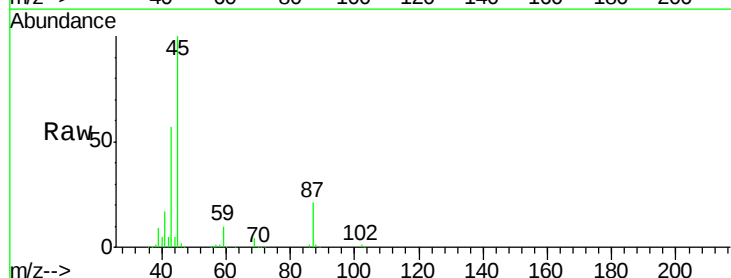
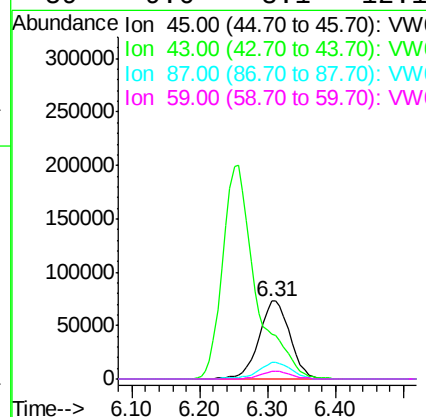
RT: 6.31 min Scan# 722

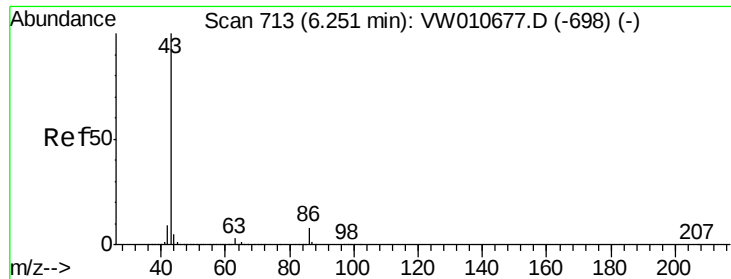
Delta R.T. -0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion:	45	Resp:	232766
Ion	Ratio	Lower	Upper
45	100		
43	57.0	42.5	63.7
87	21.0	17.4	26.2
59	9.6	8.1	12.1





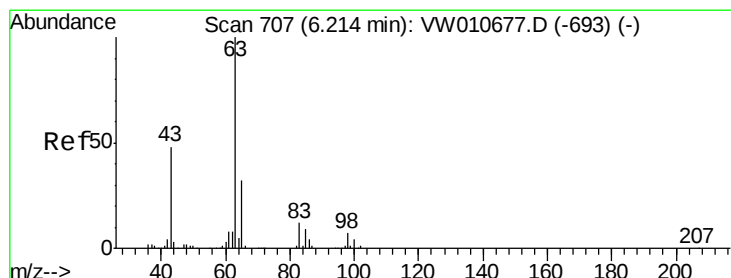
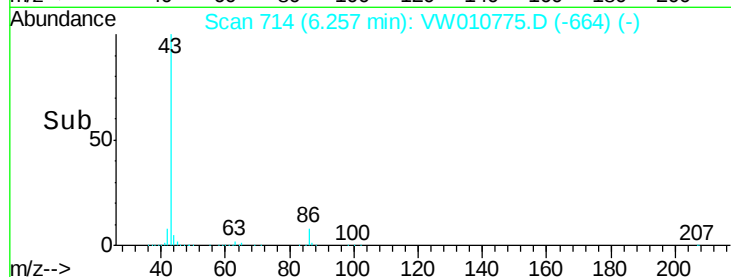
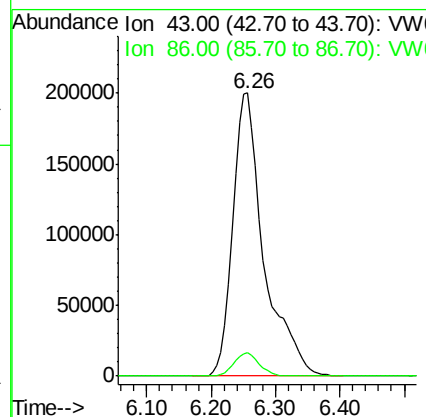
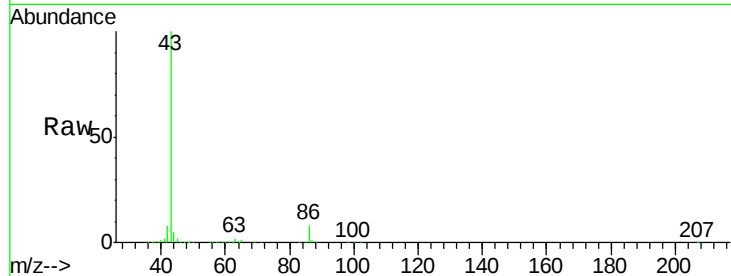
#23
 Vinyl Acetate
 Concen: 111.625 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	675706		
86	8.2		6.6	10.0

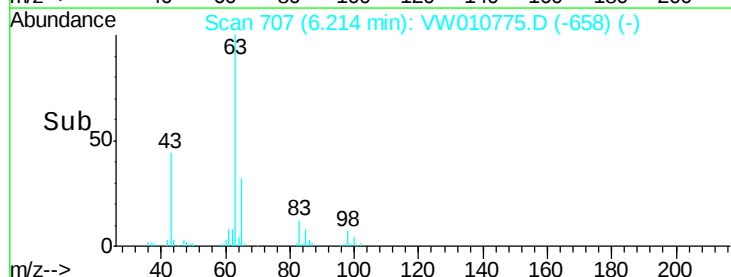
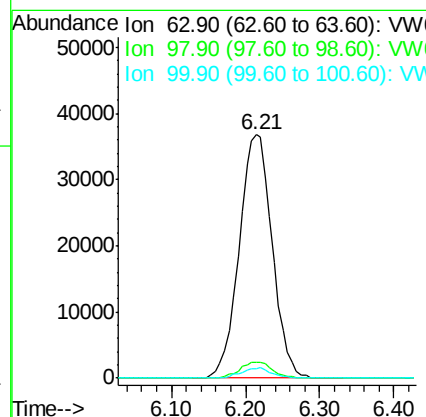
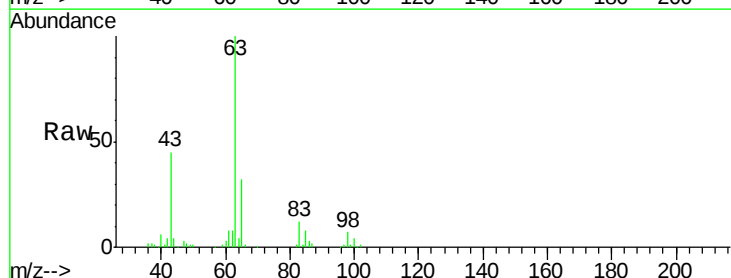
Manual Integrations
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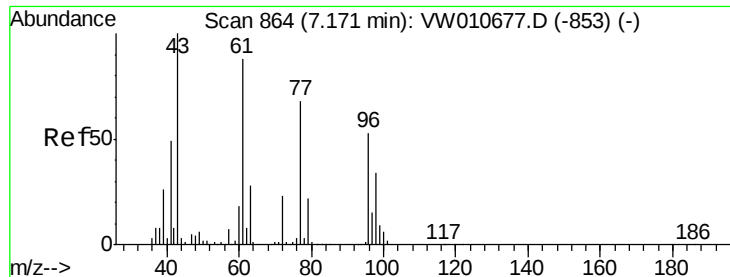
MMDadoda
 6/13/2019 11:32:02 AM



#24
 1,1-Dichloroethane
 Concen: 22.685 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	114030		
98	6.7		3.4	10.2
100	3.9		2.1	6.3





#25

2-Butanone

Concen: 114.605 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 43 Resp: 117926

Ion Ratio Lower Upper

43 100

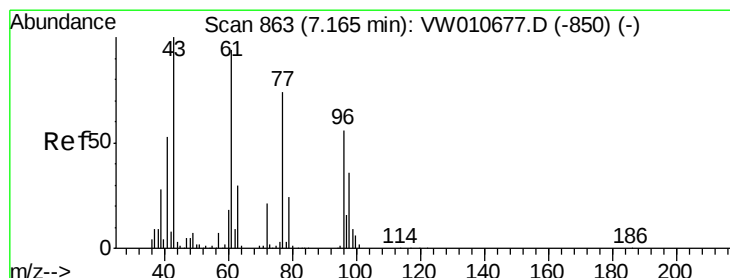
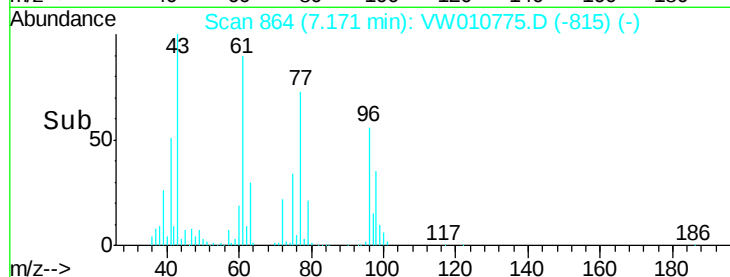
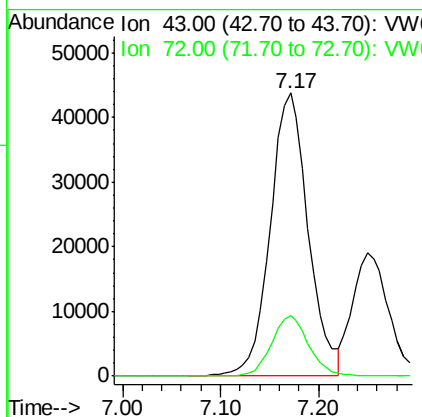
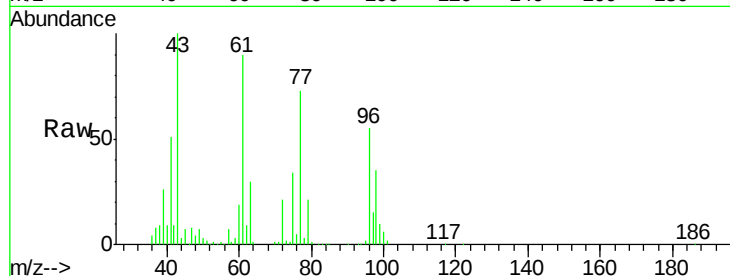
72 21.6 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 24.360 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010775.D

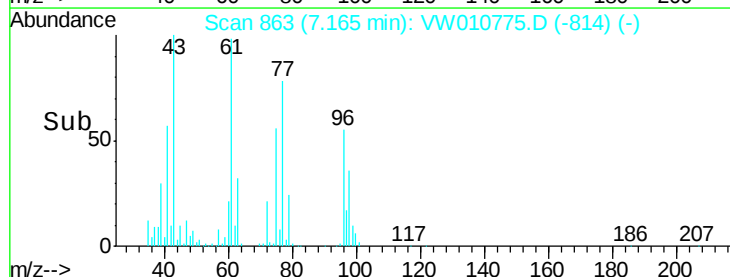
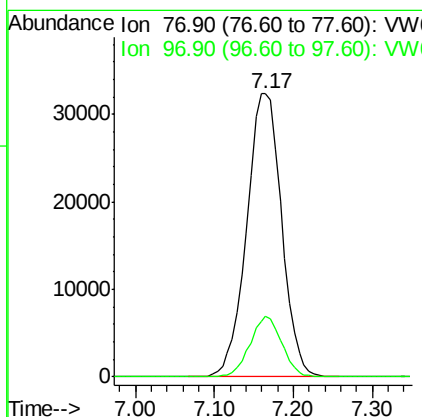
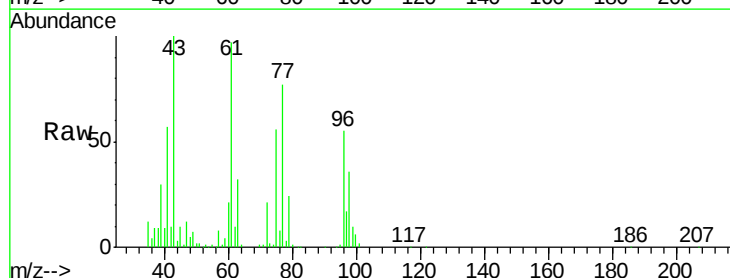
Acq: 12 Jun 2019 13:51

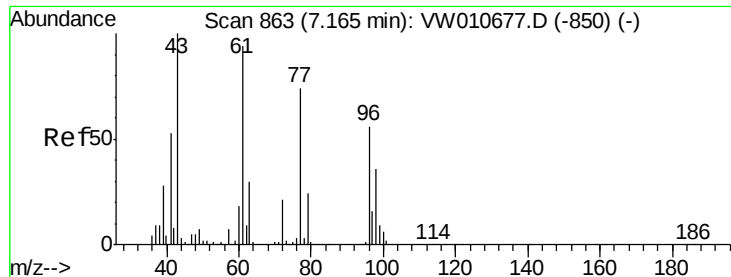
Tgt Ion: 77 Resp: 99641

Ion Ratio Lower Upper

77 100

97 19.5 10.5 31.6





#27

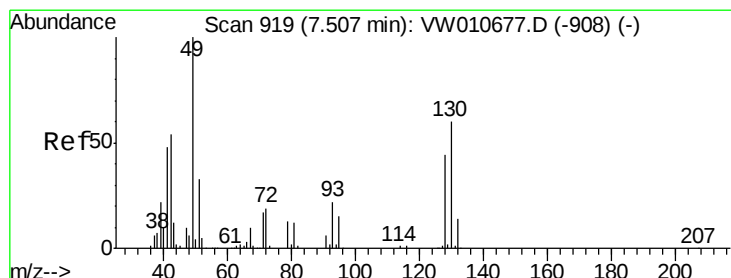
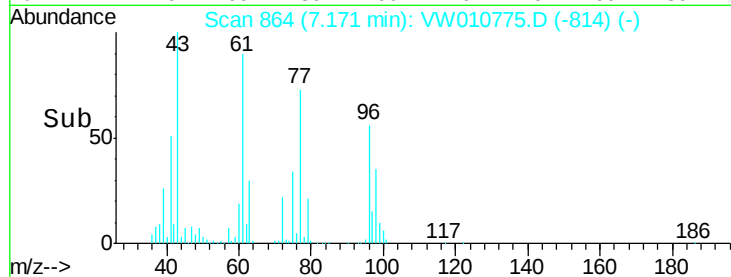
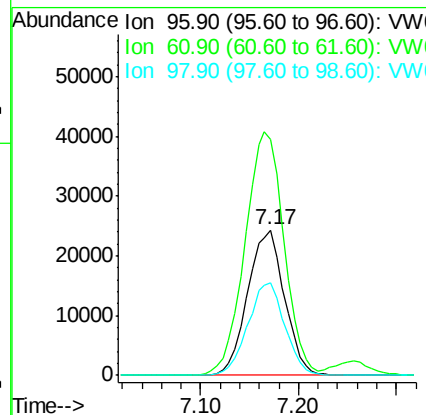
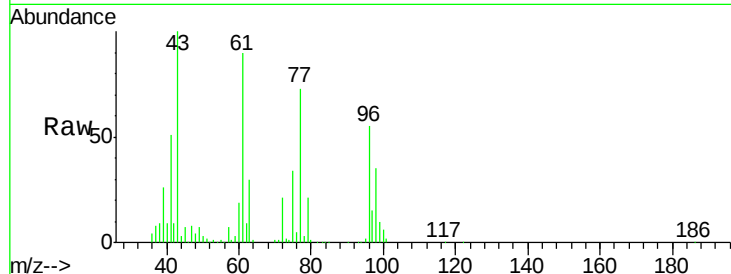
cis-1,2-Dichloroethene
Concen: 22.345 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampled :
VW0612SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	177.3	0.0	336.4
98	63.9	0.0	128.0

Manual Integrations
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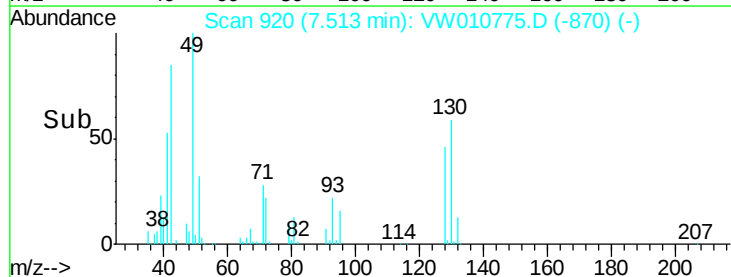
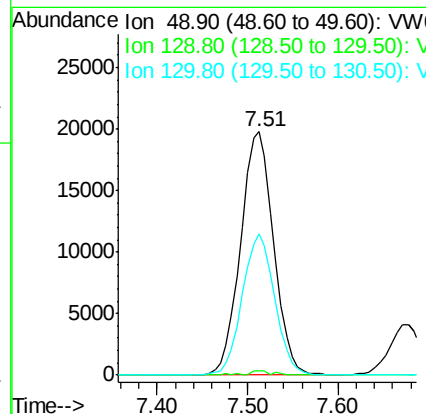
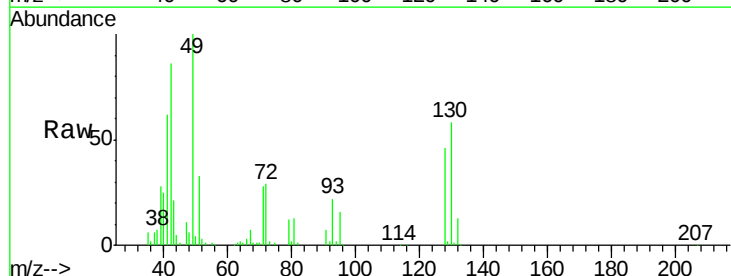
MMDadoda
6/13/2019 11:32:02 AM

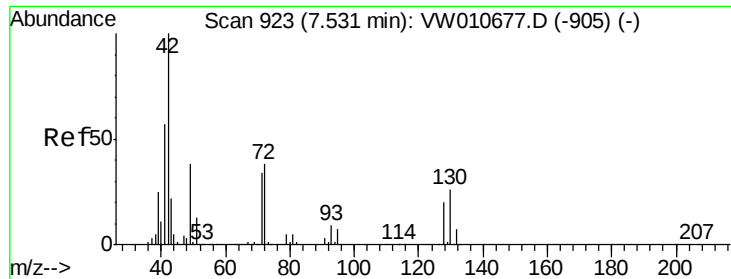


#28

Bromochloromethane
Concen: 22.224 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.2
130	57.0	48.3	72.5





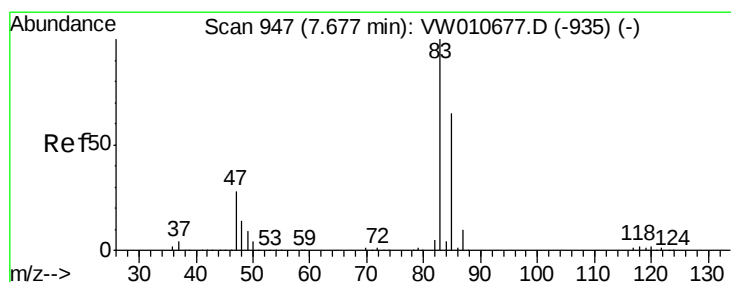
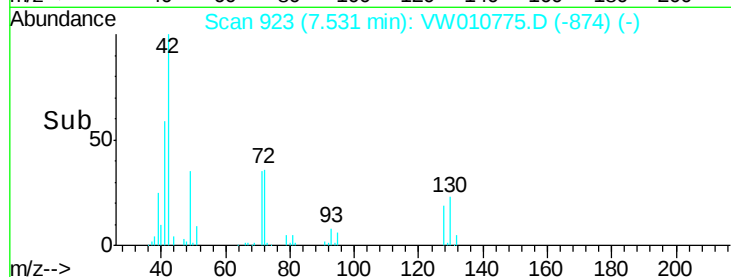
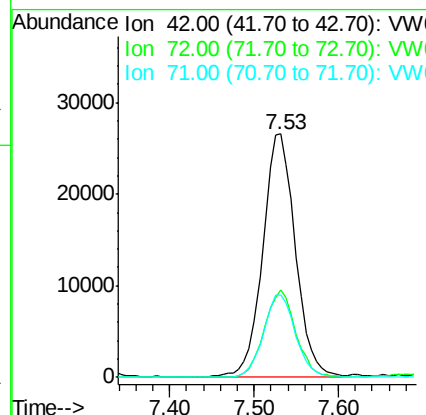
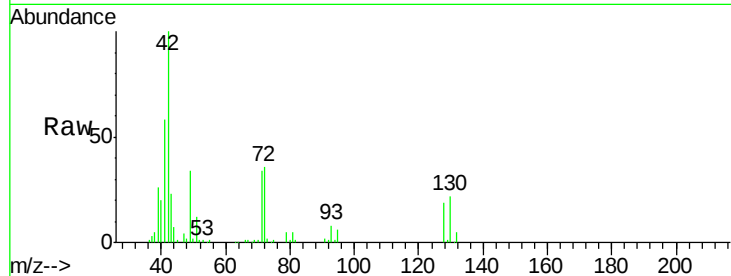
#29
Tetrahydrofuran
Concen: 108.766 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.9	28.7	43.1
71	33.7	26.6	39.8

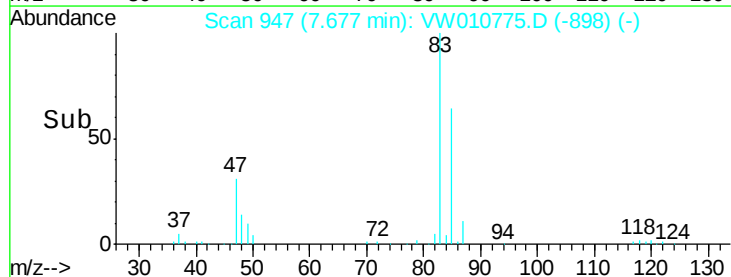
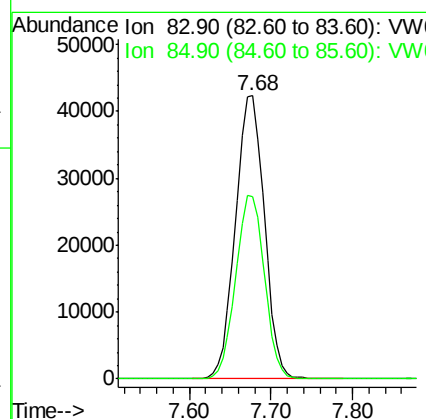
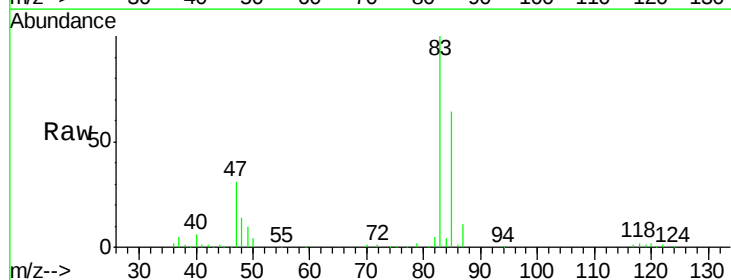
Manual Integrations
APPROVED

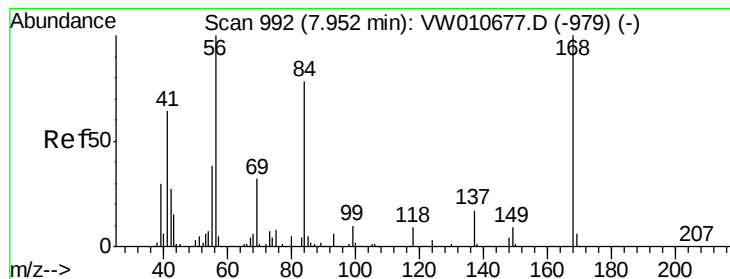
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#30
Chloroform
Concen: 22.561 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8





