

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012815.D
 Acq On : 09 Sep 2019 12:31
 Operator : SY/VA
 Sample : VW0909SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:40 AM

Quant Time: Sep 09 14:04:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	169715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	133676	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	7.88	113	111486	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.32	98	464591	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	160741	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26067	17.937	ug/l	91
3) Chloromethane	2.21	50	36410	20.615	ug/l	95
4) Vinyl Chloride	2.35	62	45262	20.901	ug/l	94
5) Bromomethane	2.76	94	25156	21.393	ug/l	100
6) Chloroethane	2.89	64	24438	18.911	ug/l	89
7) Trichlorofluoromethane	3.23	101	27854	18.639	ug/l	96
8) Diethyl Ether	3.67	74	22339	17.786	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	44276	18.880	ug/l	97
10) Methyl Iodide	4.26	142	56849	19.257	ug/l	98
11) Tert butyl alcohol	5.21	59	15752m	68.736	ug/l	
12) 1,1-Dichloroethene	4.02	96	41501	18.747	ug/l	98
13) Acrolein	3.89	56	16901	69.498	ug/l	100
14) Allyl chloride	4.65	41	82663	18.051	ug/l	98
15) Acrylonitrile	5.37	53	57766	78.745	ug/l	98
16) Acetone	4.13	43	56008	68.591	ug/l	96
17) Carbon Disulfide	4.37	76	86205	18.345	ug/l	99
18) Methyl Acetate	4.67	43	29666	15.485	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	77400	17.629	ug/l	96
20) Methylene Chloride	4.91	84	49407	19.340	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	45207	20.014	ug/l	99
22) Diisopropyl ether	6.31	45	168288	18.528	ug/l	94
23) Vinyl Acetate	6.24	43	493262	85.693	ug/l	99
24) 1,1-Dichloroethane	6.20	63	93414	19.101	ug/l	97
25) 2-Butanone	7.18	43	77610	79.150	ug/l	100
26) 2,2-Dichloropropane	7.16	77	57063	18.474	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	51512	19.668	ug/l	96
28) Bromochloromethane	7.51	49	38885	17.316	ug/l	93
29) Tetrahydrofuran	7.53	42	49463	75.012	ug/l	98
30) Chloroform	7.67	83	92064	18.995	ug/l	97
31) Cyclohexane	7.95	56	83666	19.003	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	75300	19.166	ug/l	98
36) 1,1-Dichloropropene	8.07	75	70561	20.043	ug/l	98
37) Ethyl Acetate	7.26	43	36490	16.259	ug/l	99
38) Carbon Tetrachloride	8.06	117	67135	19.345	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	79187	20.027	ug/l	97
40) Benzene	8.32	78	194253	19.887	ug/l	98
41) Methacrylonitrile	7.48	41	22020	17.165	ug/l	95
42) 1,2-Dichloroethane	8.40	62	62319	18.128	ug/l	97
43) Isopropyl Acetate	8.42	43	67603	15.900	ug/l	97
44) Trichloroethene	9.09	130	51830	20.585	ug/l	91
45) 1,2-Dichloropropane	9.37	63	50602	18.678	ug/l	96
46) Dibromomethane	9.45	93	24260	18.911	ug/l	99
47) Bromodichloromethane	9.64	83	64400	18.246	ug/l	94
48) Methyl methacrylate	9.43	41	31936	15.717	ug/l	95
49) 1,4-Dioxane	9.48	88	6916	272.924	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	174262	78.107	ug/l	100
52) Toluene	10.38	92	121685	19.960	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65452	18.035	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	77115	18.730	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	35601	18.536	ug/l	98
56) Ethyl methacrylate	10.65	69	49130	17.475	ug/l	96
57) 1,3-Dichloropropane	10.93	76	64014	18.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	133646	89.544	ug/l	99
59) 2-Hexanone	10.97	43	121485	74.531	ug/l	100
60) Dibromochloromethane	11.13	129	40741	18.037	ug/l	100
61) 1,2-Dibromoethane	11.23	107	32967	18.723	ug/l	99
64) Tetrachloroethene	10.86	164	42338	20.268	ug/l	98
65) Chlorobenzene	11.66	112	126708	19.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	46820	19.323	ug/l	98
67) Ethyl Benzene	11.73	91	242321	19.850	ug/l	100
68) m/p-Xylenes	11.83	106	177837	40.358	ug/l	99
69) o-Xylene	12.16	106	83020	19.970	ug/l	98
70) Styrene	12.18	104	147264	20.047	ug/l	98
71) Bromoform	12.35	173	23839	17.708	ug/l #	98
73) Isopropylbenzene	12.46	105	242733	19.941	ug/l	100
74) N-amyl acetate	12.27	43	60479	15.653	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	40473	16.556	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	33716m	19.428	ug/l	
77) Bromobenzene	12.74	156	53001	19.219	ug/l	94
78) n-propylbenzene	12.80	91	283153	19.450	ug/l	99
79) 2-Chlorotoluene	12.89	91	163010	19.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	204654	19.953	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12437	15.158	ug/l	95
82) 4-Chlorotoluene	12.99	91	171208	19.367	ug/l	99
83) tert-Butylbenzene	13.21	119	181246	19.985	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	203674	19.707	ug/l	100
85) sec-Butylbenzene	13.38	105	250351	19.893	ug/l	99
86) p-Isopropyltoluene	13.50	119	226326	19.689	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105271	19.421	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	104968	19.461	ug/l	99
89) n-Butylbenzene	13.82	91	219558	19.674	ug/l	99
90) Hexachloroethane	14.09	117	37993	18.932	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	93853	19.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6575	14.697	ug/l	95

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QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	69542	20.473	ug/l	97
94) Hexachlorobutadiene	15.23	225	47416	20.167	ug/l	98
95) Naphthalene	15.36	128	114835	19.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59241	19.758	ug/l	99

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

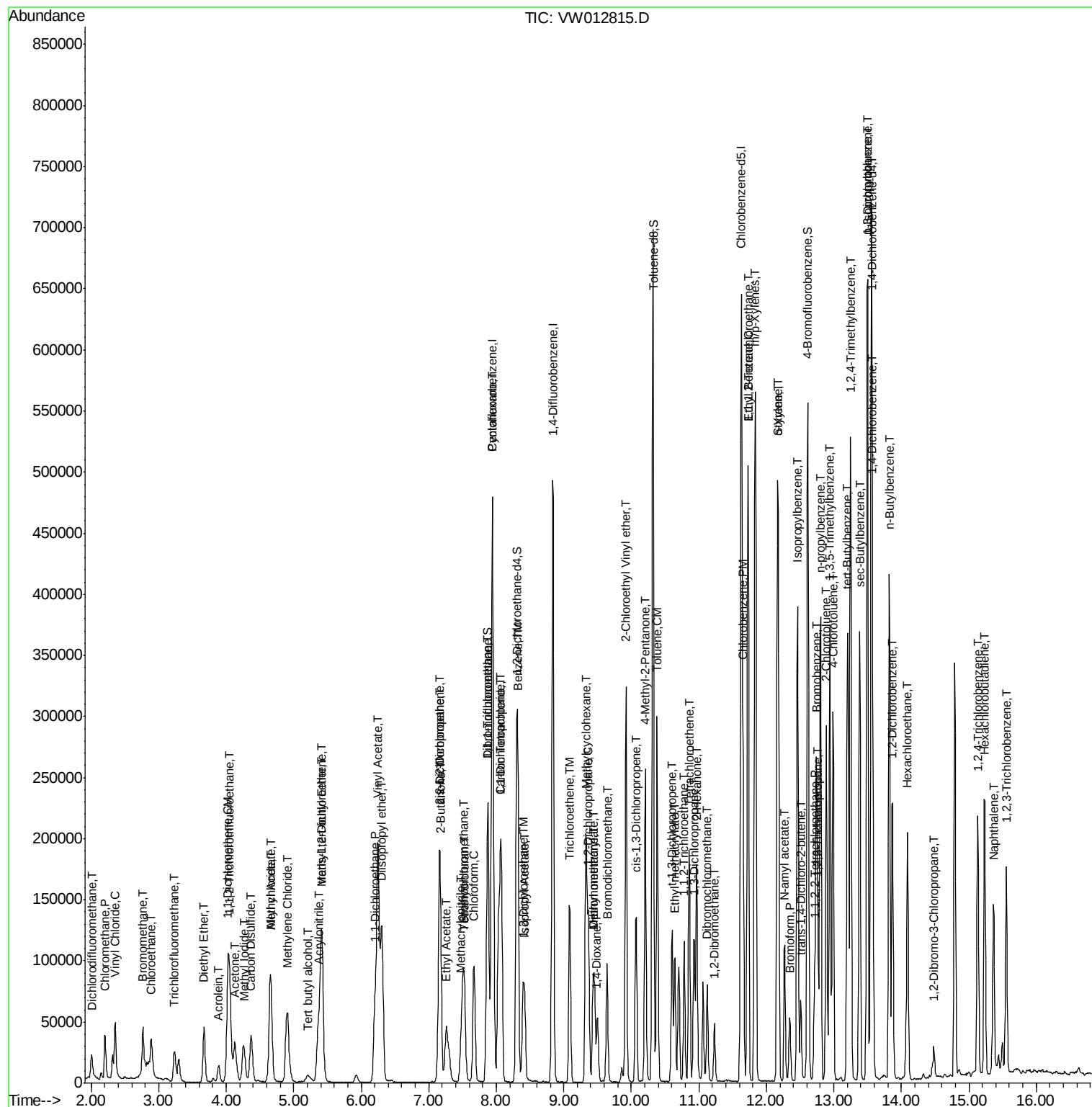
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012815.D
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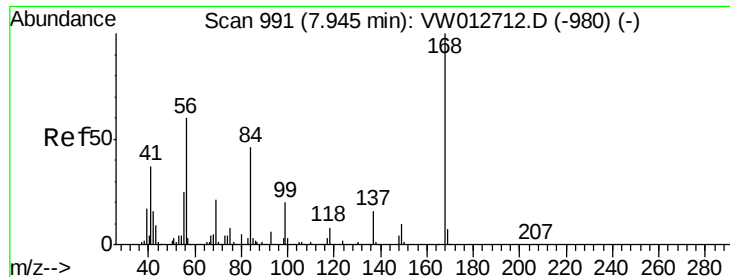
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion:168 Resp: 268068

Ion Ratio Lower Upper

168 100

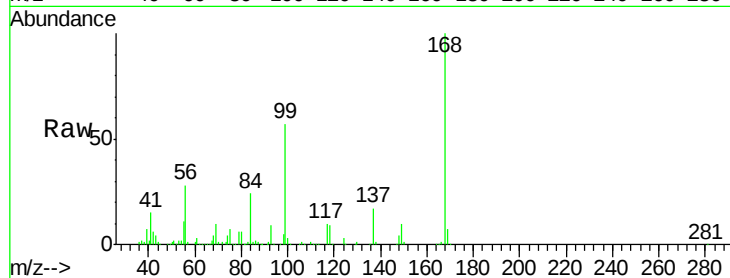
99 57.2 47.8 71.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

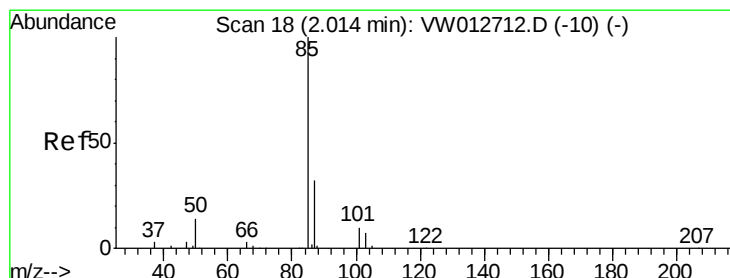
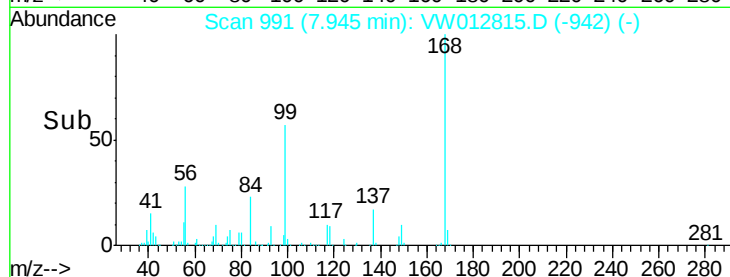
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.937 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012815.D

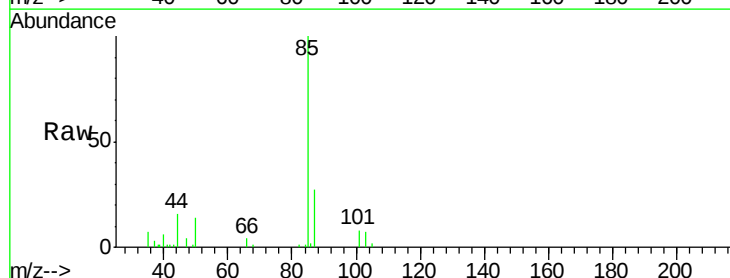
Acq: 09 Sep 2019 12:31

Tgt Ion: 85 Resp: 26067

Ion Ratio Lower Upper

85 100

87 26.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

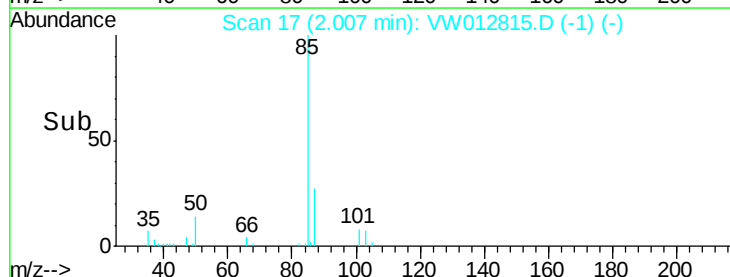
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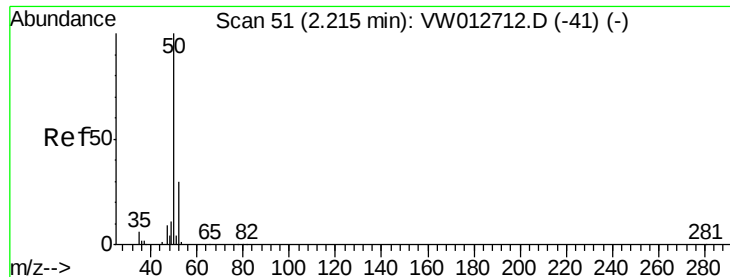
4000

2000

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Time-->





#3

Chloromethane

Concen: 20.615 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion: 50 Resp: 36410

Ion Ratio Lower Upper

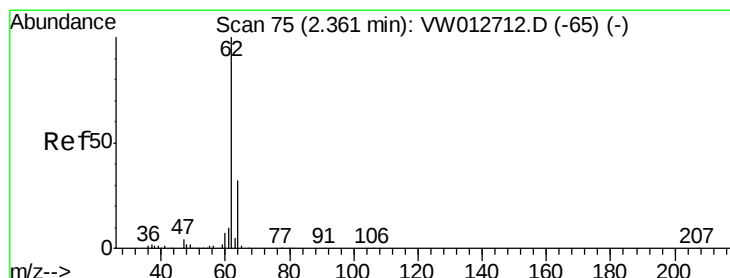
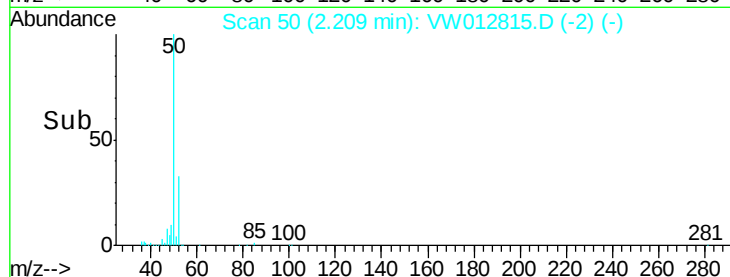
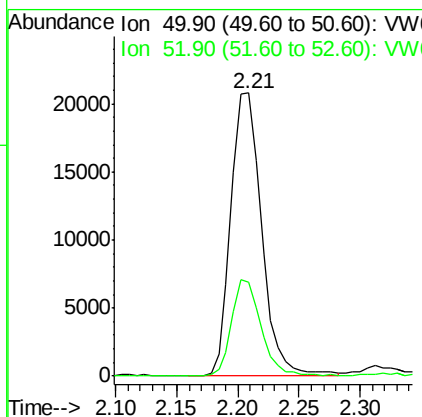
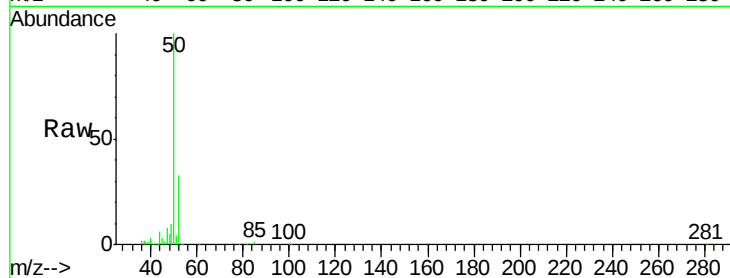
50 100

52 33.0 24.2 36.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.901 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012815.D

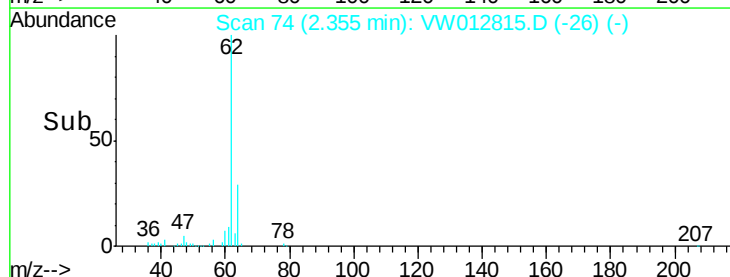
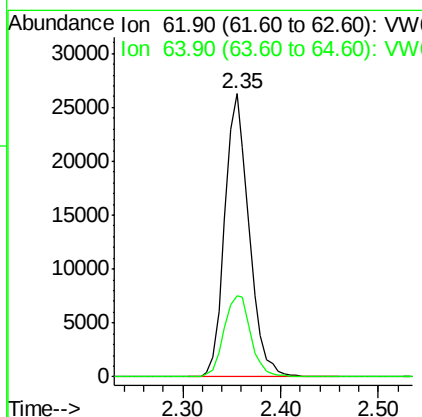
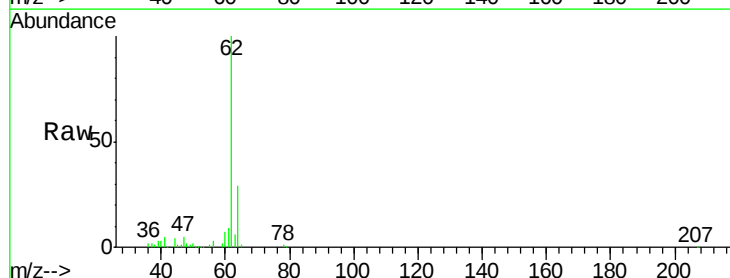
Acq: 09 Sep 2019 12:31

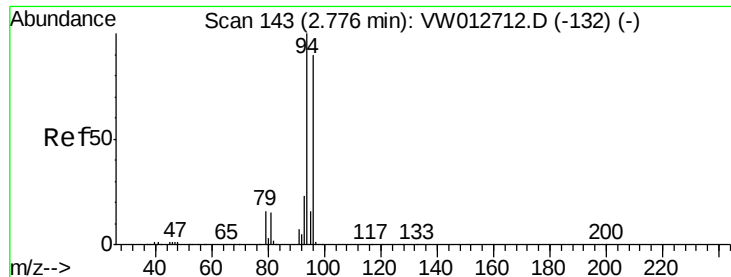
Tgt Ion: 62 Resp: 45262

Ion Ratio Lower Upper

62 100

64 28.5 25.3 37.9





#5

Bromomethane

Concen: 21.393 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

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ClientSampleId :

VW0909SBS01

Tot Ion: 94 Resp: 25156

Ion Ratio Lower Upper

94 100

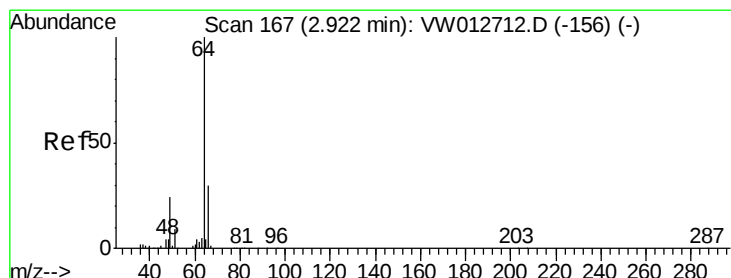
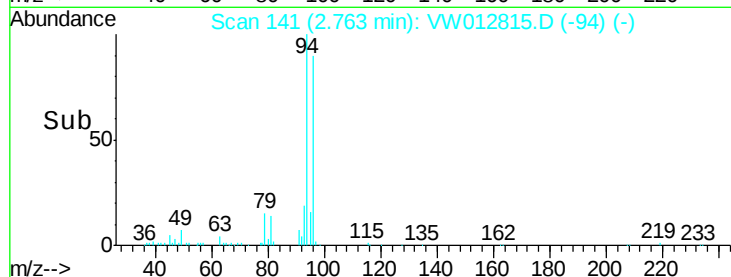
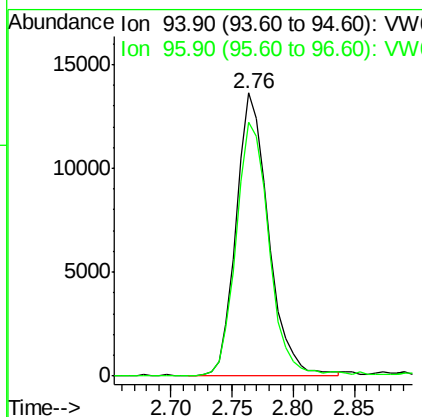
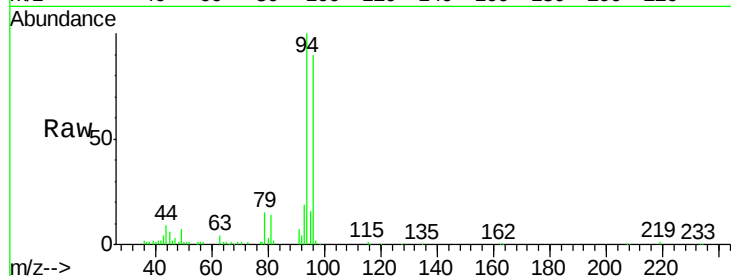
96 89.7 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 18.911 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.03 min

Lab File: VW012815.D

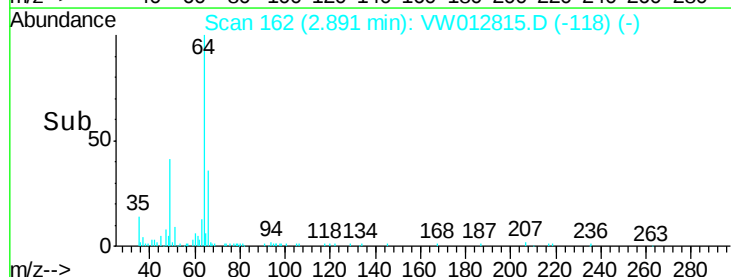
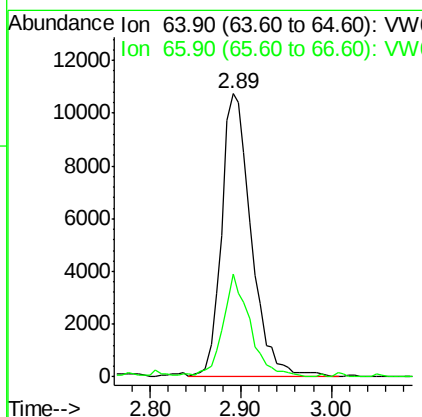
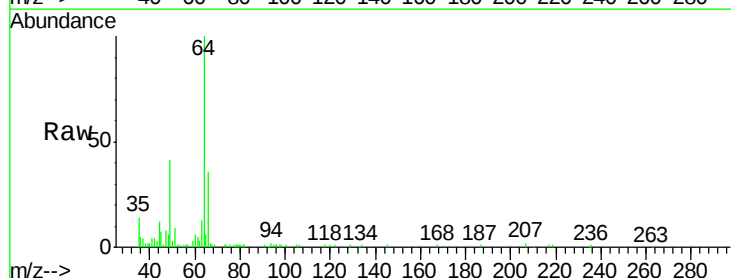
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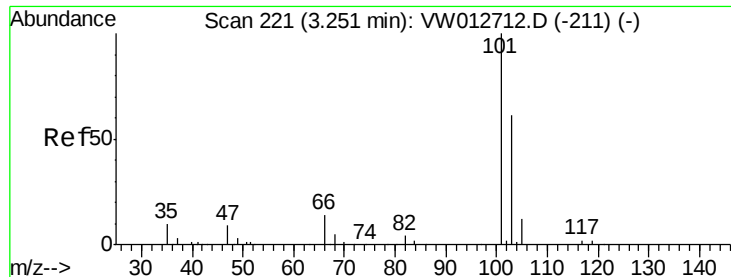
Tgt Ion: 64 Resp: 24438

Ion Ratio Lower Upper

64 100

66 35.4 23.8 35.6





#7

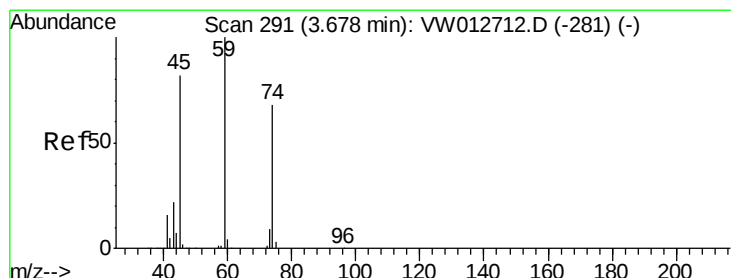
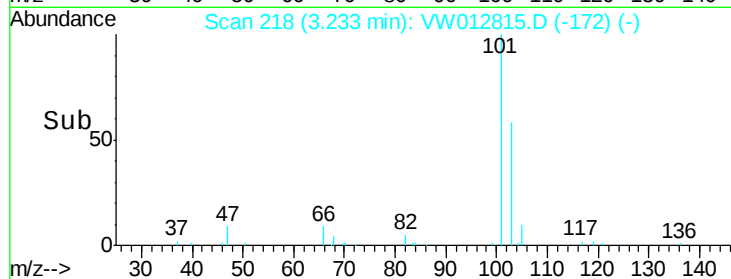
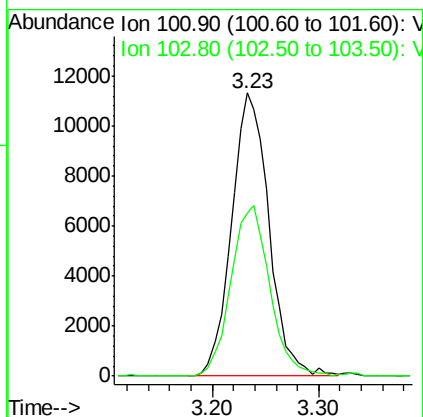
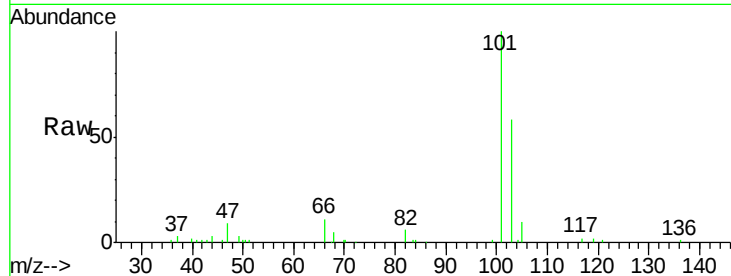
Trichlorofluoromethane
 Concen: 18.639 ug/l
 RT: 3.23 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion:101 Resp: 27854
 Ion Ratio Lower Upper
 101 100
 103 57.8 49.0 73.4

Manual Integrations
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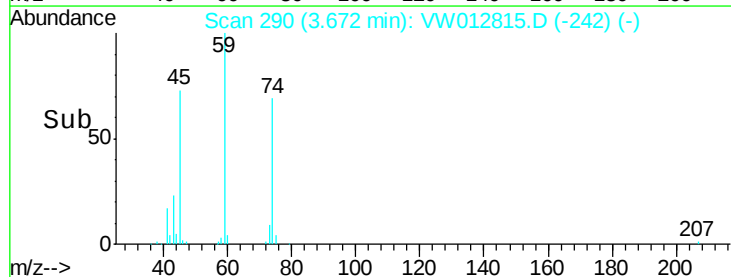
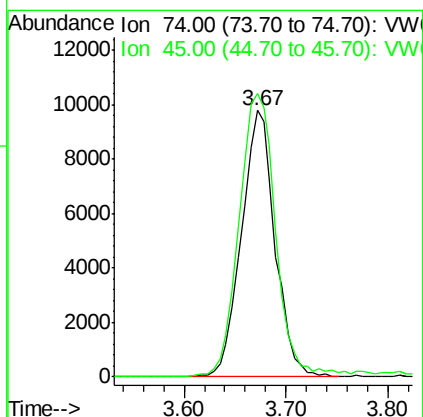
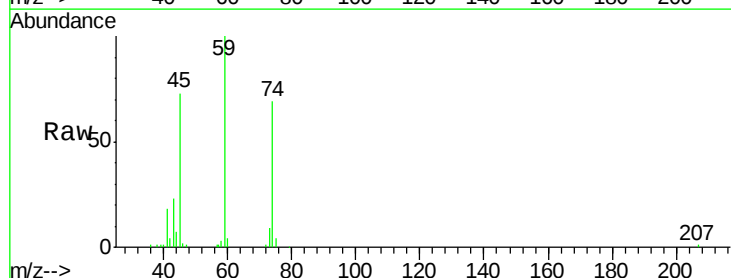
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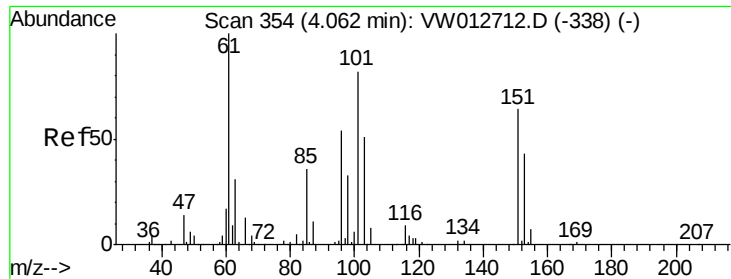


#8

Diethyl Ether
 Concen: 17.786 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion: 74 Resp: 22339
 Ion Ratio Lower Upper
 74 100
 45 116.5 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.880 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

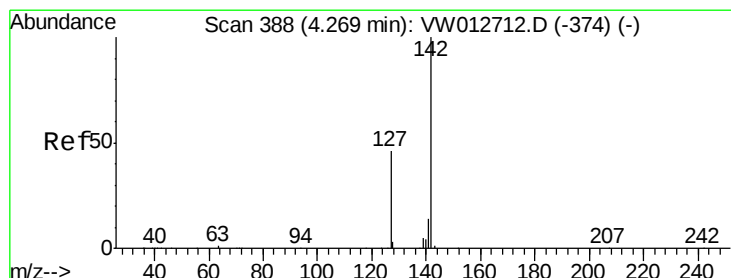
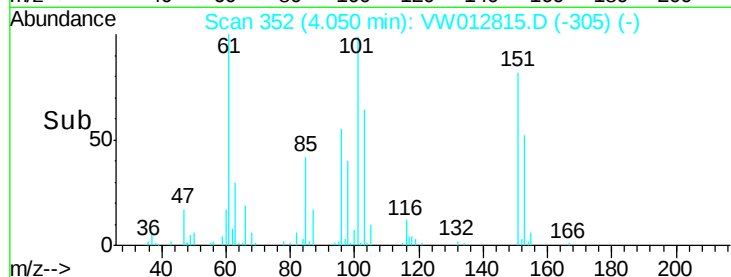
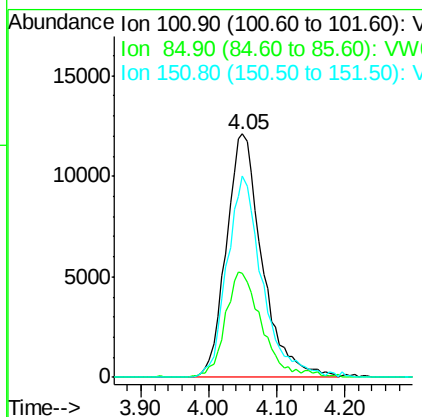
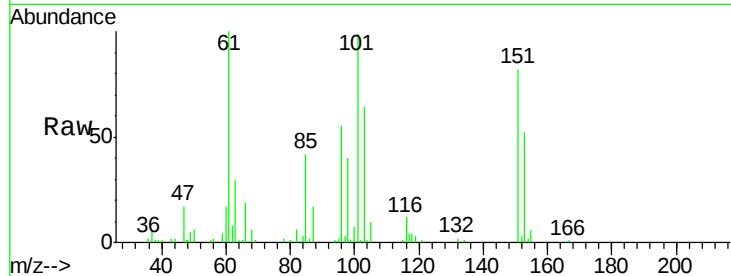
ClientSampleId :

VW0909SBS01

Tot Ion:	101	Resp:	44276
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.2	54.2
151	81.3	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.257 ug/l

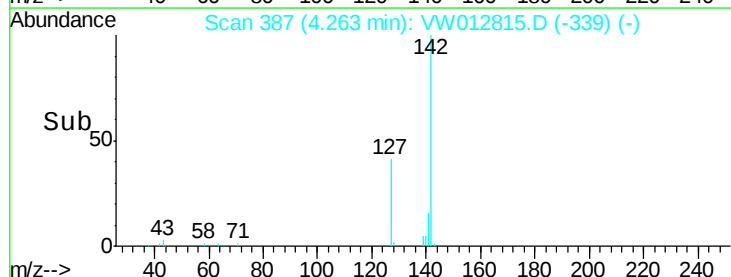
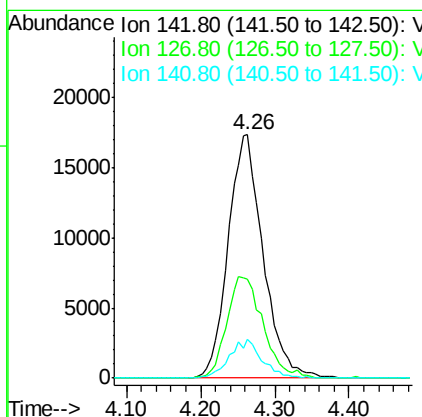
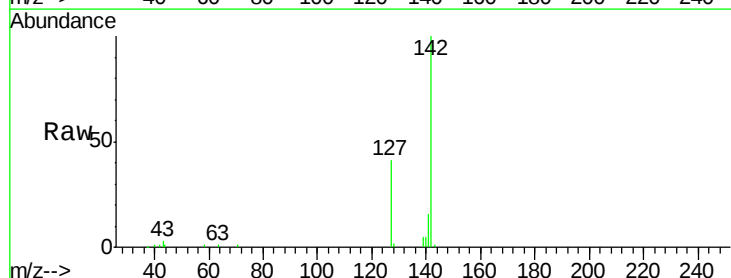
RT: 4.26 min Scan# 387

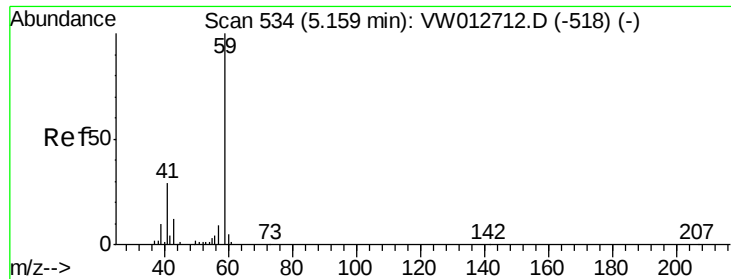
Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion:	142	Resp:	56849
Ion Ratio	Lower	Upper	
142	100		
127	43.3	36.0	54.0
141	14.7	12.2	18.4





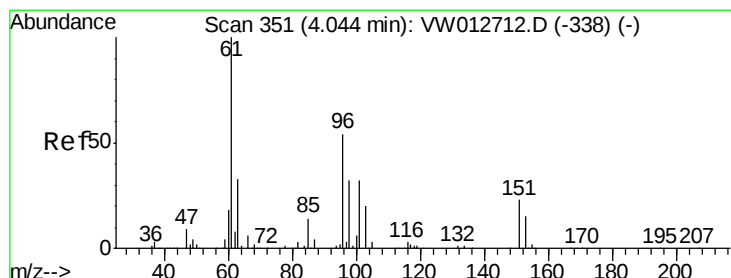
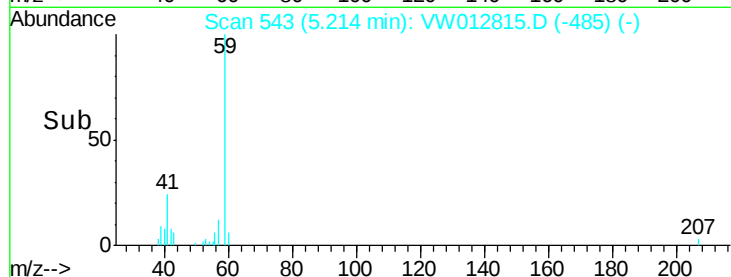
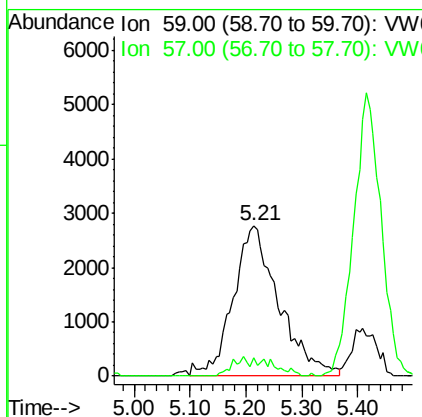
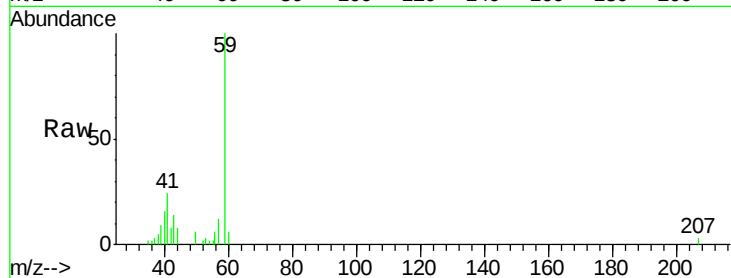
#11
Tert butyl alcohol
Concen: 68.736 ug/l m
RT: 5.21 min Scan# 543
Delta R.T. 0.05 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	59	Resp	15752
Ion Ratio	100	Lower	Upper
57	4.6	8.2	12.4#

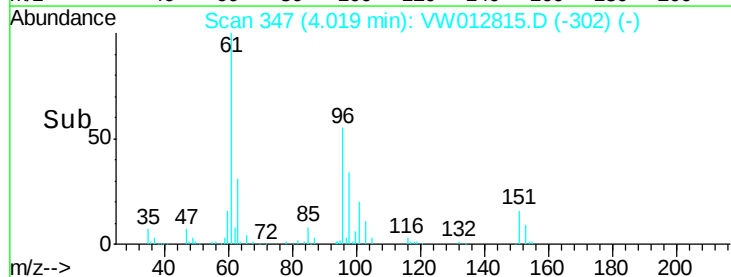
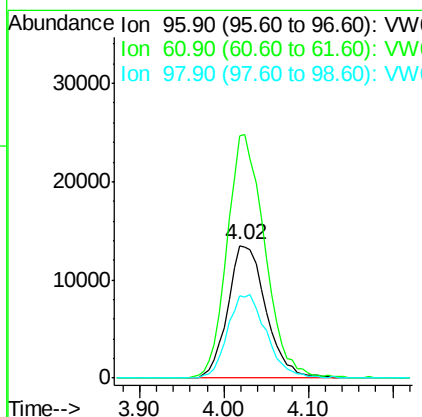
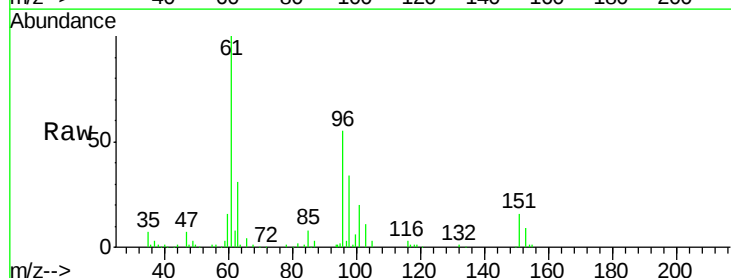
Manual Integrations
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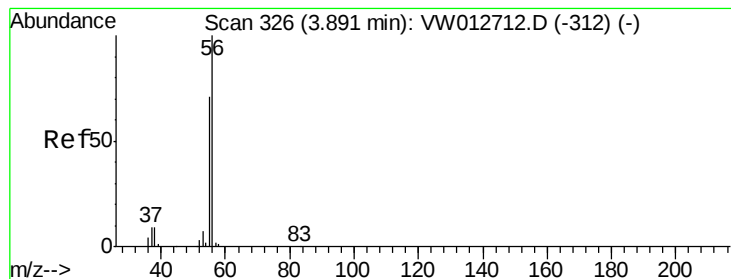
MMDadoda
9/11/2019 8:15:40 AM



#12
1,1-Dichloroethene
Concen: 18.747 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	96	Resp	41501
Ion Ratio	100	Lower	Upper
61	182.6	147.8	221.6
98	62.0	47.9	71.9





#13

Acrolein

Concen: 69.498 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion: 56 Resp: 16901

Ion Ratio Lower Upper

56 100

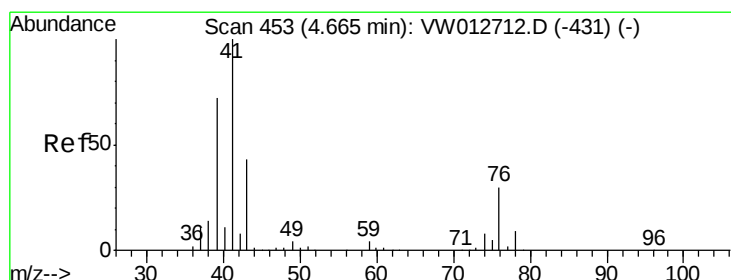
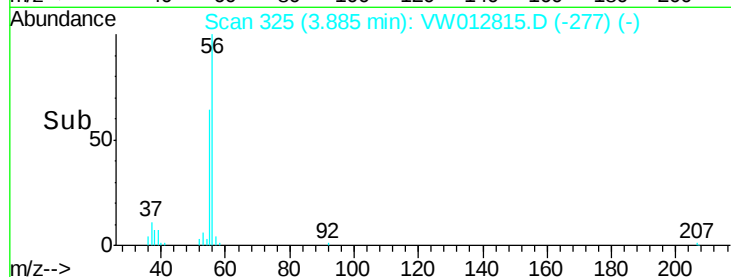
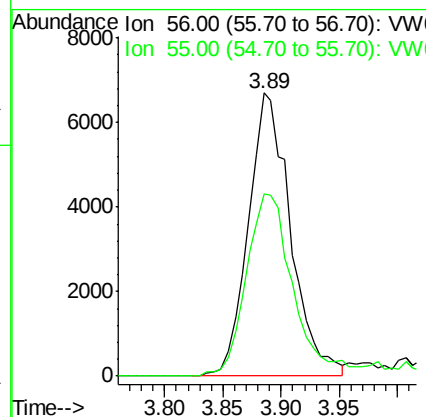
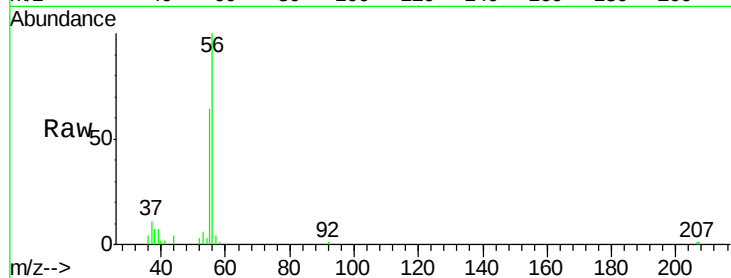
55 71.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.051 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

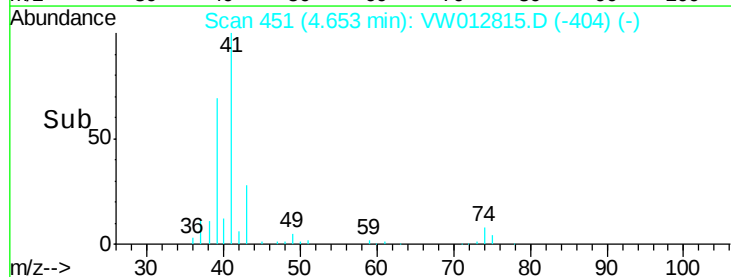
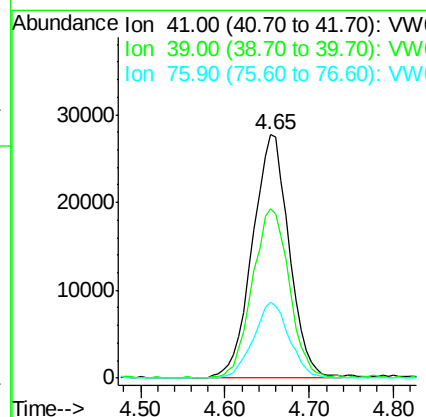
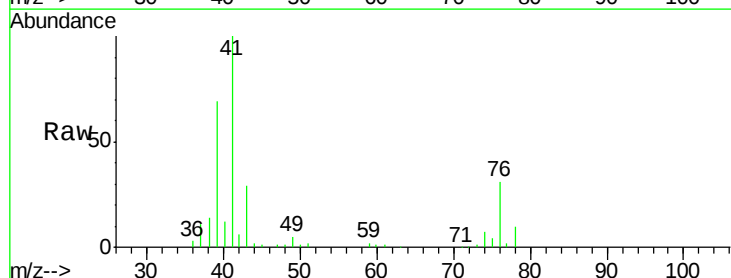
Tgt Ion: 41 Resp: 82663

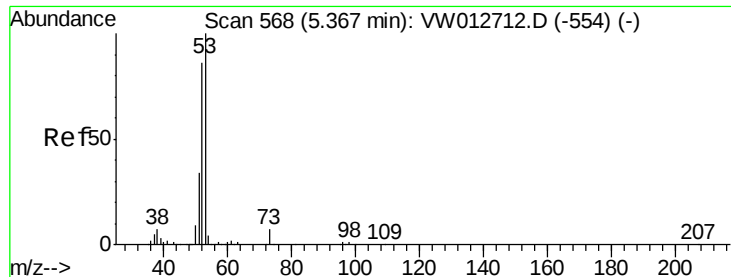
Ion Ratio Lower Upper

41 100

39 69.7 55.0 82.6

76 30.2 23.0 34.4





#15

Acrylonitrile

Concen: 78.745 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

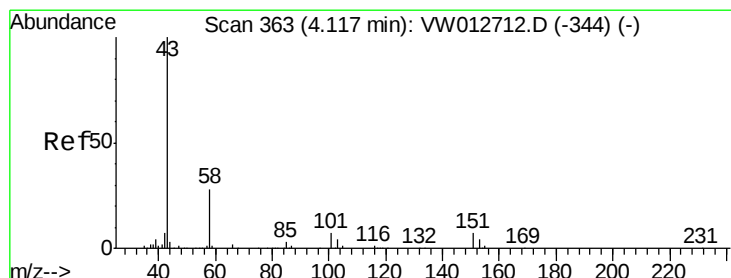
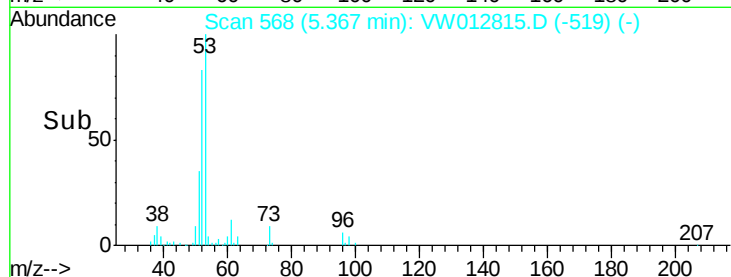
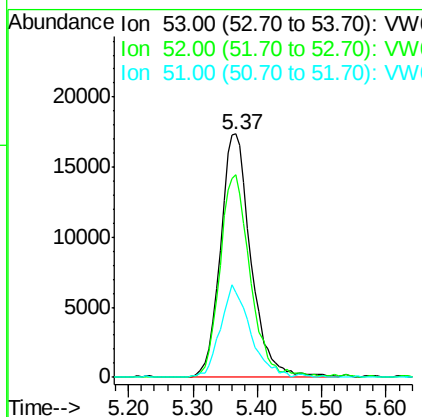
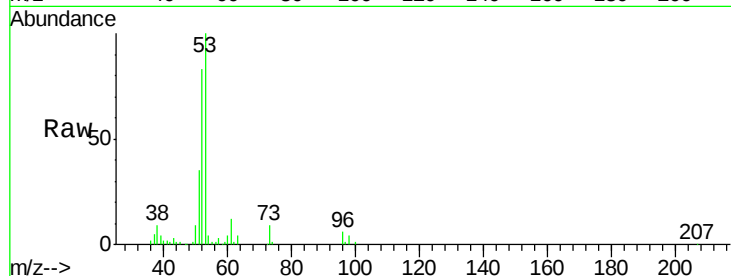
ClientSampleId :

VW0909SBS01

Tot Ion:	53	Resp:	57766
Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.0	100.4
51	37.1	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 68.591 ug/l

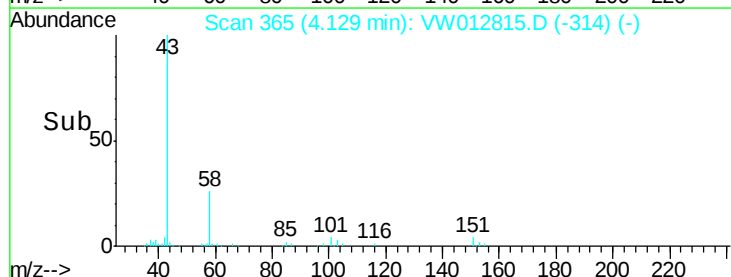
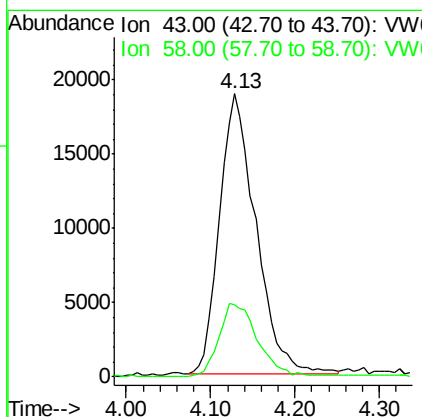
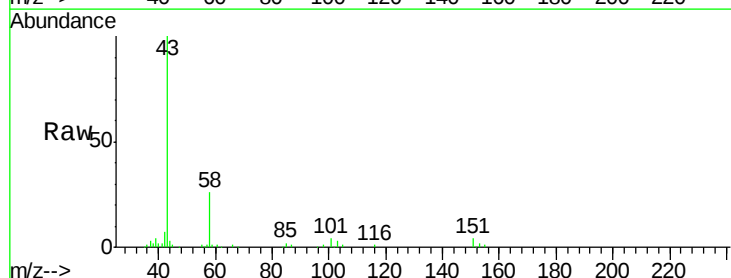
RT: 4.13 min Scan# 365

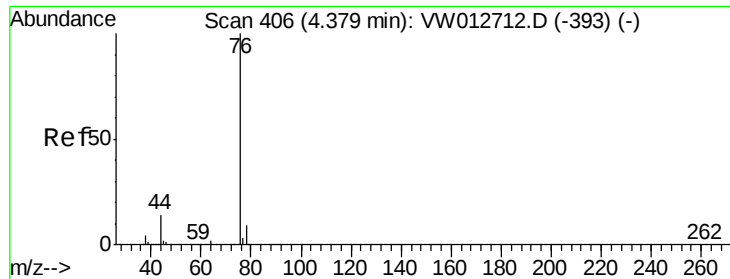
Delta R.T. 0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion:	43	Resp:	56008
Ion	Ratio	Lower	Upper
43	100		
58	25.9	22.6	33.8





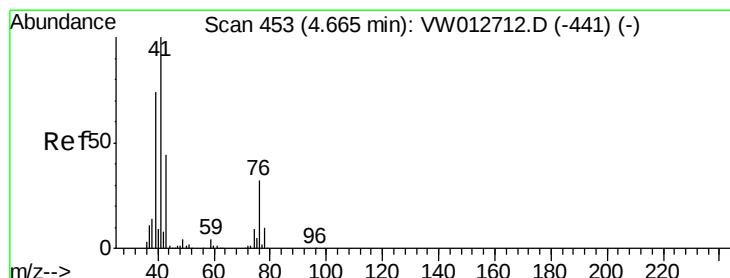
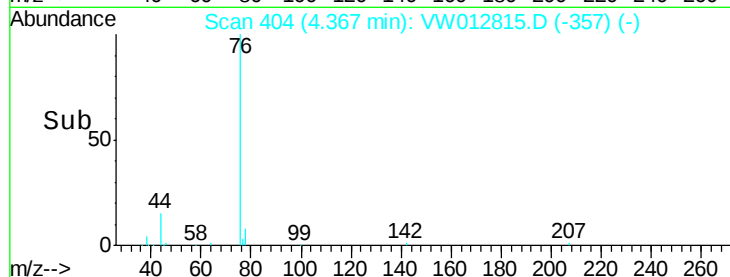
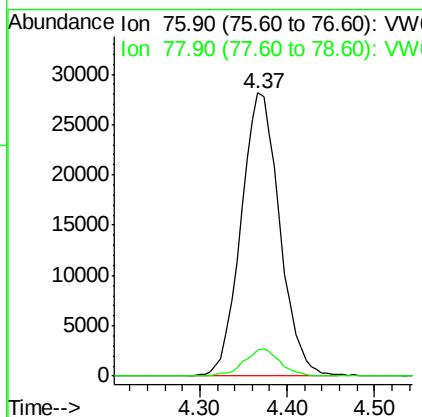
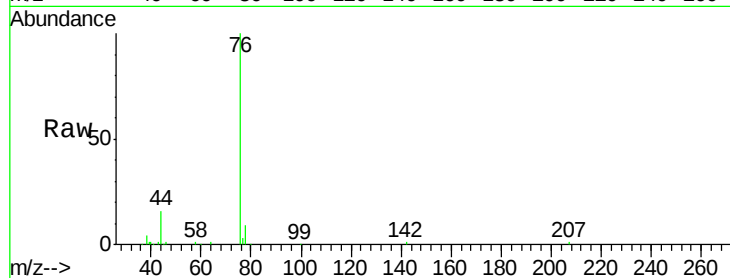
#17
Carbon Disulfide
Concen: 18.345 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

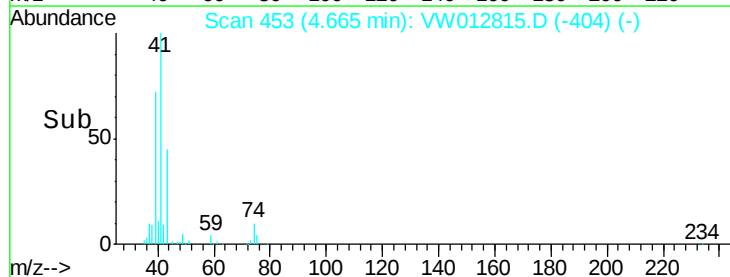
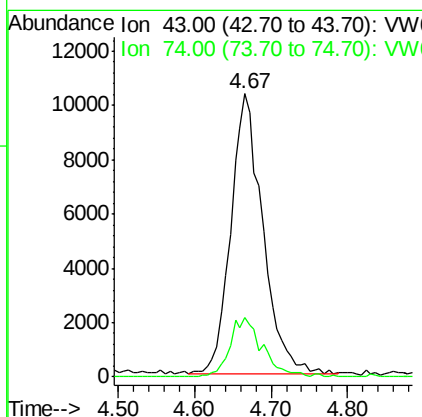
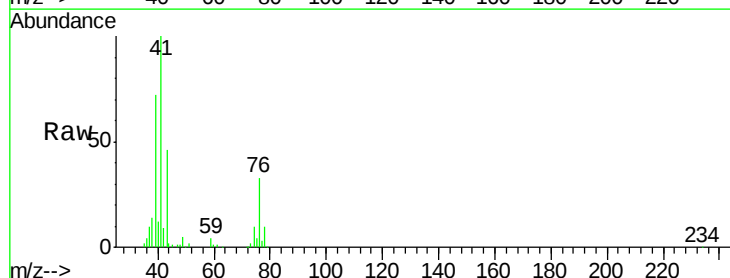
Manual Integrations
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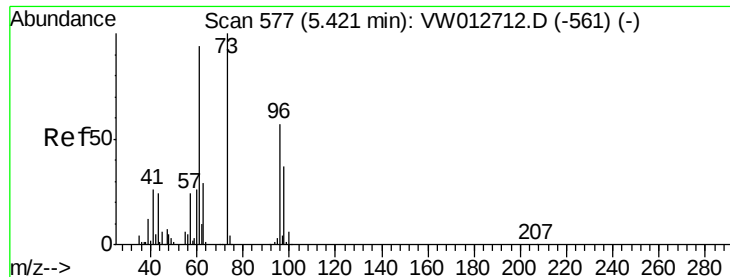
MMDadoda
9/11/2019 8:15:40 AM



#18
Methyl Acetate
Concen: 15.485 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	15.8	23.6