#31

Cyclohexane

Concen: 21.584 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

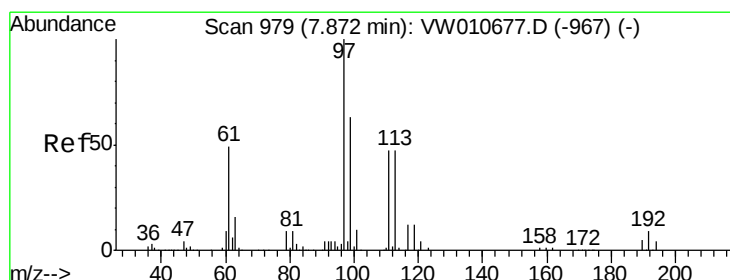
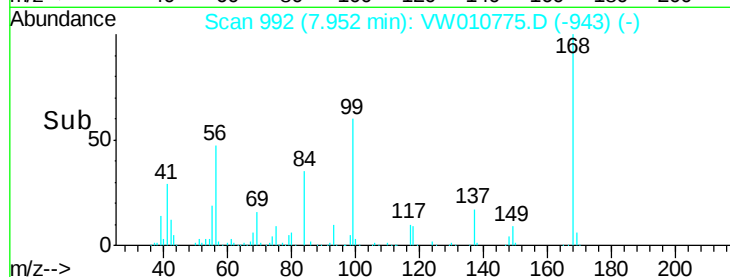
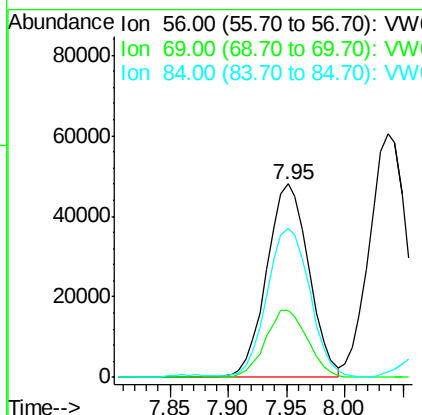
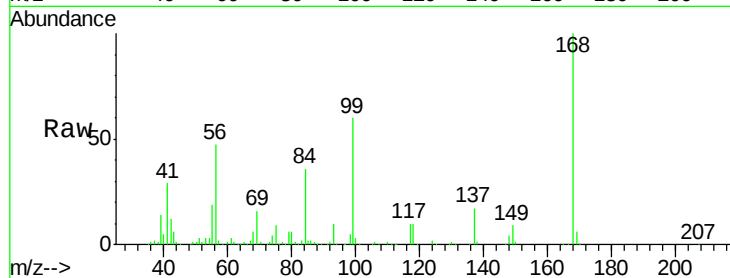
ClientSampleId :

VW0612SBSD01

Tot Ion:	56	Resp:	120607
Ion Ratio	Lower	Upper	
56	100		
69	34.3	25.2	37.8
84	76.1	62.2	93.2

Manual Integrations
APPROVED

MMDadoda
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#32

1,1,1-Trichloroethane

Concen: 22.603 ug/l

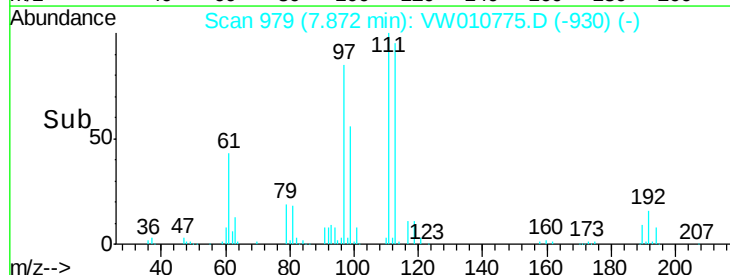
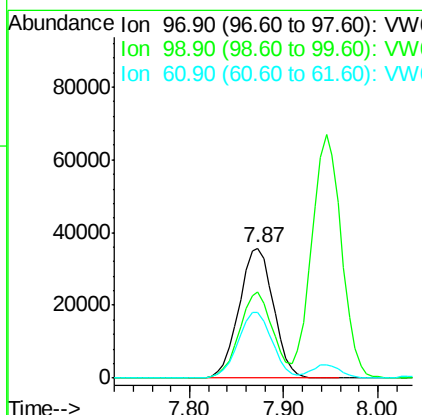
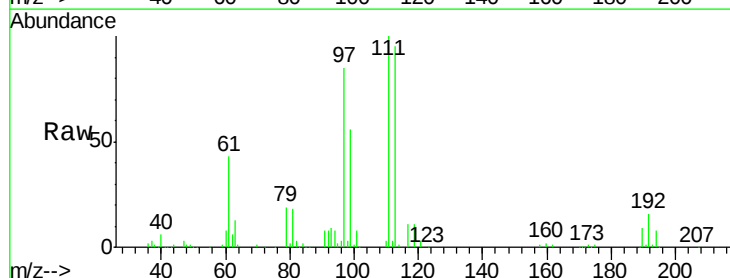
RT: 7.87 min Scan# 979

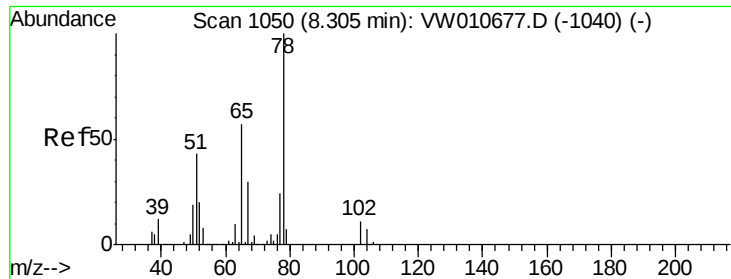
Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion:	97	Resp:	90781
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.3	76.9
61	50.6	40.4	60.6





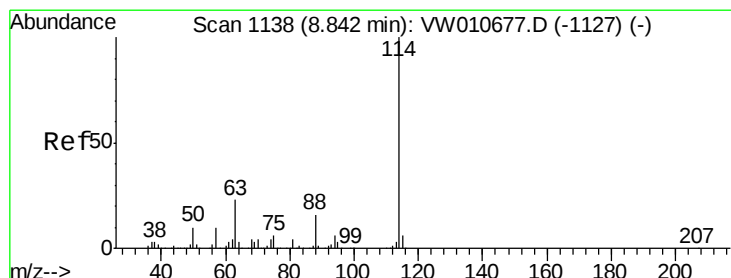
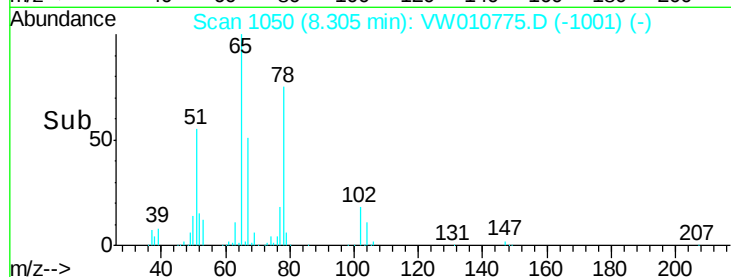
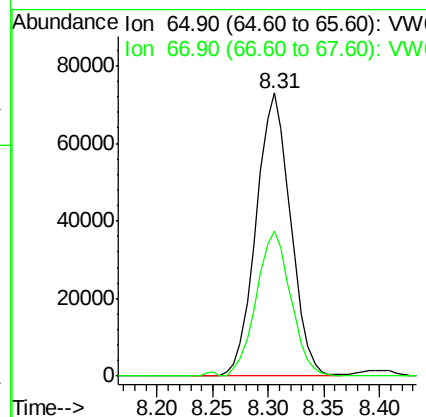
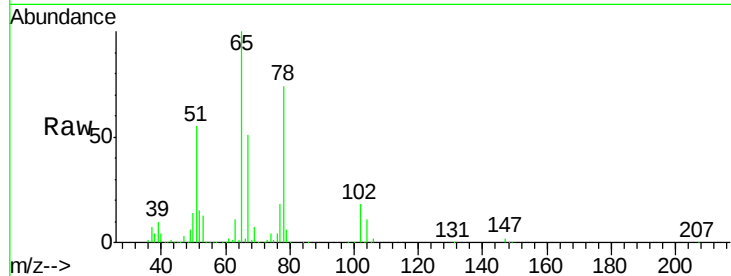
#33
 1,2-Dichloroethane-d4
 Concen: 56.759 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157190		
67	51.2	0.0	102.6	

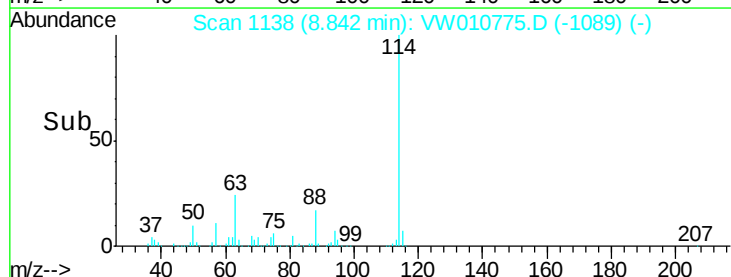
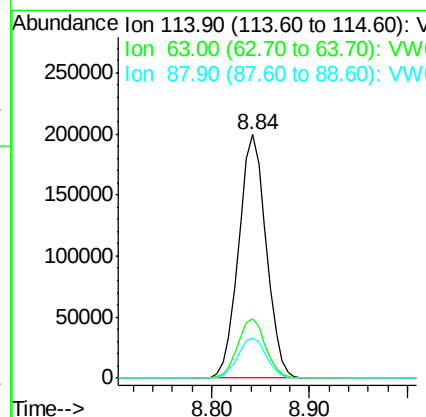
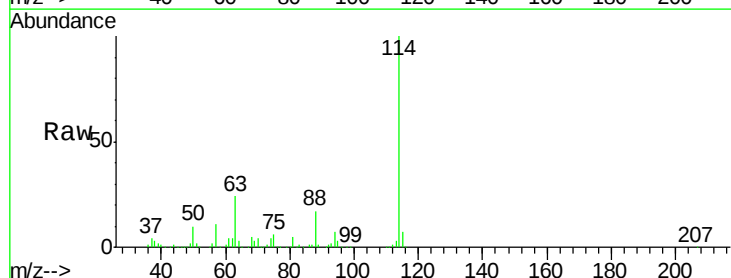
Manual Integrations
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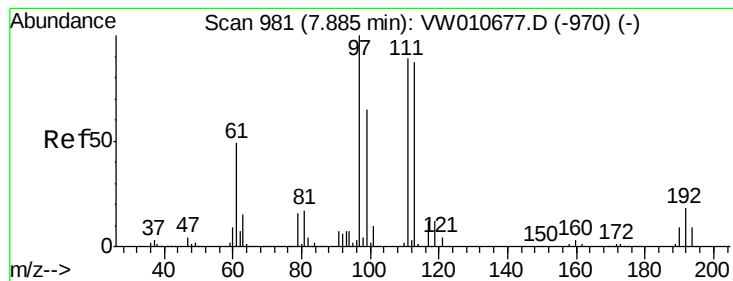
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	389224		
63	24.1	0.0	46.4	
88	16.7	0.0	32.2	





#35

Dibromofluoromethane

Concen: 56.927 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

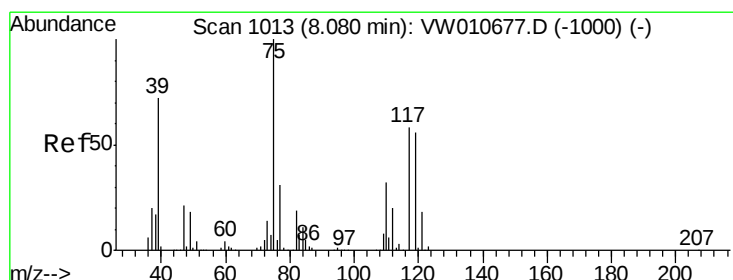
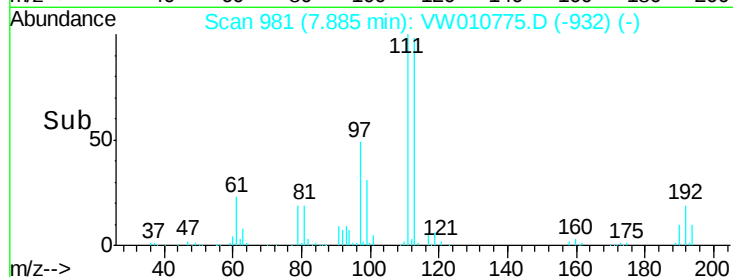
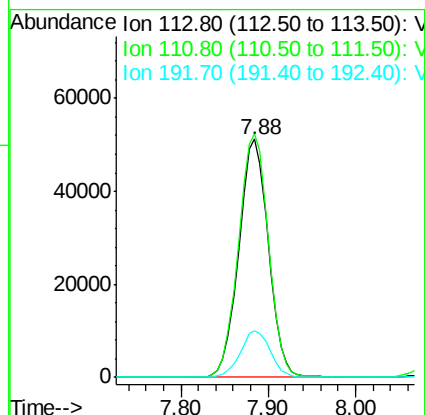
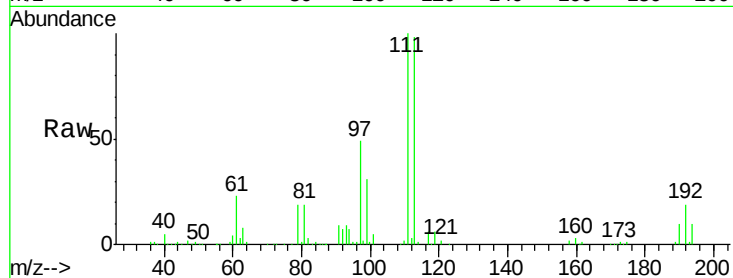
ClientSampleId :

VW0612SBSD01

Tot Ion:	113	Resp:	120265
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	123.8
192	19.7	16.4	24.6

Manual Integrations
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MMDadoda
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#36

1,1-Dichloropropene

Concen: 21.833 ug/l

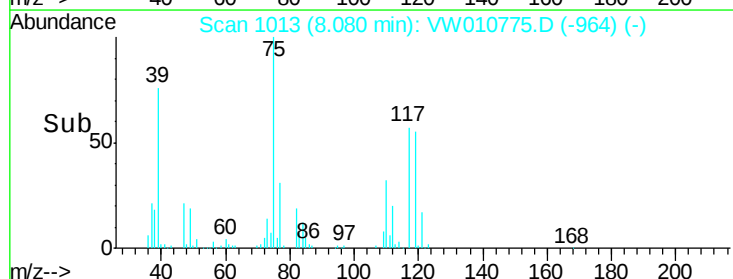
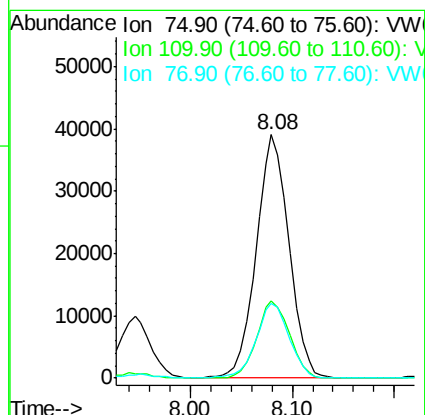
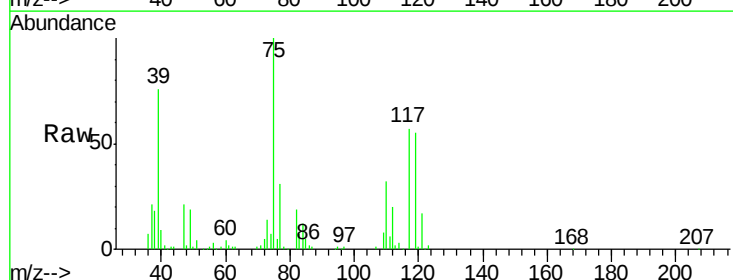
RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion:	75	Resp:	86985
Ion Ratio	Lower	Upper	
75	100		
110	31.9	15.8	47.3
77	31.4	24.7	37.1





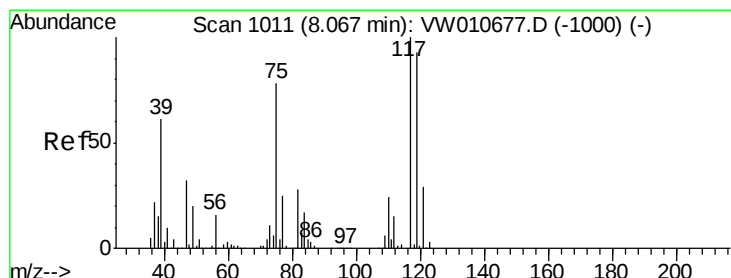
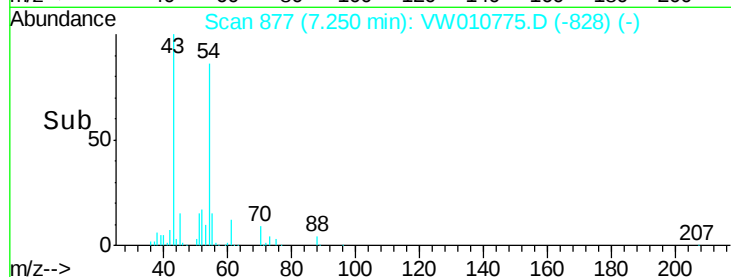
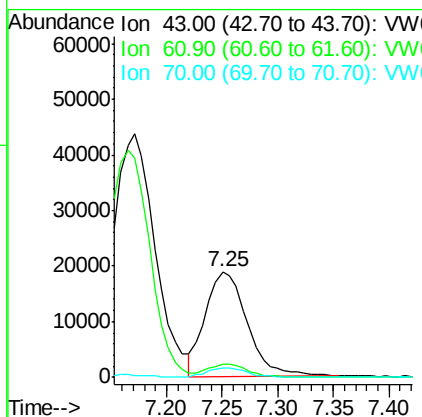
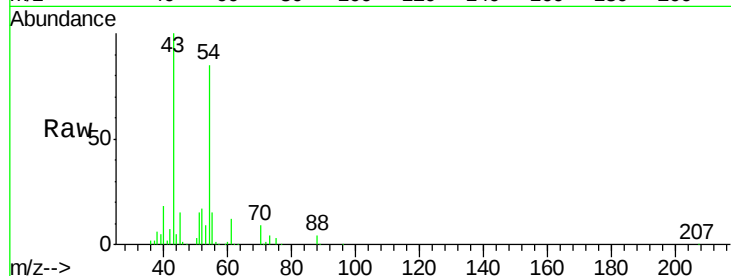
#37
Ethyl Acetate
Concen: 22.253 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.7	14.5
70	8.8	7.2	10.8

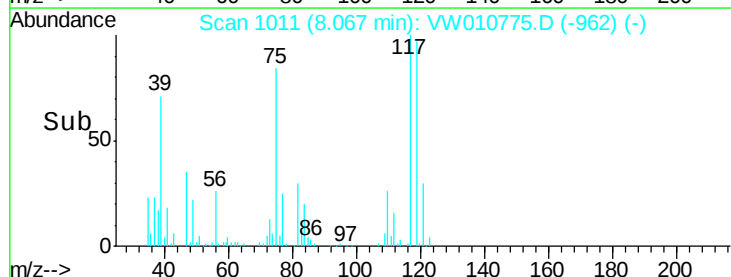
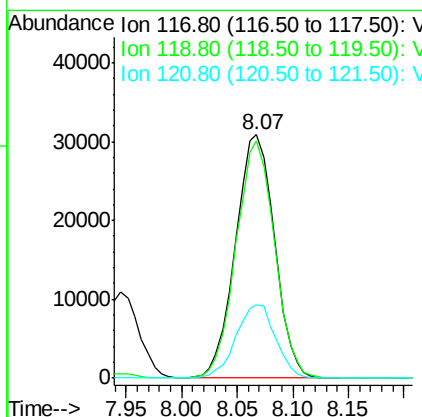
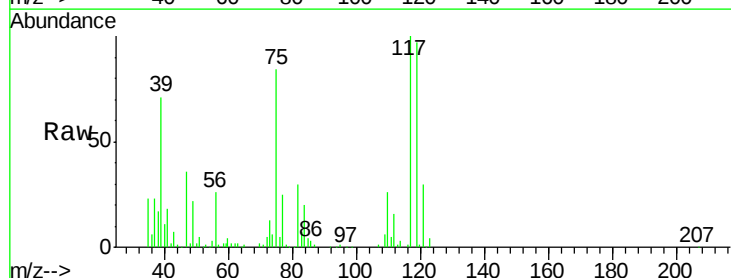
Manual Integrations
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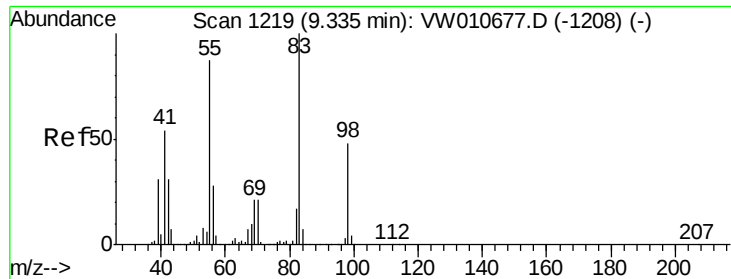
MMDadoda
6/13/2019 11:32:02 AM



#38
Carbon Tetrachloride
Concen: 21.966 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.2	111.4
121	30.0	22.9	34.3





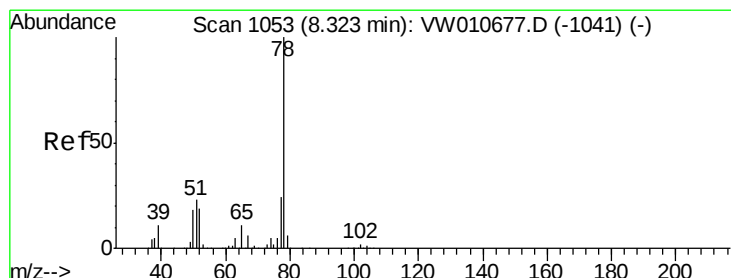
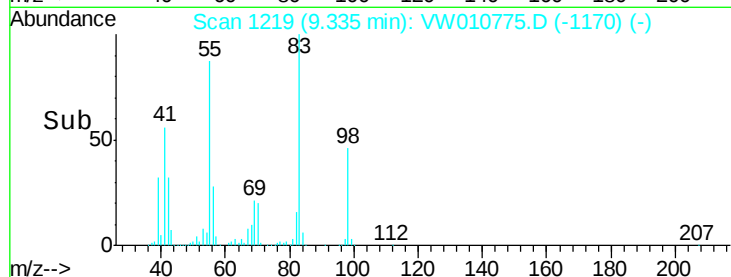
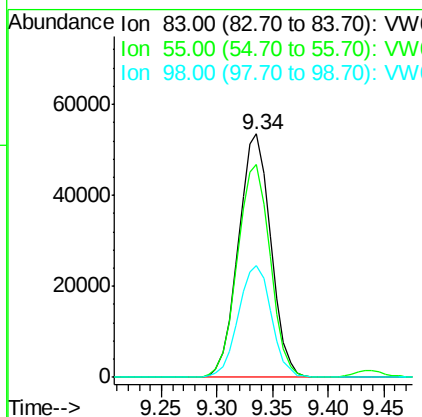
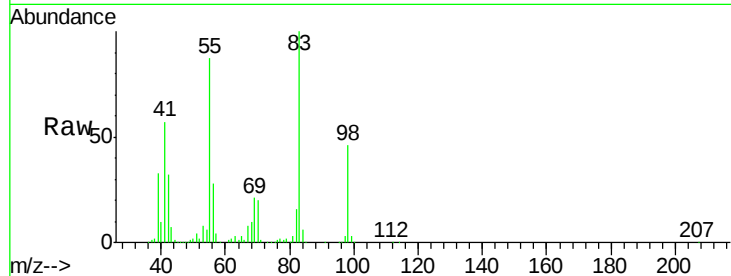
#39
Methvlcvclohexane
Concen: 21.335 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.3	70.0	105.0
98	46.2	38.1	57.1

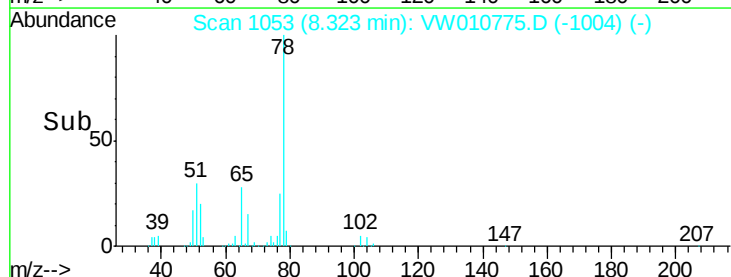
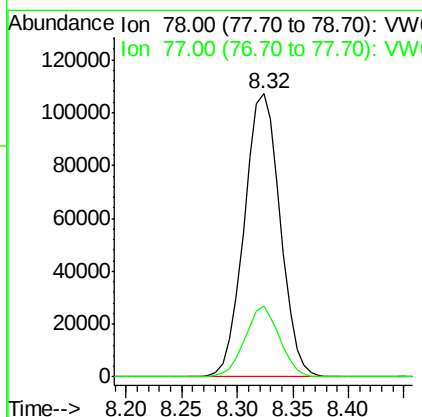
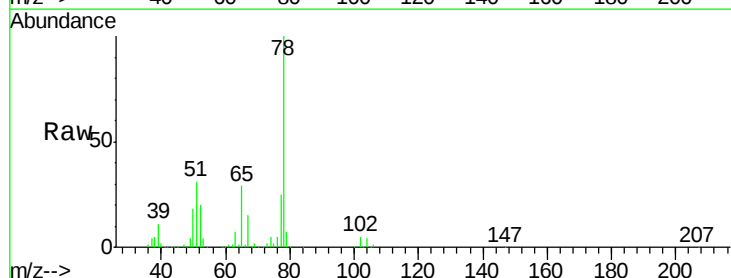
Manual Integrations
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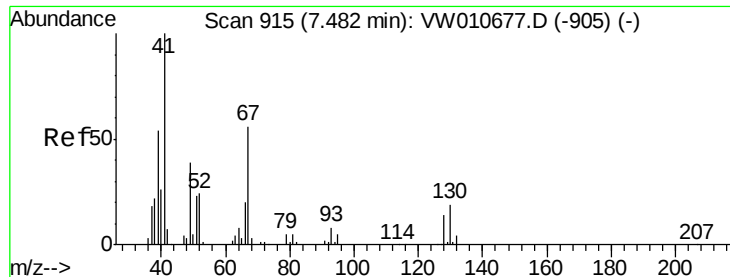
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#40
Benzene
Concen: 22.181 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.1	28.7