#19

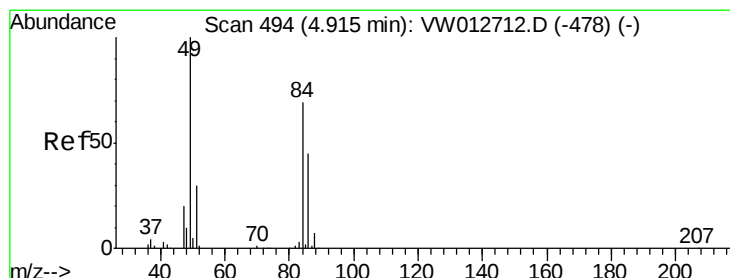
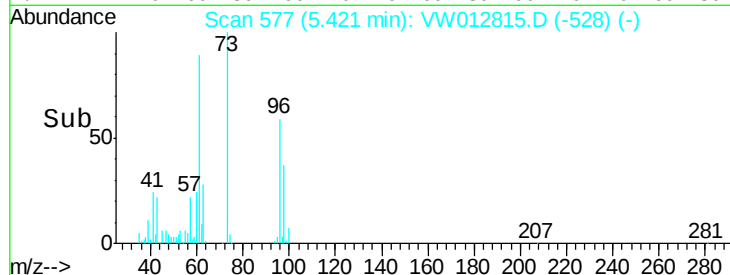
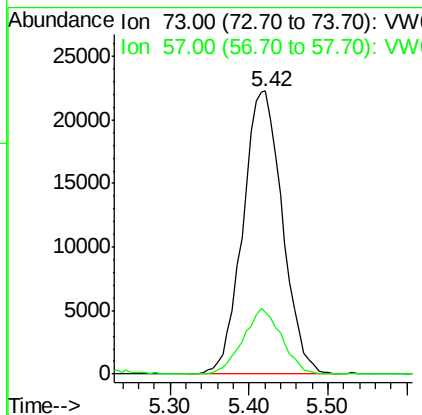
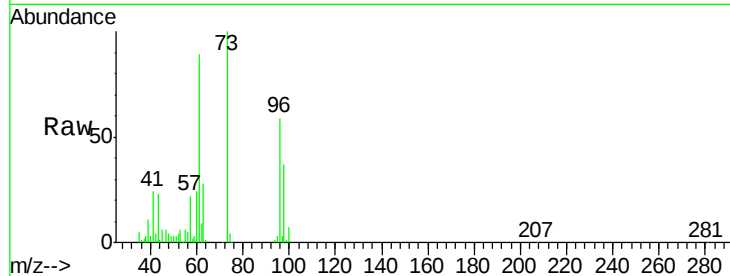
Methyl tert-butyl Ether
 Concen: 17.629 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion: 73 Resp: 77400
 Ion Ratio Lower Upper
 73 100
 57 22.1 19.2 28.8

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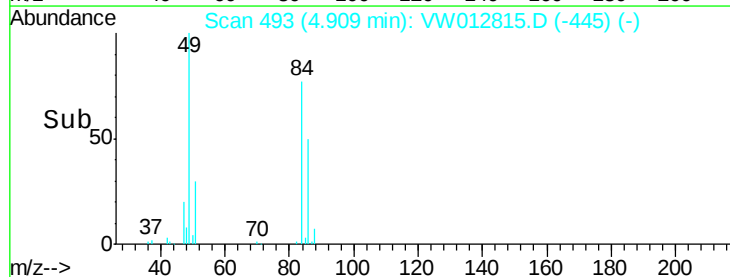
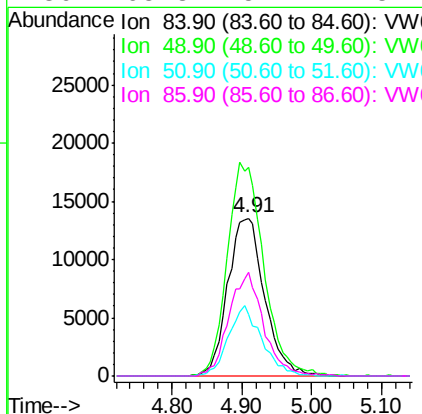
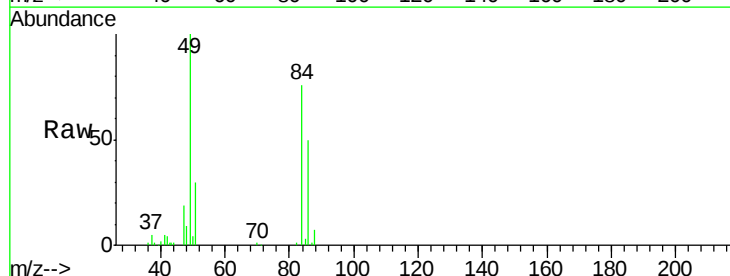
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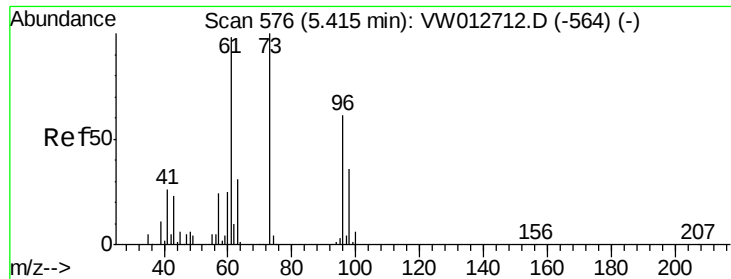


#20

Methylene Chloride
 Concen: 19.340 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion: 84 Resp: 49407
 Ion Ratio Lower Upper
 84 100
 49 131.7 115.4 173.0
 51 39.2 34.9 52.3
 86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.014 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

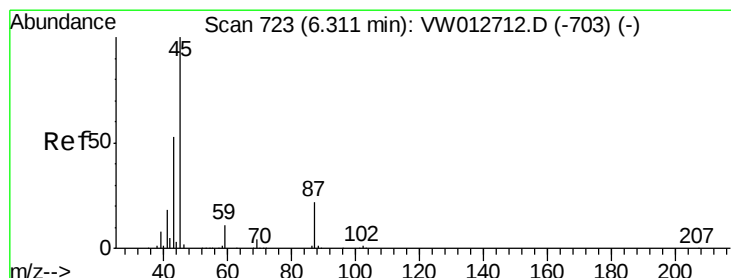
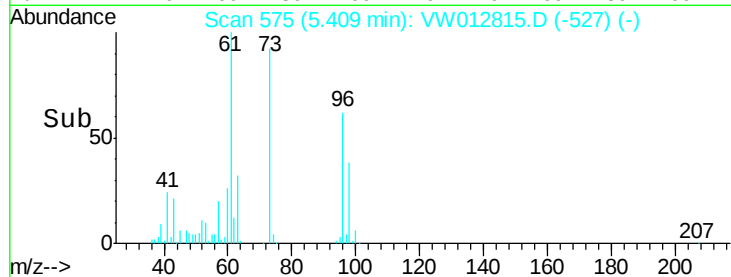
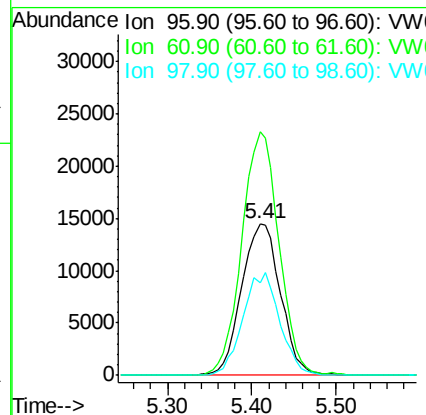
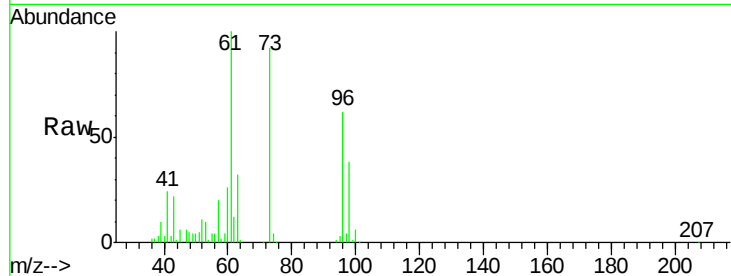
ClientSampleId :

VW0909SBS01

Tot Ion:	96	Resp:	45207
Ion	Ratio	Lower	Upper
96	100		
61	160.1	129.2	193.8
98	61.1	48.0	72.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.528 ug/l

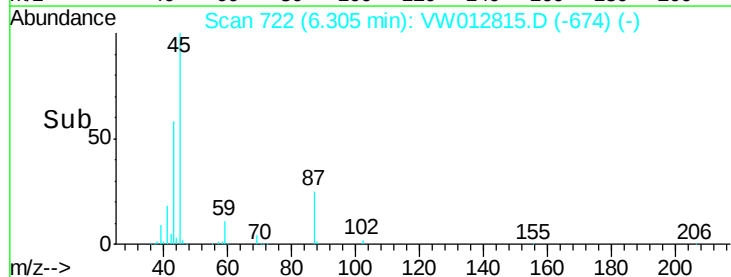
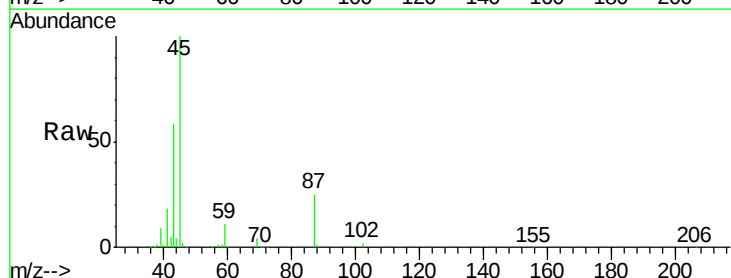
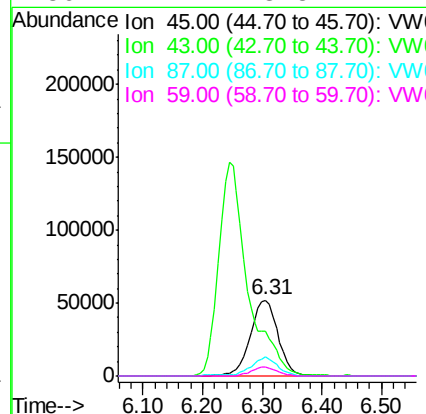
RT: 6.31 min Scan# 722

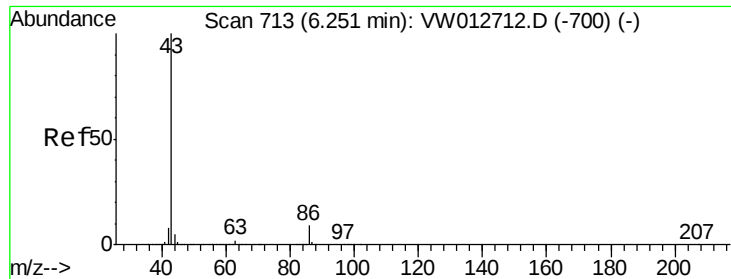
Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion:	45	Resp:	168288
Ion	Ratio	Lower	Upper
45	100		
43	57.9	42.3	63.5
87	25.0	18.2	27.2
59	11.2	8.5	12.7





#23

Vinyl Acetate

Concen: 85.693 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion: 43 Resp: 493262

Ion Ratio Lower Upper

43 100

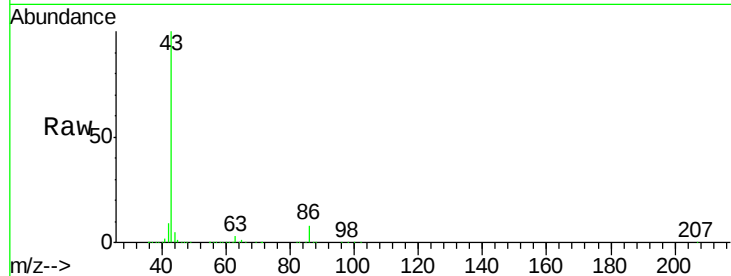
86 8.4 7.0 10.6

Manual Integrations

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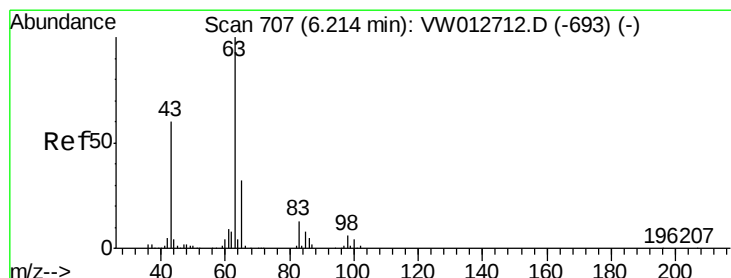
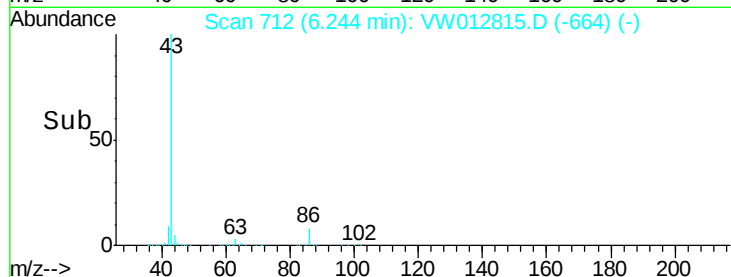
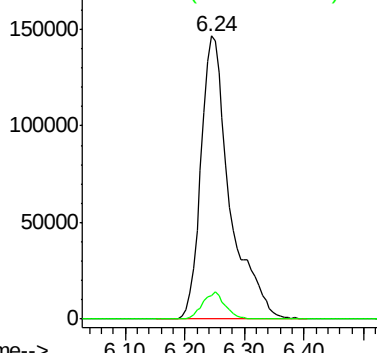
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.101 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

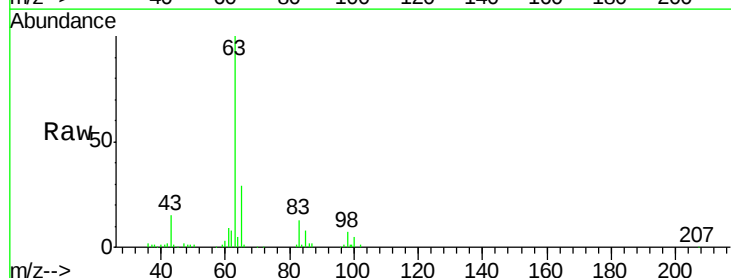
Tgt Ion: 63 Resp: 93414

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

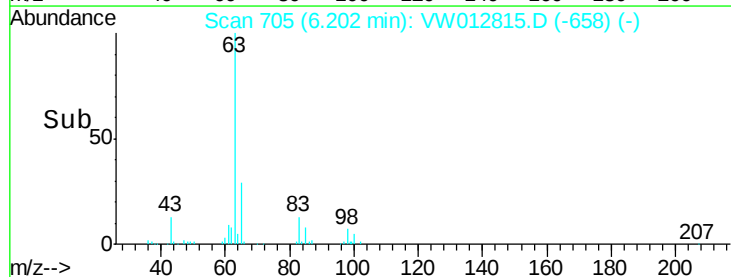
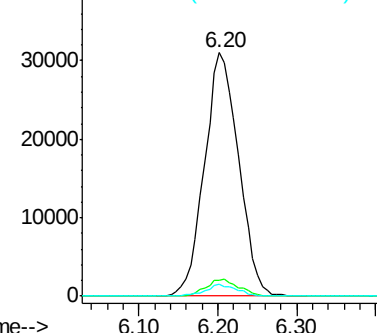
100 5.1 1.8 5.5

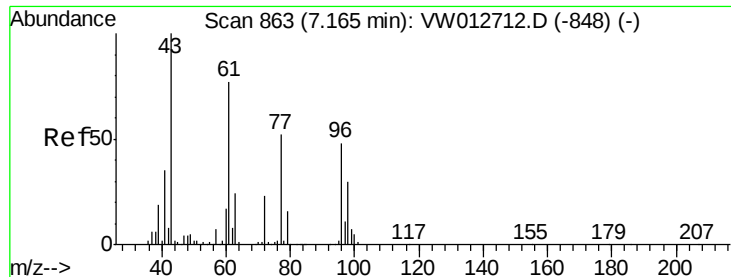


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 79.150 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion: 43 Resp: 77610

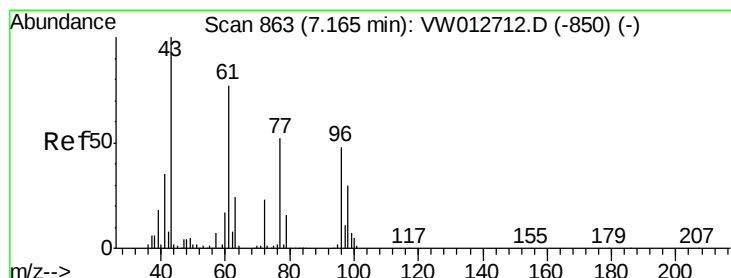
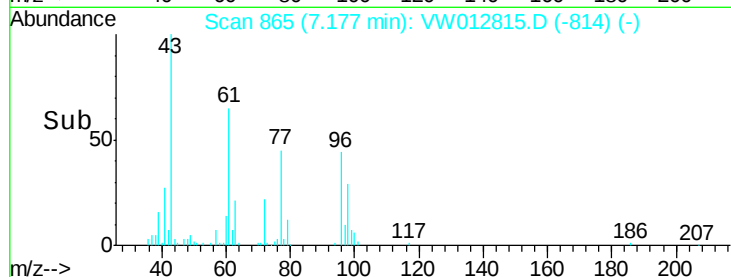
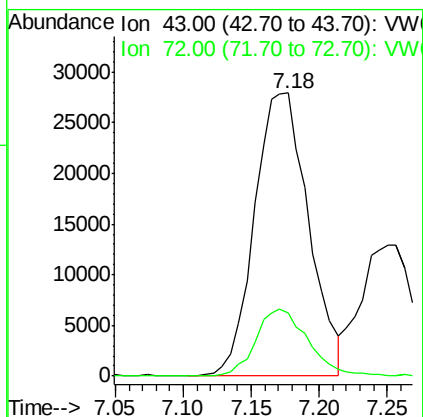
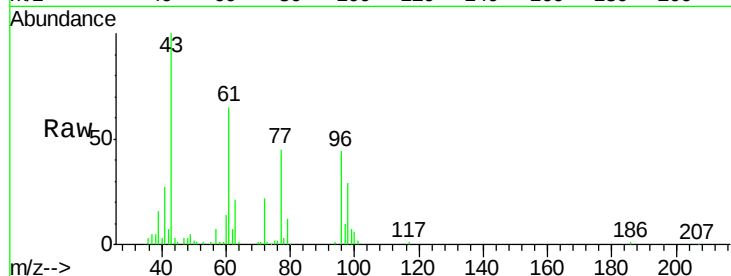
Ion Ratio Lower Upper

43 100

72 22.3 18.0 27.0

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#26

2,2-Dichloropropane

Concen: 18.474 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012815.D

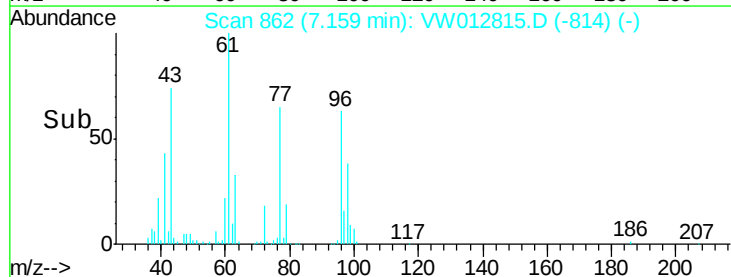
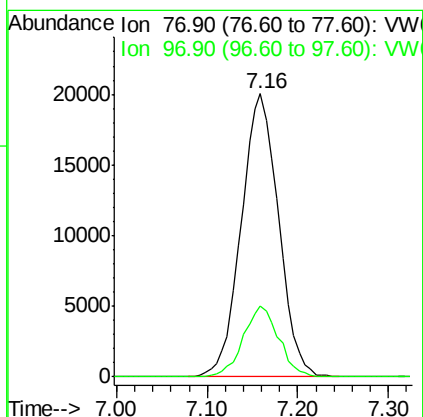
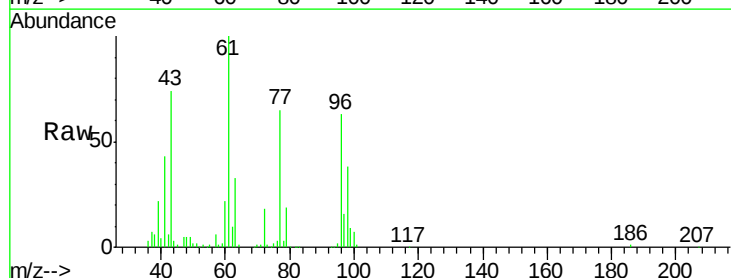
Acq: 09 Sep 2019 12:31

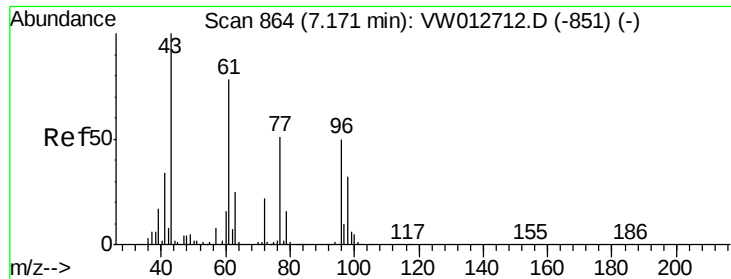
Tgt Ion: 77 Resp: 57063

Ion Ratio Lower Upper

77 100

97 23.8 10.7 32.1





#27

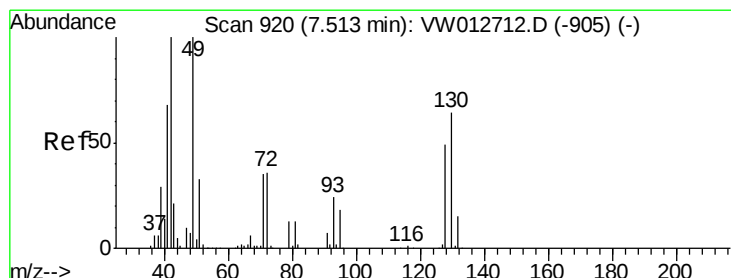
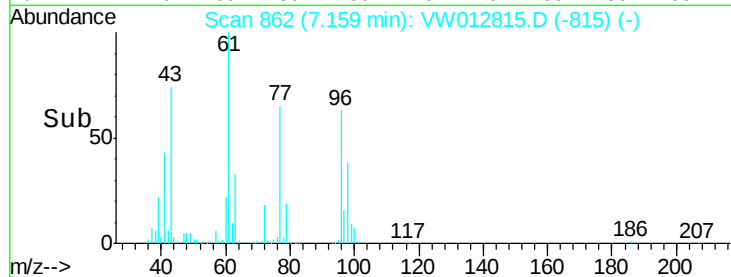
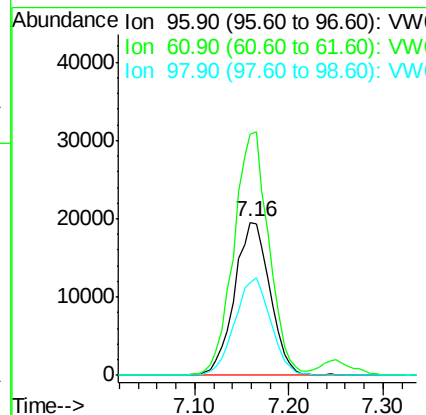
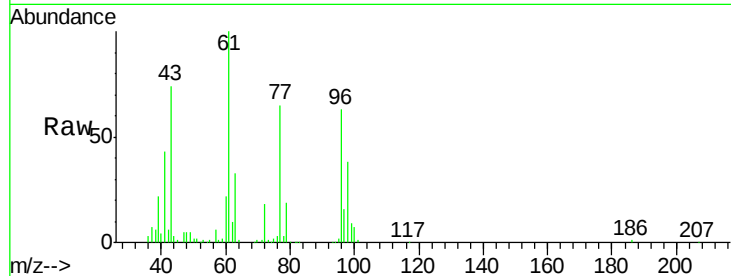
cis-1,2-Dichloroethene
 Concen: 19.668 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.9	0.0	325.8	
98	64.2	0.0	127.0	

Manual Integrations
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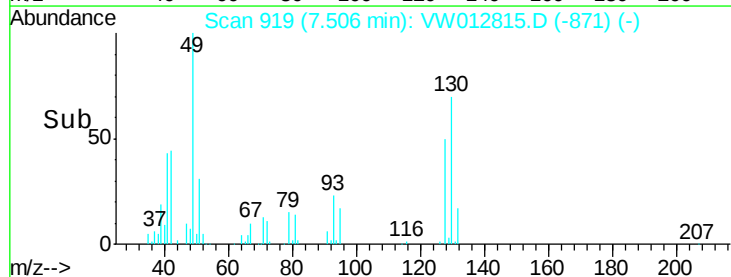
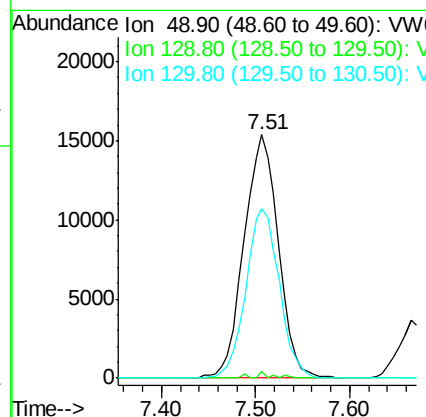
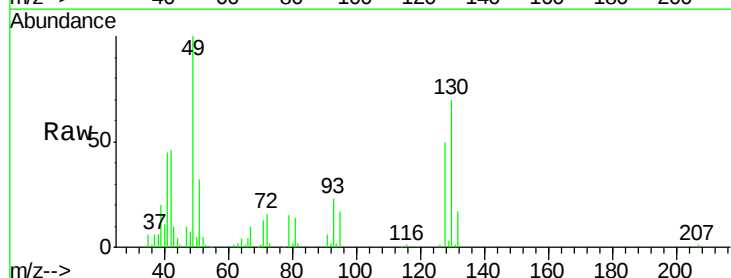
MMDadoda
 9/11/2019 8:15:40 AM

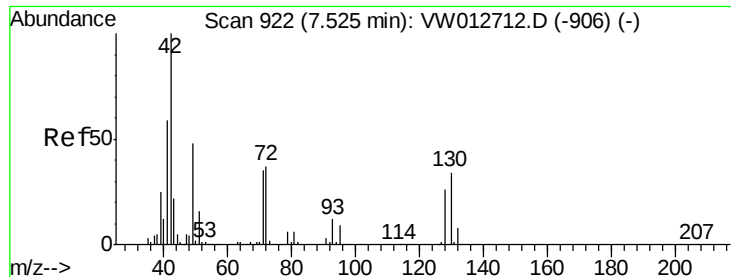


#28

Bromochloromethane
 Concen: 17.316 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.6	0.0	0.8	
130	67.9	49.8	74.8	





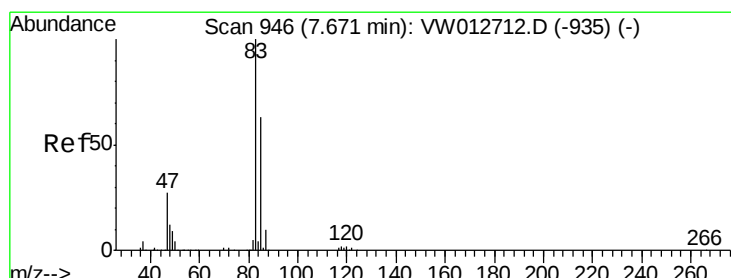
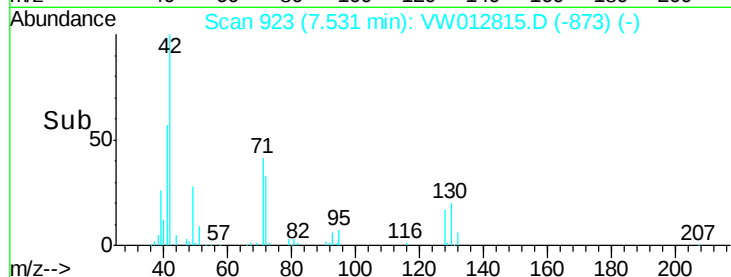
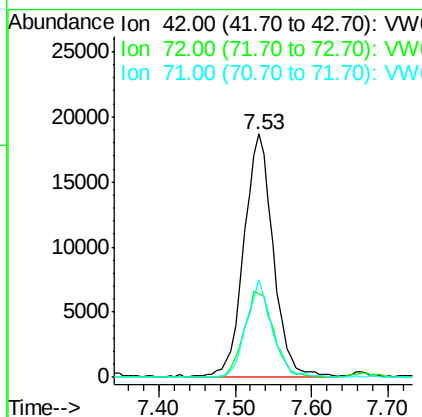
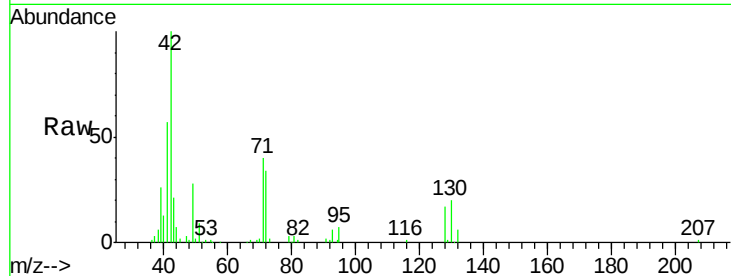
#29
Tetrahydrofuran
Concen: 75.012 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion:	42	Resp:	49463
Ion Ratio		Lower	Upper
42	100		
72	35.7	28.4	42.6
71	35.9	27.1	40.7

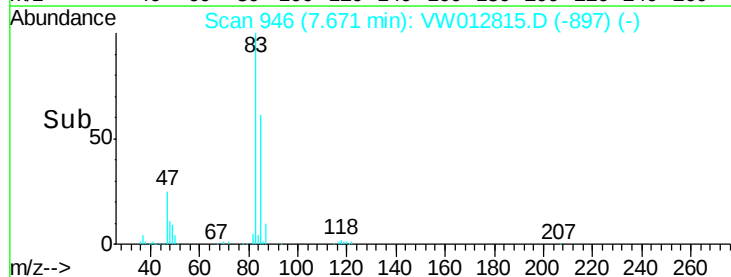
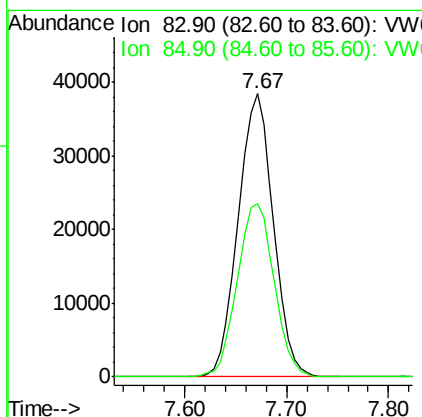
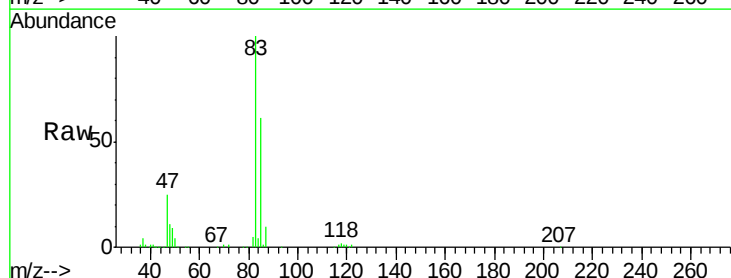
Manual Integrations
APPROVED

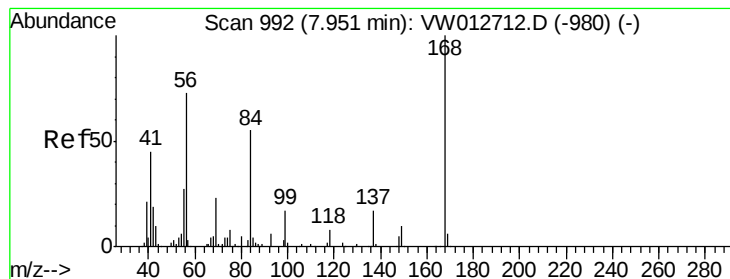
MMDadoda
9/11/2019 8:15:40 AM



#30
Chloroform
Concen: 18.995 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion:	83	Resp:	92064
Ion Ratio		Lower	Upper
83	100		
85	61.3	50.6	76.0





#31

Cyclohexane

Concen: 19.003 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

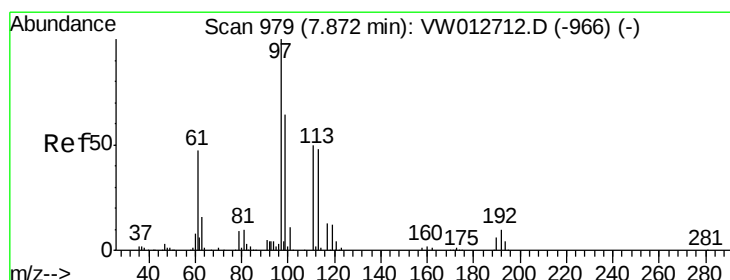
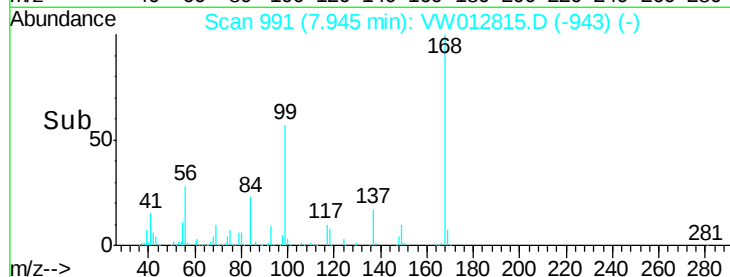
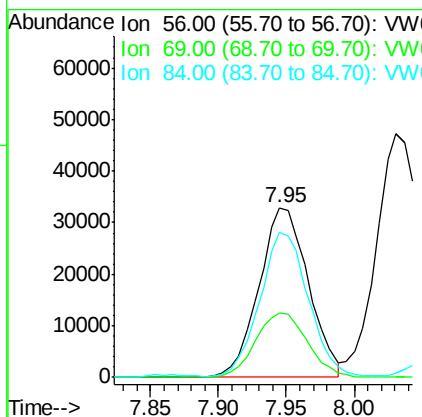
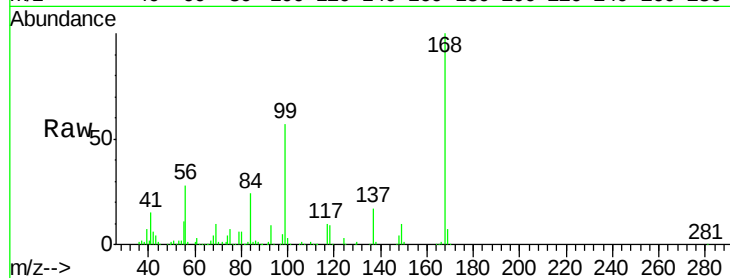
ClientSampleId :

VW0909SBS01

Tot Ion:	56	Resp:	83666
Ion Ratio	Lower	Upper	
56	100		
69	37.7	25.7	38.5
84	84.4	60.4	90.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.166 ug/l

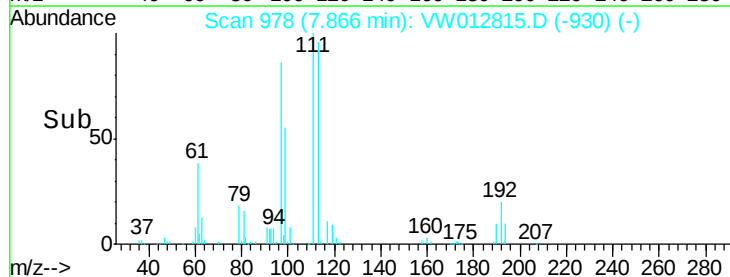
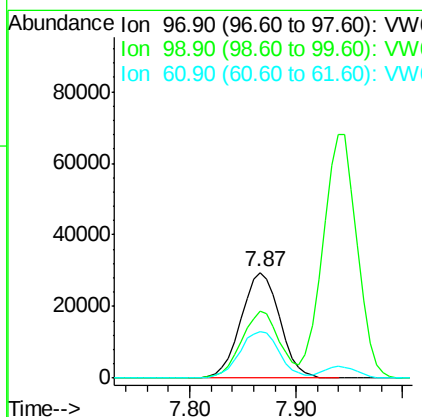
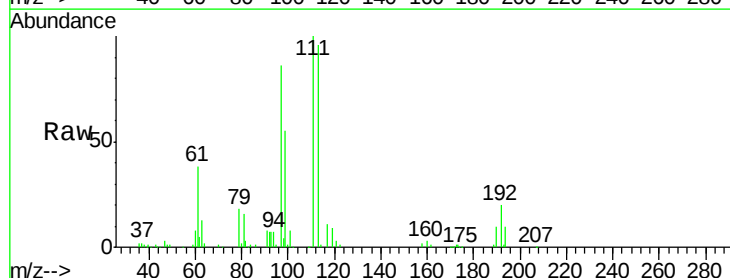
RT: 7.87 min Scan# 978

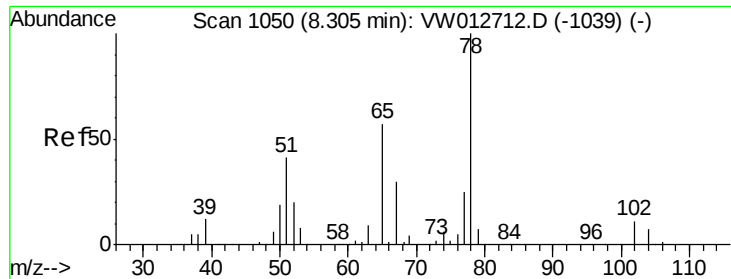
Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion:	97	Resp:	75300
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.5	77.3
61	45.7	37.9	56.9





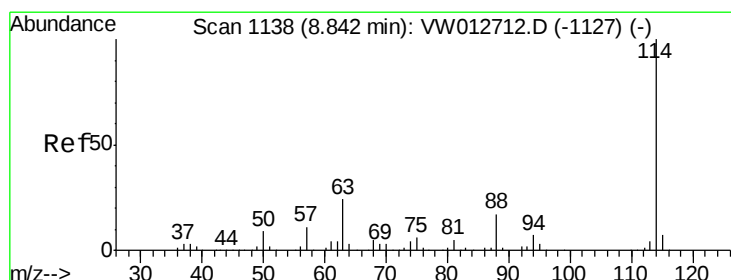
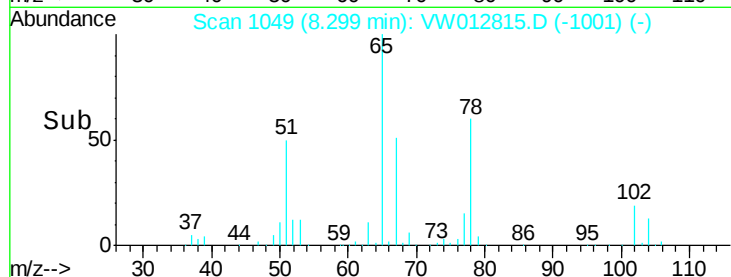
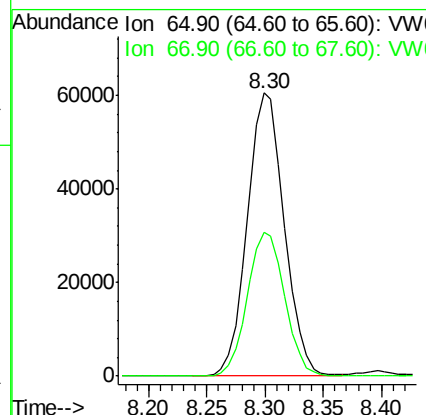
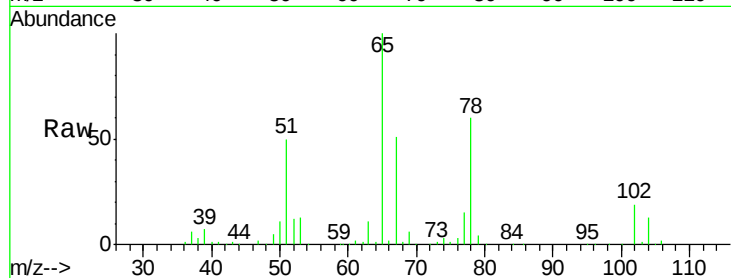
#33
 1,2-Dichloroethane-d4
 Concen: 44.630 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133676		
67	51.4	0.0	101.8	

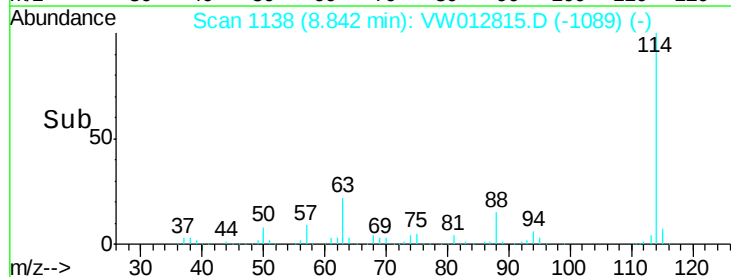
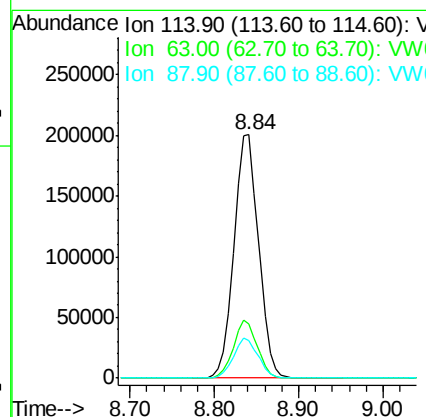
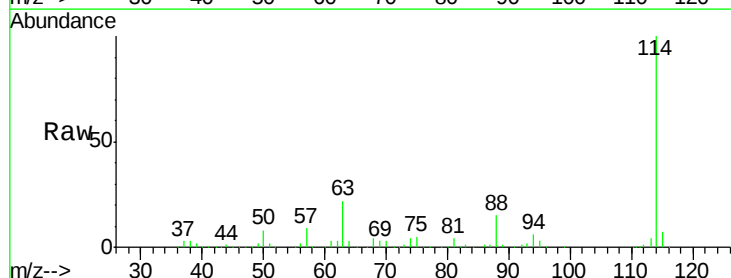
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	396221		
63	22.3	0.0	47.2	
88	15.5	0.0	34.0	





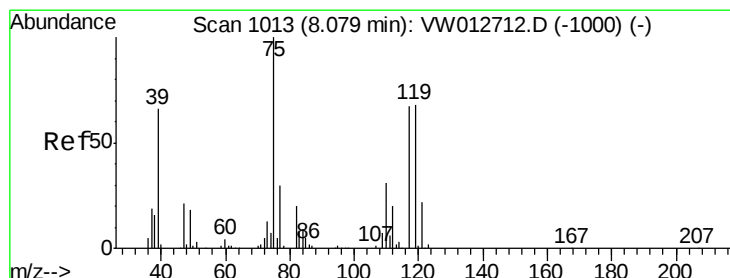
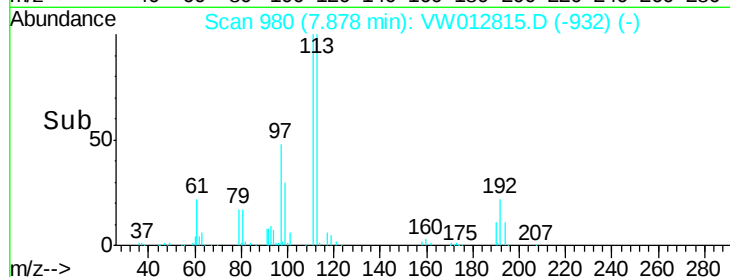
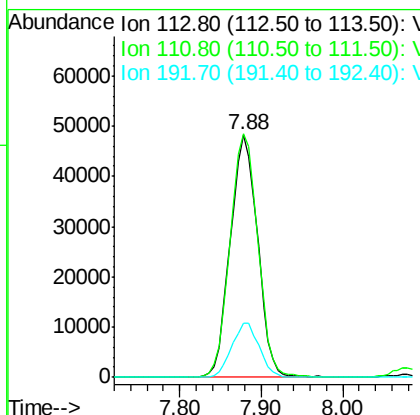
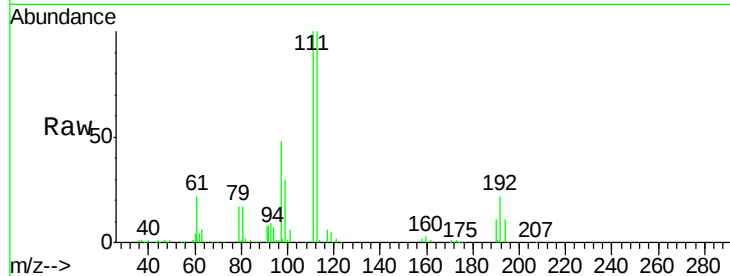
#35
Dibromofluoromethane
Concen: 47.327 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.0	80.2	120.4	
192	22.4	17.3	25.9	

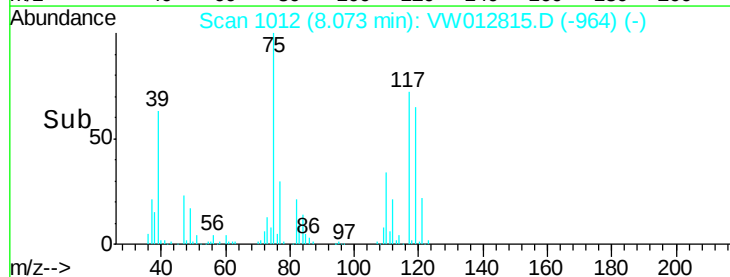
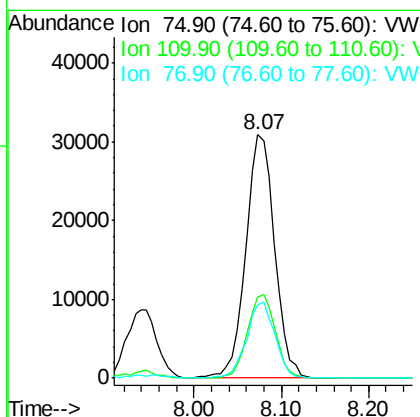
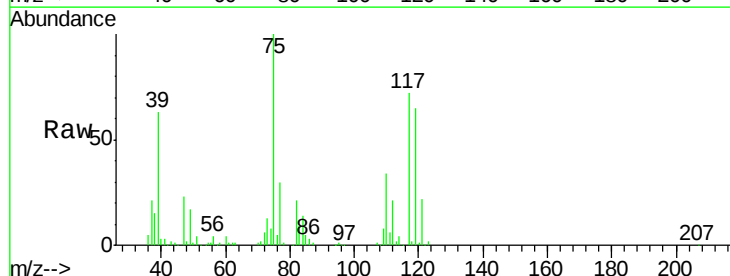
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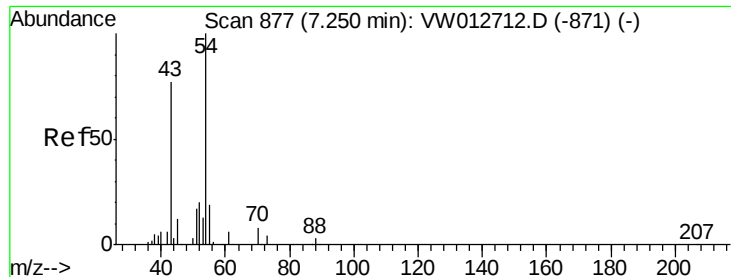
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#36
1,1-Dichloropropene
Concen: 20.043 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.3	15.9	47.7	
77	30.8	25.0	37.4	





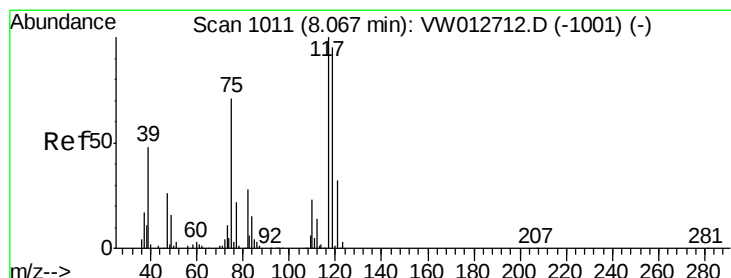
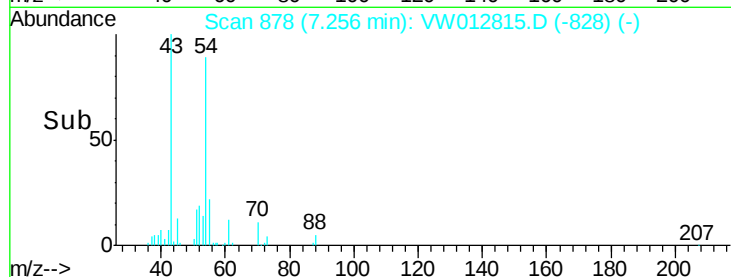
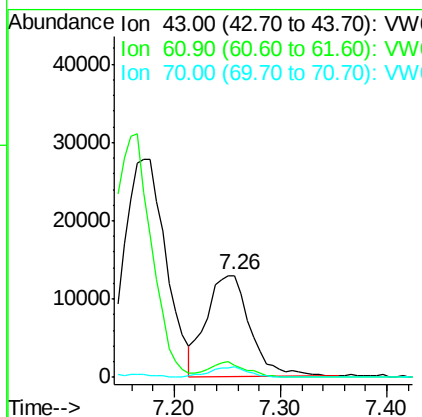
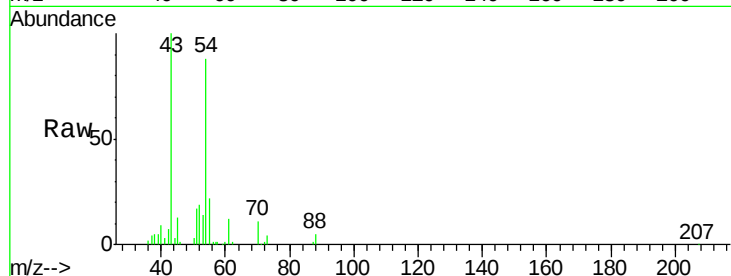
#37
Ethyl Acetate
Concen: 16.259 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.5	14.3
70	9.1	7.0	10.6

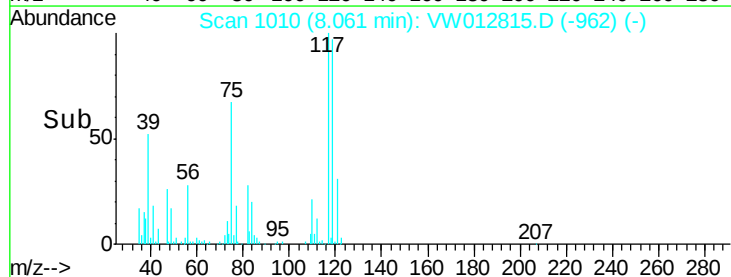
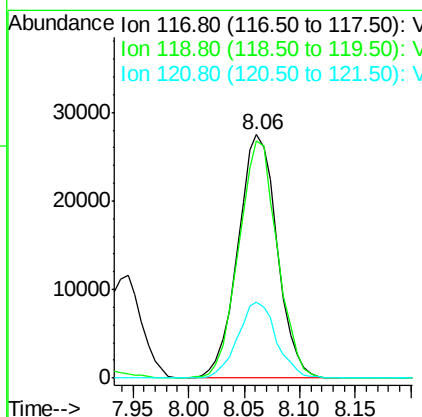
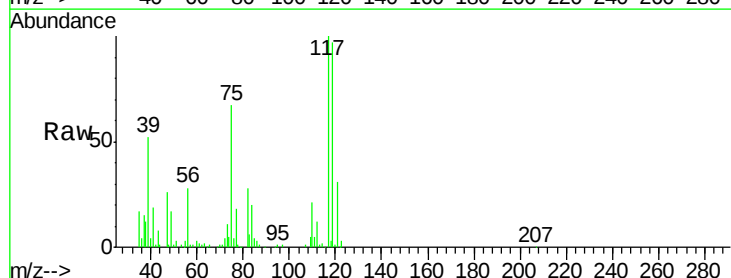
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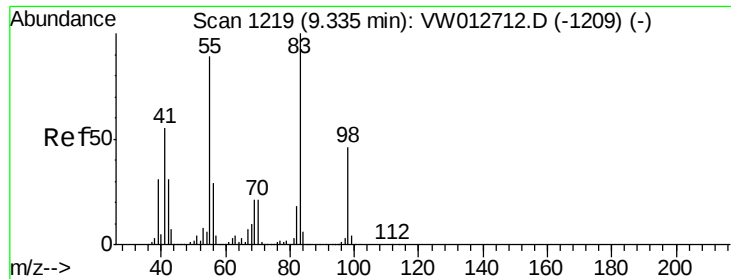
MMDadoda
9/11/2019 8:15:40 AM



#38
Carbon Tetrachloride
Concen: 19.345 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.2
121	31.2	25.4	38.2





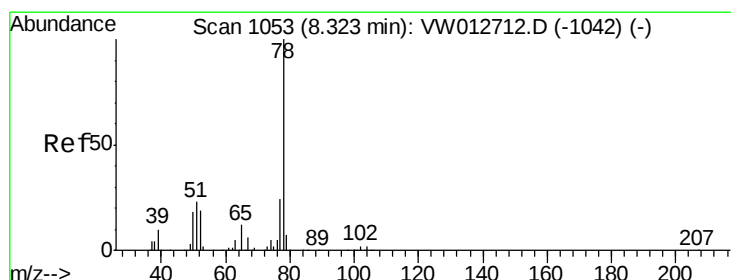
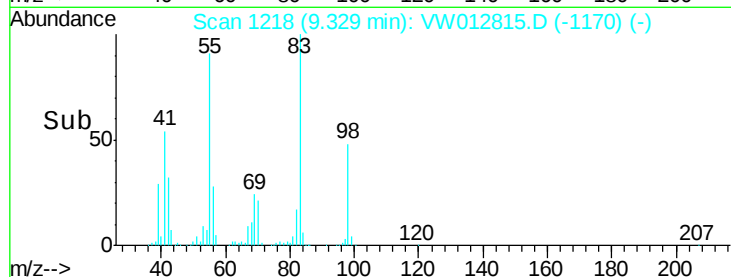
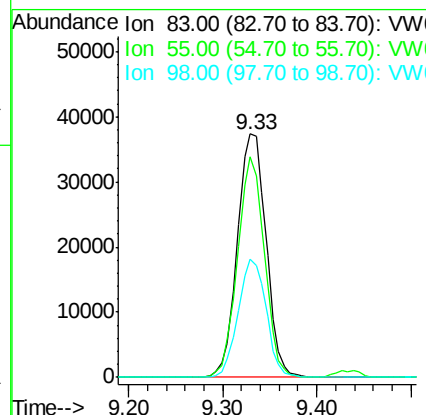
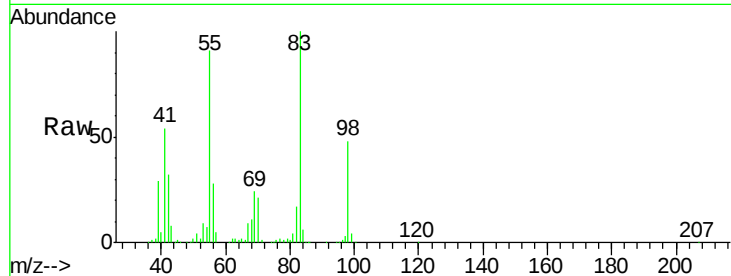
#39
Methvlcvclohexane
Concen: 20.027 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.6	71.0	106.4
98	48.3	36.9	55.3

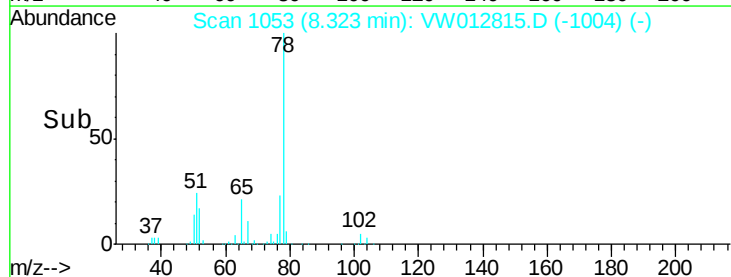
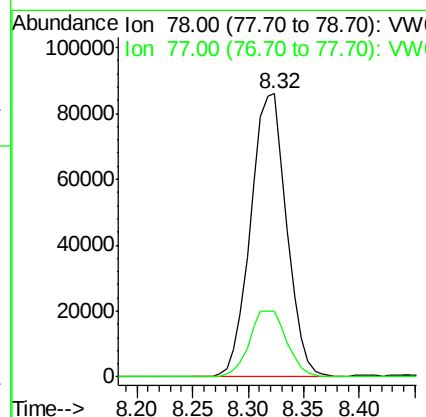
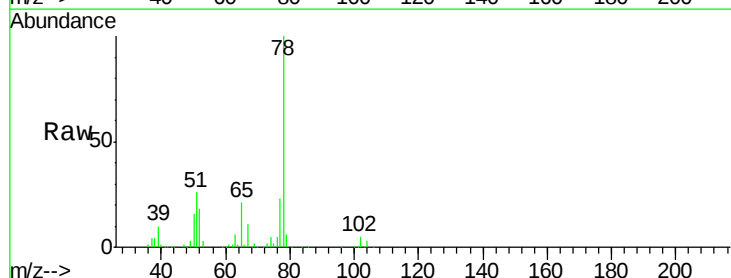
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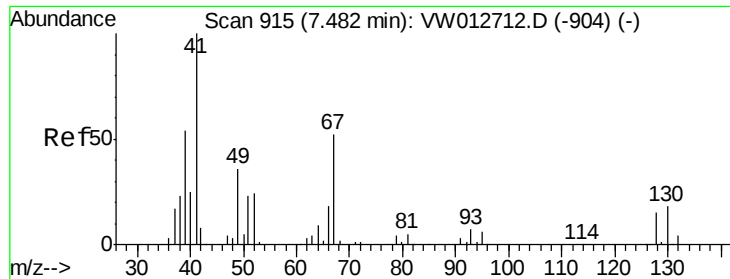
MMDadoda
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#40
Benzene
Concen: 19.887 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