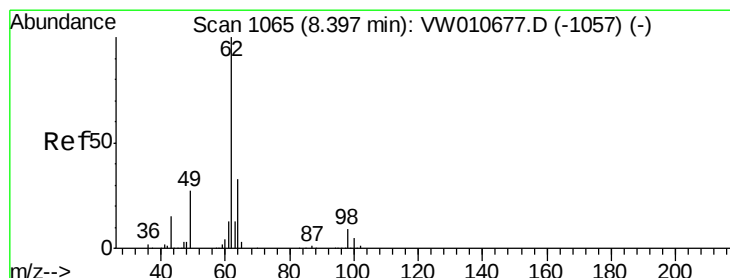
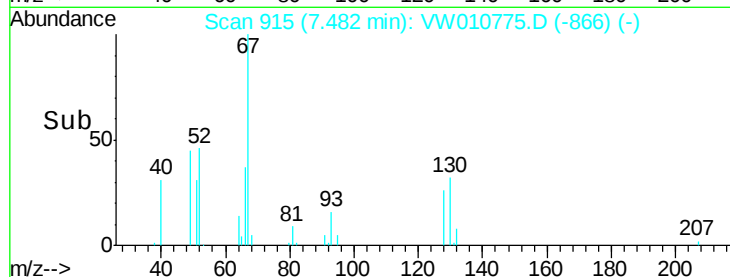
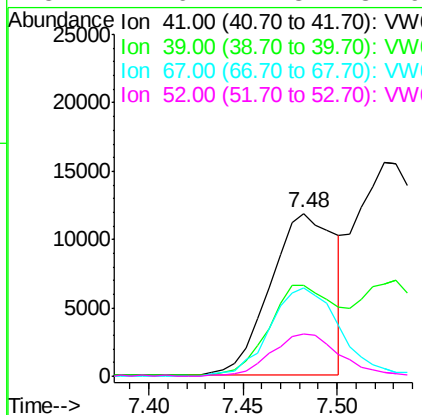
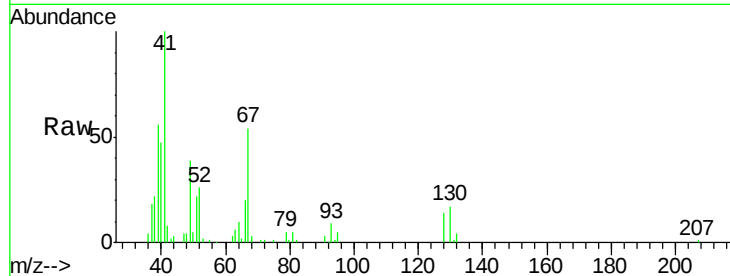
#41
Methacrylonitrile
Concen: 21.646 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		28406		
39	61.0	47.3	70.9		
67	59.1	47.2	70.8		
52	27.6	21.3	31.9		

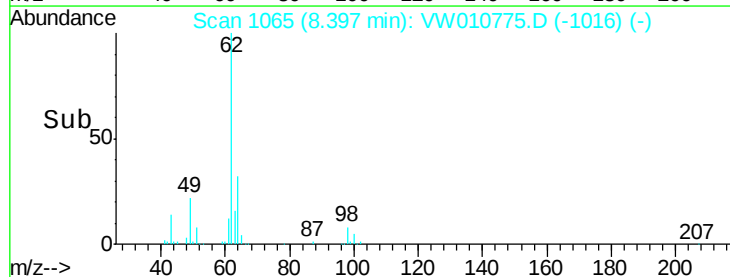
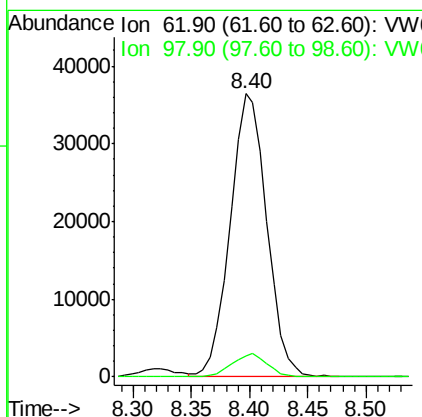
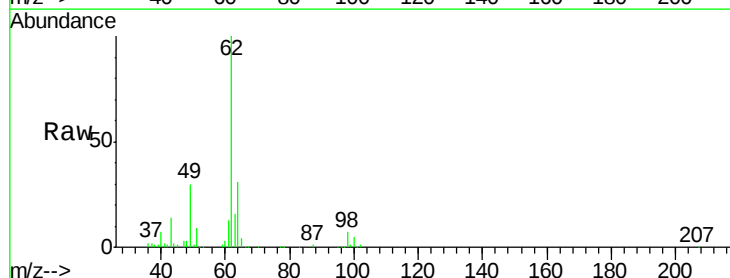
Manual Integrations
APPROVED

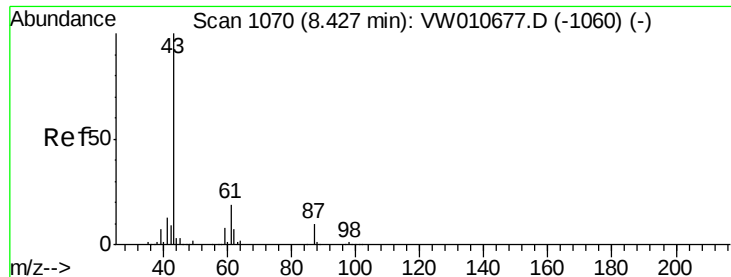
MMDadoda
6/13/2019 11:32:02 AM



#42
1,2-Dichloroethane
Concen: 23.104 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		79701		
98	8.1	0.0	17.2		





#43

Isopropyl Acetate

Concen: 22.430 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

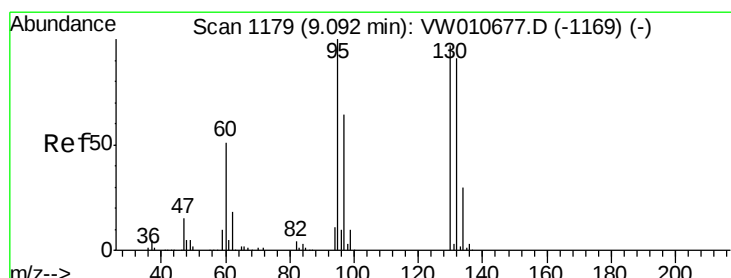
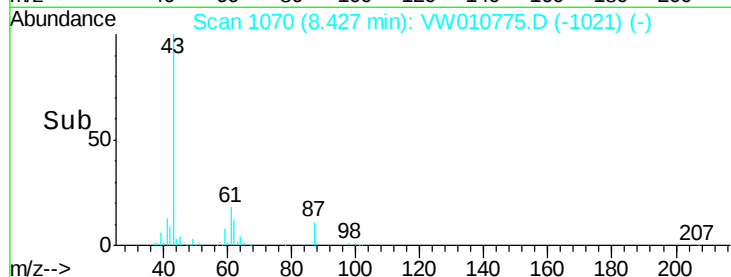
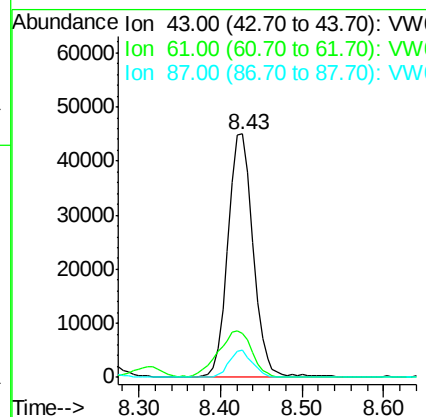
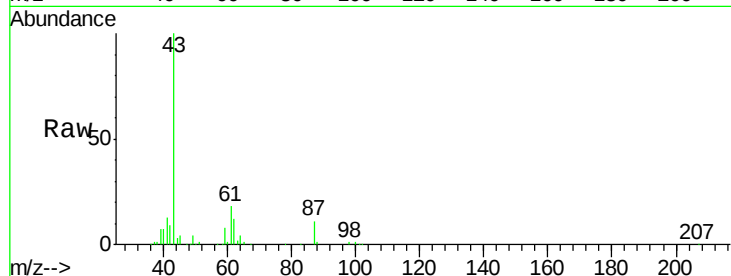
ClientSampleId :

VW0612SBS01

Tot Ion:	43	Resp:	95671
Ion	Ratio	Lower	Upper
43	100		
61	25.6	21.2	31.8
87	10.4	8.3	12.5

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#44

Trichloroethene

Concen: 22.038 ug/l

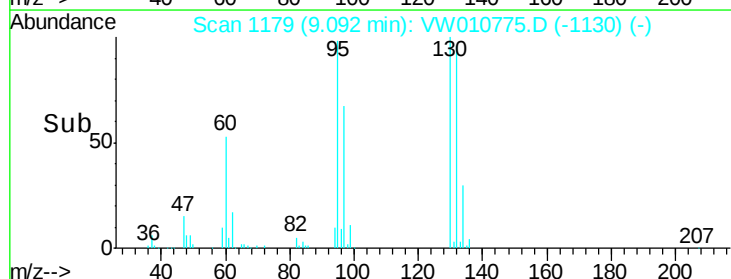
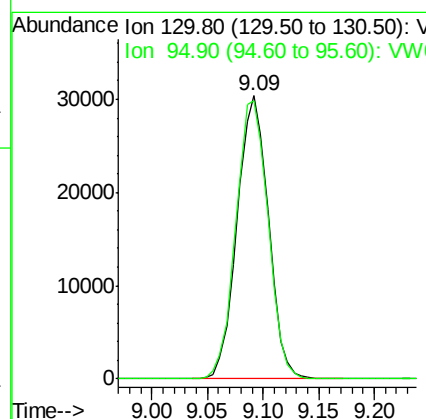
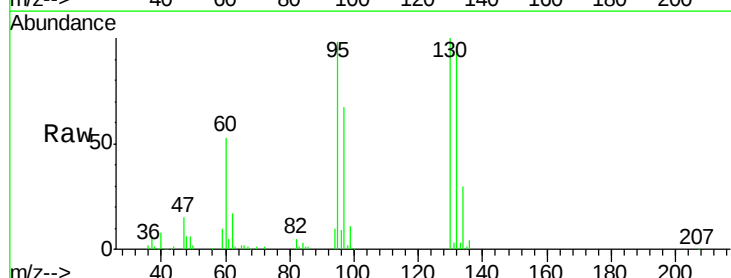
RT: 9.09 min Scan# 1179

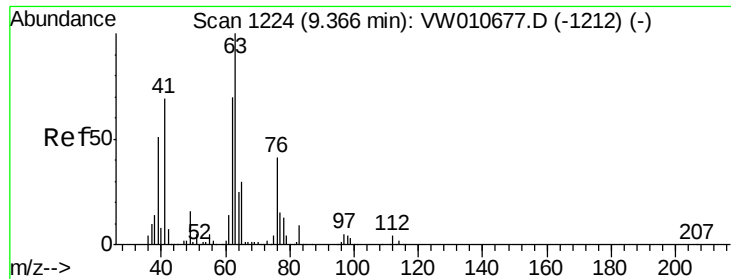
Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion:	130	Resp:	59086
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	207.0





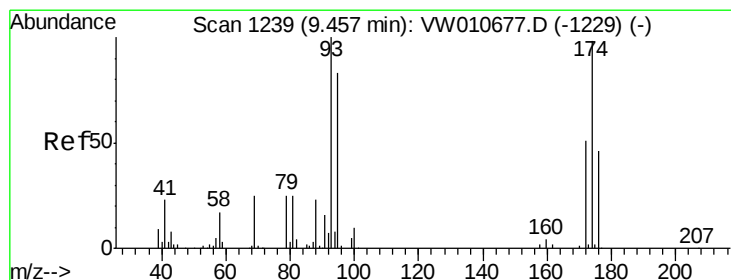
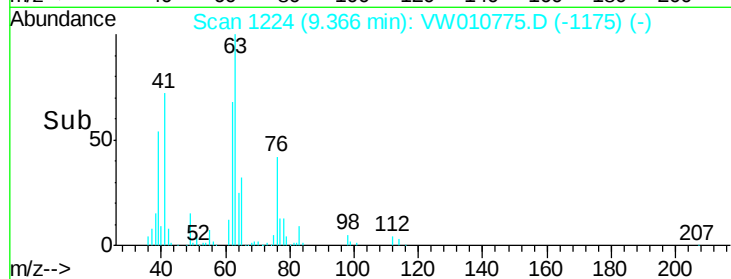
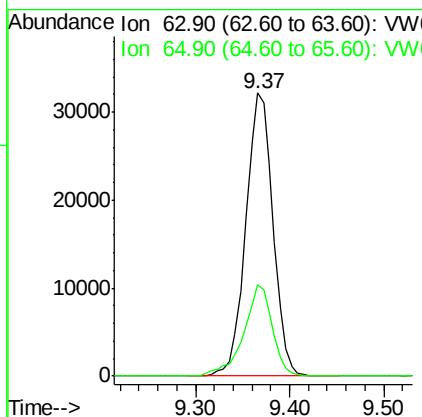
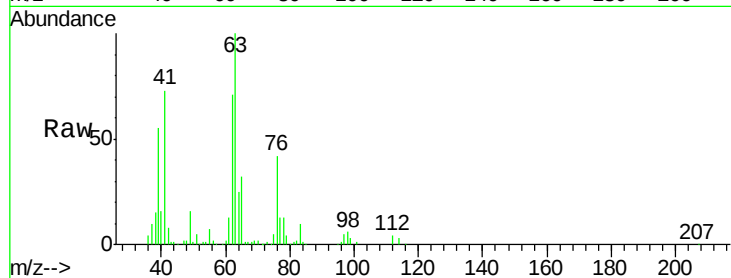
#45
 1,2-Dichloropropane
 Concen: 22.627 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.8	35.6

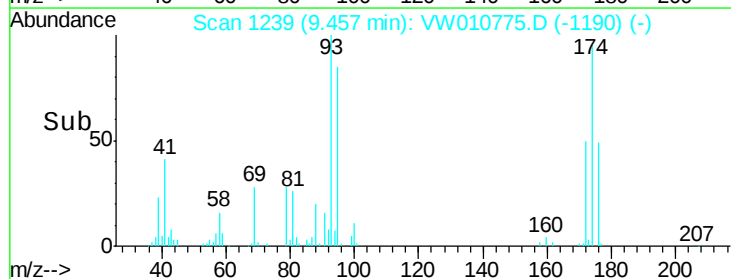
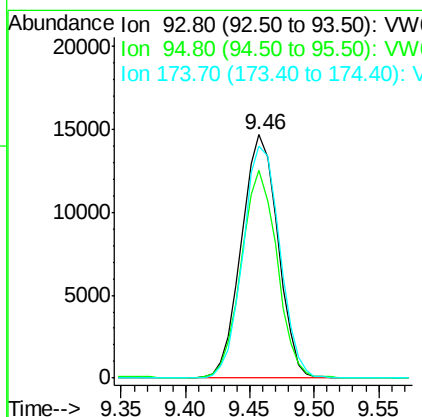
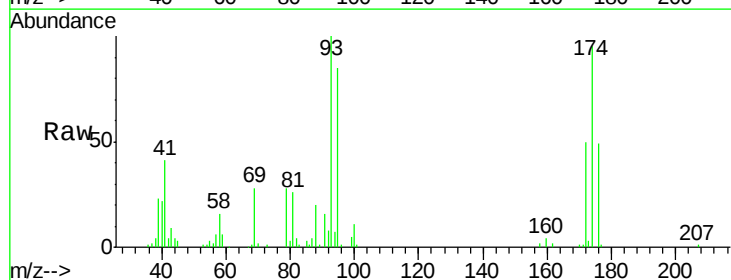
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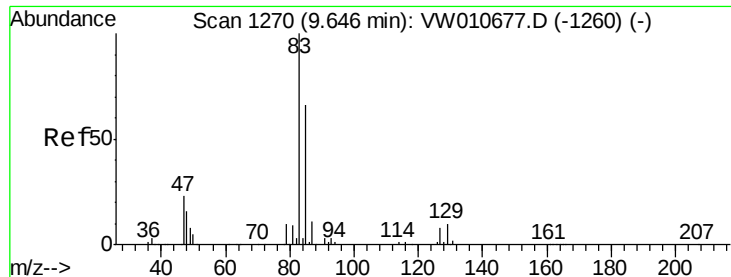
MMDadoda
 6/13/2019 11:32:02 AM



#46
 Dibromomethane
 Concen: 21.555 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.8	98.8
174	96.5	77.4	116.0





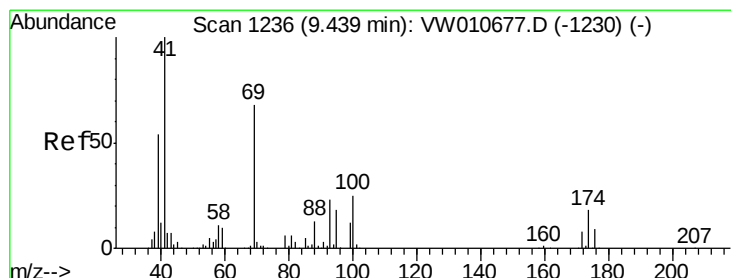
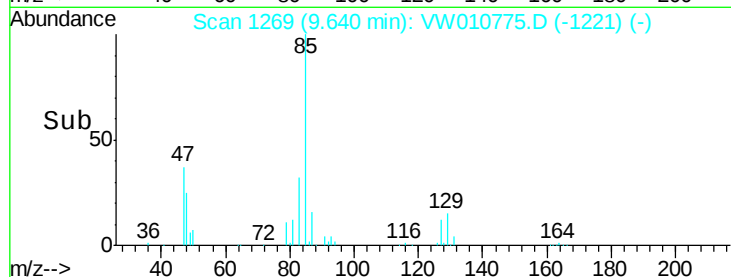
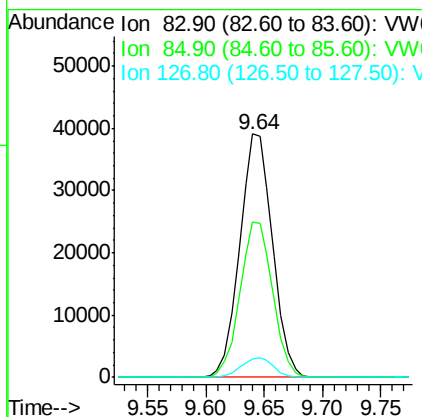
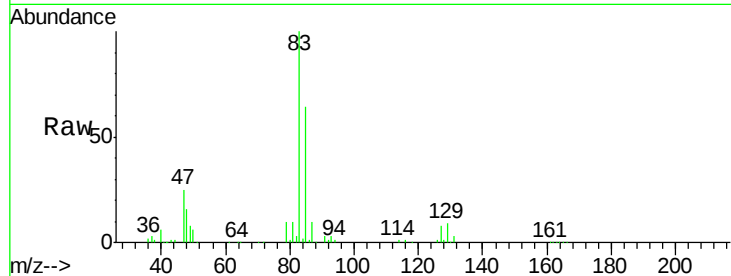
#47
Bromodichloromethane
Concen: 22.090 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	76523		
85	64.0	53.0	79.4	
127	7.6	6.4	9.6	

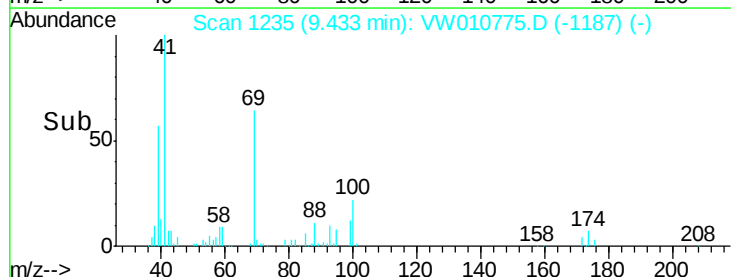
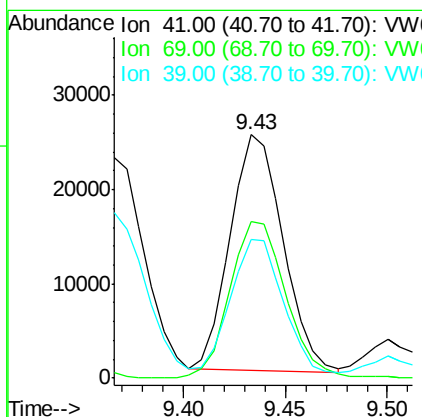
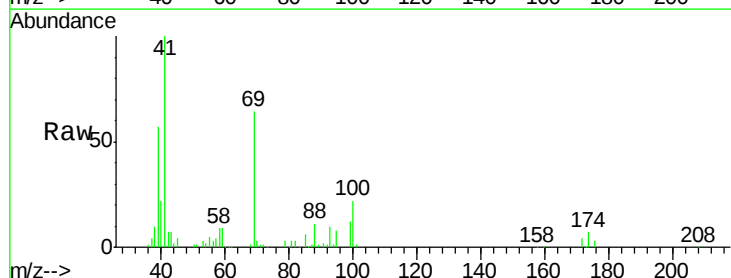
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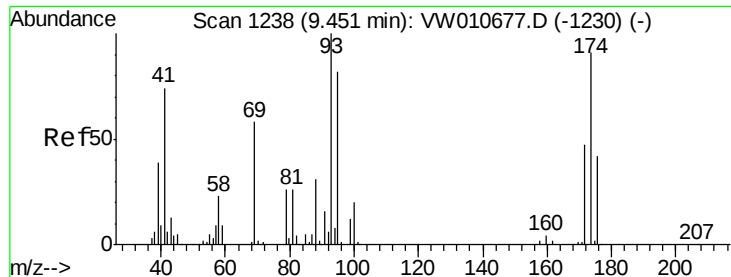
MMDadoda
6/13/2019 11:32:02 AM



#48
Methyl methacrylate
Concen: 21.959 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	45159		
69	70.9	56.6	85.0	
39	55.4	44.4	66.6	





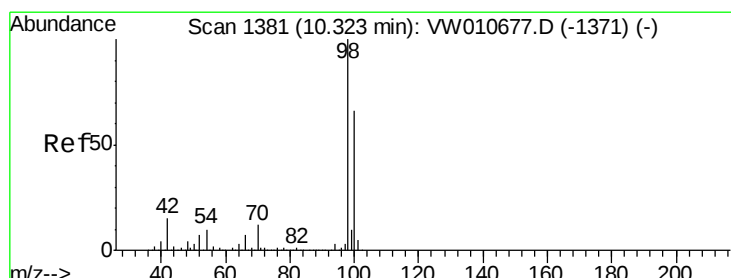
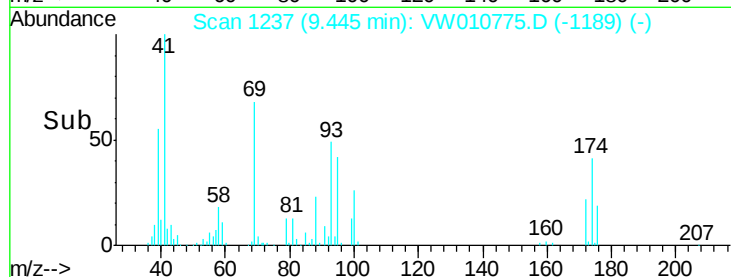
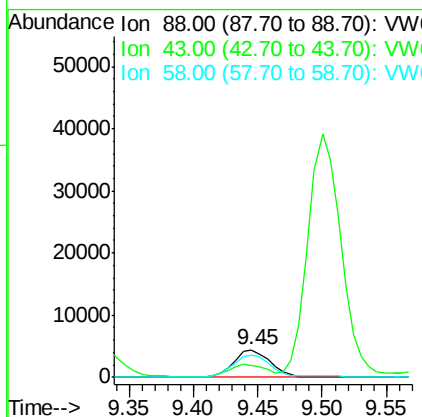
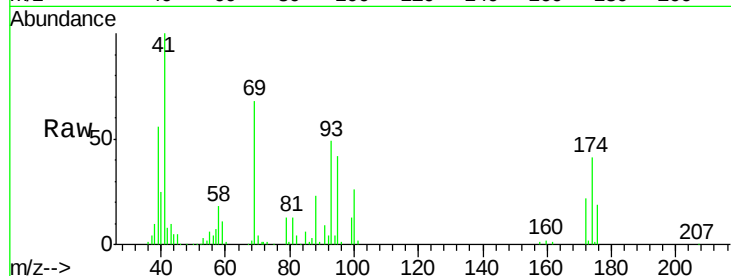
#49
1,4-Dioxane
Concen: 425.108 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	88	Resp	8882
Ion Ratio	Lower	Upper	
88	100		
43	45.0	34.2	51.4
58	83.5	69.0	103.4

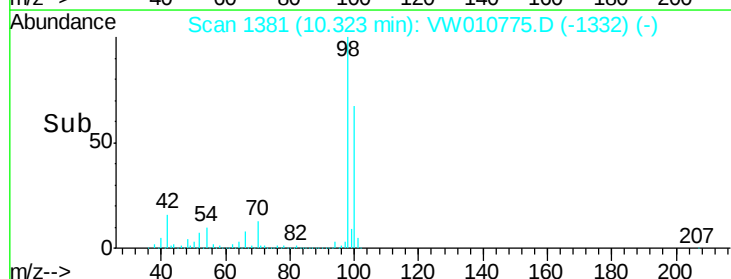
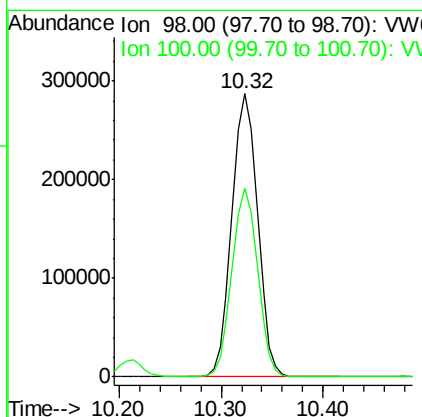
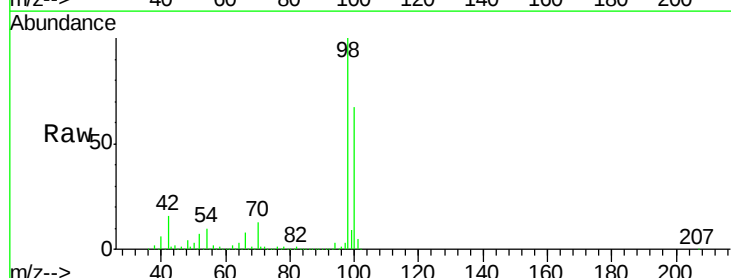
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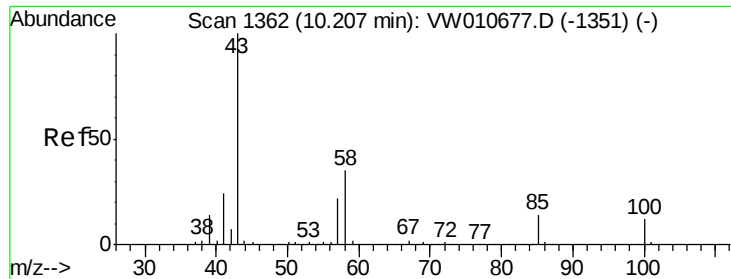
MMDadoda
6/13/2019 11:32:02 AM



#50
Toluene-d8
Concen: 54.222 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	98	Resp	502319
Ion Ratio	Lower	Upper	
98	100		
100	66.3	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 112.672 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 43 Resp: 245515

Ion Ratio Lower Upper

43 100

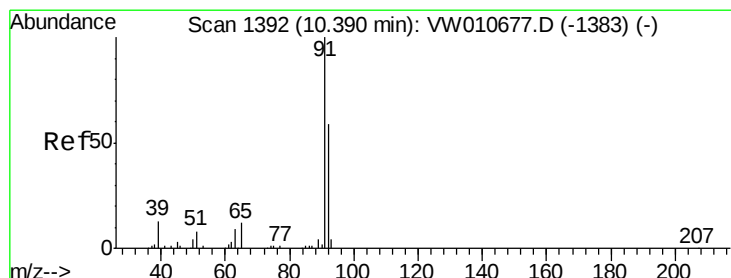
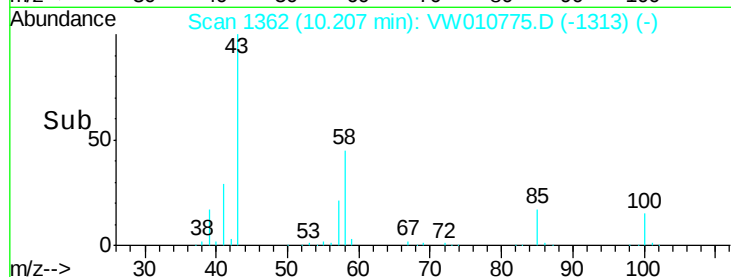
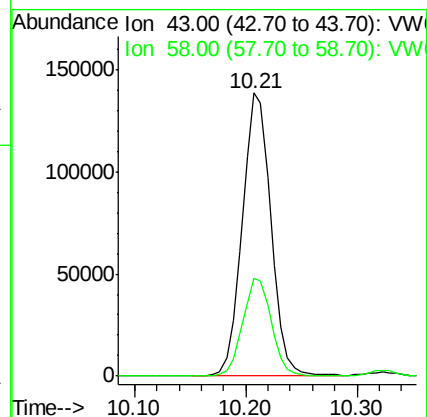
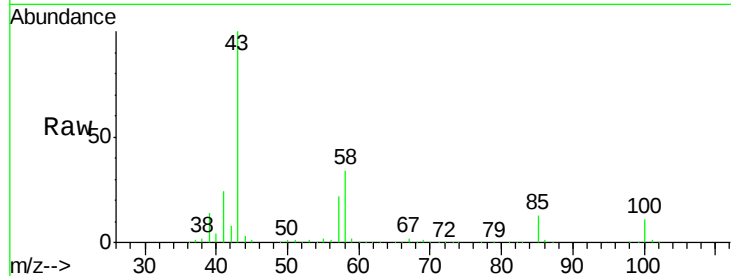
58 34.9 28.4 42.6

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#52

Toluene

Concen: 22.038 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010775.D

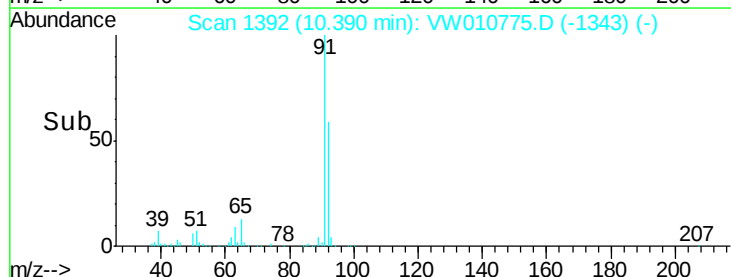
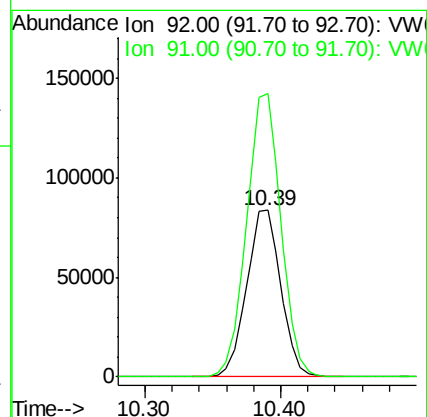
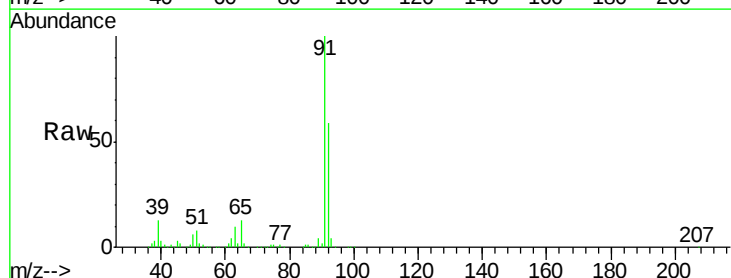
Acq: 12 Jun 2019 13:51

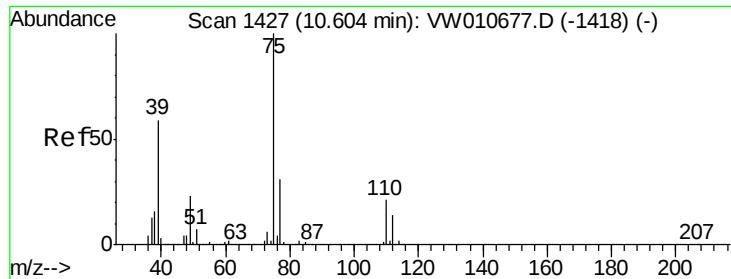
Tgt Ion: 92 Resp: 147381

Ion Ratio Lower Upper

92 100

91 170.9 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 22.047 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion: 75 Resp: 80893

Ion Ratio Lower Upper

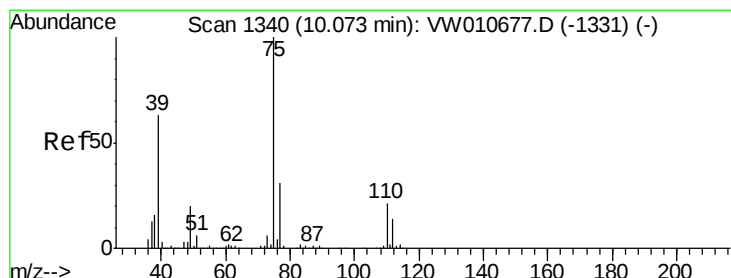
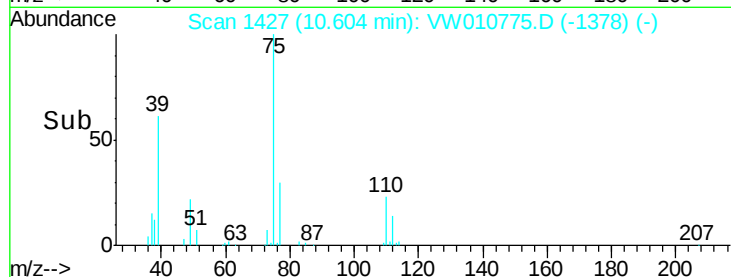
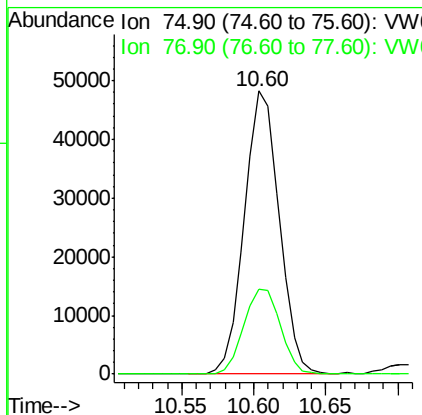
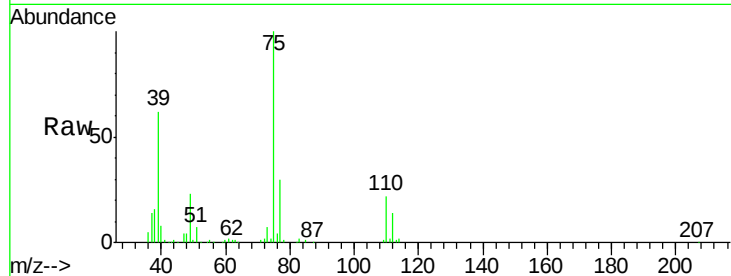
75 100

77 29.9 24.6 36.8

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#54

cis-1,3-Dichloropropene

Concen: 22.363 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

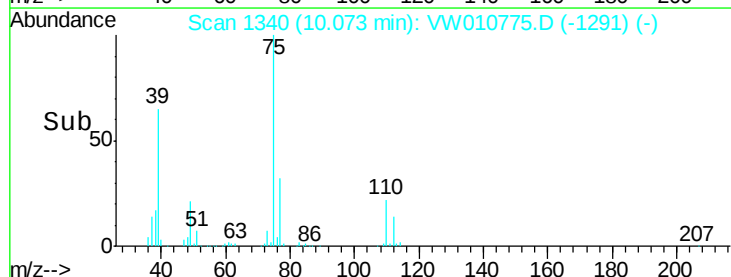
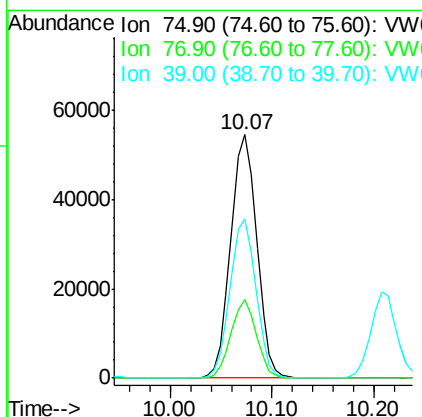
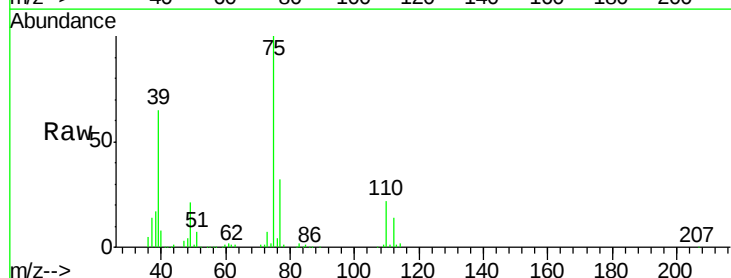
Tgt Ion: 75 Resp: 96555

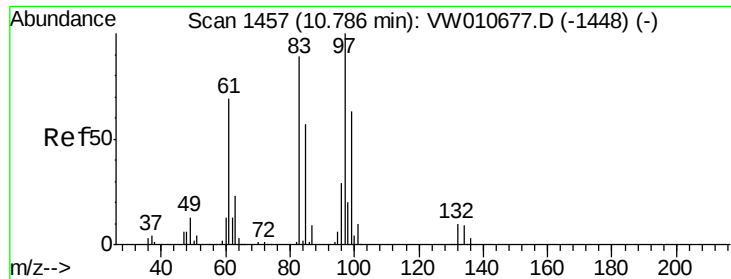
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 65.0 50.1 75.1





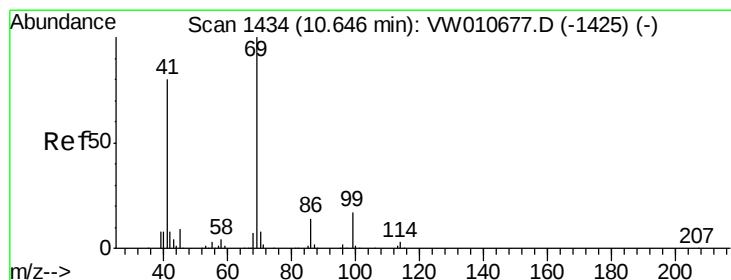
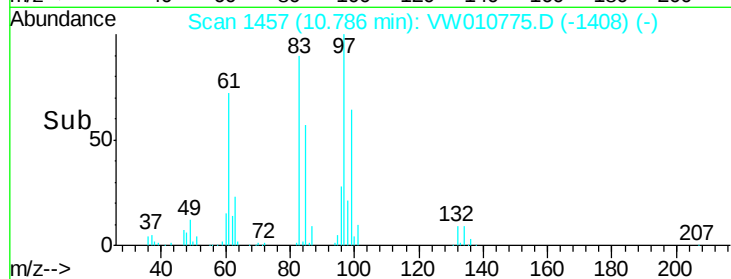
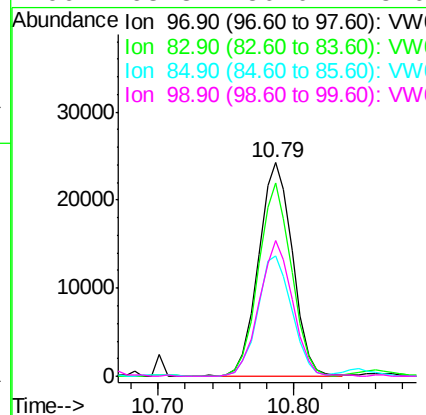
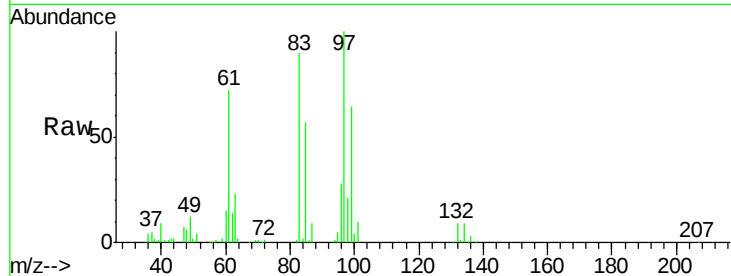
#55
 1,1,2-Trichloroethane
 Concen: 22.078 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion:	97	Resp:	42504
Ion	Ratio	Lower	Upper
97	100		
83	90.5	71.1	106.7
85	56.6	45.2	67.8
99	63.8	50.0	75.0

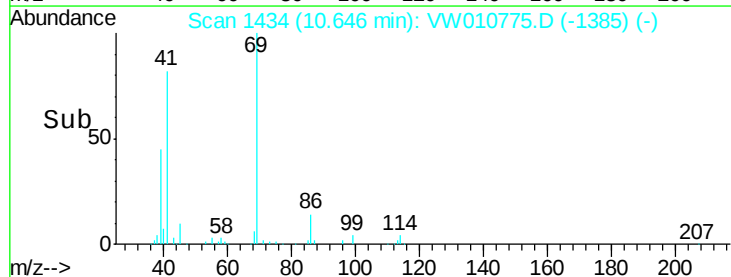
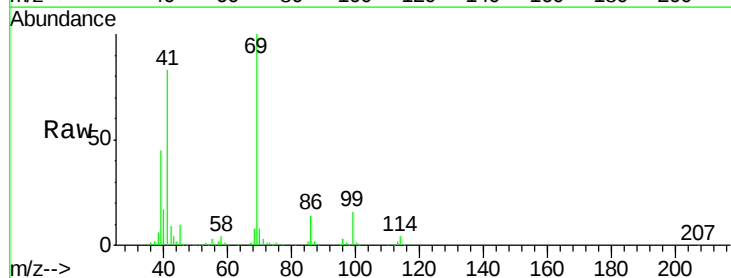
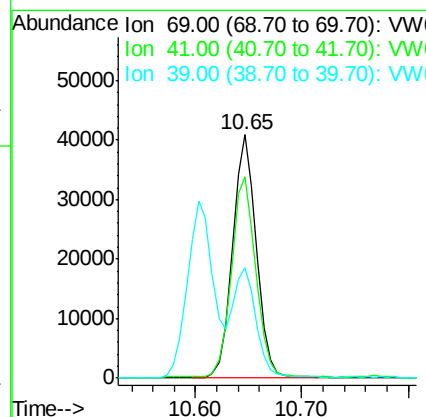
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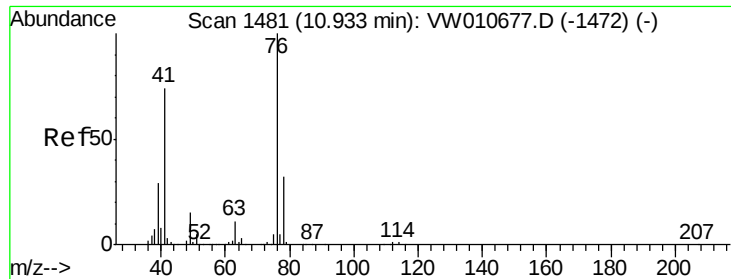
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 6/13/2019 11:32:02 AM



#56
 Ethyl methacrylate
 Concen: 21.739 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion:	69	Resp:	64399
Ion	Ratio	Lower	Upper
69	100		
41	85.1	64.8	97.2
39	43.1	32.2	48.2





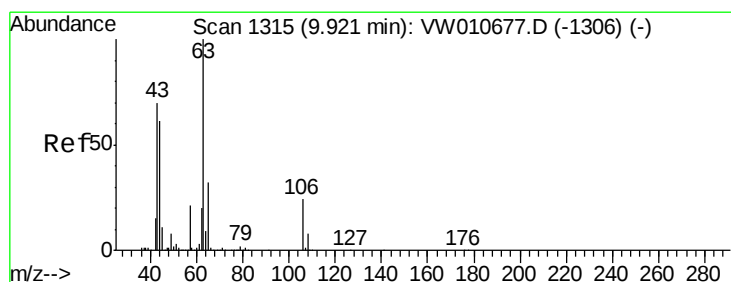
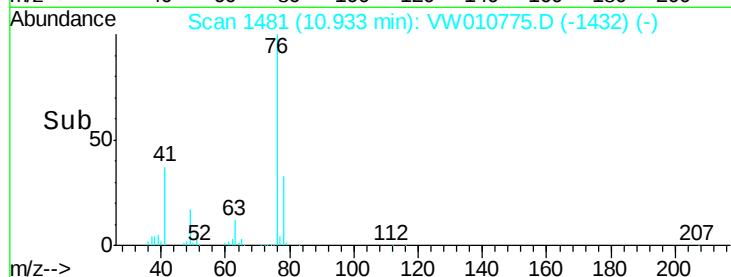
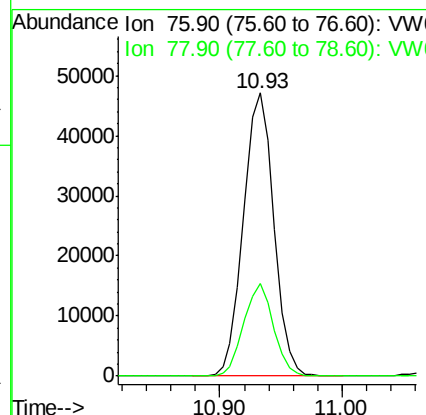
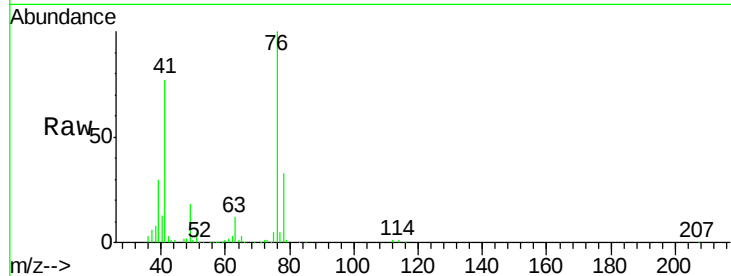
#57
 1,3-Dichloropropane
 Concen: 22.380 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion: 76 Resp: 81197
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5

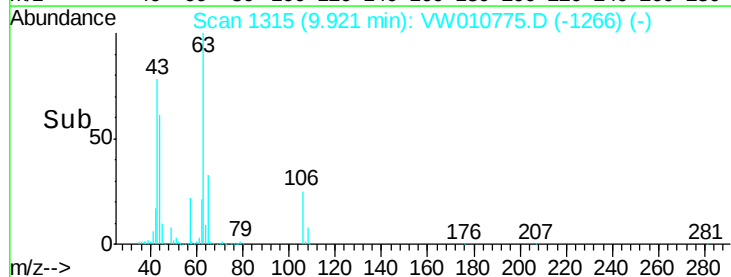
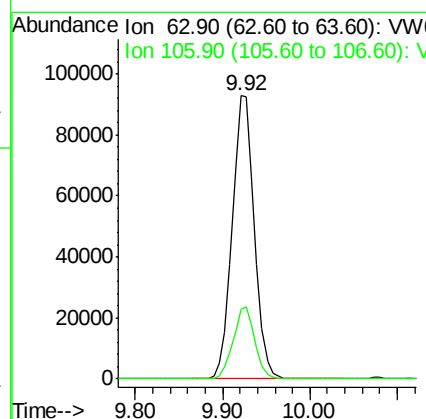
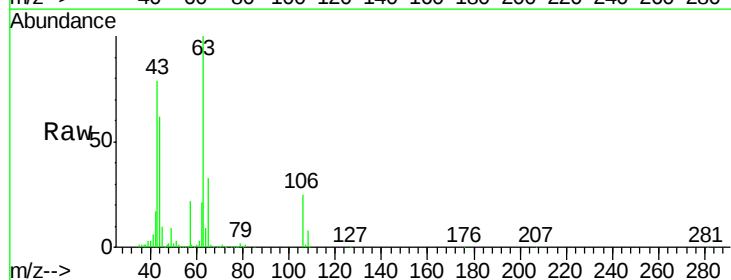
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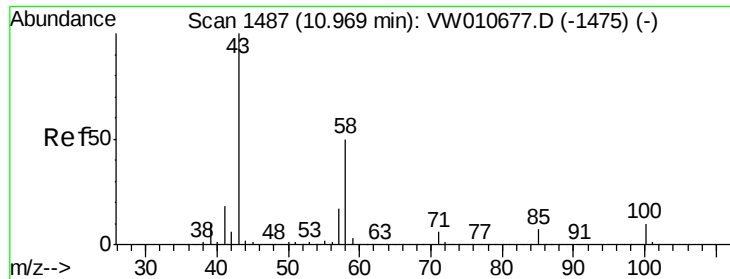
MMDadoda
 6/13/2019 11:32:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.013 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion: 63 Resp: 162939
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.1 30.1