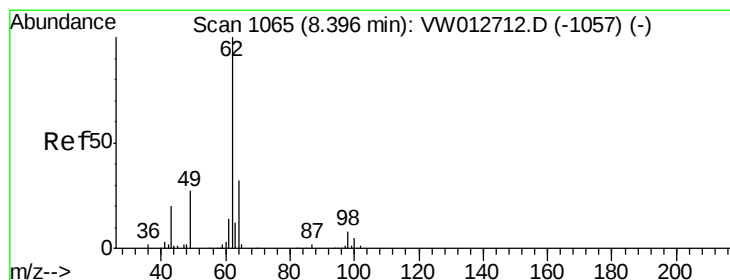
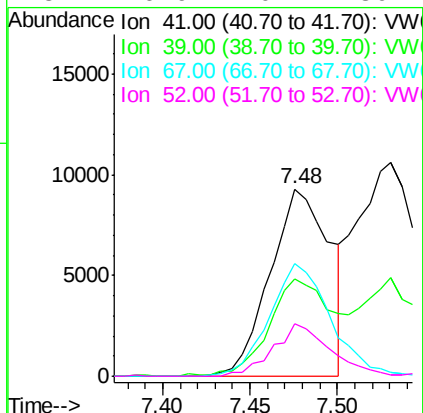
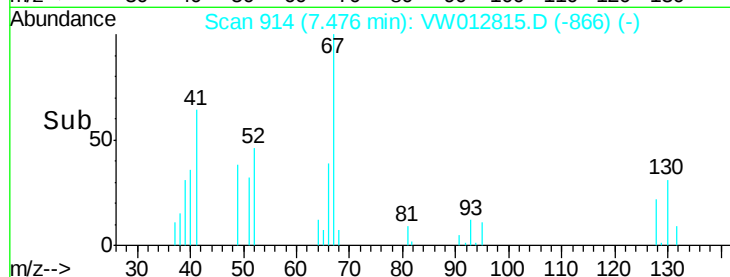
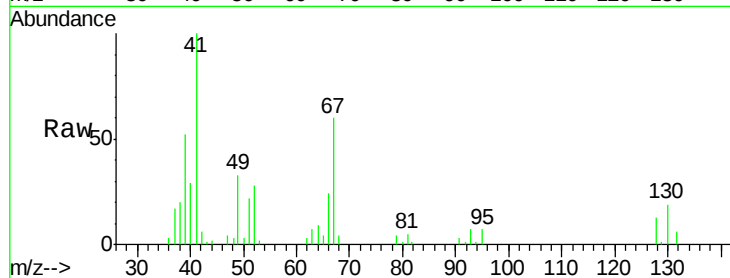
#41
Methacrylonitrile
Concen: 17.165 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion:	41	Resp:	22020
Ion	Ratio	Lower	Upper
41	100		
39	57.8	47.5	71.3
67	62.8	45.1	67.7
52	26.9	20.2	30.2

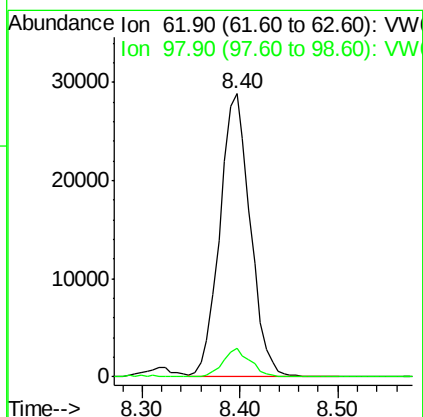
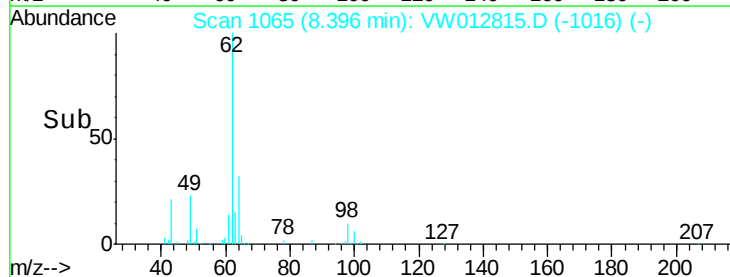
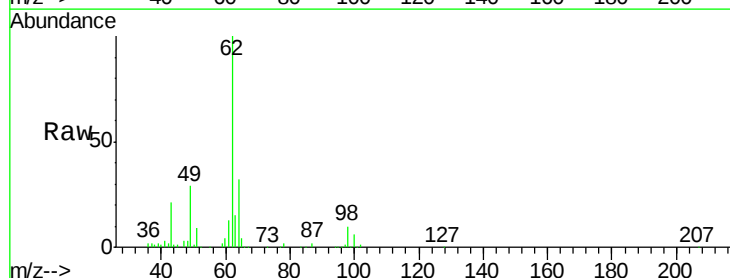
Manual Integrations
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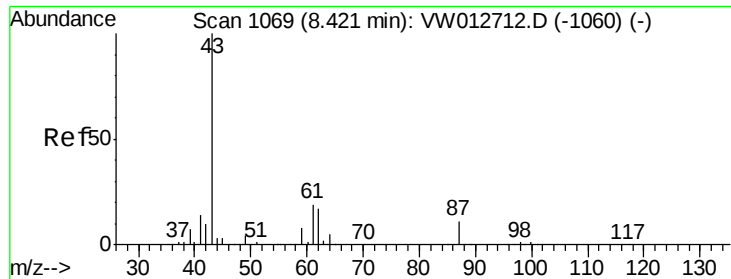
MMDadoda
9/11/2019 8:15:40 AM



#42
1,2-Dichloroethane
Concen: 18.128 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion:	62	Resp:	62319
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 15.900 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

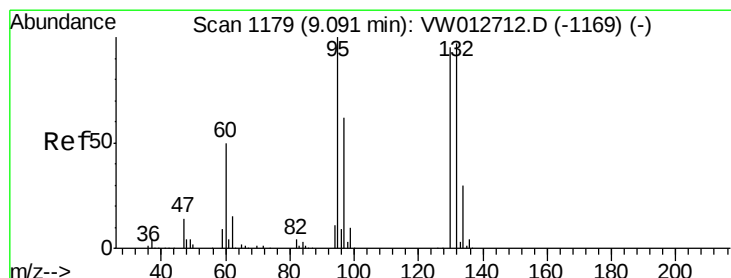
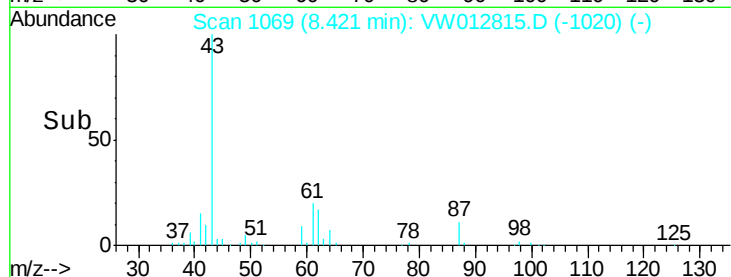
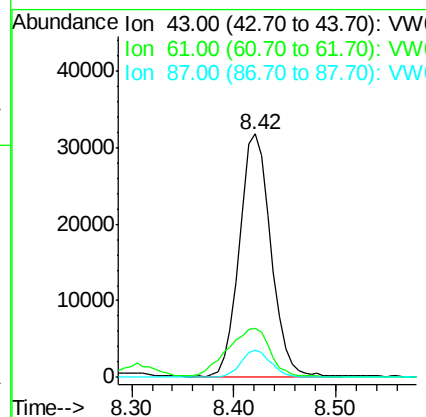
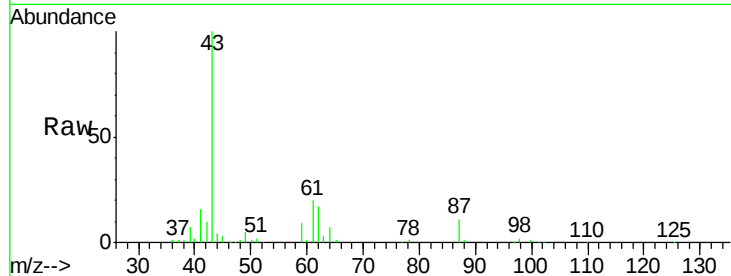
ClientSampleId :

VW0909SBS01

Tot Ion:	43	Resp:	67603
Ion	Ratio	Lower	Upper
43	100		
61	28.0	20.6	30.8
87	11.0	8.6	13.0

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#44

Trichloroethene

Concen: 20.585 ug/l

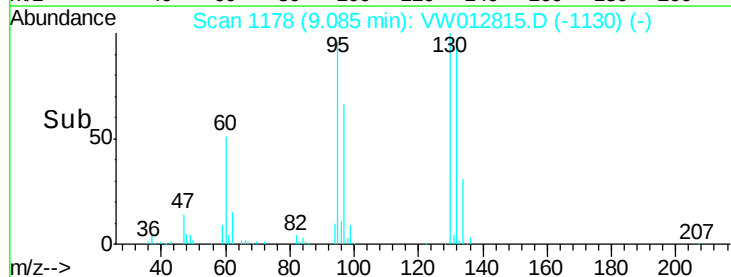
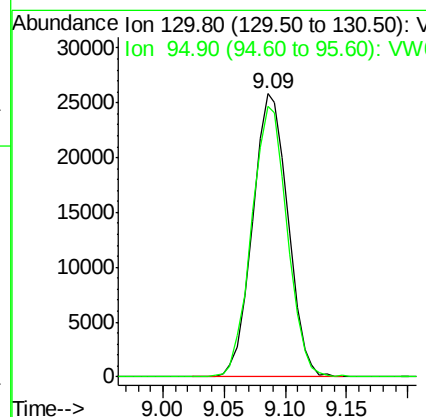
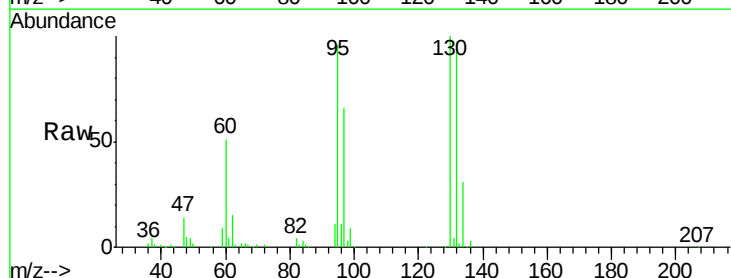
RT: 9.09 min Scan# 1178

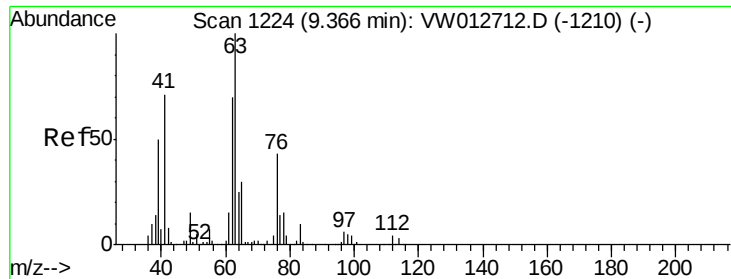
Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion:	130	Resp:	51830
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	210.6





#45

1,2-Dichloropropane

Concen: 18.678 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion: 63 Resp: 50602

Ion Ratio Lower Upper

63 100

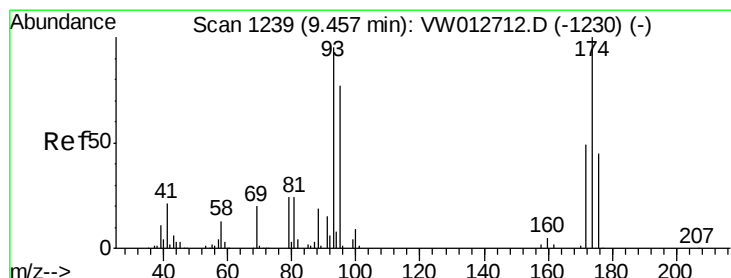
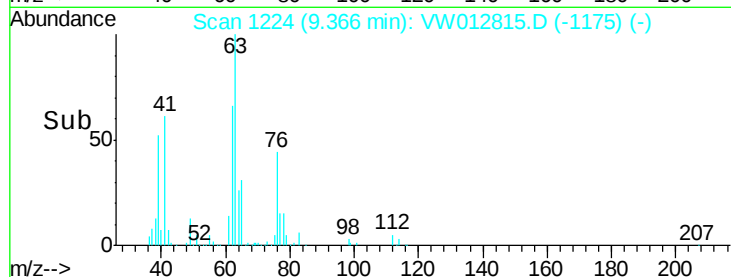
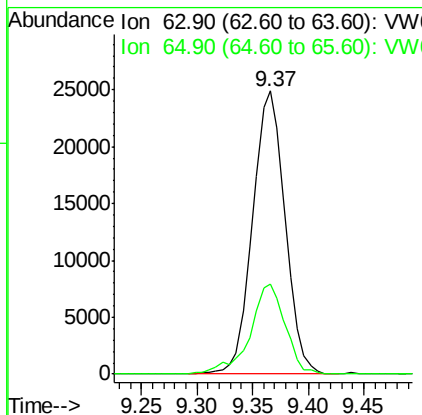
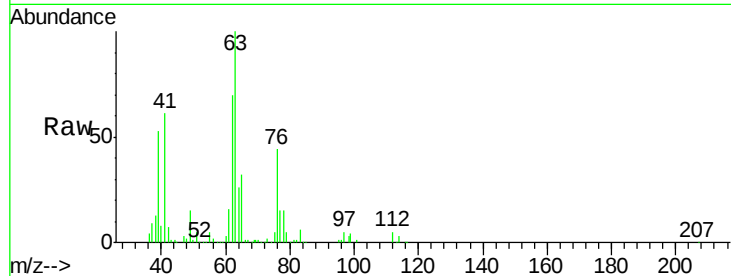
65 31.8 23.8 35.8

Manual Integrations

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#46

Dibromomethane

Concen: 18.911 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

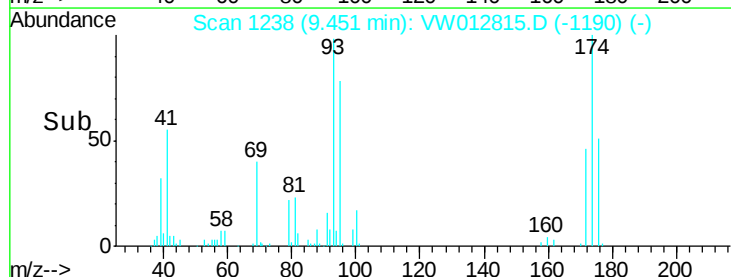
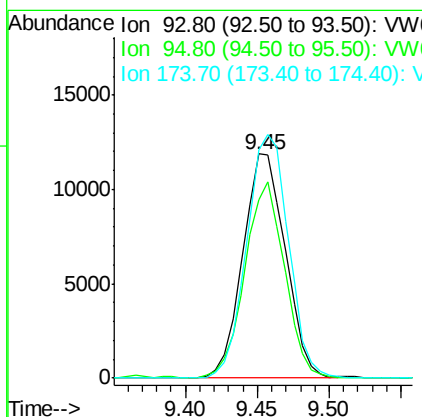
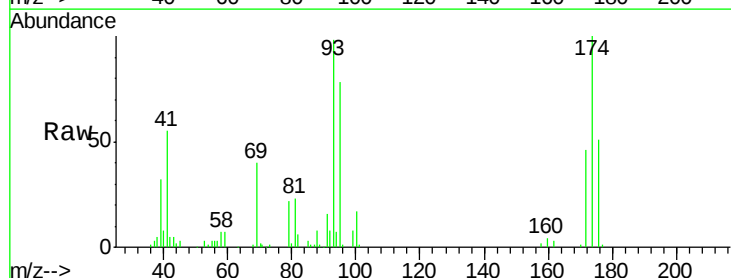
Tgt Ion: 93 Resp: 24260

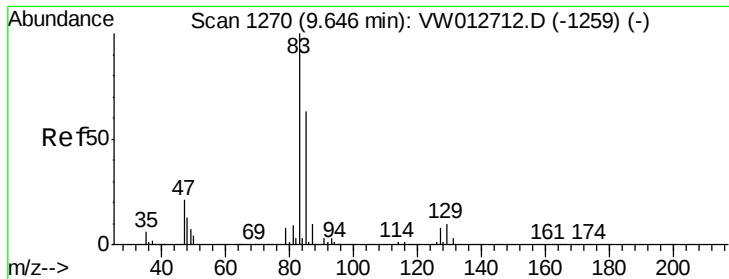
Ion Ratio Lower Upper

93 100

95 81.8 65.2 97.8

174 106.8 84.2 126.4





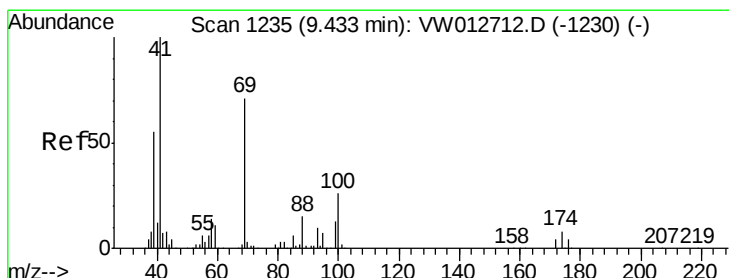
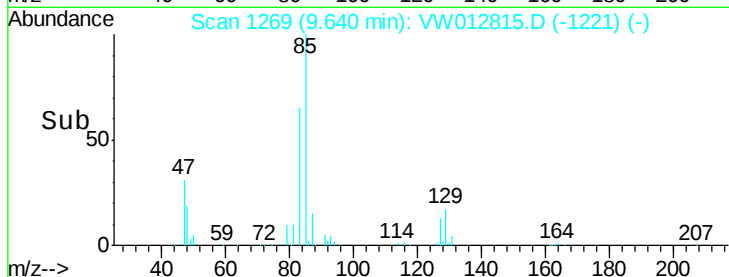
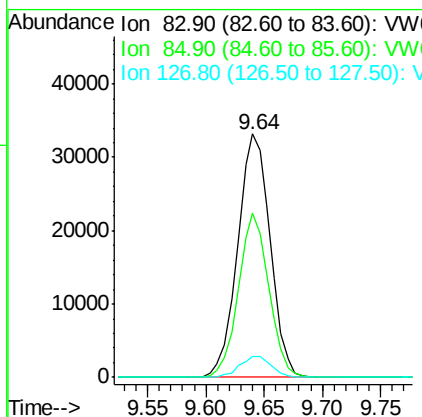
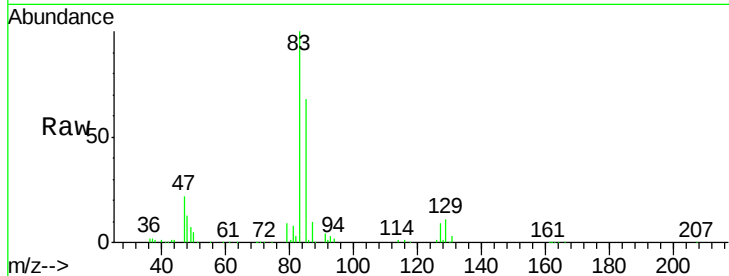
#47
Bromodichloromethane
Concen: 18.246 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	83	Resp	64400
Ion Ratio	100	Lower	Upper
83	100		
85	67.7	50.2	75.2
127	8.7	6.6	9.8

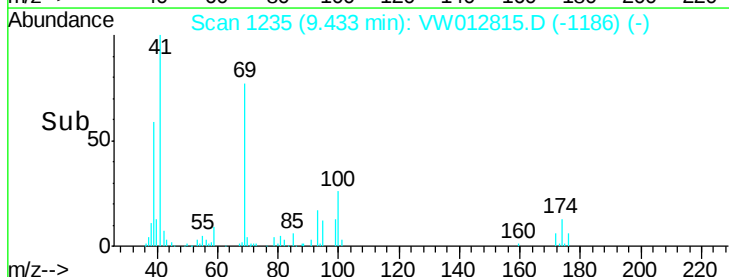
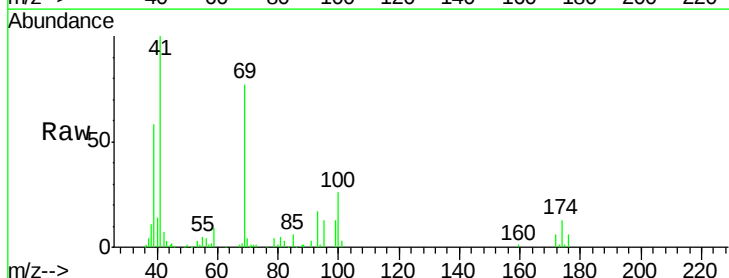
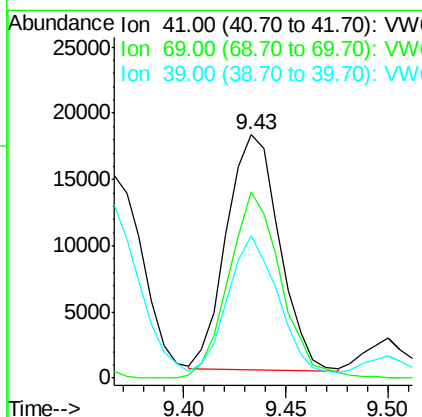
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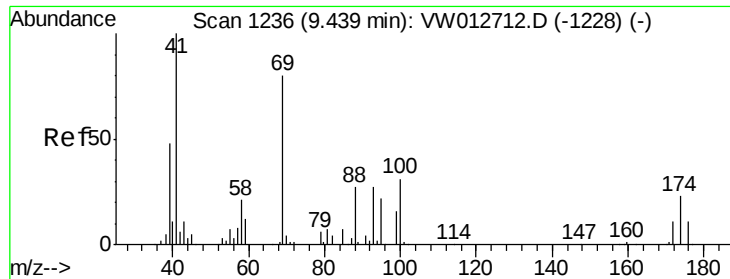
MMDadoda
9/11/2019 8:15:40 AM



#48
Methyl methacrylate
Concen: 15.717 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	41	Resp	31936
Ion Ratio	100	Lower	Upper
41	100		
69	78.5	59.8	89.8
39	54.9	47.0	70.6





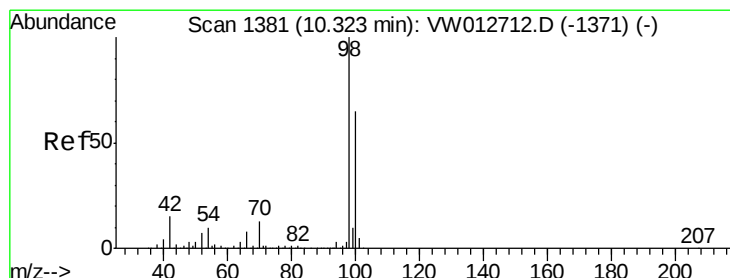
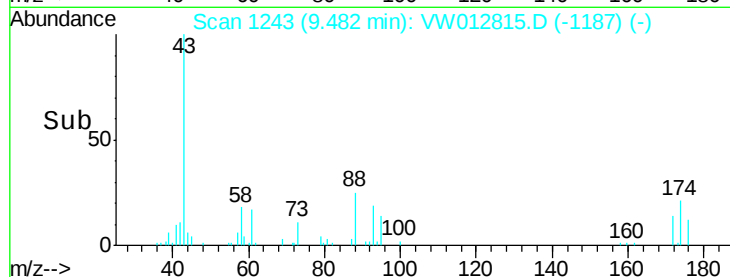
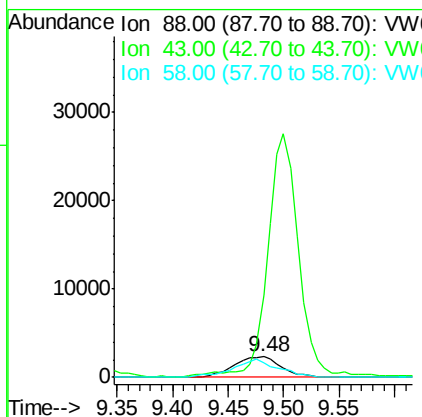
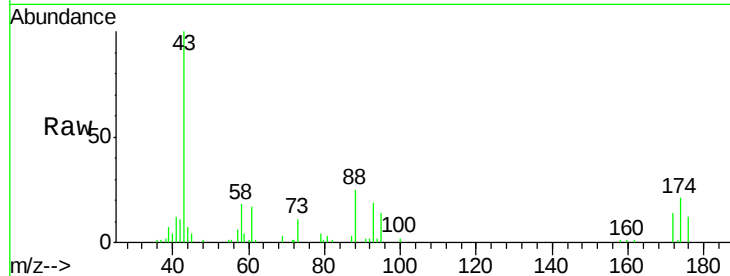
#49
1,4-Dioxane
Concen: 272.924 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.04 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	6916		
43	0.0	34.8	52.2#	
58	82.8	64.1	96.1	

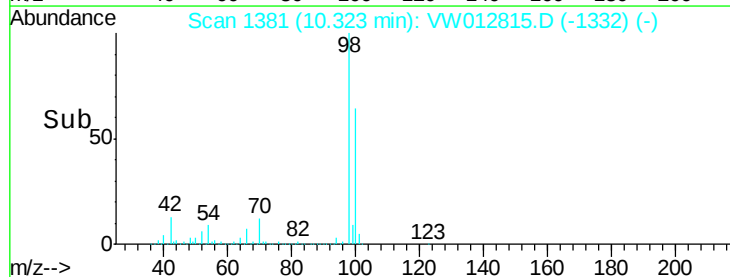
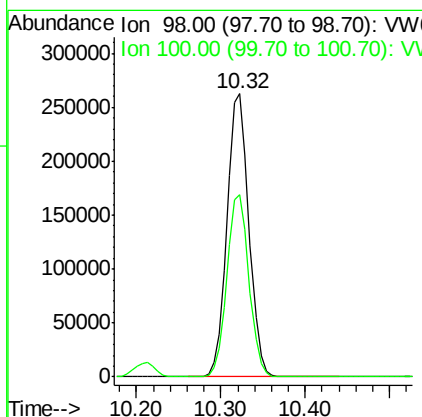
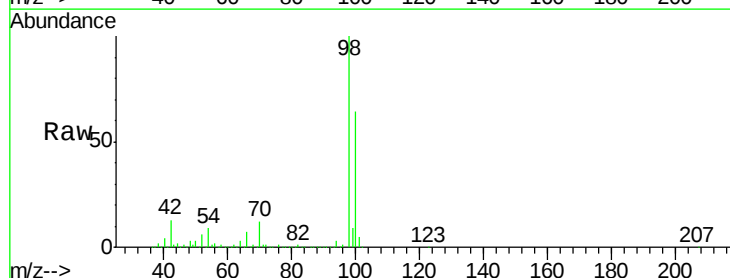
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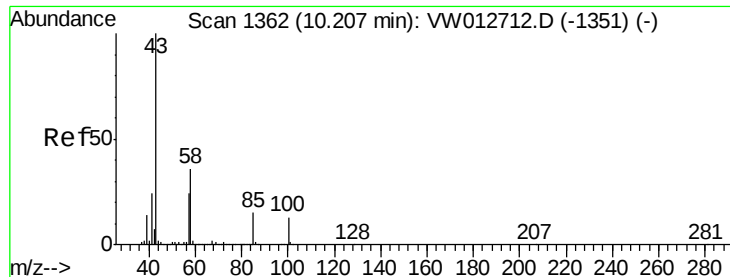
MMDadoda
9/11/2019 8:15:40 AM



#50
Toluene-d8
Concen: 50.341 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	464591		
100	65.0	52.2	78.4	





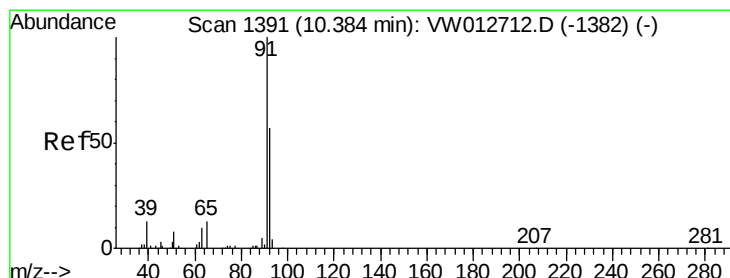
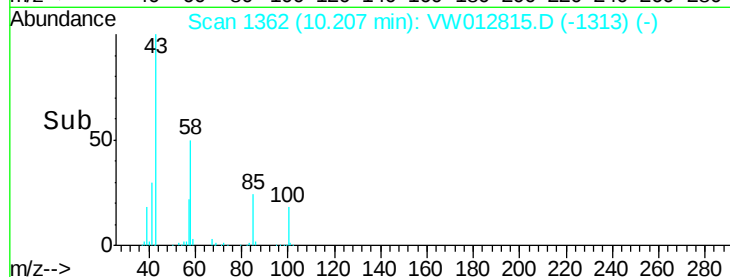
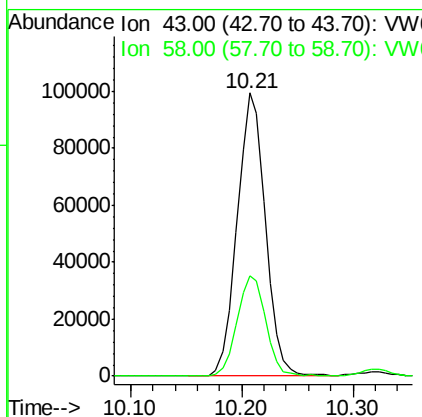
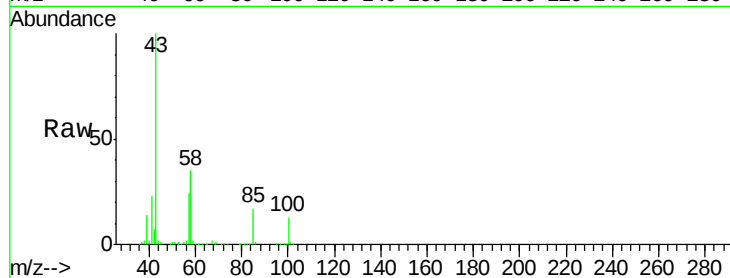
#51
4-Methyl-2-Pentanone
Concen: 78.107 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	43	Resp	174262
Ion Ratio	43	100	
Lower	58	35.8	28.4
Upper			42.6