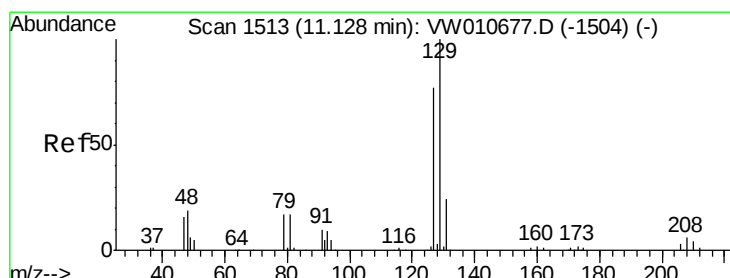
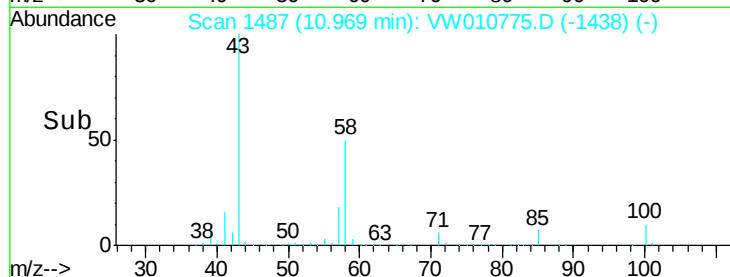
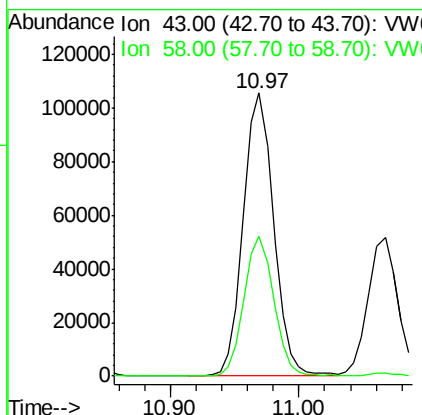
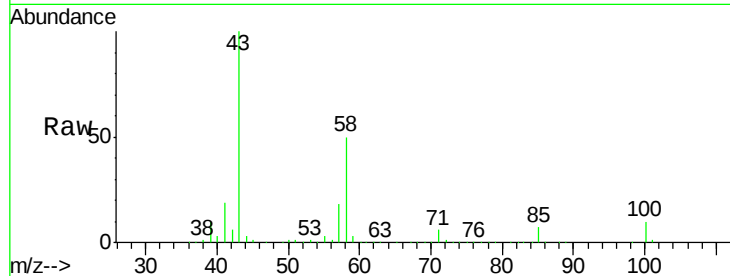
#59
2-Hexanone
Concen: 109.321 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion: 43 Resp: 172161
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6

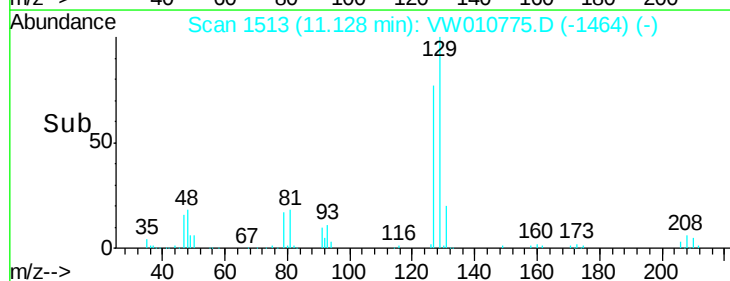
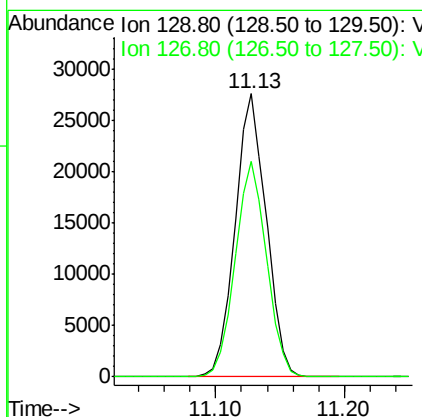
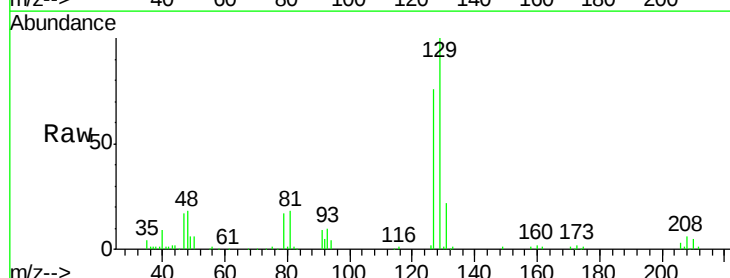
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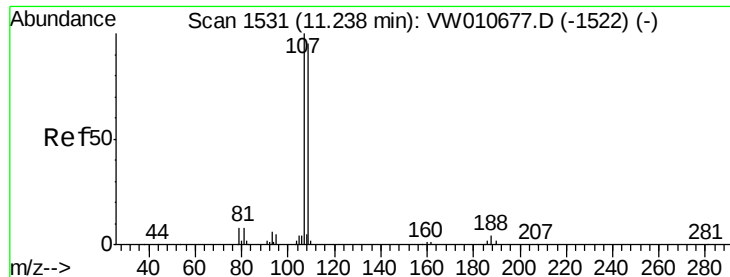
MMDadoda
6/13/2019 11:32:02 AM



#60
Dibromochloromethane
Concen: 21.691 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 129 Resp: 46291
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





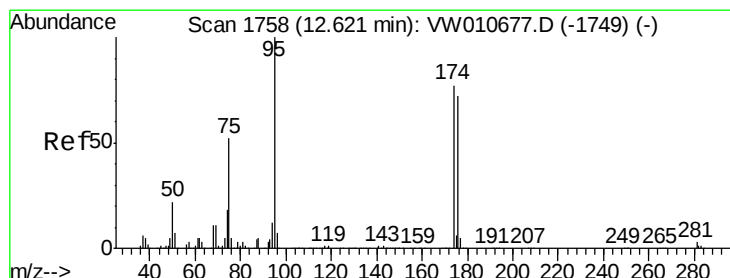
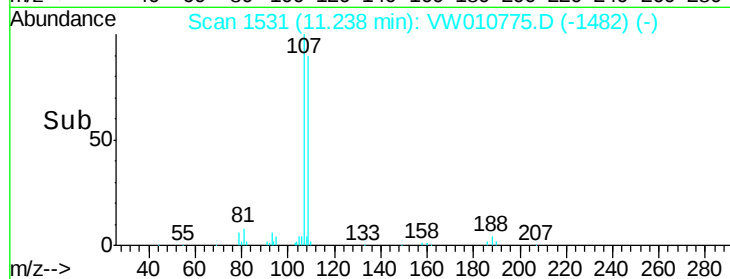
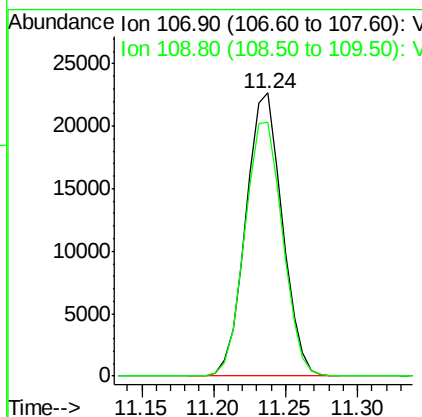
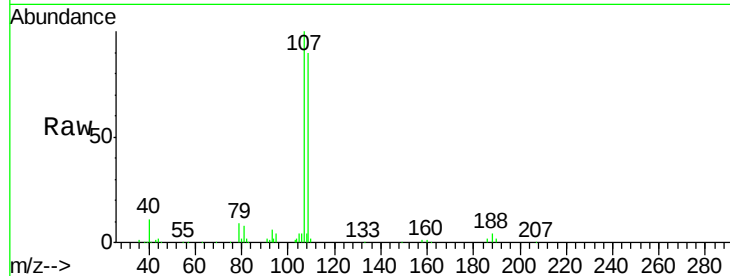
#61
 1,2-Dibromoethane
 Concen: 21.764 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.8	113.8

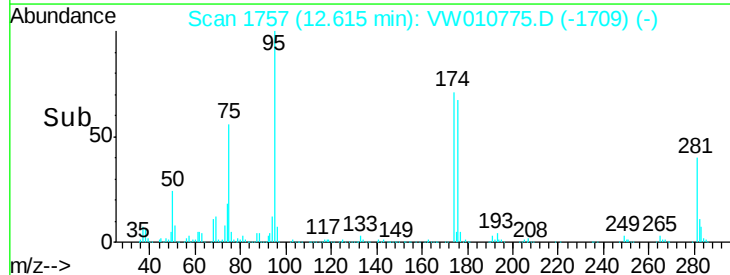
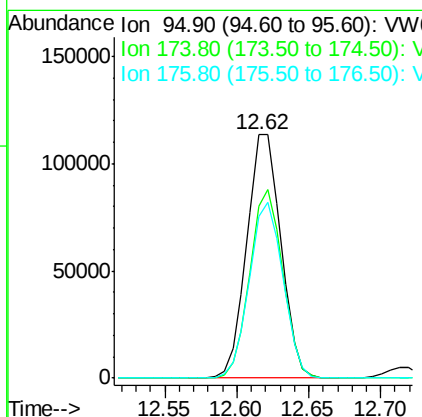
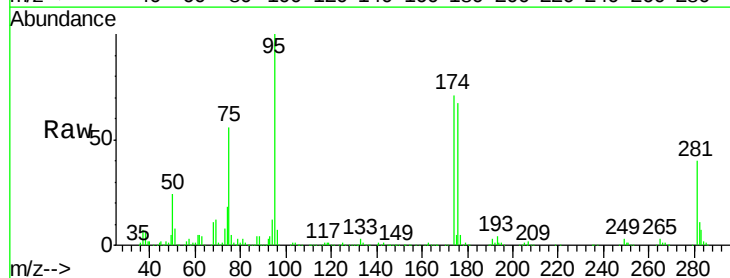
Manual Integrations
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MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 55.245 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	71.1	0.0	144.8





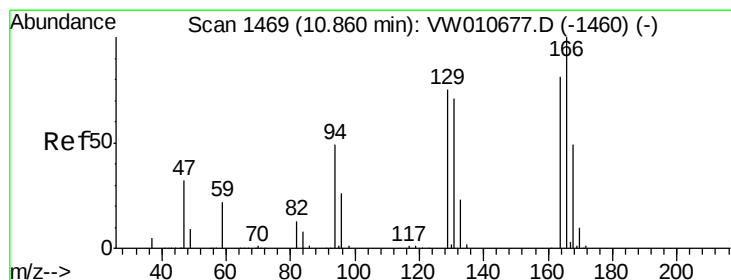
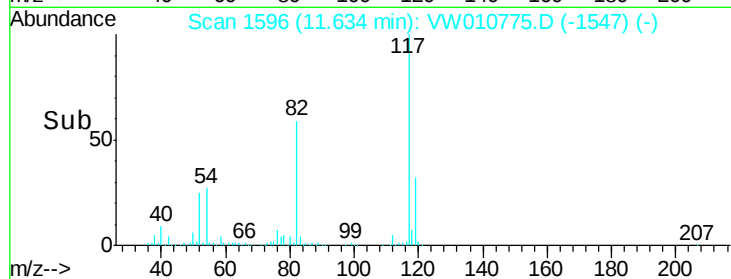
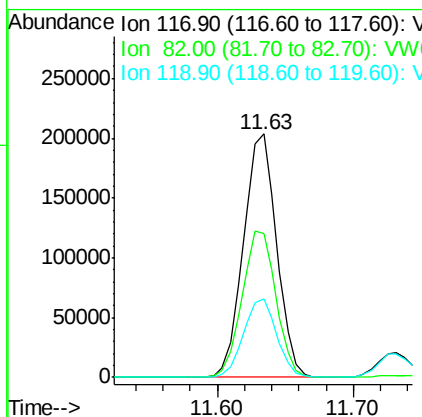
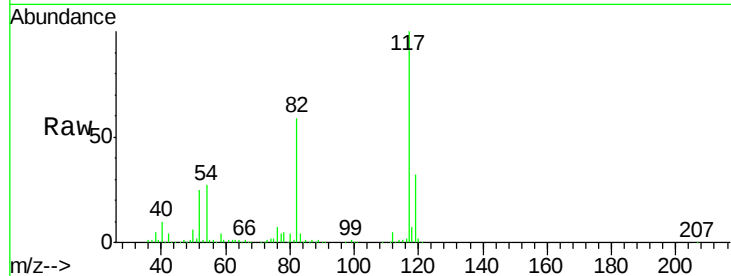
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	347956		
82	58.9	47.0	70.4	
119	32.3	25.1	37.7	

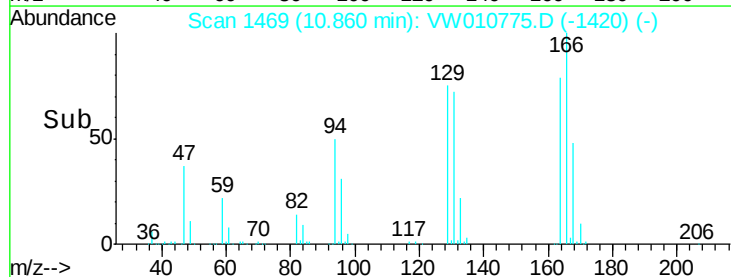
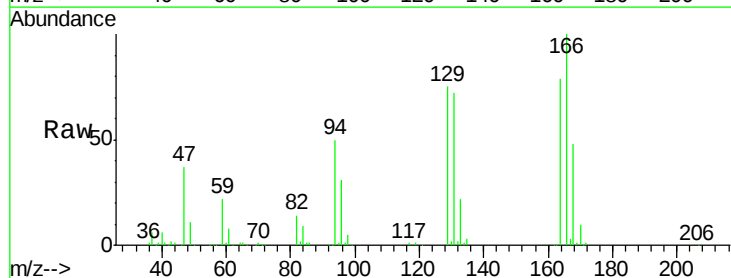
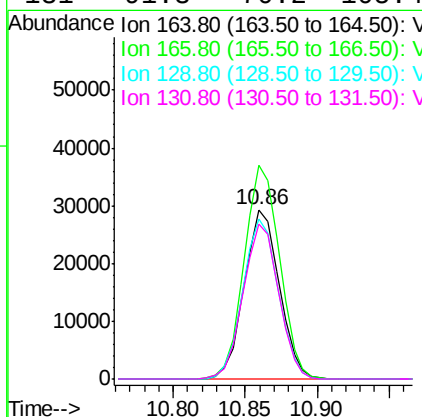
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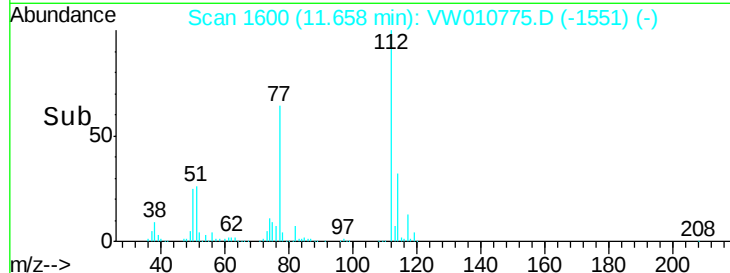
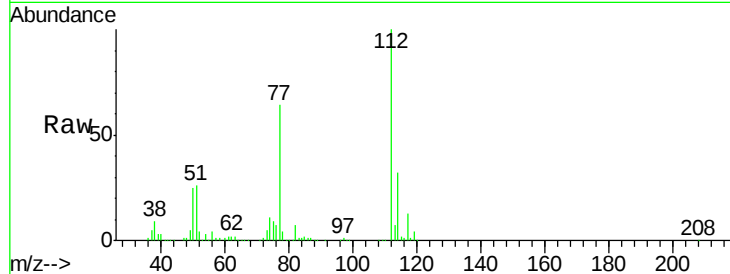
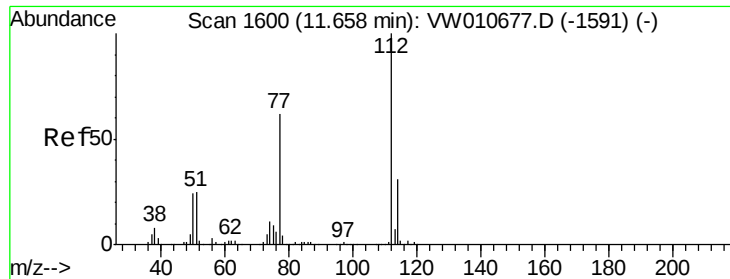
MMDadoda
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#64
Tetrachloroethene
Concen: 21.337 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49294		
166	126.2	99.2	148.8	
129	94.5	74.6	112.0	
131	91.3	70.2	105.4	





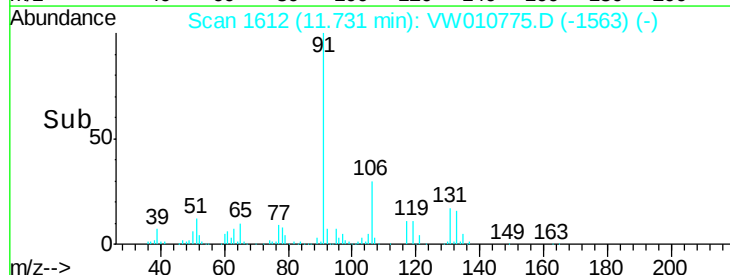
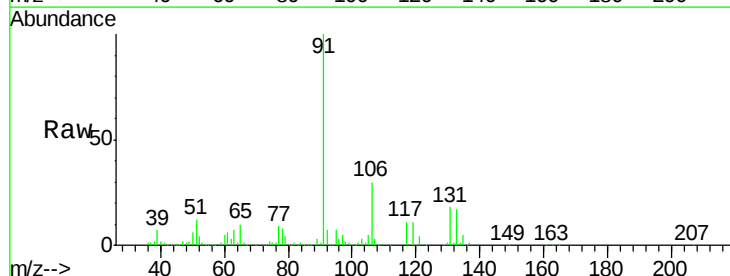
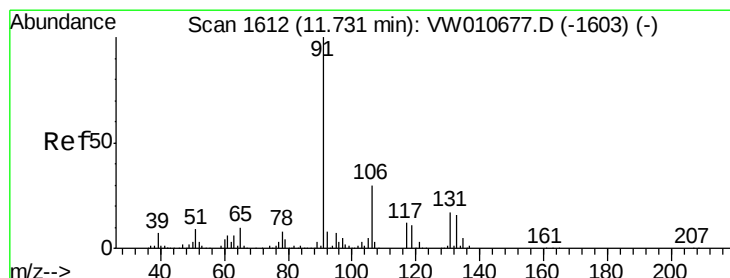
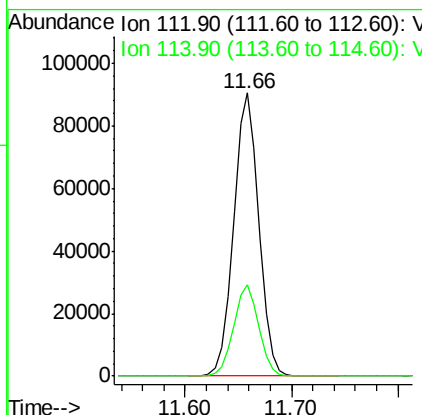
#65
Chlorobenzene
Concen: 21.821 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tot Ion:112 Resp: 149312
Ion Ratio Lower Upper
112 100
114 32.5 24.8 37.2

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

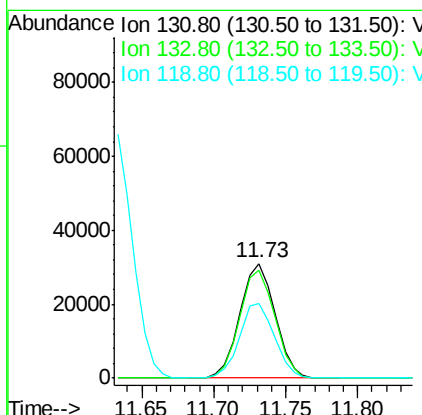
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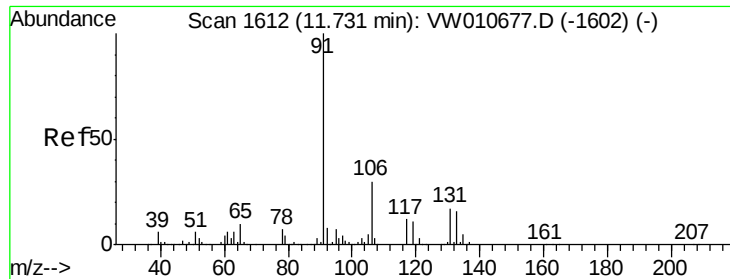
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.156 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion:131 Resp: 52480
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 65.0 32.4 97.0





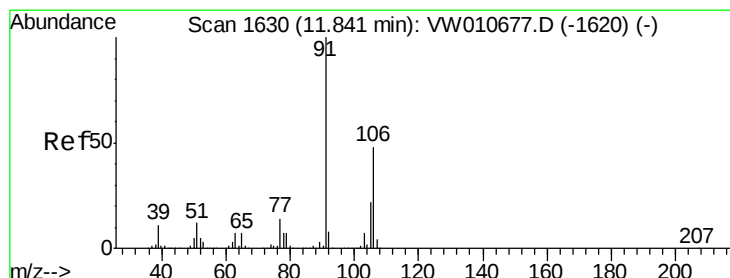
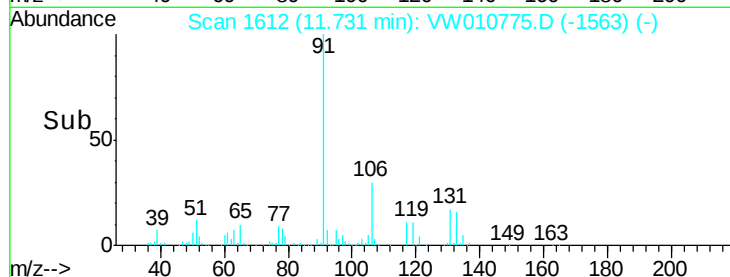
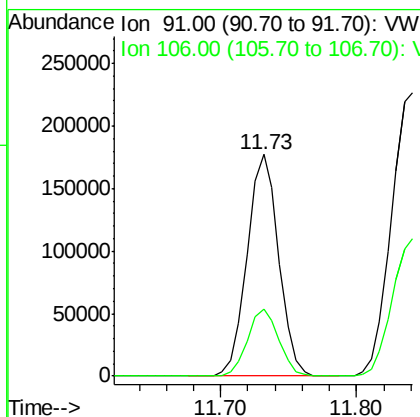
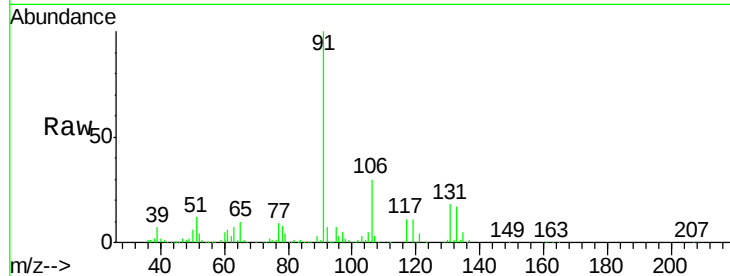
#67
Ethyl Benzene
Concen: 21.926 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBS01