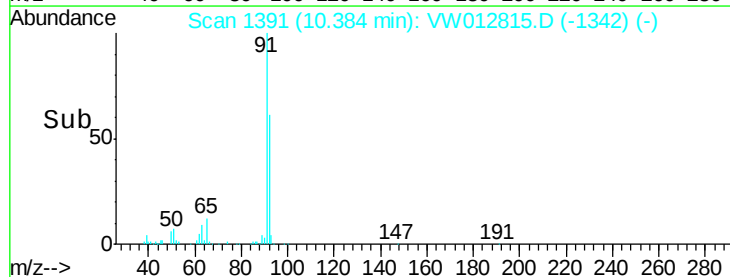
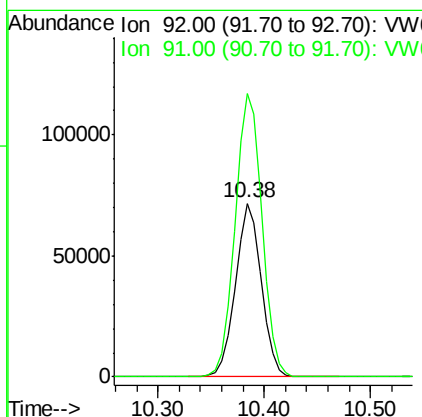
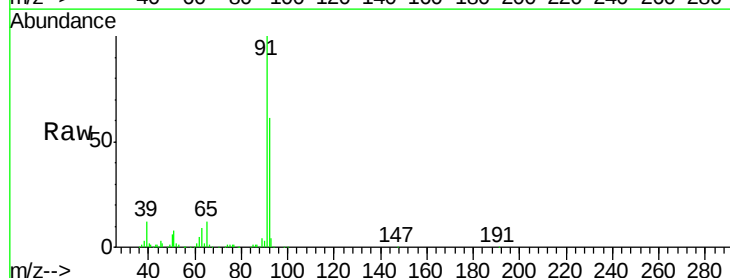
Manual Integrations
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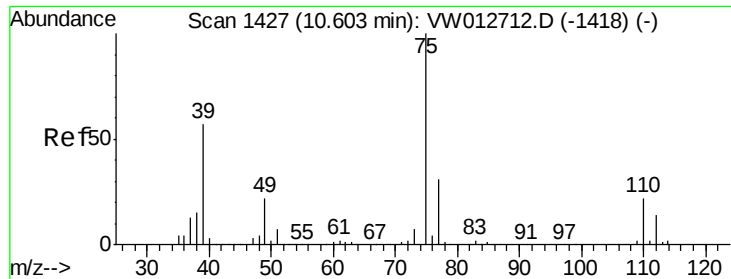
MMDadoda
9/11/2019 8:15:40 AM



#52
Toluene
Concen: 19.960 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	92	Resp	121685
Ion Ratio	92	100	
Lower	91	170.1	137.0
Upper			205.4





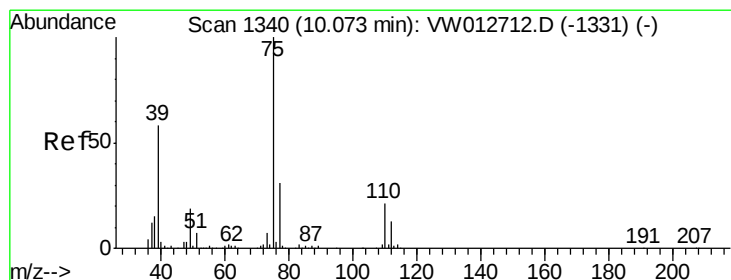
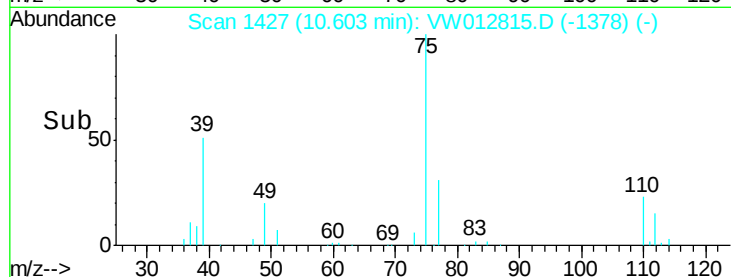
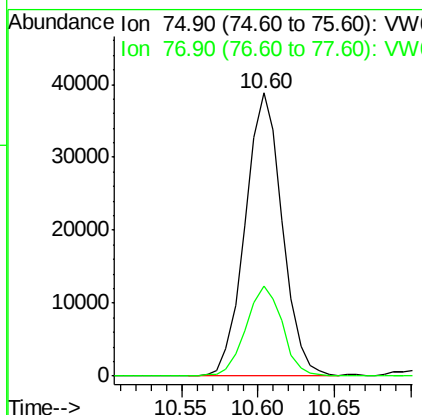
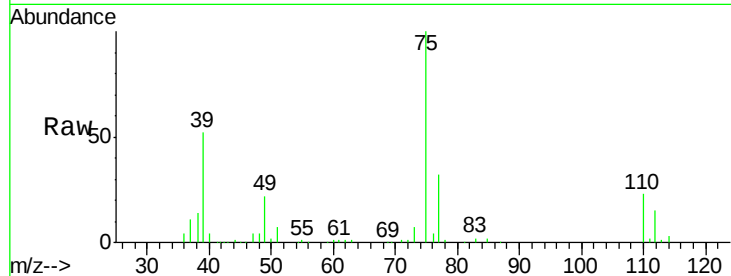
#53
t-1,3-Dichloropropene
Concen: 18.035 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion: 75 Resp: 65452
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1

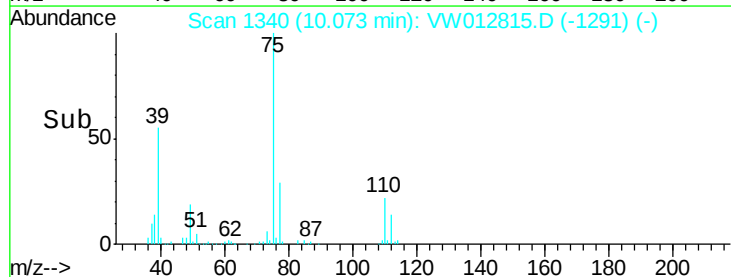
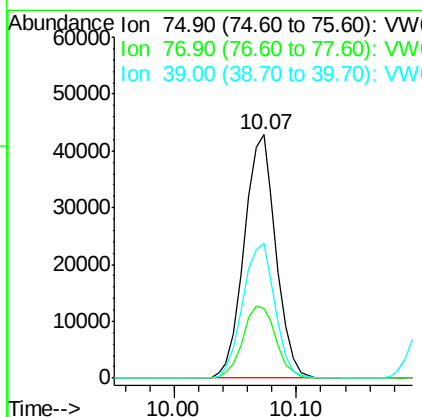
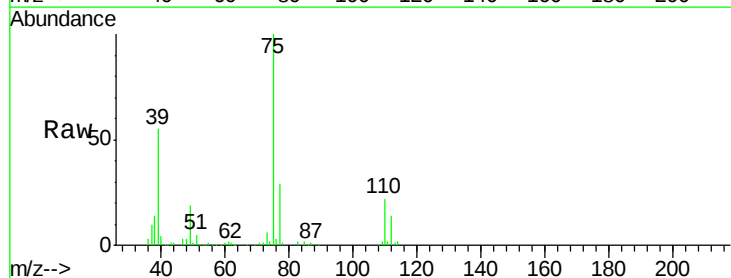
Manual Integrations
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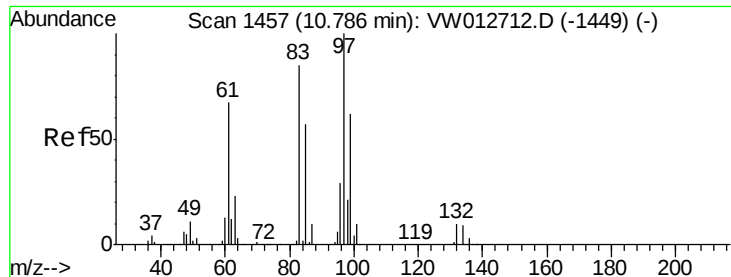
MMDadoda
9/11/2019 8:15:40 AM



#54
cis-1,3-Dichloropropene
Concen: 18.730 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion: 75 Resp: 77115
Ion Ratio Lower Upper
75 100
77 28.7 24.6 36.8
39 55.1 46.3 69.5





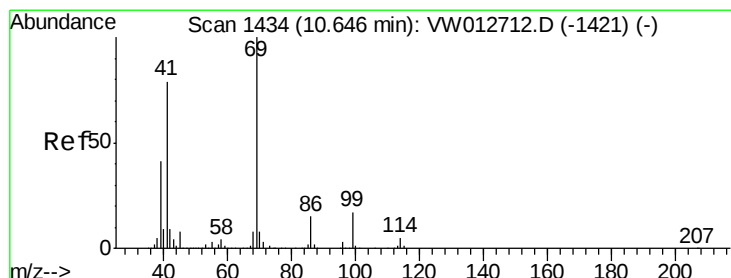
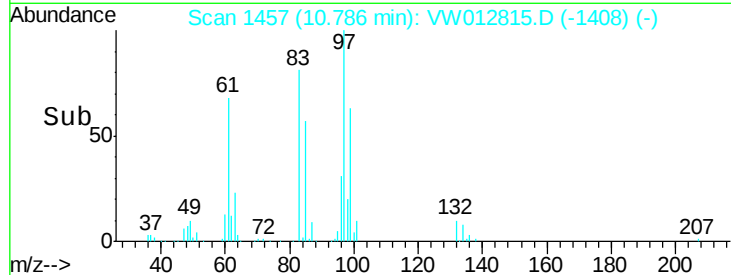
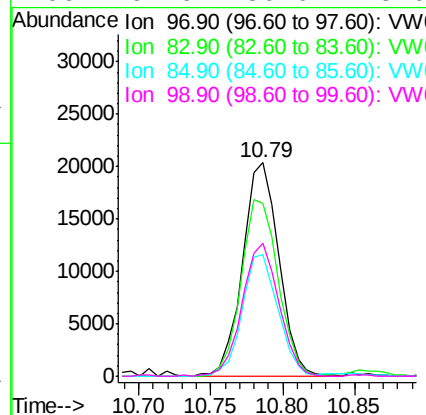
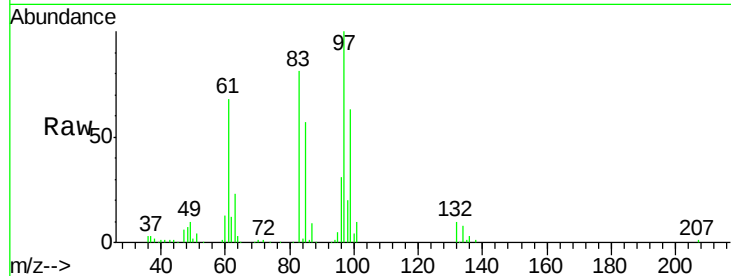
#55
 1,1,2-Trichloroethane
 Concen: 18.536 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion:	97	Resp:	35601
Ion	Ratio	Lower	Upper
97	100		
83	80.9	68.1	102.1
85	56.7	45.3	67.9
99	62.6	50.0	75.0

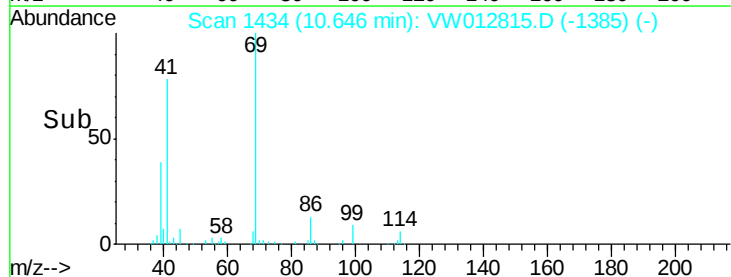
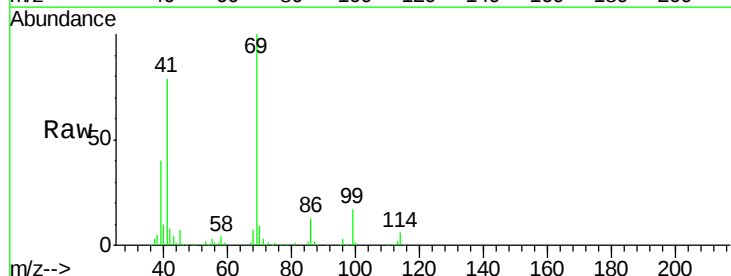
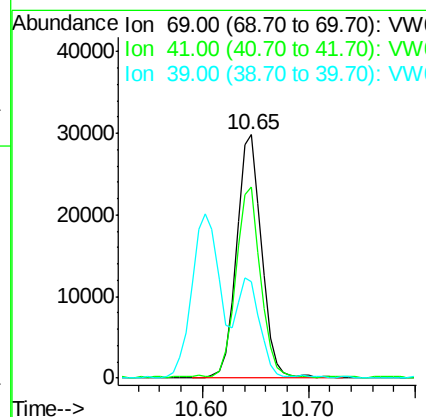
Manual Integrations
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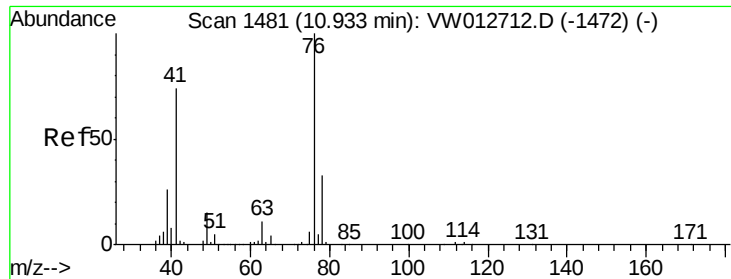
MMDadoda
 9/11/2019 8:15:40 AM



#56
 Ethyl methacrylate
 Concen: 17.475 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion:	69	Resp:	49130
Ion	Ratio	Lower	Upper
69	100		
41	78.3	64.4	96.6
39	35.2	31.1	46.7





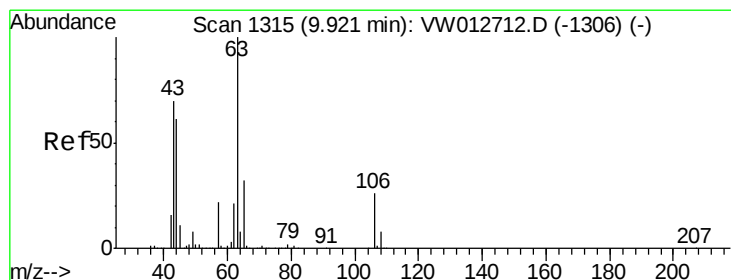
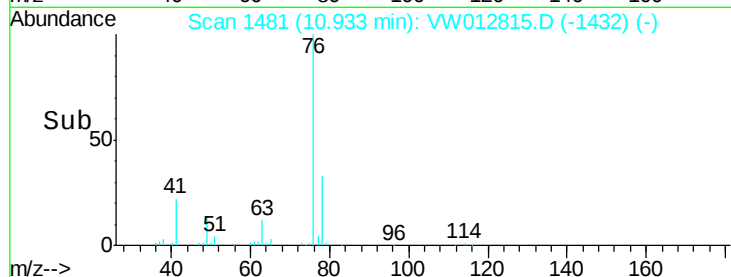
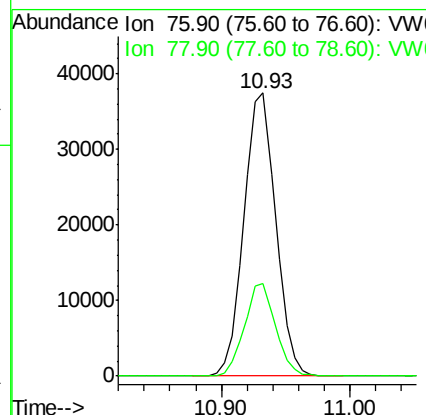
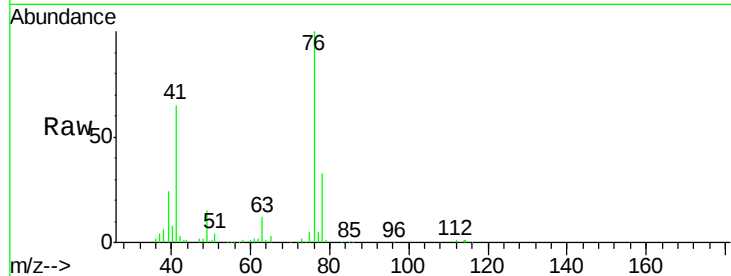
#57
 1,3-Dichloropropane
 Concen: 18.016 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion: 76 Resp: 64014
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9

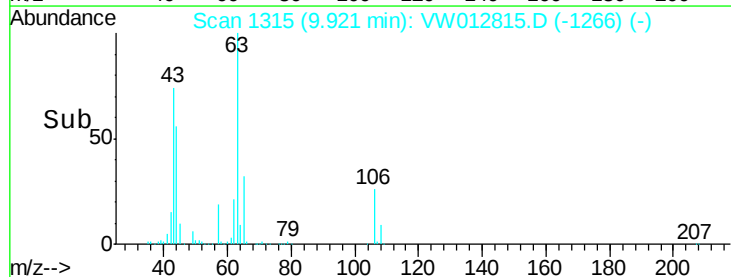
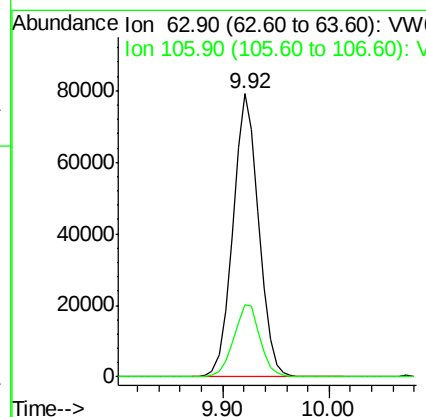
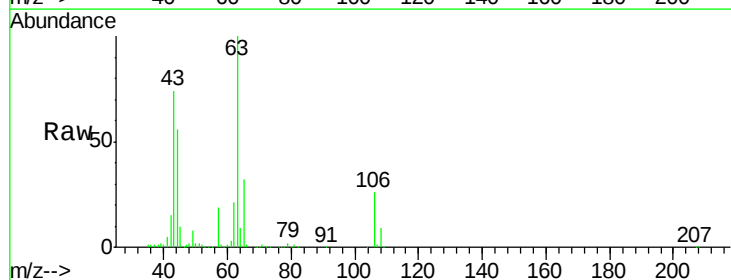
Manual Integrations
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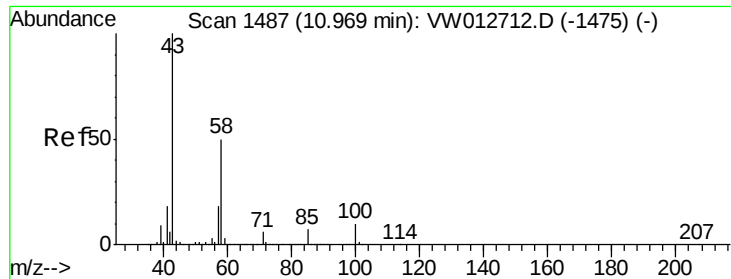
MMDadoda
 9/11/2019 8:15:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.544 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion: 63 Resp: 133646
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.5 30.7





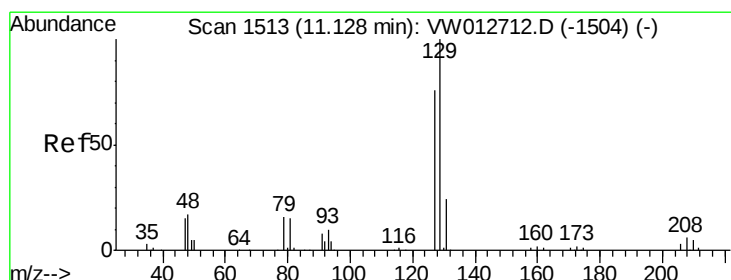
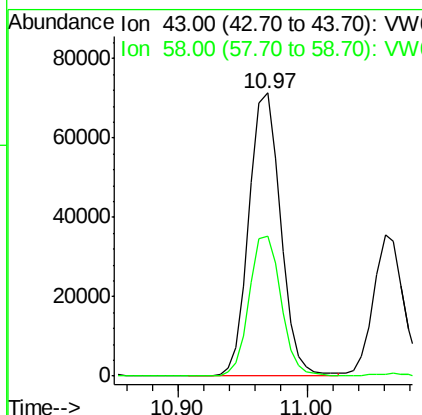
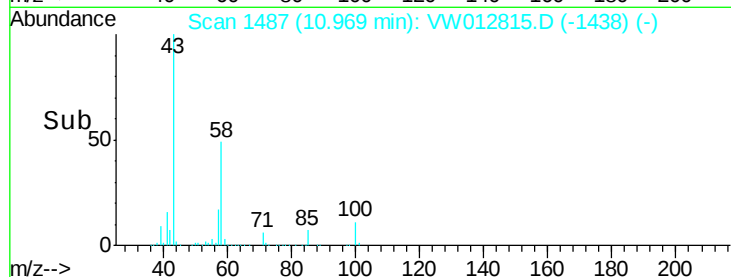
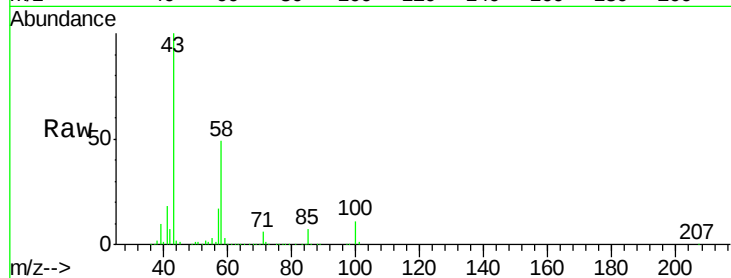
#59
2-Hexanone
Concen: 74.531 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion: 43 Resp: 121485
Ion Ratio Lower Upper
43 100
58 49.6 24.7 74.1

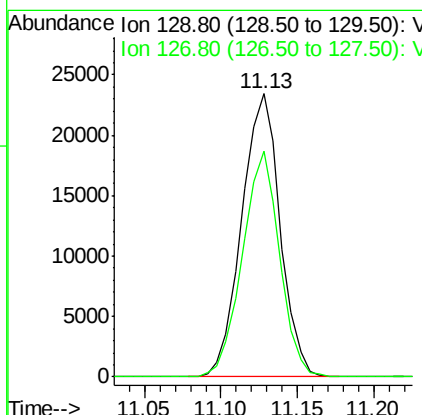
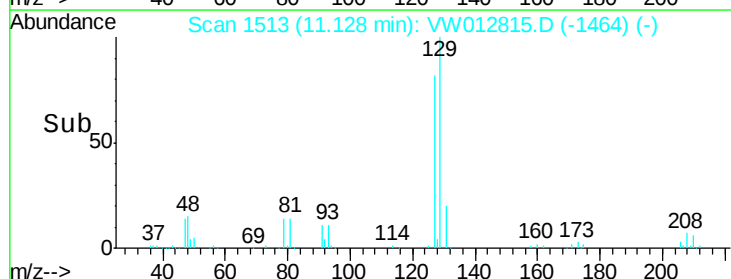
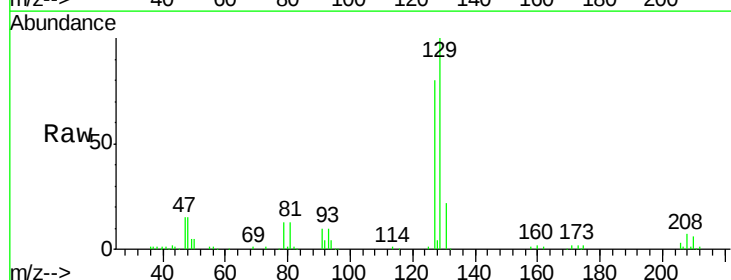
Manual Integrations
APPROVED

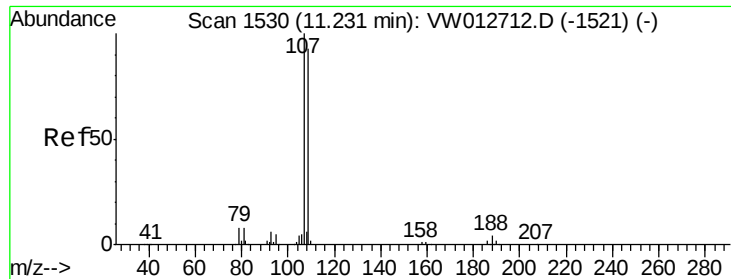
MMDadoda
9/11/2019 8:15:40 AM



#60
Dibromochloromethane
Concen: 18.037 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion: 129 Resp: 40741
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.723 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion: 107 Resp: 32967

Ion Ratio Lower Upper

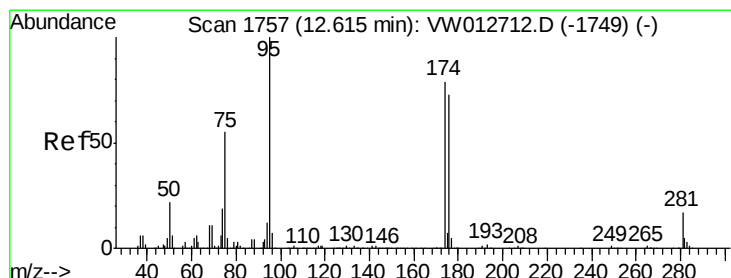
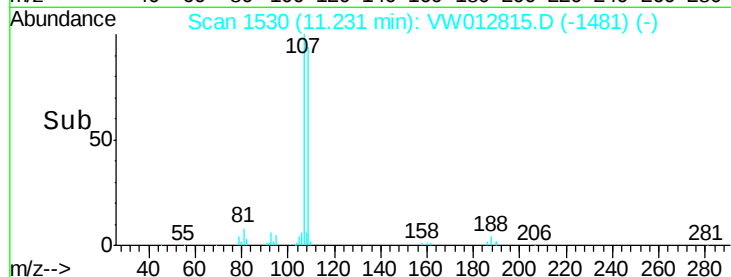
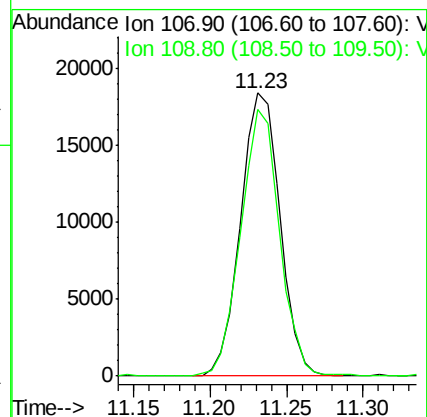
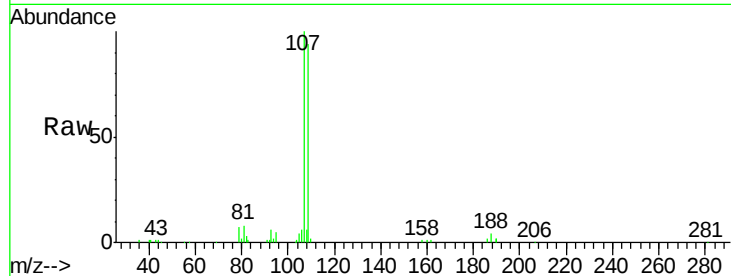
107 100

109 92.8 75.0 112.6

Manual Integrations
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MMDadoda

9/11/2019 8:15:40 AM



#62

4-Bromofluorobenzene

Concen: 47.977 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

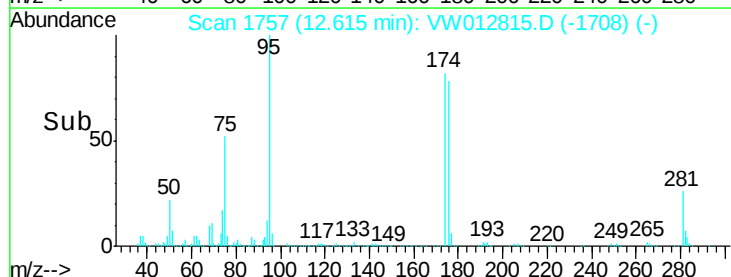
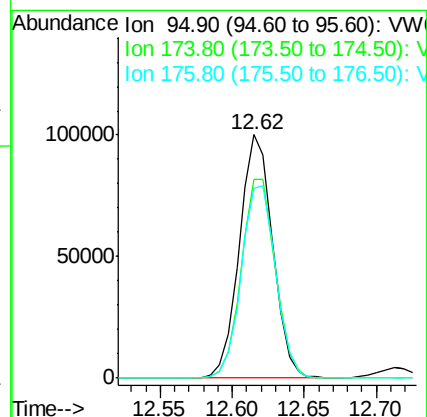
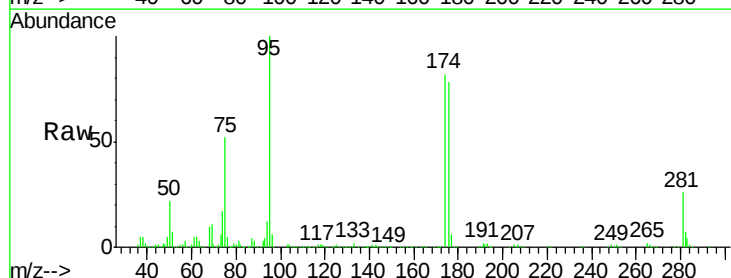
Tgt Ion: 95 Resp: 160741

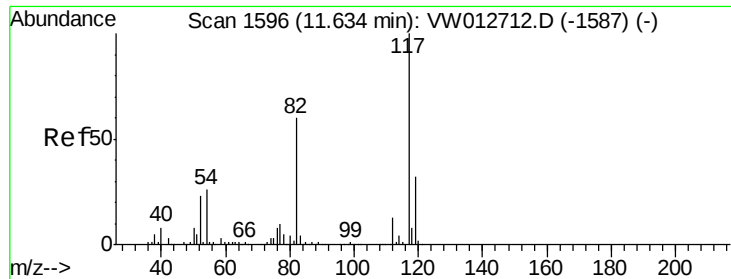
Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.0

176 81.4 0.0 156.4





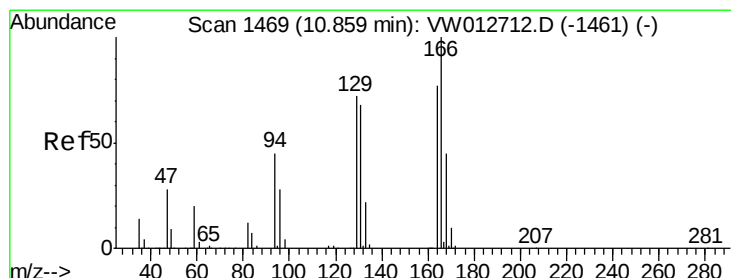
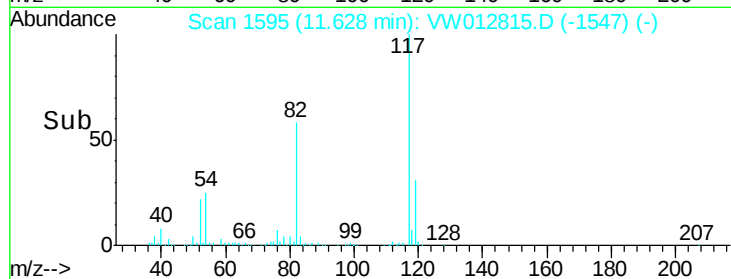
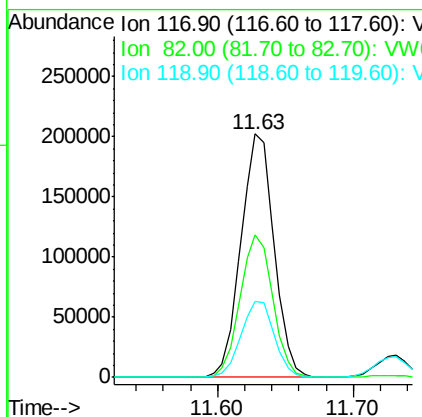
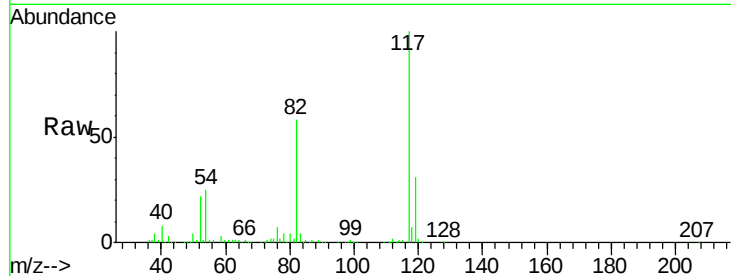
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	344254		
82	58.3	48.2	72.4	
119	31.2	25.8	38.6	

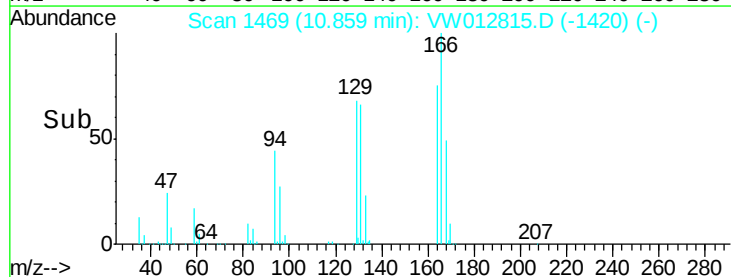
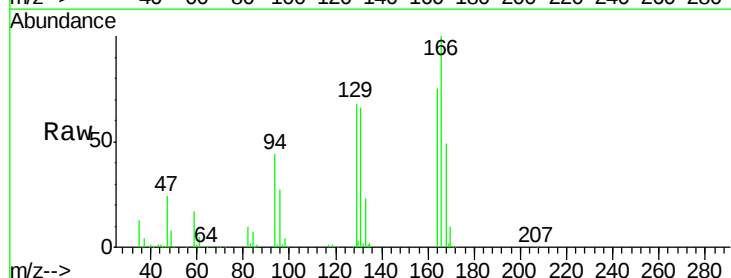
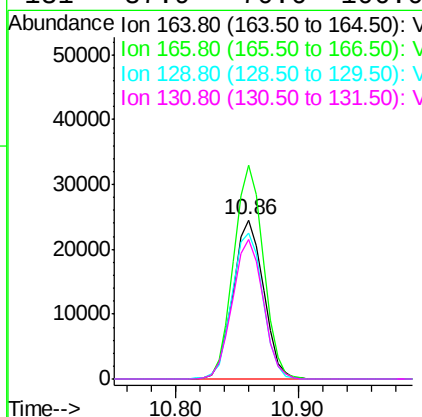
Manual Integrations
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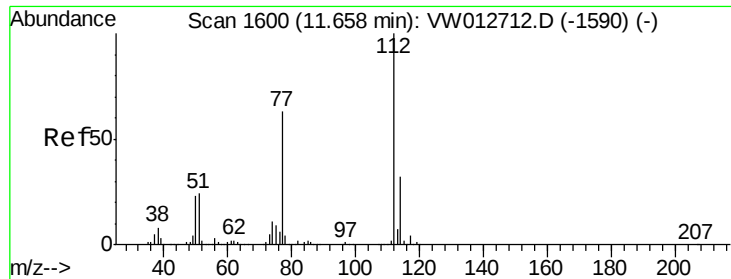
MMDadoda
9/11/2019 8:15:40 AM



#64
Tetrachloroethene
Concen: 20.268 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42338		
166	134.1	103.6	155.4	
129	91.4	74.6	112.0	
131	87.9	70.6	106.0	





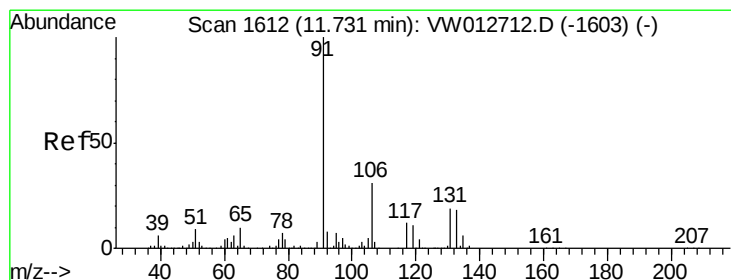
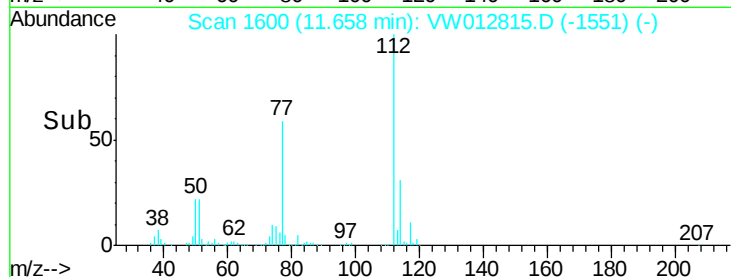
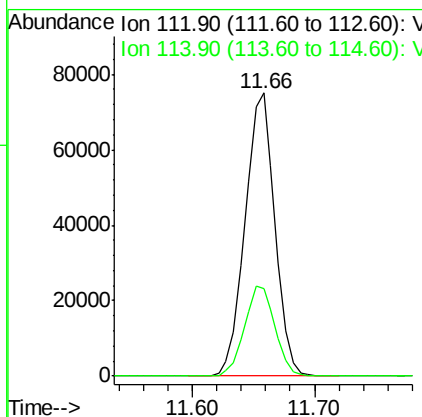
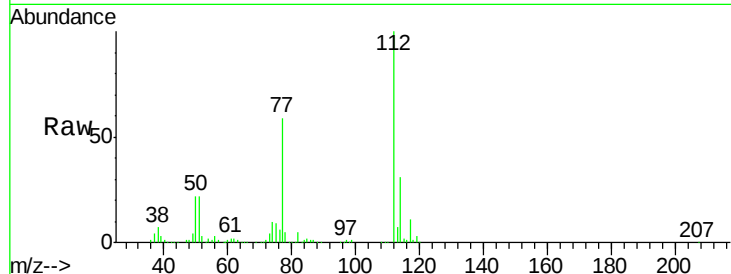
#65
Chlorobenzene
Concen: 19.474 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion:112 Resp: 126708
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9

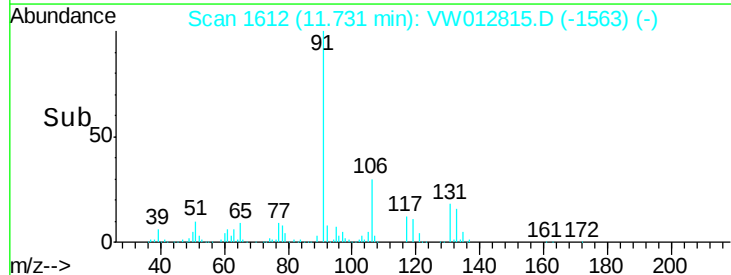
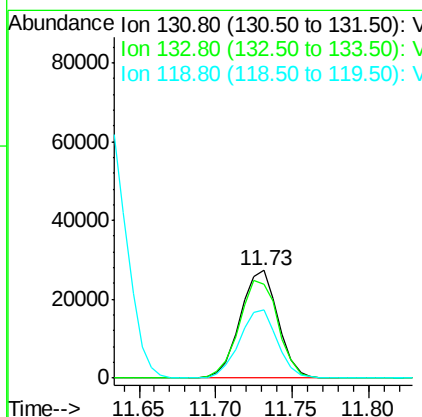
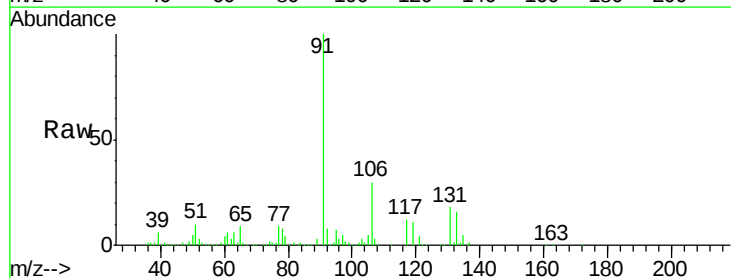
Manual Integrations
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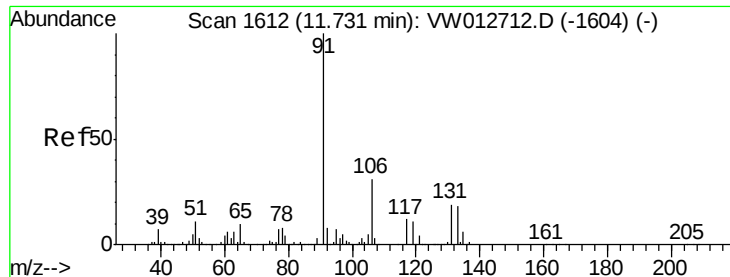
MMDadoda
9/11/2019 8:15:40 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.323 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion:131 Resp: 46820
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.8
119 63.7 30.6 92.0





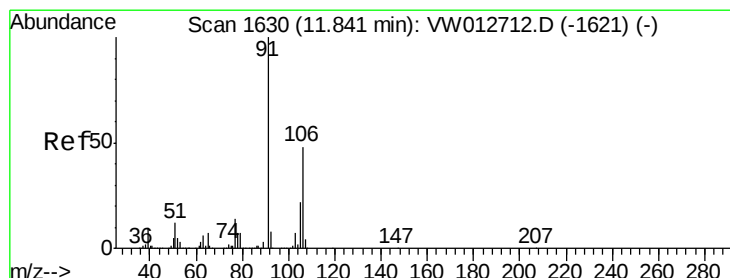
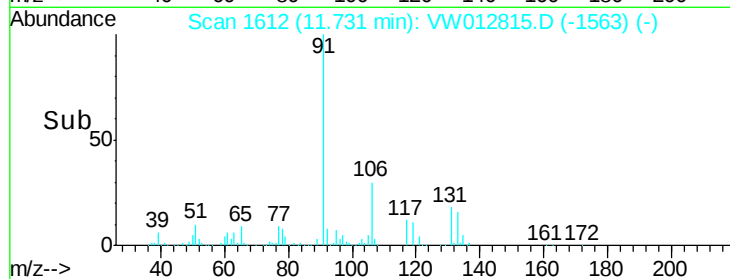
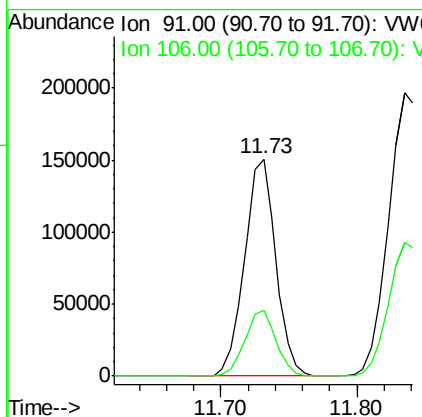
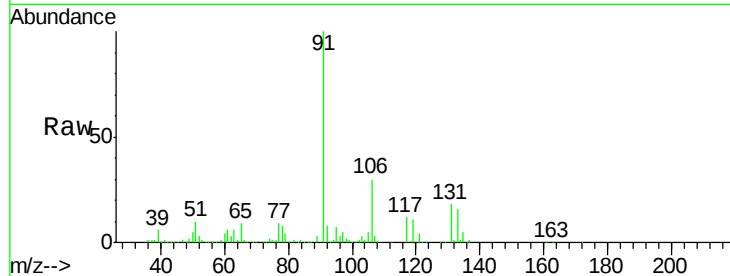
#67
Ethyl Benzene
Concen: 19.850 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.4	36.6

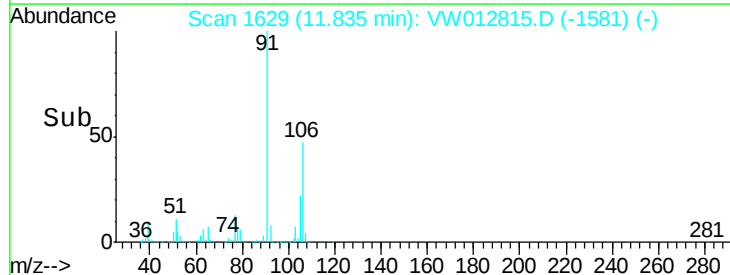
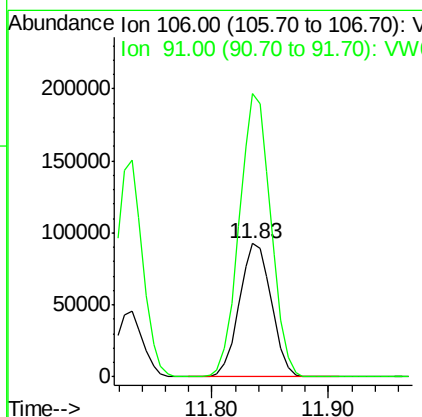
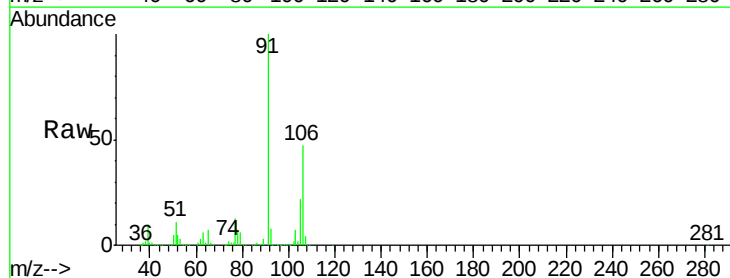
Manual Integrations
APPROVED

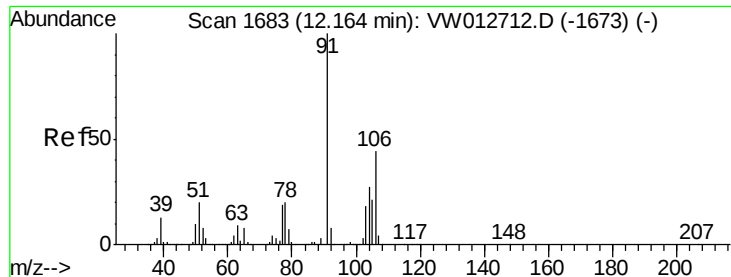
MMDadoda
9/11/2019 8:15:40 AM



#68
m/p-Xylenes
Concen: 40.358 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.0	168.2	252.4





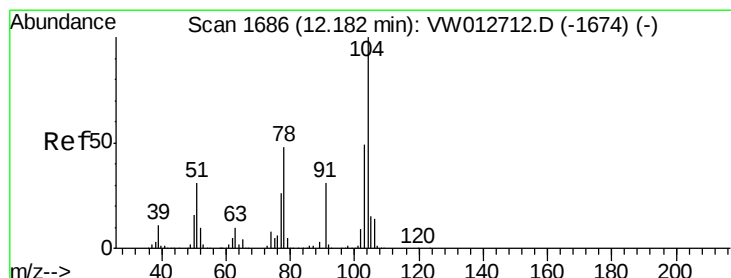
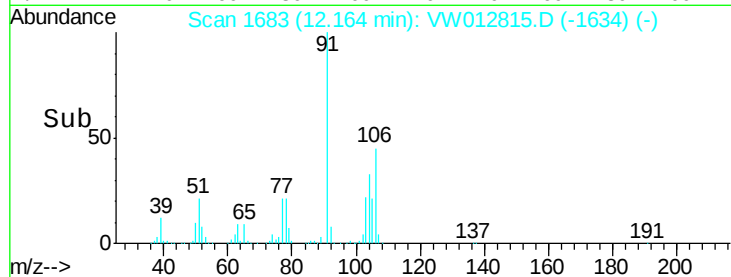
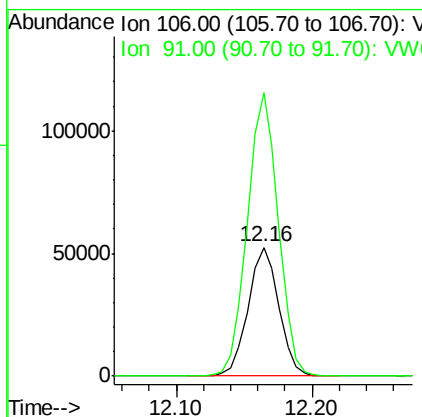
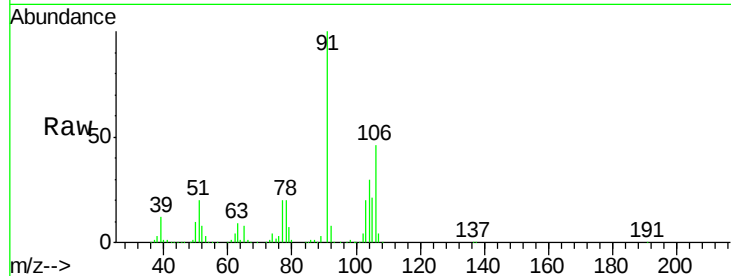
#69
o-Xylene
Concen: 19.970 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion:106 Resp: 83020
Ion Ratio Lower Upper
106 100
91 222.0 112.3 336.8

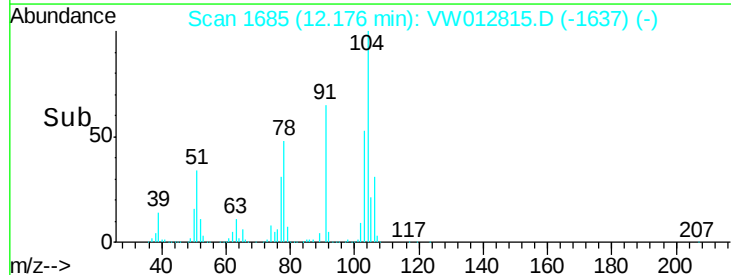
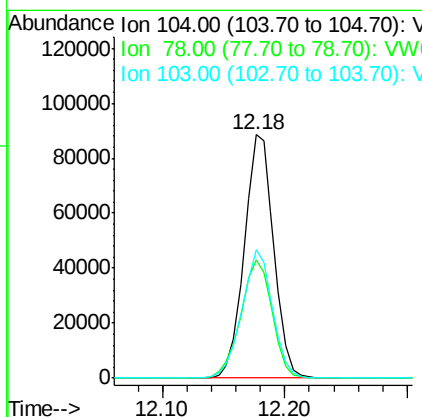
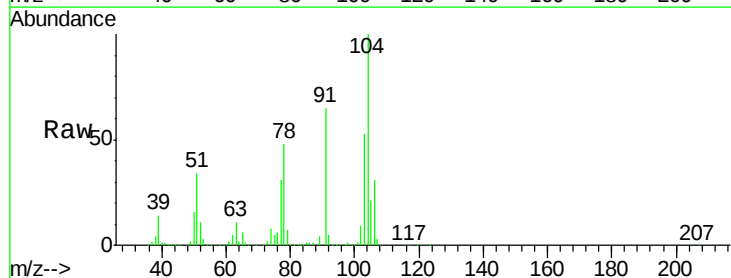
Manual Integrations
APPROVED

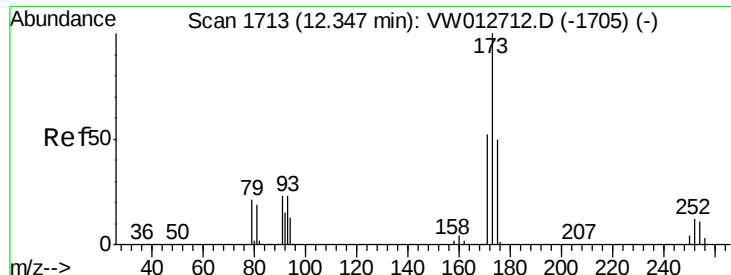
MMDadoda
9/11/2019 8:15:40 AM



#70
Styrene
Concen: 20.047 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion:104 Resp: 147264
Ion Ratio Lower Upper
104 100
78 52.0 43.3 64.9
103 54.6 44.0 66.0





#71

Bromoform

Concen: 17.708 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

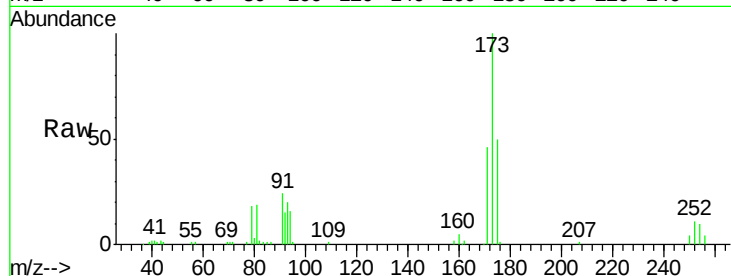
ClientSampleId :

VW0909SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.3
254	0.0	0.1	0.1#

Manual Integrations
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9/11/2019 8:15:40 AM

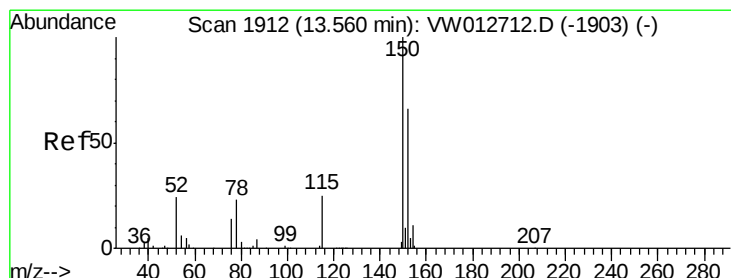
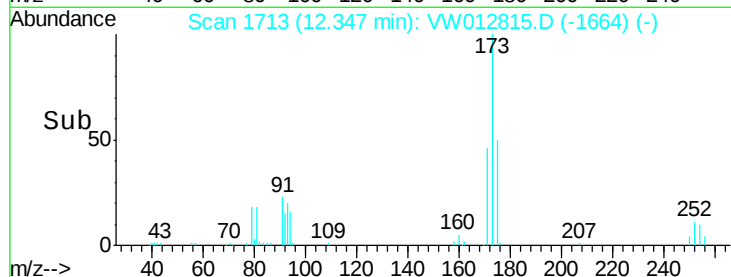
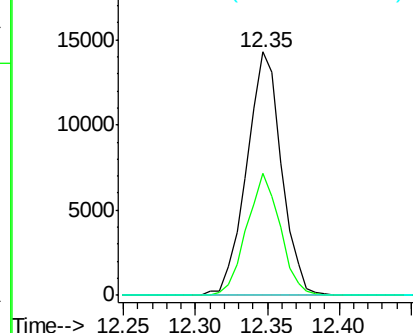


Abundance

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

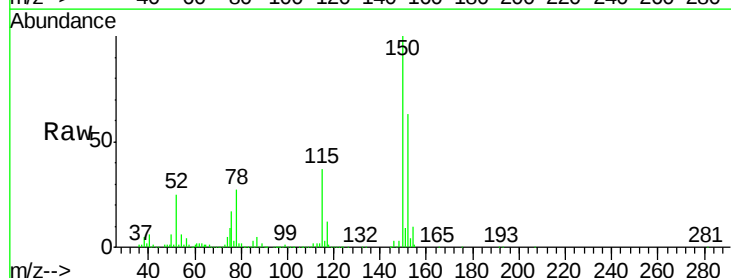
RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.0	90.1
150	163.6	0.0	349.0

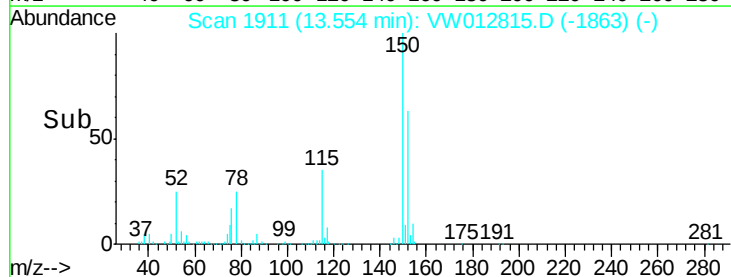
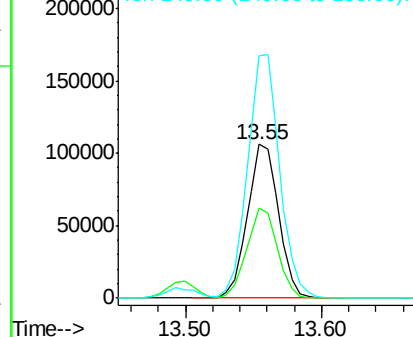


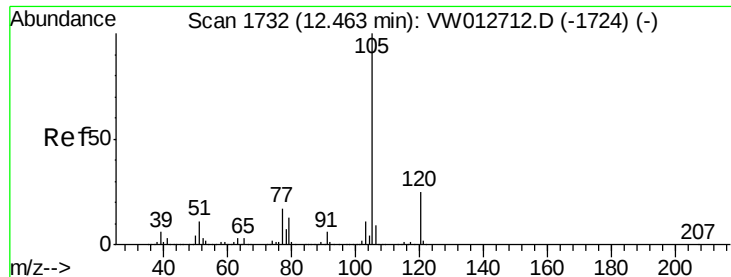
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.941 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion: 105 Resp: 242733

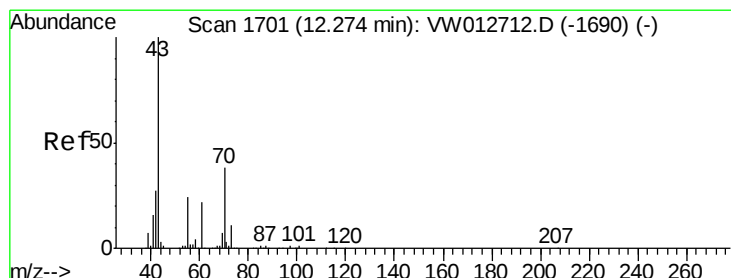
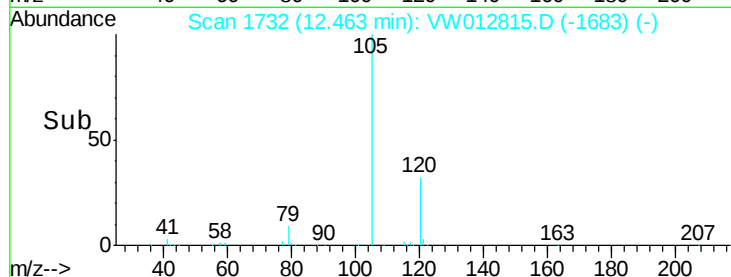
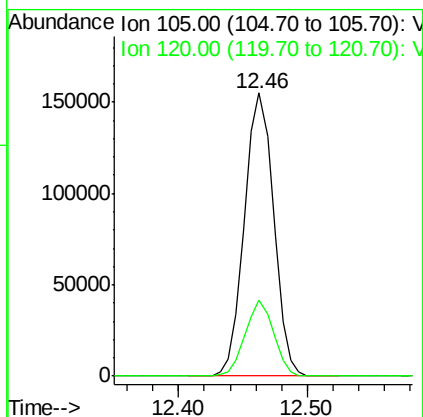
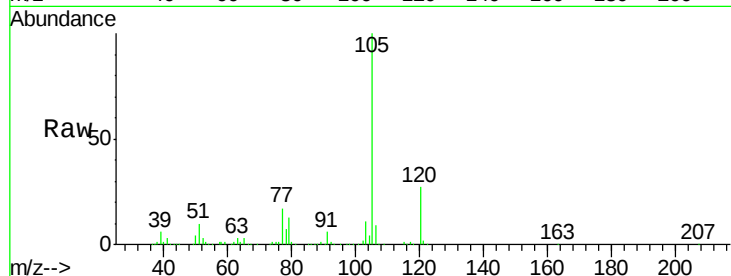
Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9

Manual Integrations
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#74

N-ethyl acetate

Concen: 15.653 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion: 43 Resp: 60479