Tot Ion: 91 Resp: 288336
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4

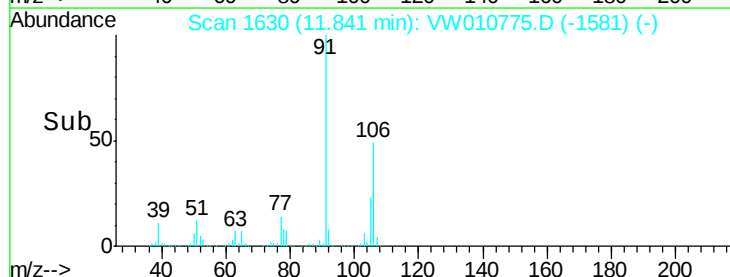
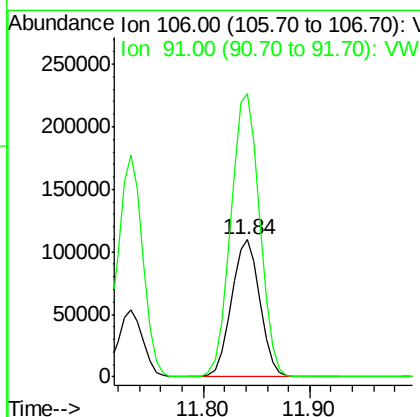
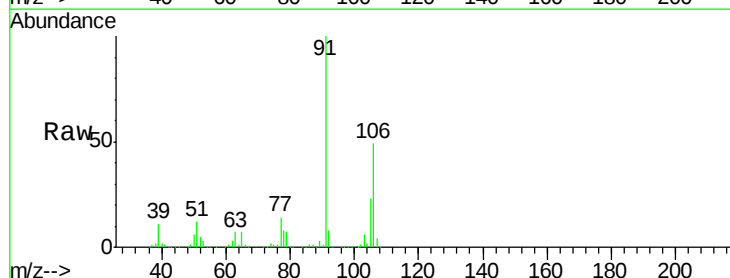
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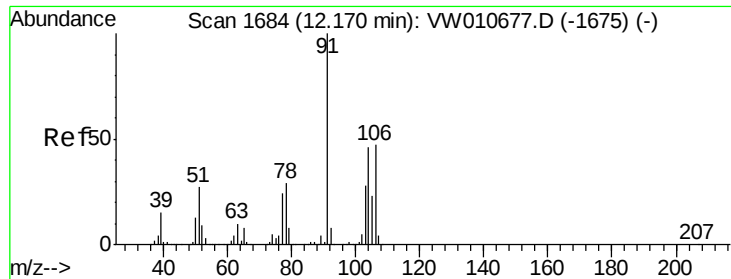
MMDadoda
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#68
m/p-Xylenes
Concen: 43.750 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion: 106 Resp: 205952
Ion Ratio Lower Upper
106 100
91 208.8 166.5 249.7





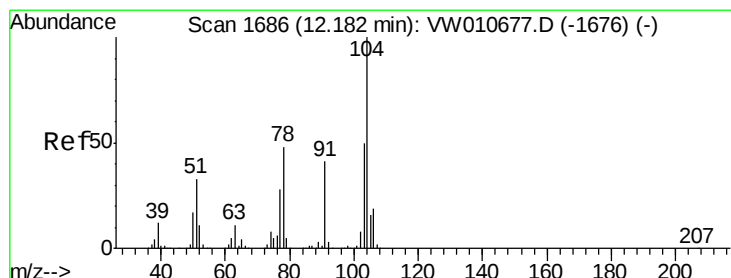
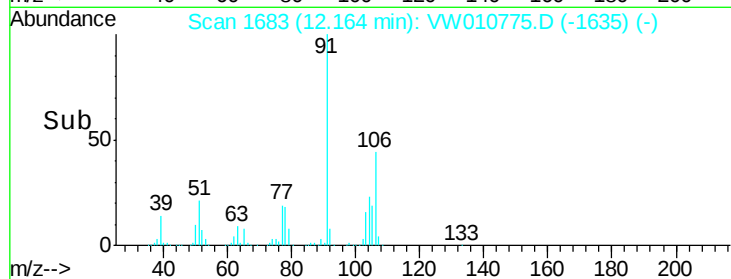
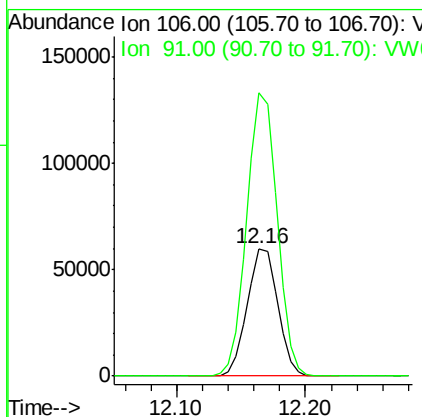
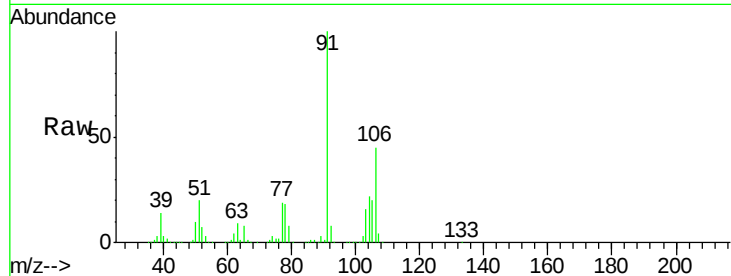
#69
o-Xylene
Concen: 21.892 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		97738		
91	221.8	108.9	326.6		

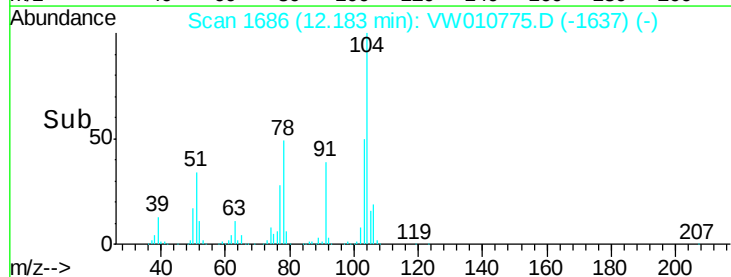
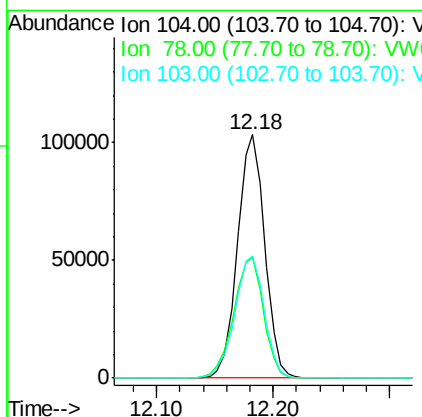
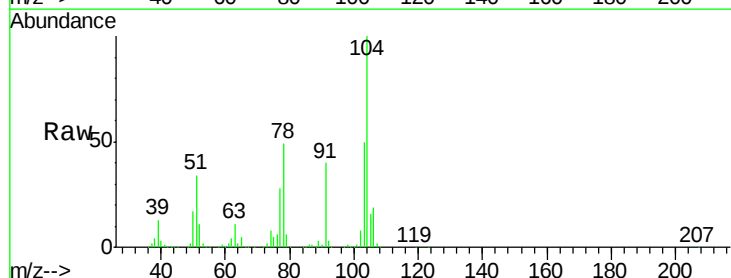
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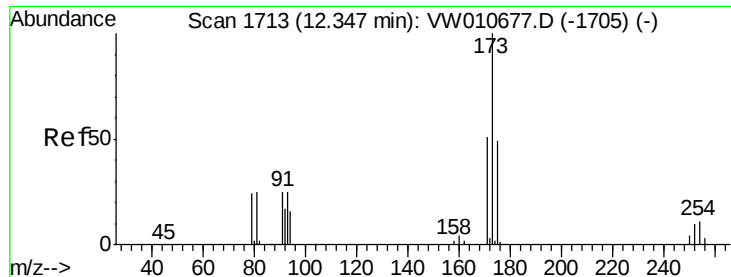
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#70
Styrene
Concen: 21.775 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		168884		
78	54.4	42.7	64.1		
103	54.2	43.6	65.4		





#71

Bromoform

Concen: 20.878 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBS01

Tot Ion:173 Resp: 25576

Ion Ratio Lower Upper

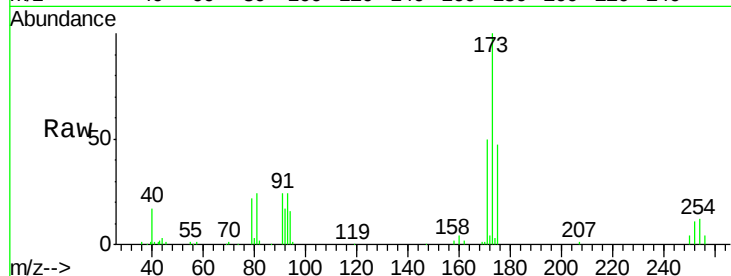
173 100

175 47.6 24.3 72.8

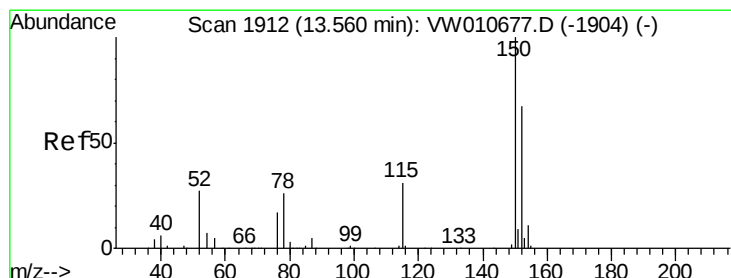
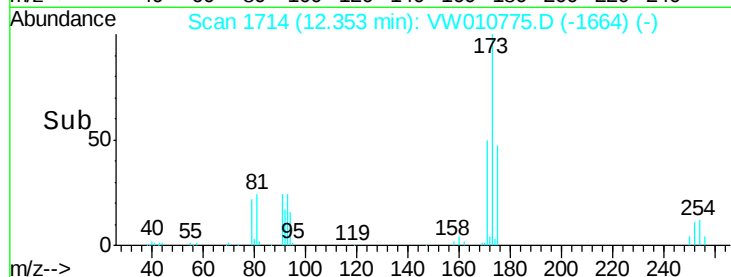
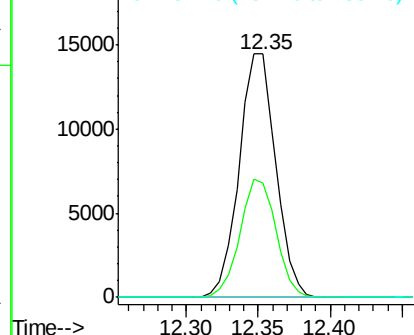
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

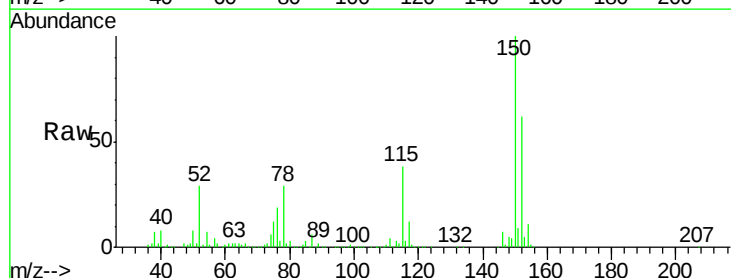
Tgt Ion:152 Resp: 166692

Ion Ratio Lower Upper

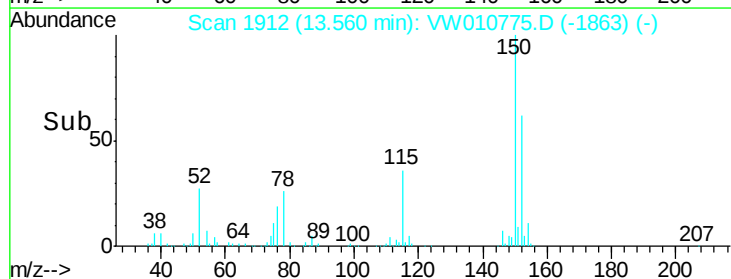
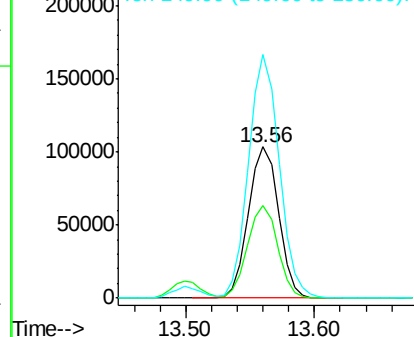
152 100

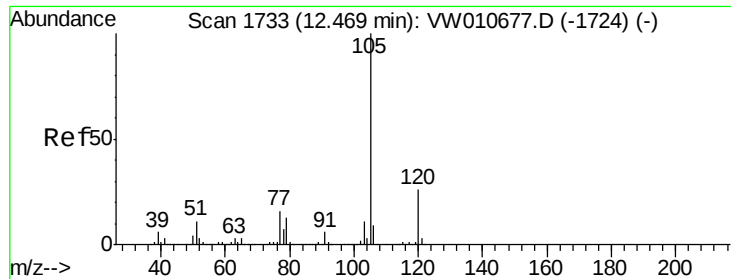
115 61.5 29.8 89.3

150 164.1 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





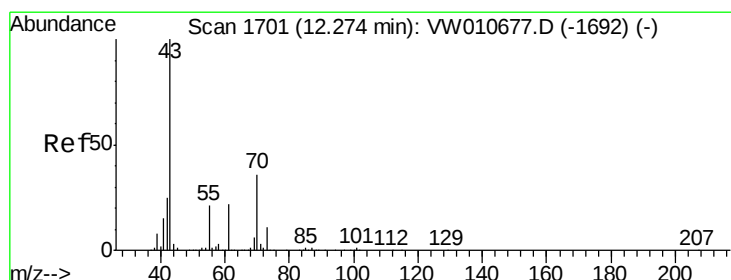
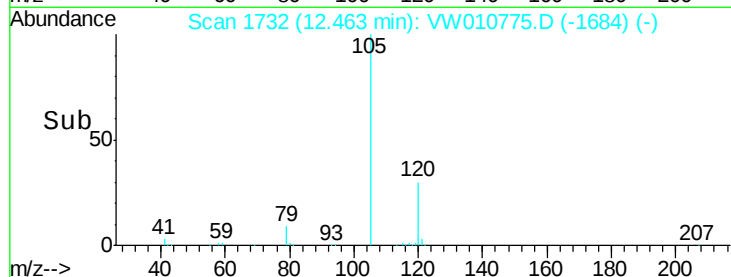
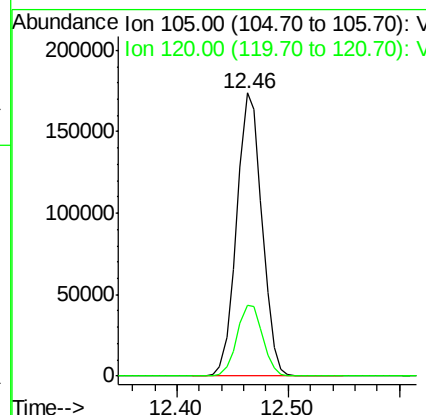
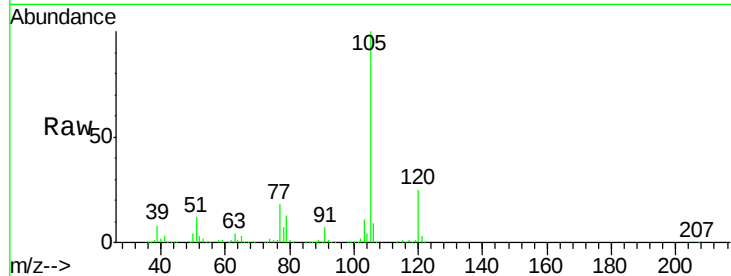
#73
Isopropylbenzene
Concen: 21.765 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1

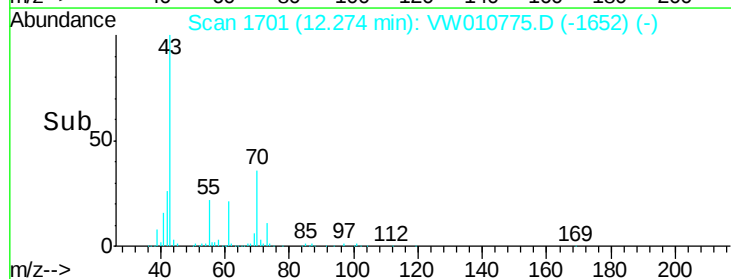
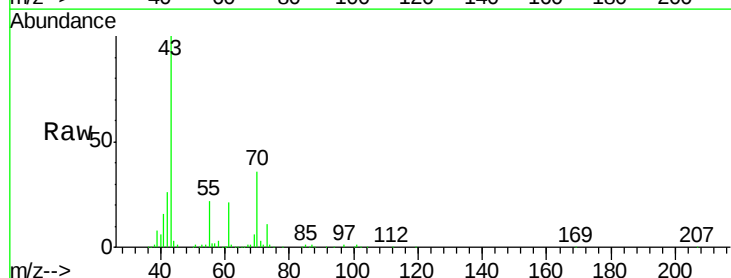
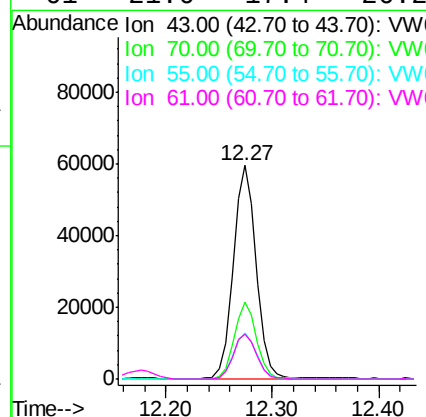
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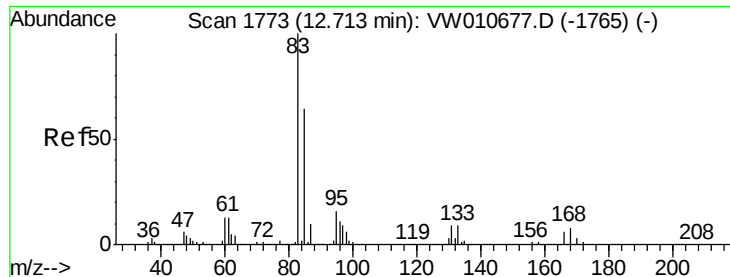
MMDadoda
6/13/2019 11:32:02 AM



#74
N-ethyl acetate
Concen: 22.103 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.1	29.2	43.8
55	22.1	17.5	26.3
61	21.6	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.326 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

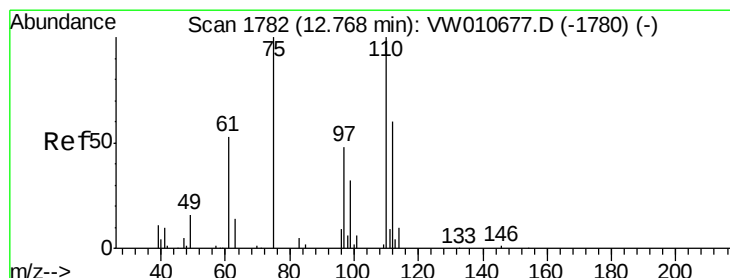
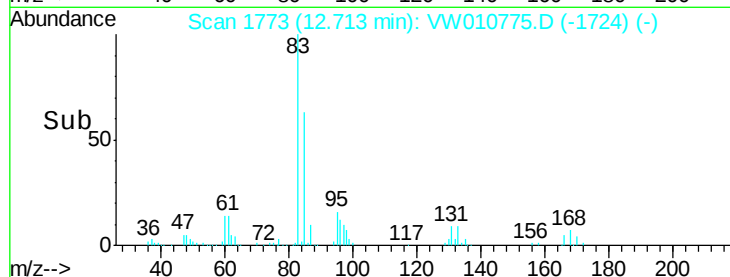
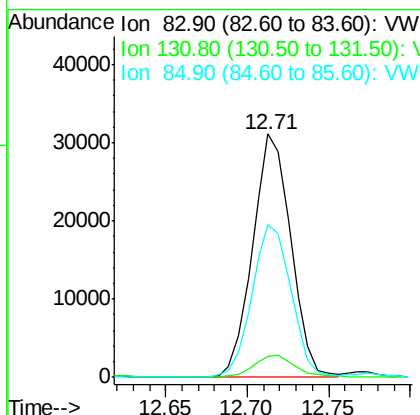
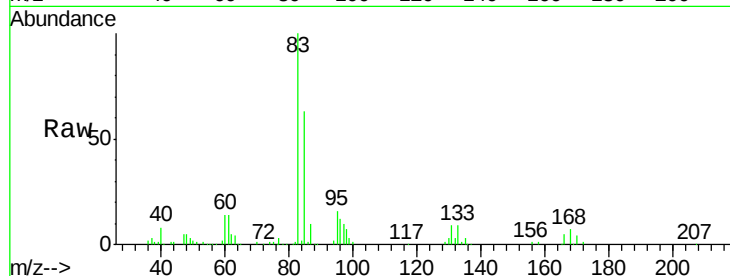
ClientSampleId :

VW0612SBSD01

Tot Ion:	83	Resp:	50856
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 16.113 ug/l m

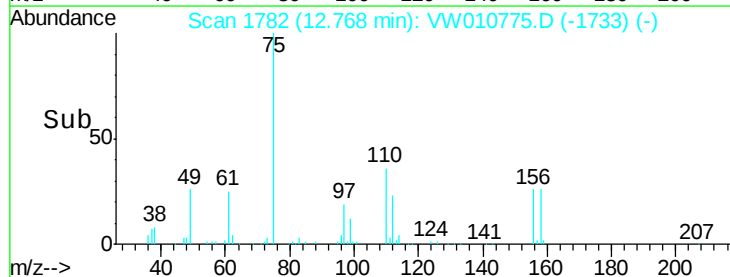
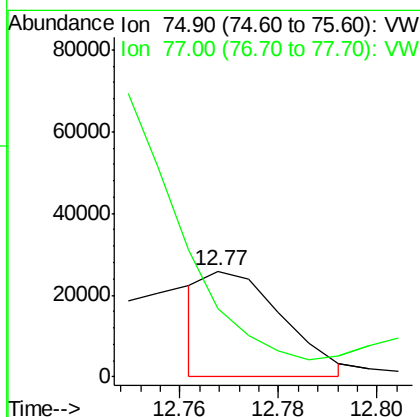
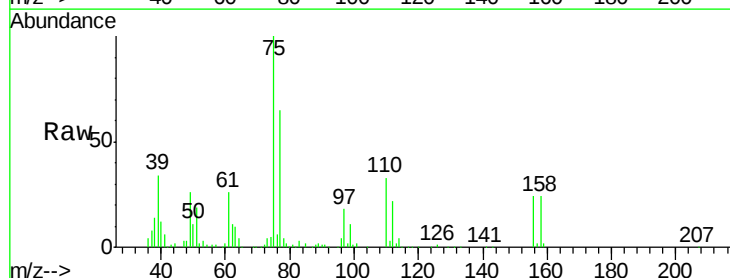
RT: 12.77 min Scan# 1782

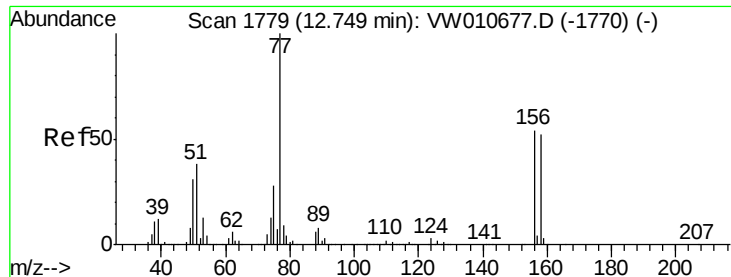
Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion:	75	Resp:	28206
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.349 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

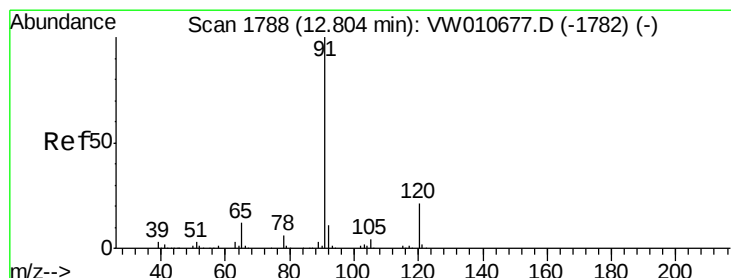
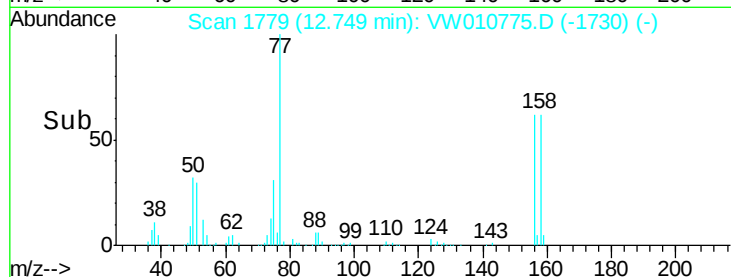
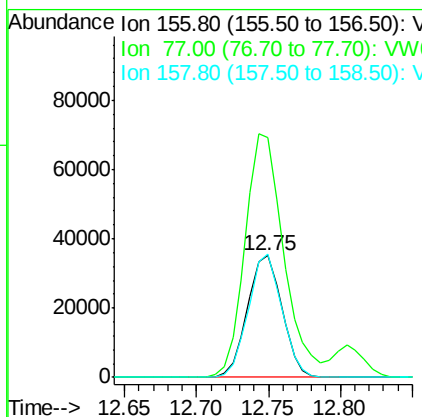
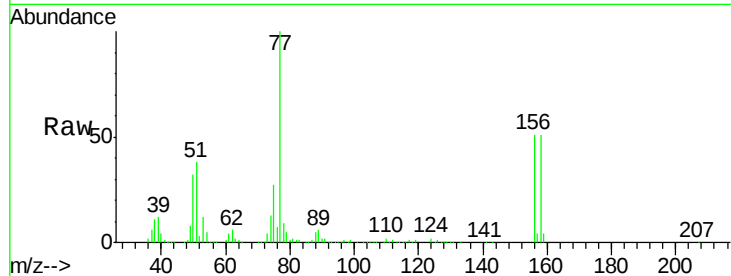
ClientSampleId :

VW0612SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	223.4	106.5	319.4
158	98.5	48.3	144.9

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#78

n-propylbenzene

Concen: 21.892 ug/l

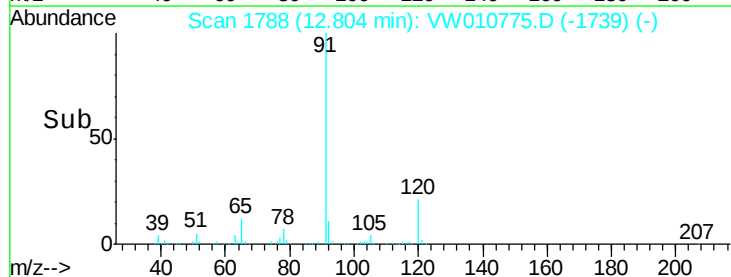
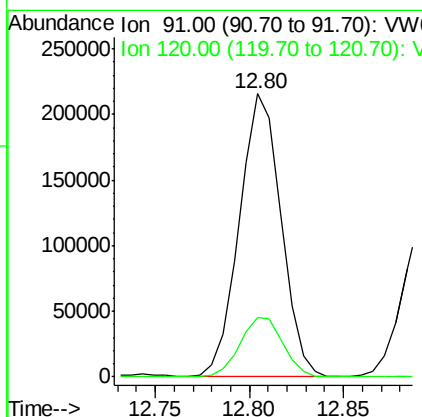
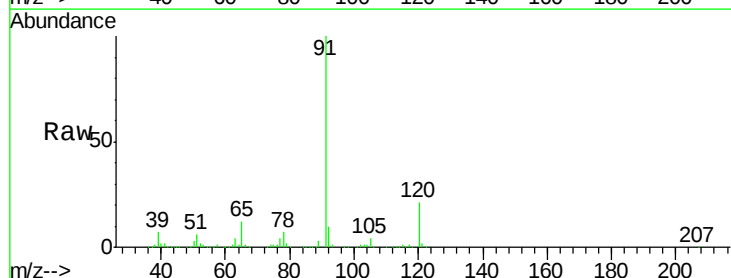
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4





#79

2-Chlorotoluene

Concen: 22.040 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion: 91 Resp: 190191

Ion Ratio Lower Upper

91 100

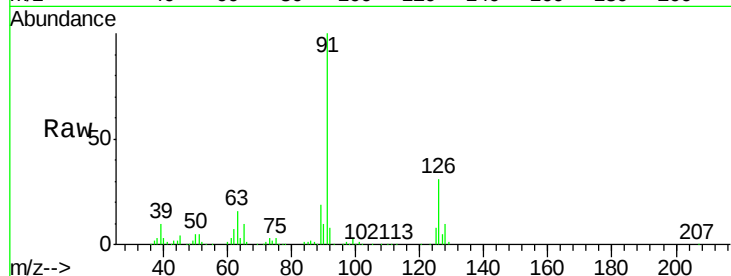
126 31.1 15.7 47.0

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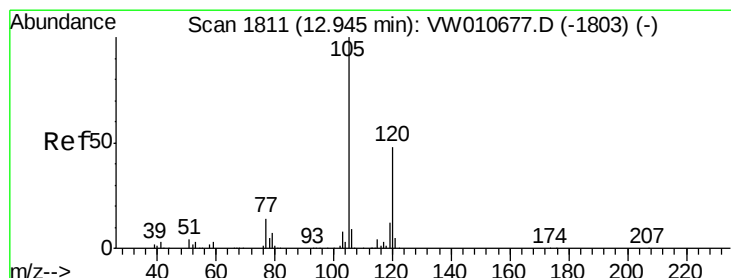
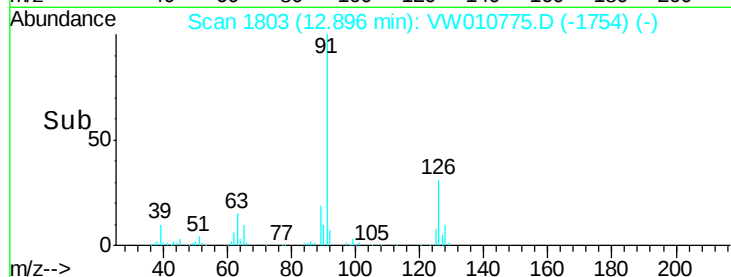
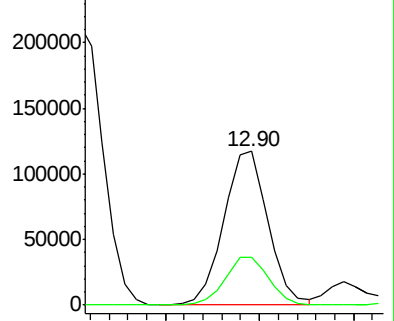
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.979 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010775.D

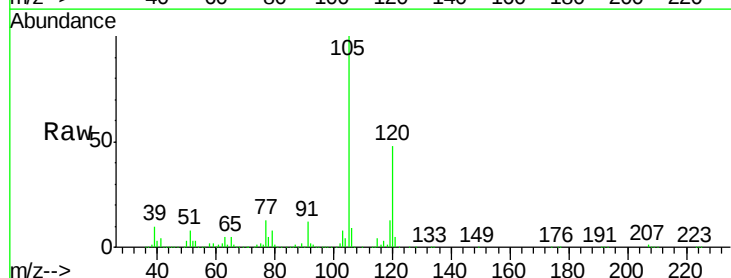
Acq: 12 Jun 2019 13:51

Tgt Ion:105 Resp: 225353

Ion Ratio Lower Upper

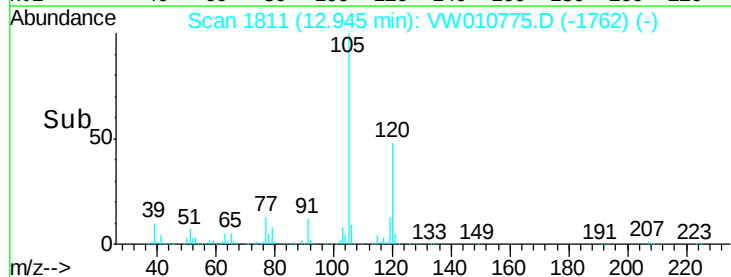
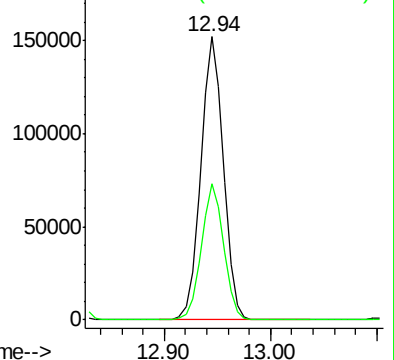
105 100

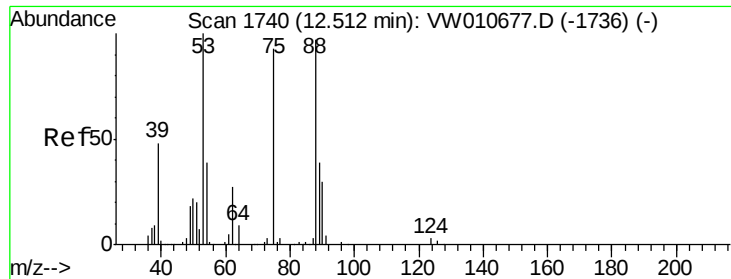
120 47.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.742 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion: 75 Resp: 15798

Ion Ratio Lower Upper

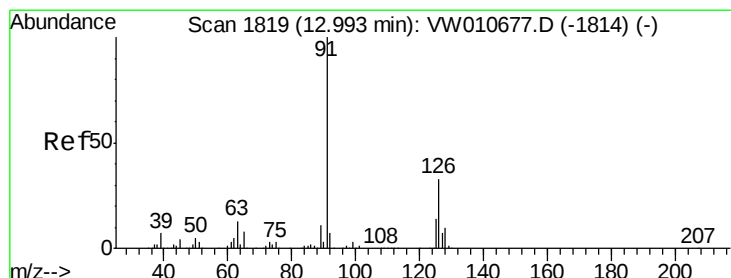
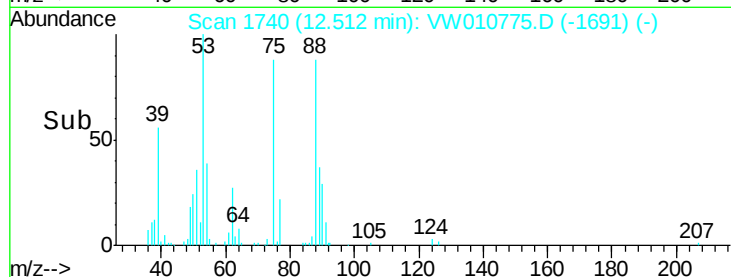
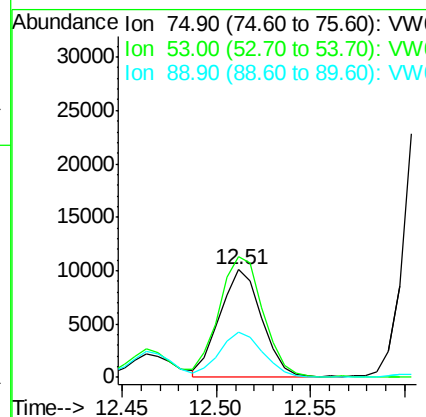
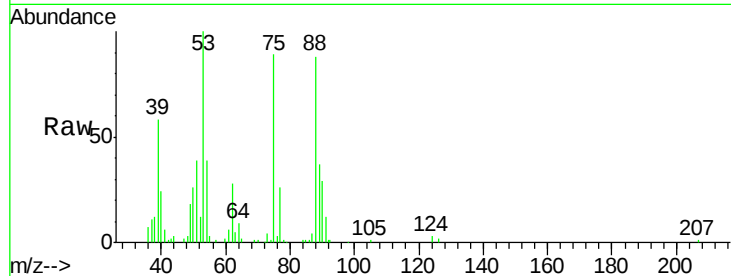
75 100

53 116.2 90.1 135.1

89 42.8 34.6 52.0

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#82

4-Chlorotoluene

Concen: 22.101 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010775.D

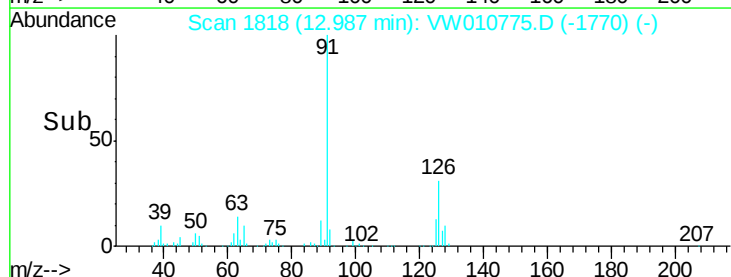
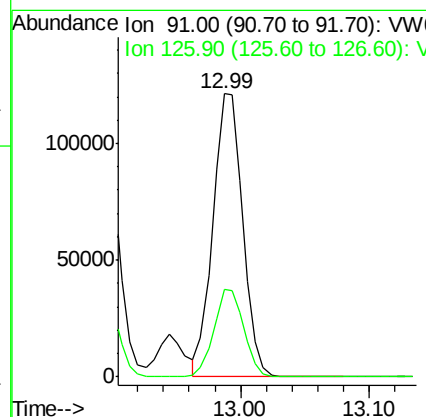
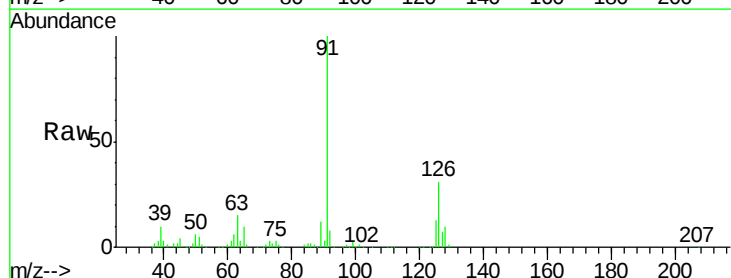
Acq: 12 Jun 2019 13:51

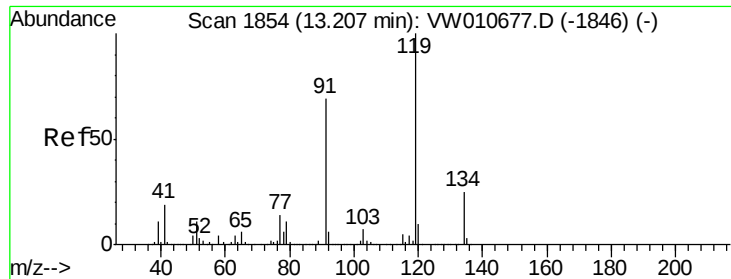
Tgt Ion: 91 Resp: 196808

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.7





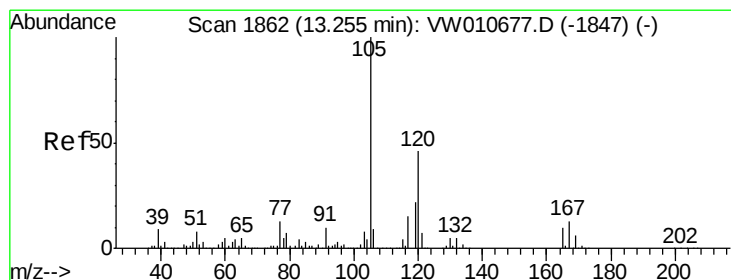
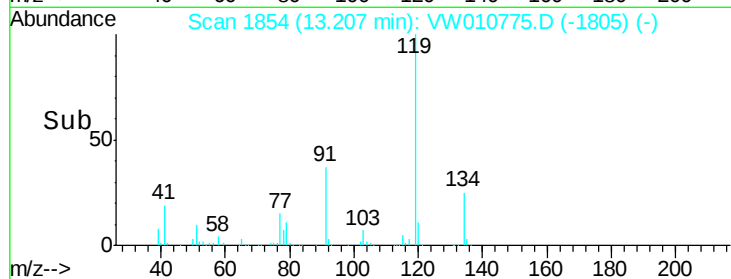
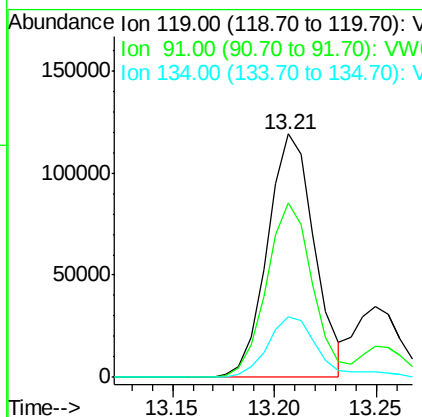
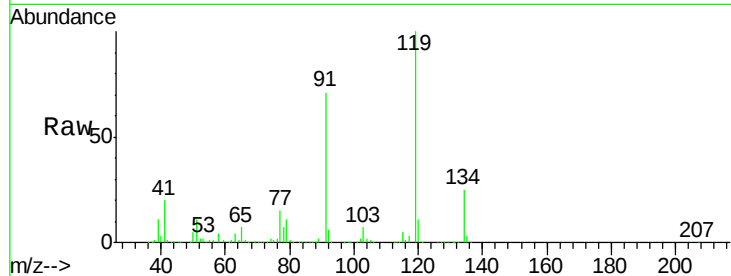
#83
tert-Butylbenzene
Concen: 21.893 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190505		
91	71.1	35.1	105.3	
134	27.3	13.6	40.7	

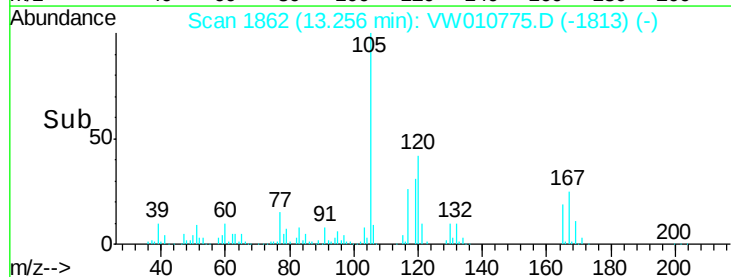
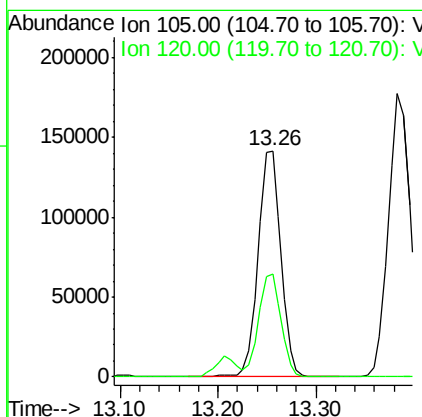
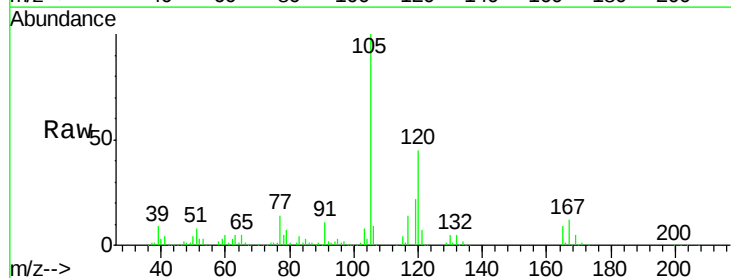
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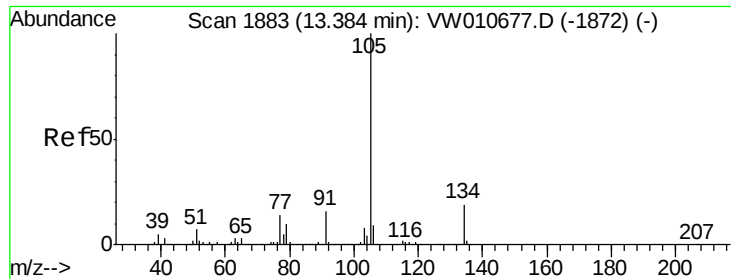
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 22.145 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228481		
120	44.7	22.5	67.5	





#85

sec-Butylbenzene

Concen: 21.750 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBSD01

Tot Ion:105 Resp: 275557

Ion Ratio Lower Upper

105 100

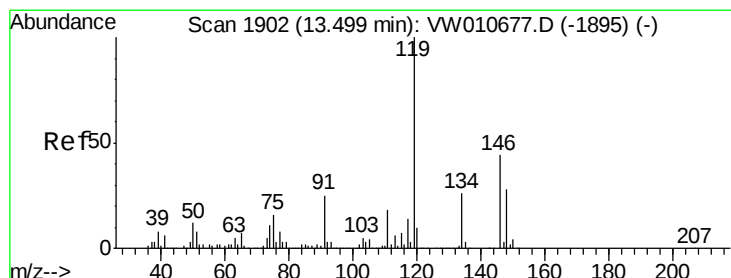
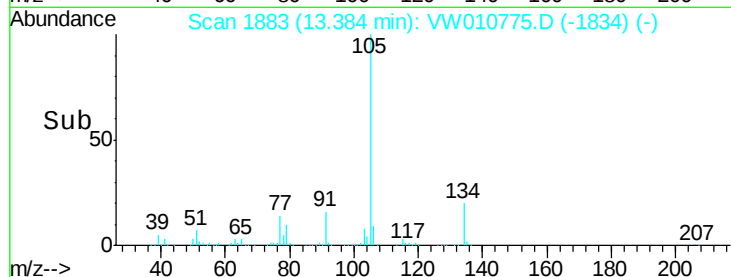
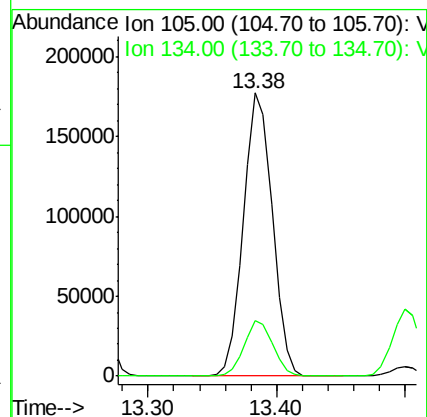
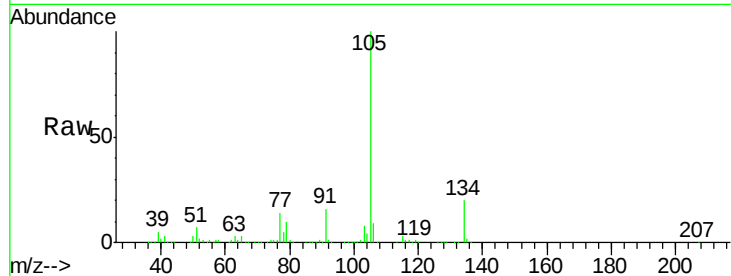
134 19.3 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.701 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010775.D

Acq: 12 Jun 2019 13:51

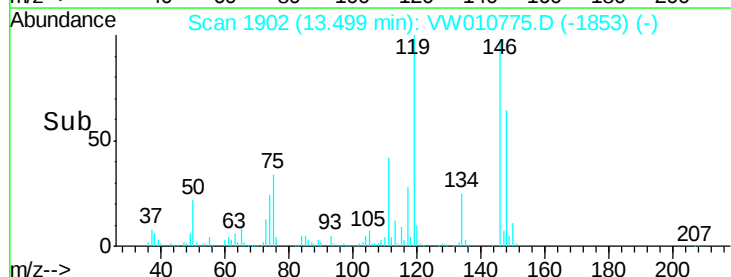
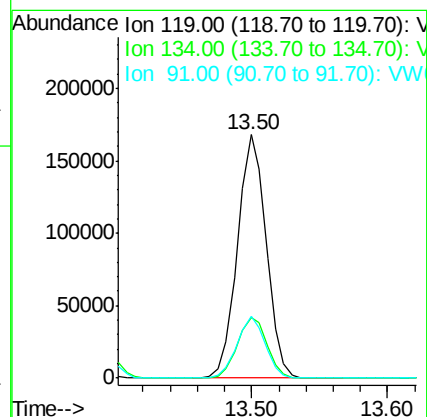
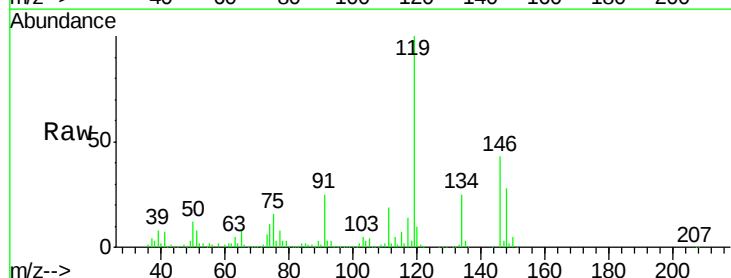
Tgt Ion:119 Resp: 245863

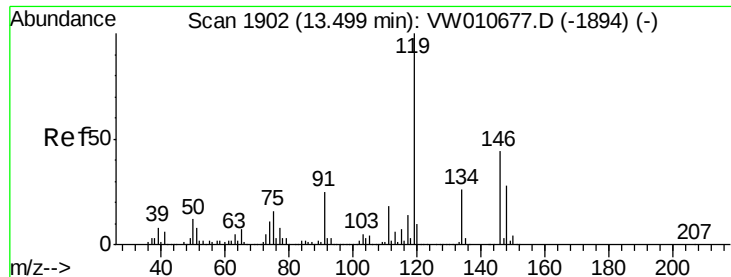
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 24.9 12.2 36.4





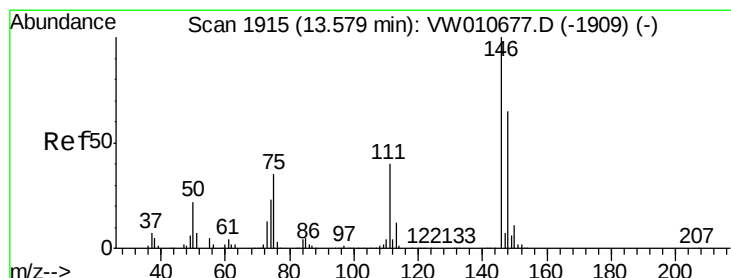
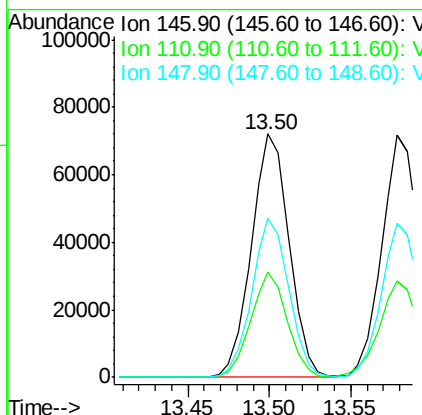
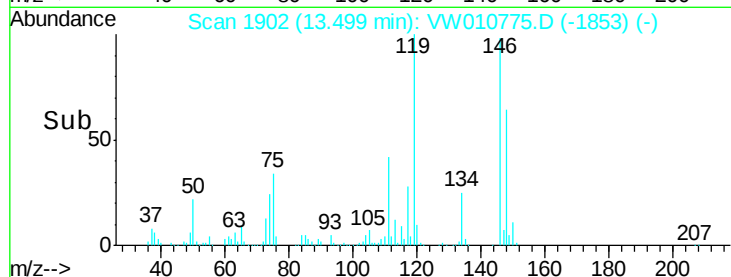
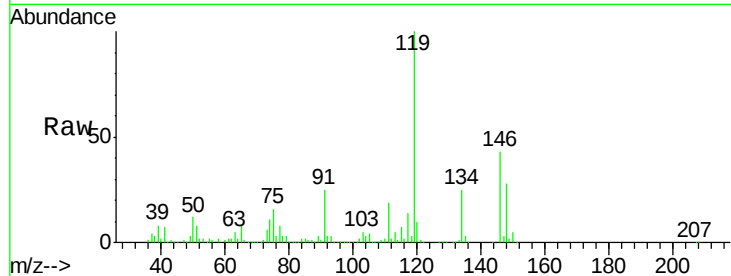
#87
 1,3-Dichlorobenzene
 Concen: 21.916 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	115562		
111	41.6	20.4	61.3	
148	64.0	31.5	94.5	

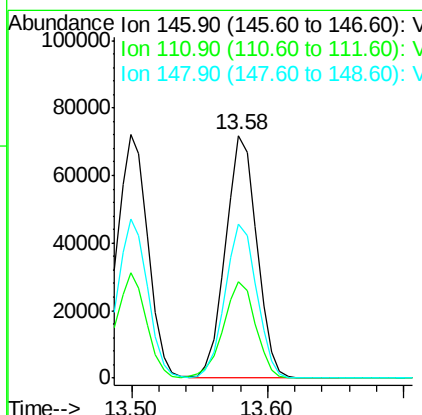
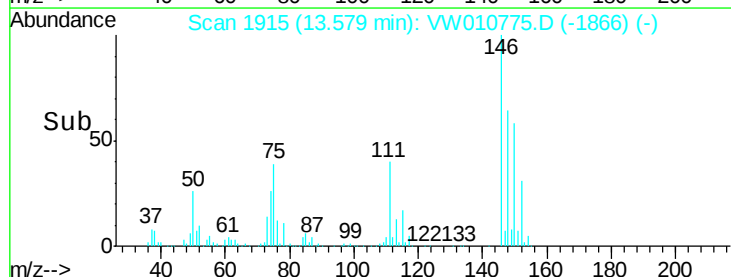
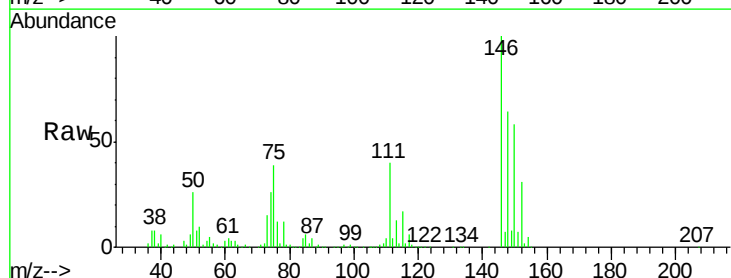
Manual Integrations
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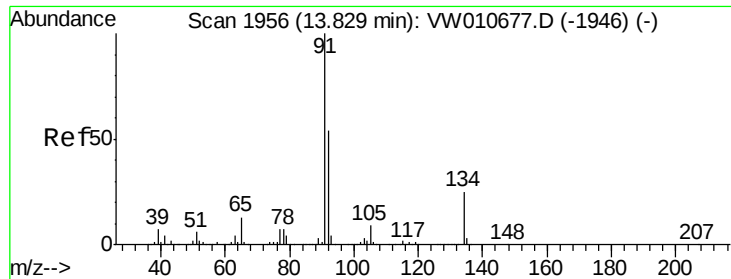
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#88
 1,4-Dichlorobenzene
 Concen: 22.001 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	115010		
111	41.3	20.3	60.9	
148	64.5	32.4	97.2	





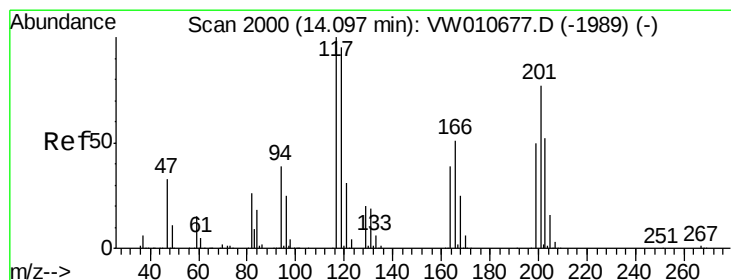
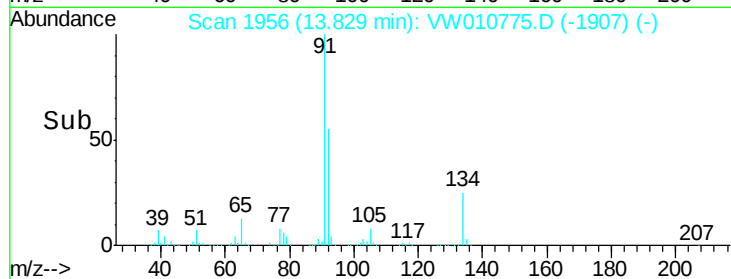
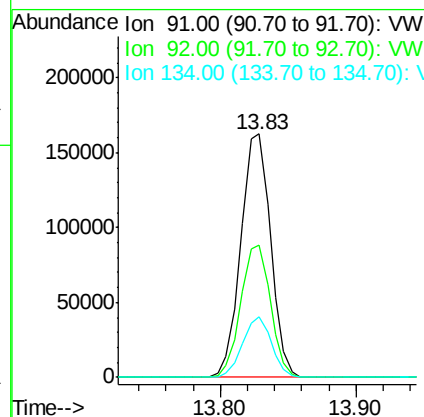
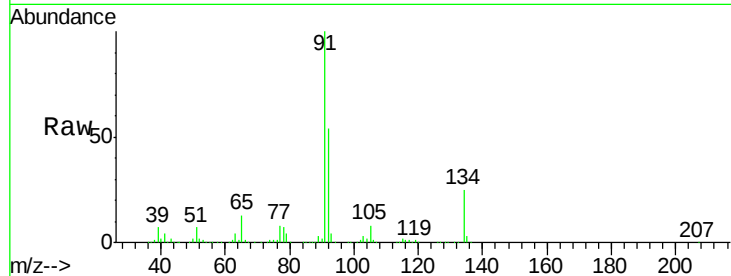
#89
n-Butylbenzene
Concen: 22.016 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	248869		
92	54.2		27.3	81.8
134	24.2		12.3	36.9

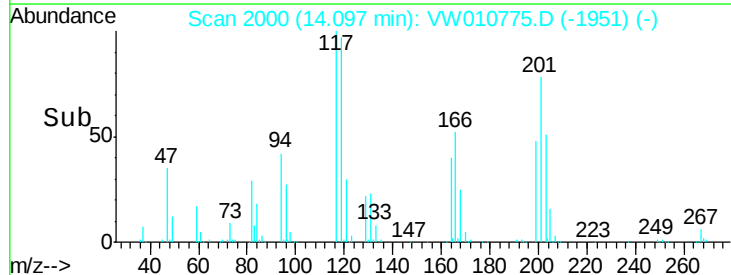
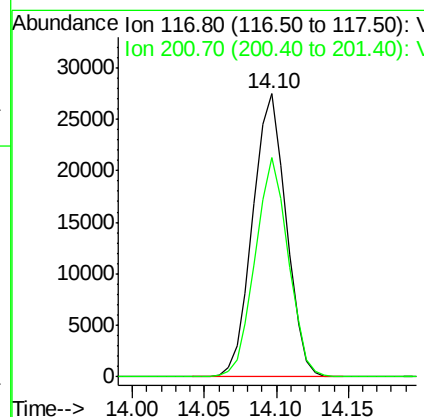
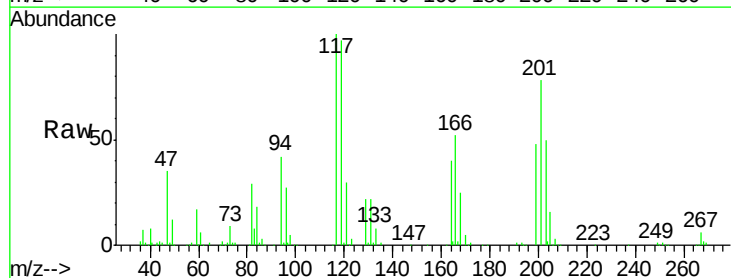
Manual Integrations
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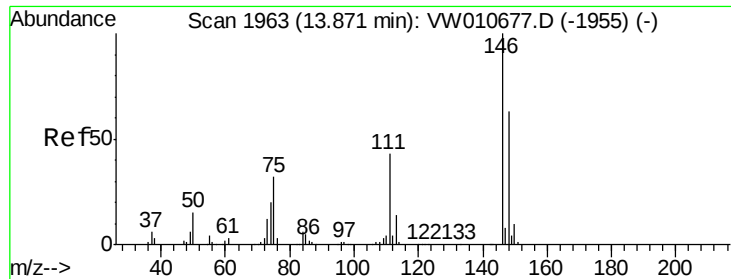
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#90
Hexachloroethane
Concen: 21.753 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44135		
201	76.7		38.8	116.4





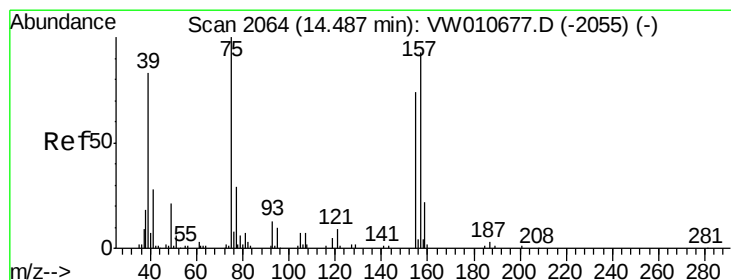
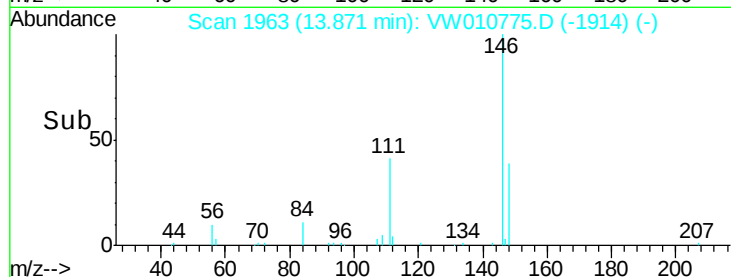
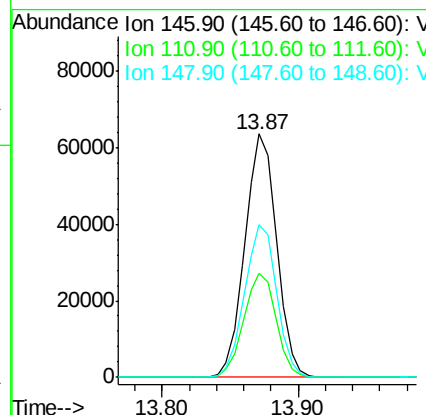
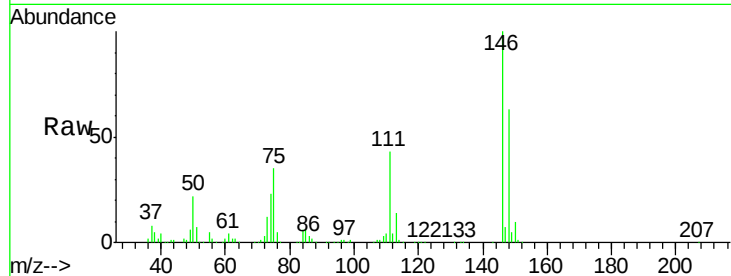
#91
 1,2-Dichlorobenzene
 Concen: 21.944 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	104058		
111	43.5	21.5	64.5	
148	63.3	31.9	95.5	

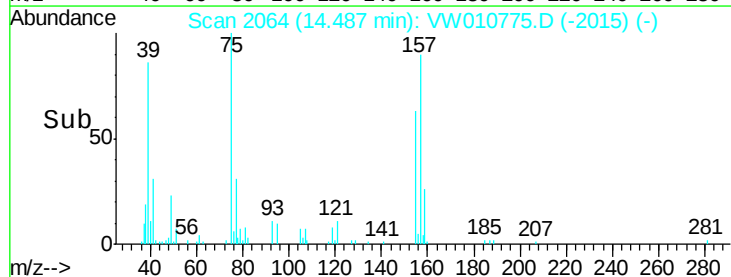
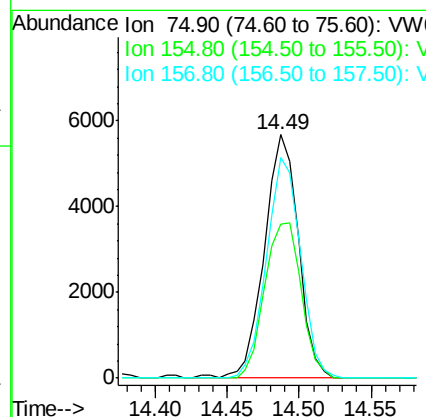
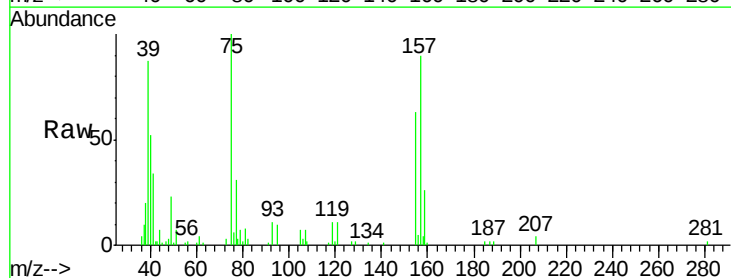
Manual Integrations
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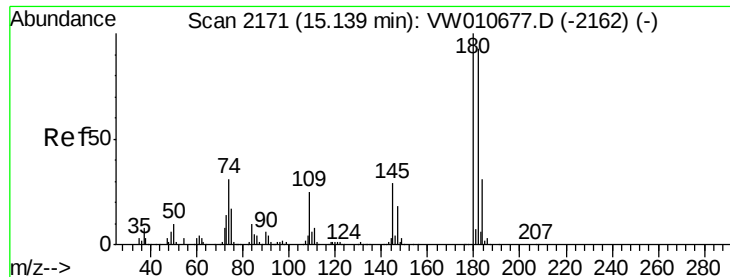
MMDadoda
 6/13/2019 11:32:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.572 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9243		
155	68.9	38.8	116.4	
157	91.1	48.4	145.0	





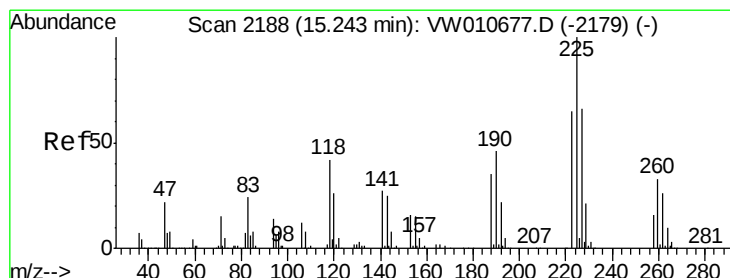
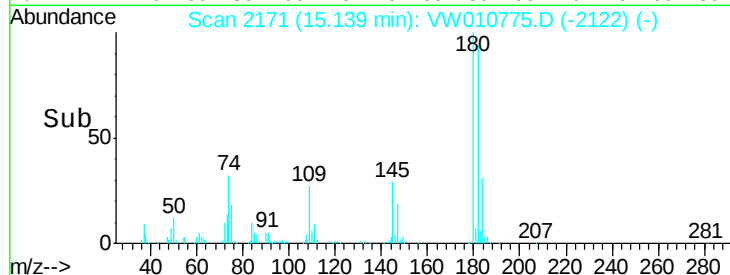
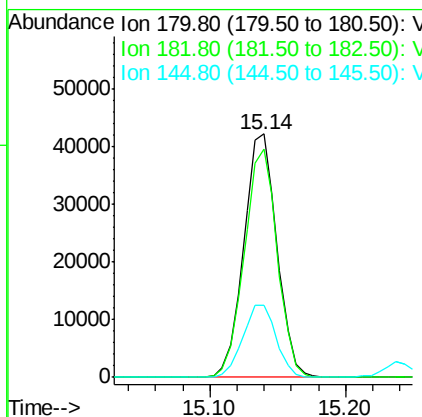
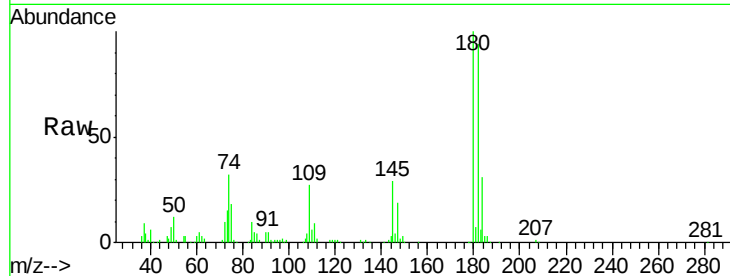
#93
 1,2,4-Trichlorobenzene
 Concen: 21.496 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71532		
182	93.4	47.1	141.4	
145	30.2	15.2	45.5	

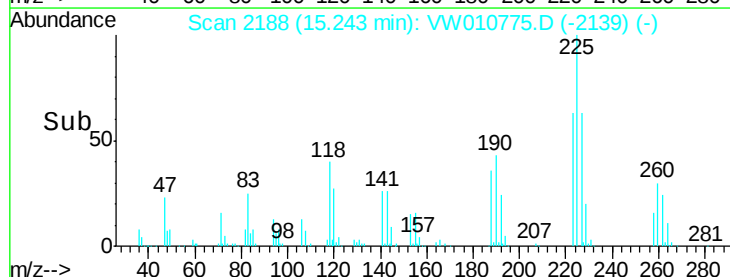
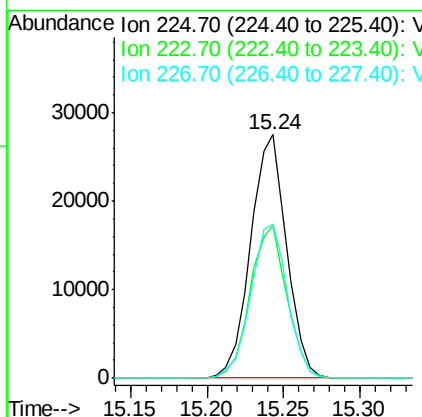
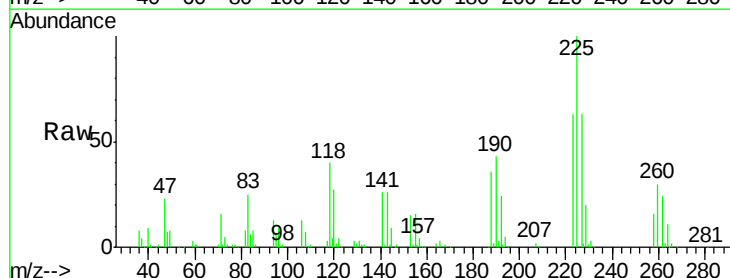
Manual Integrations
 APPROVED

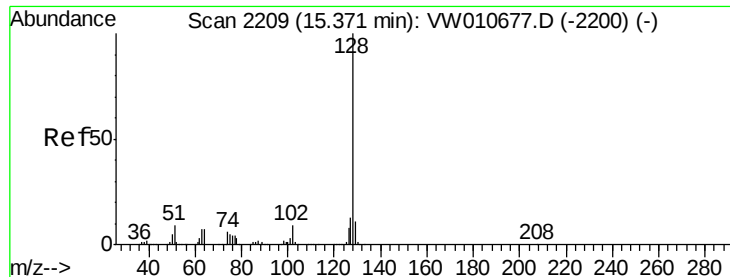
MMDadoda
 6/13/2019 11:32:02 AM



#94
 Hexachlorobutadiene
 Concen: 21.536 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010775.D
 Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44977		
223	63.9	32.2	96.6	
227	64.5	32.0	96.0	





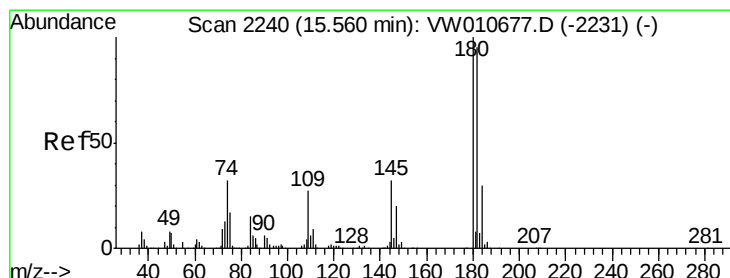
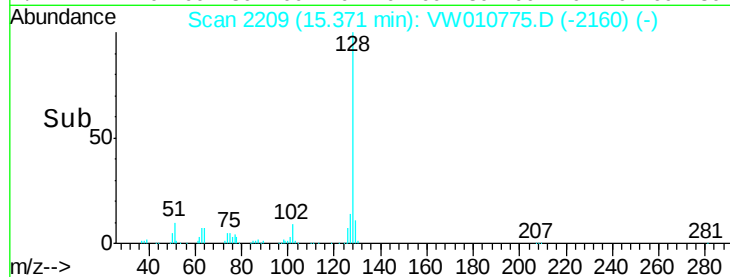
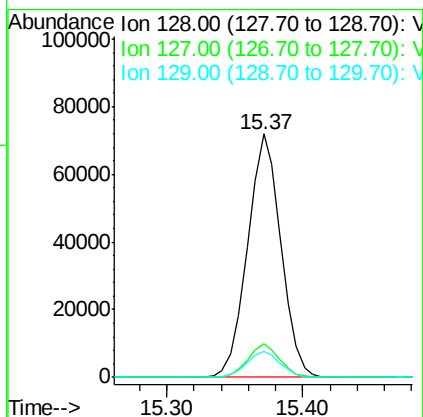
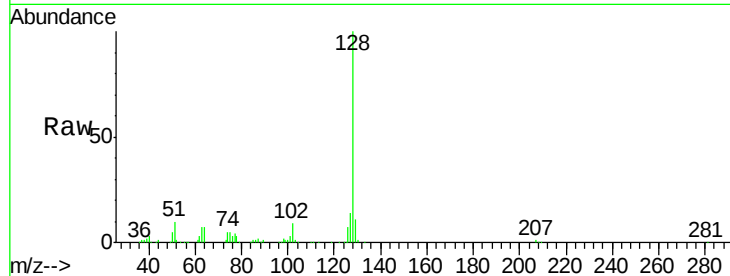
#95
Naphthalene
Concen: 20.425 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	123491		
127	13.3	10.6	15.8	
129	10.8	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:32:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.846 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010775.D
Acq: 12 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61823		
182	95.0	47.0	141.0	
145	31.9	16.1	48.3	