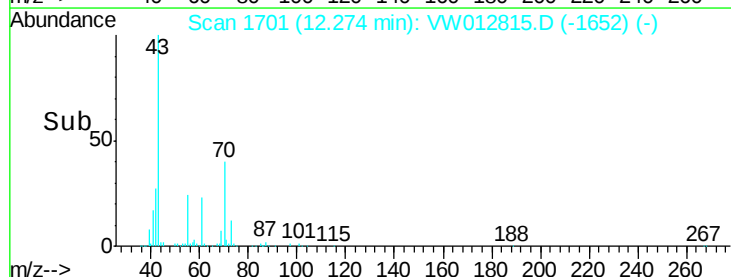
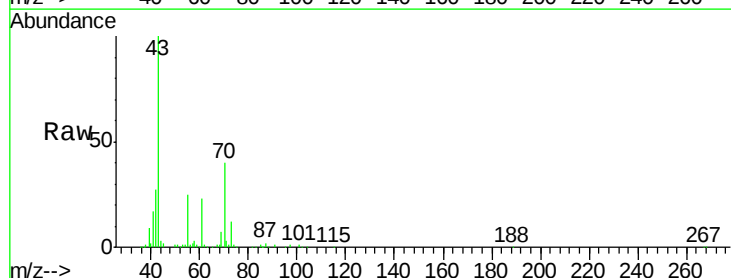
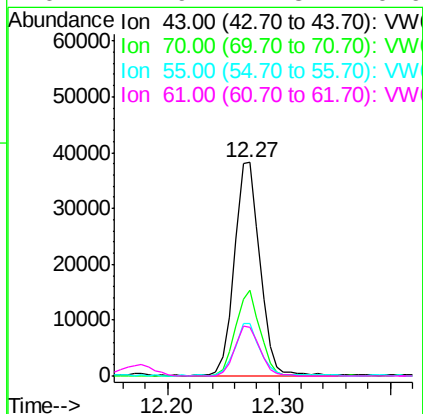
Ion Ratio Lower Upper

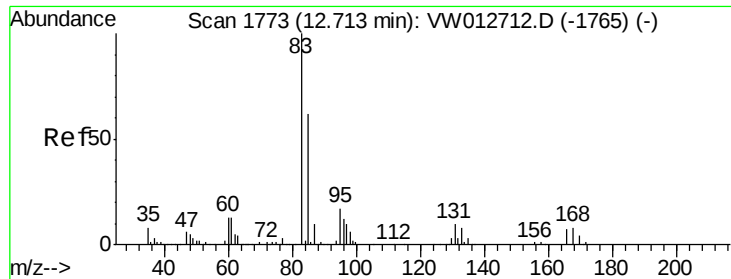
43 100

70 38.8 29.4 44.0

55 23.5 18.6 27.8

61 22.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.556 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

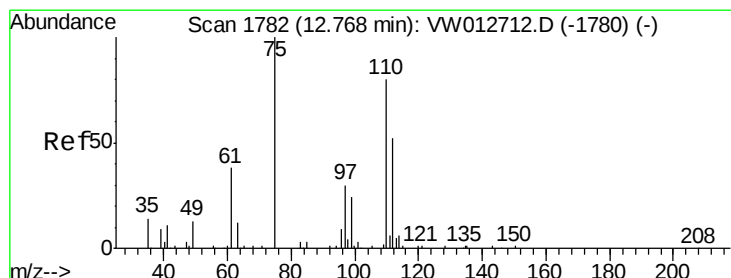
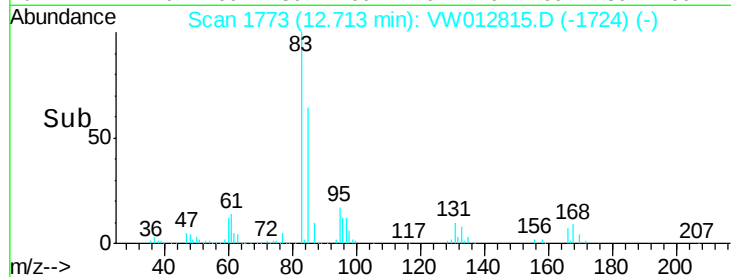
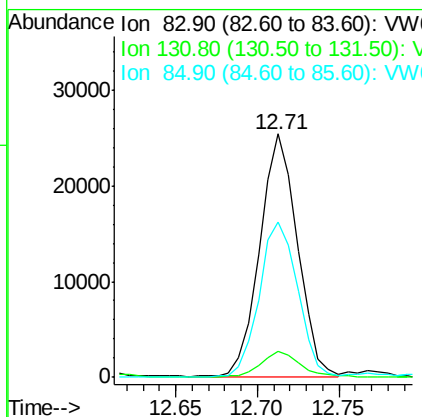
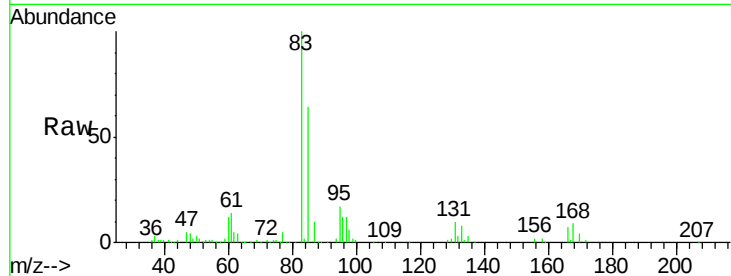
ClientSampleId :

VW0909SBS01

Tot Ion:	83	Resp:	40473
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	65.6	31.4	94.2

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#76

1,2,3-Trichloropropane

Concen: 19.428 ug/l m

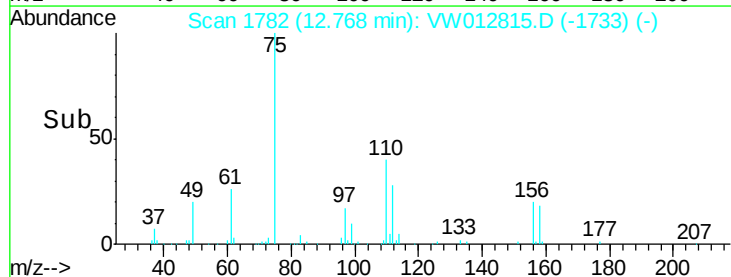
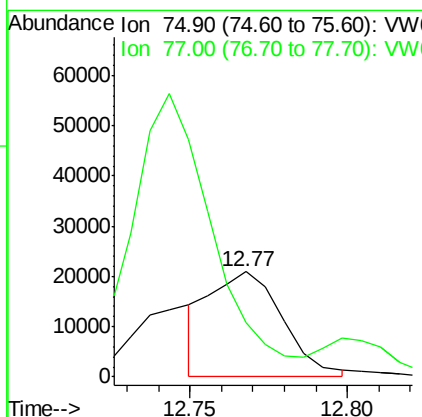
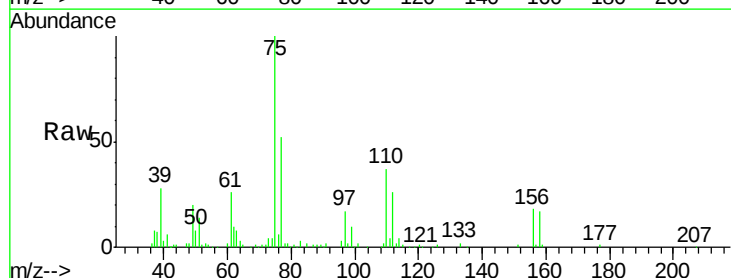
RT: 12.77 min Scan# 1782

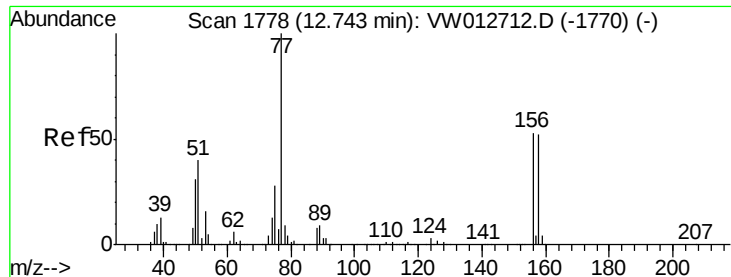
Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion:	75	Resp:	33716
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.219 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

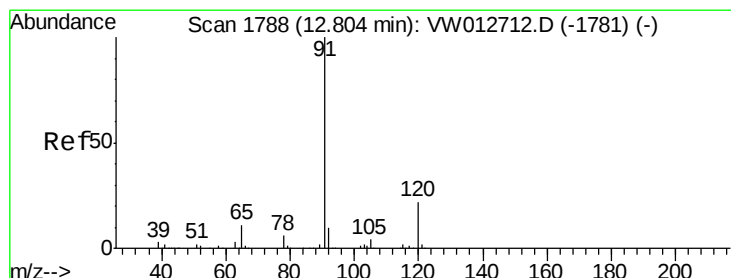
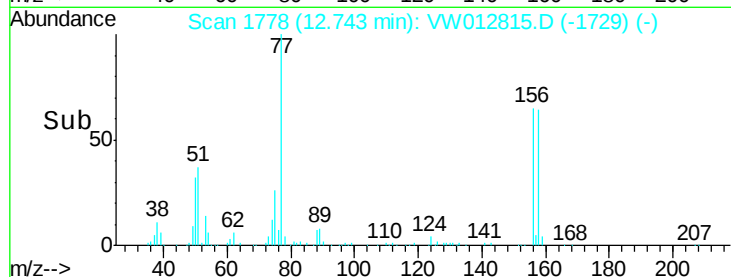
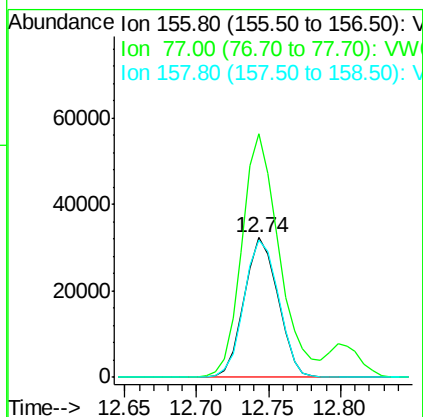
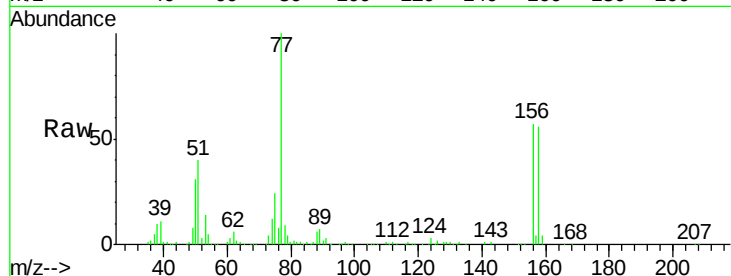
ClientSampleId :

VW0909SBS01

Tot Ion:	156	Resp:	53001
Ion Ratio	Lower	Upper	
156	100		
77	192.0	102.3	306.9
158	100.2	48.9	146.8

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#78

n-propylbenzene

Concen: 19.450 ug/l

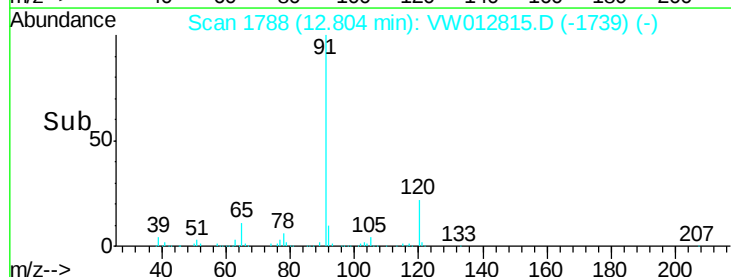
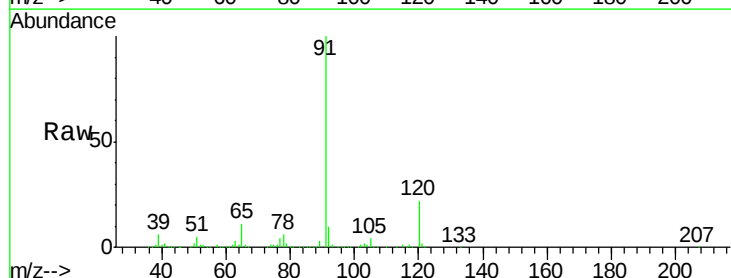
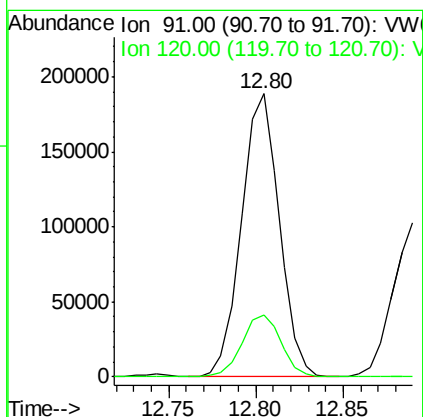
RT: 12.80 min Scan# 1788

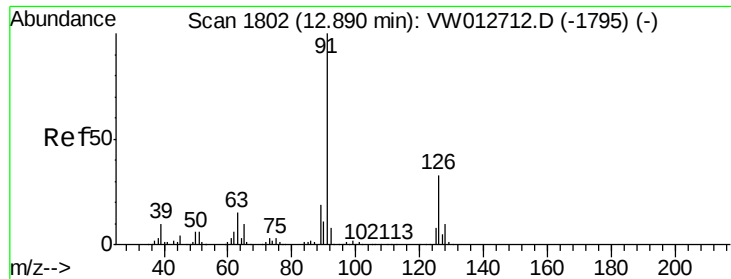
Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Tgt Ion:	91	Resp:	283153
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.0	33.0





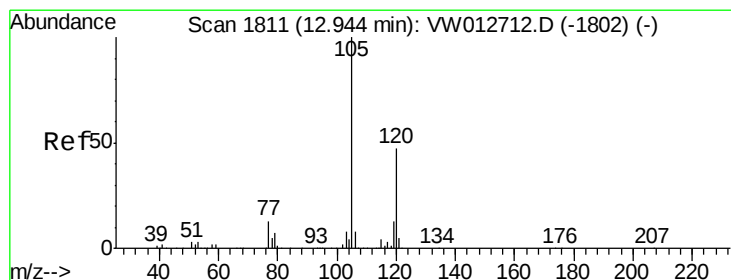
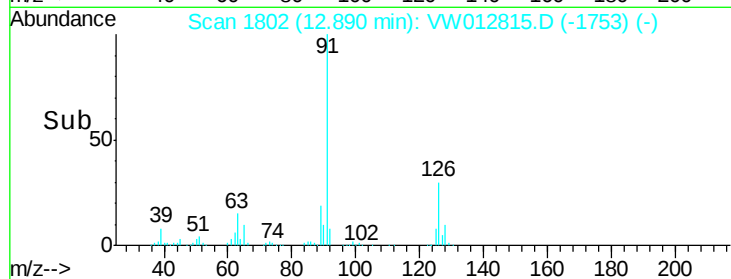
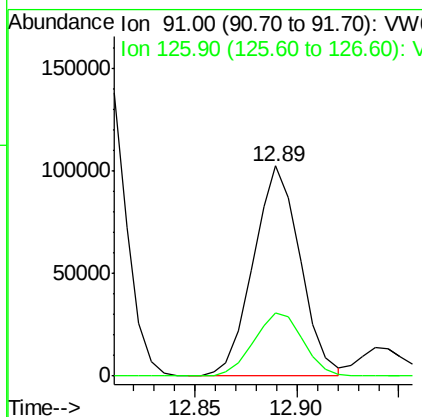
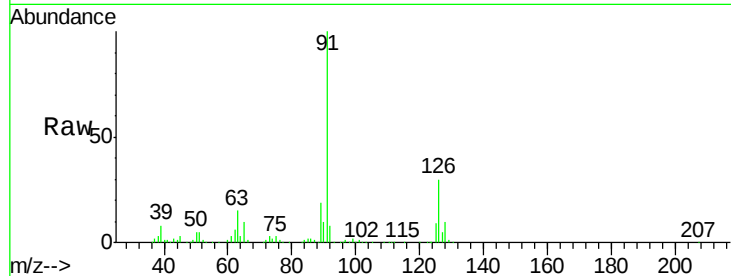
#79
2-Chlorotoluene
Concen: 19.505 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		163010		
126	31.8		16.1	48.3	

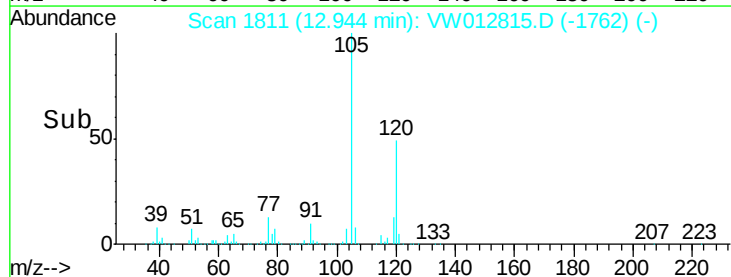
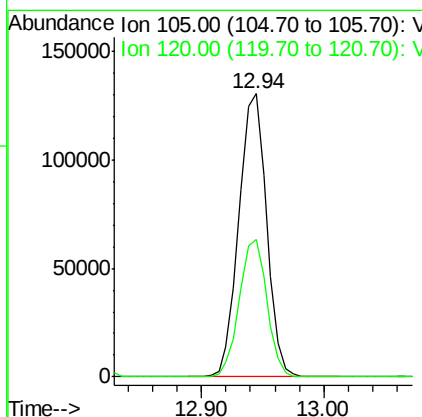
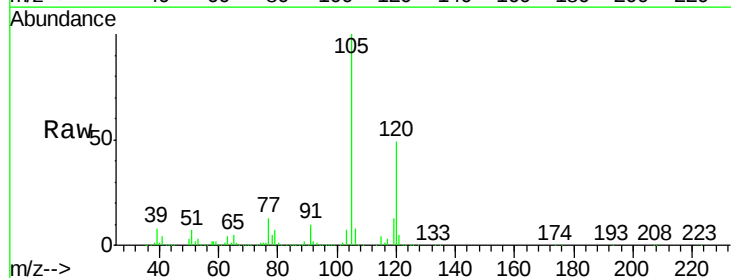
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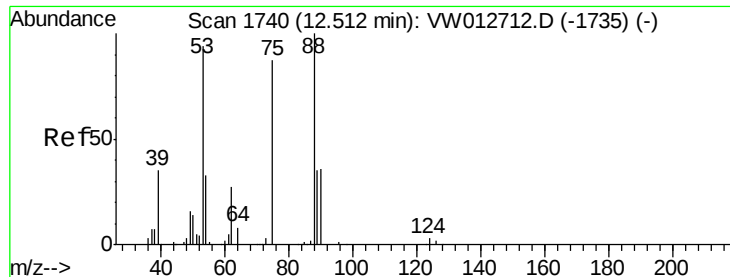
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#80
1,3,5-Trimethylbenzene
Concen: 19.953 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		204654		
120	48.5		23.9	71.8	





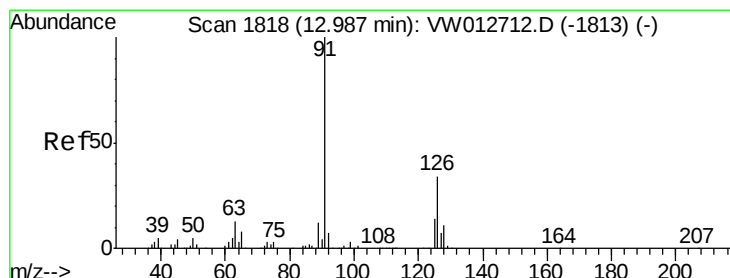
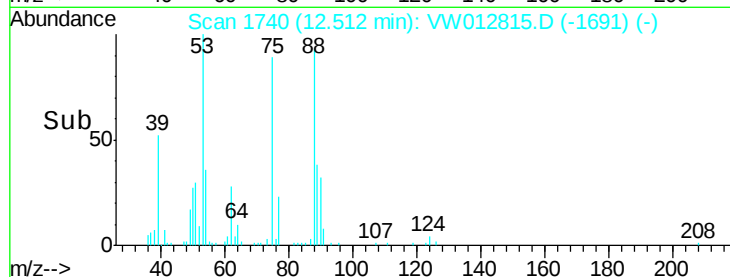
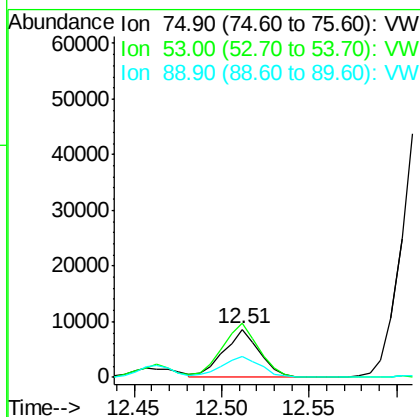
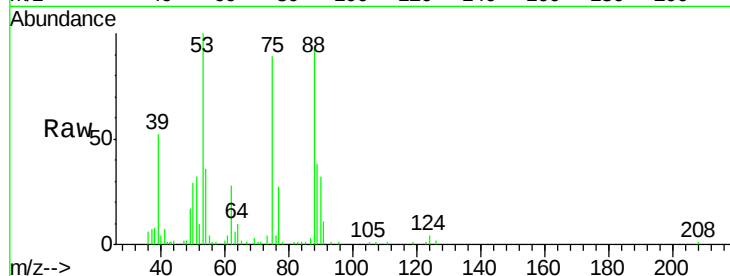
#81
trans-1,4-Dichloro-2-butene
Concen: 15.158 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.0	87.6	131.4
89	46.8	35.5	53.3

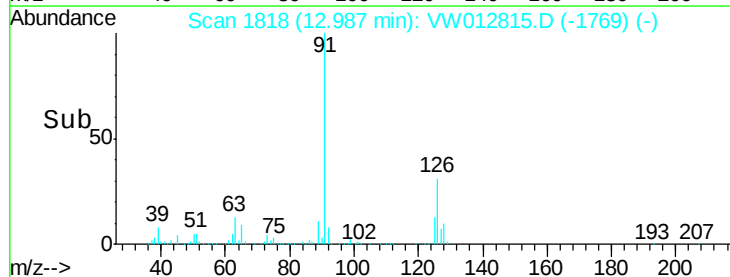
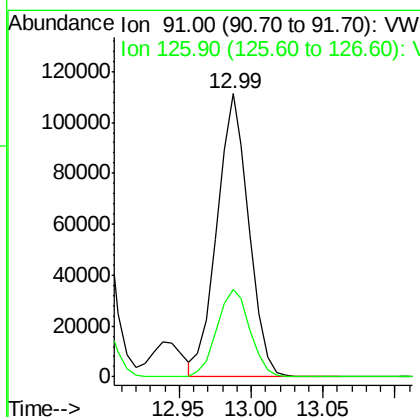
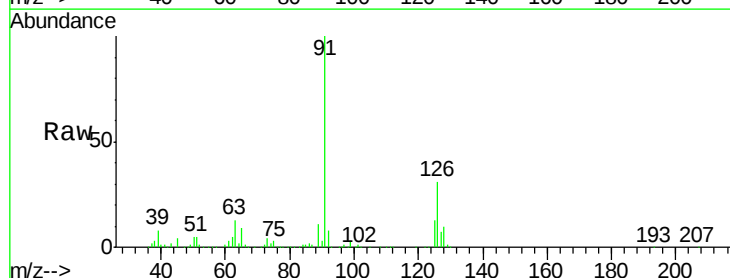
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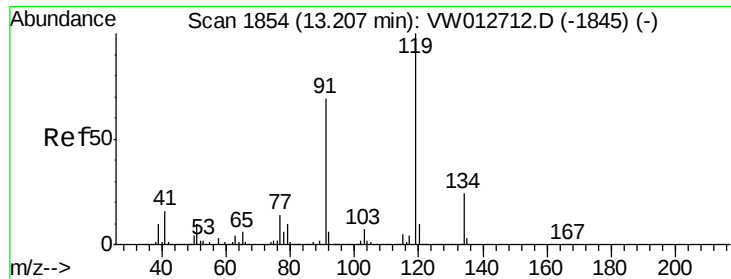
MMDadoda
9/11/2019 8:15:40 AM



#82
4-Chlorotoluene
Concen: 19.367 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.9	47.6





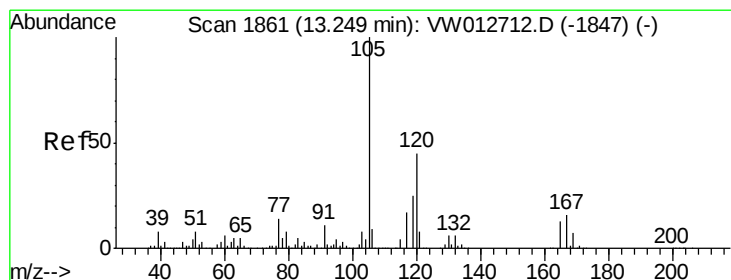
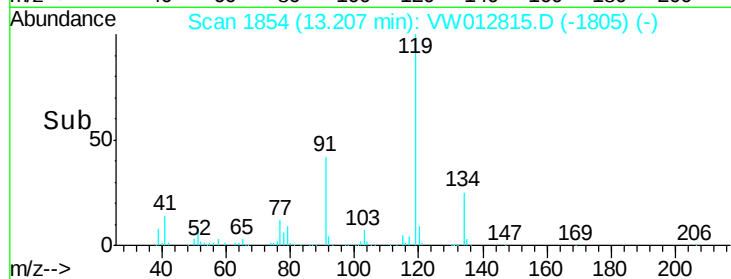
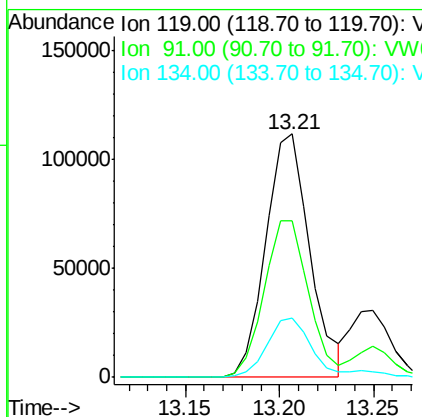
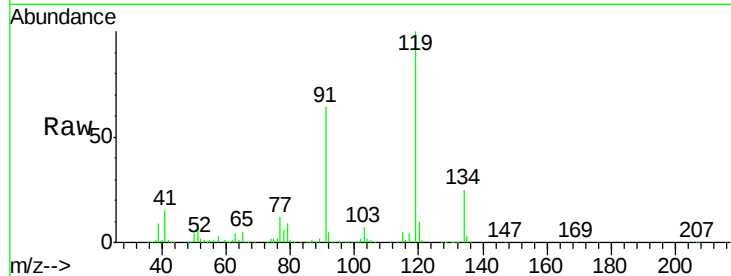
#83
 tert-Butylbenzene
 Concen: 19.985 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	34.2	102.5
134	24.6	12.3	36.9

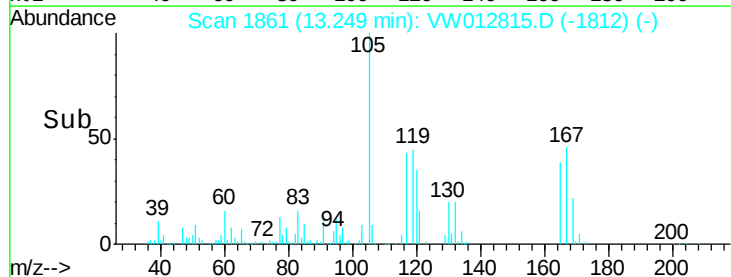
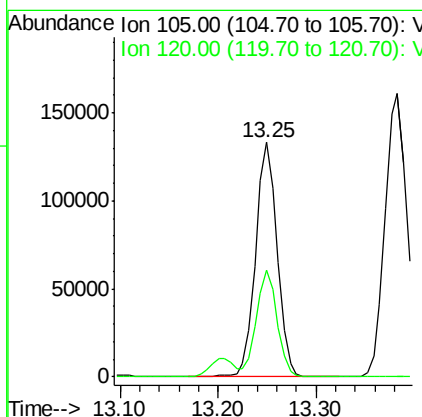
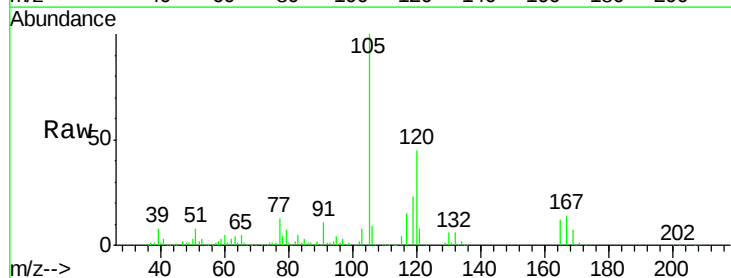
Manual Integrations
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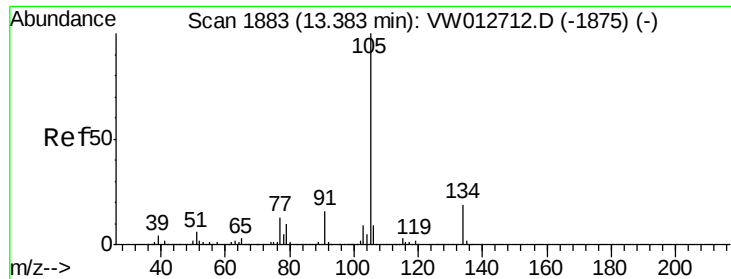
MMDadoda
 9/11/2019 8:15:40 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.707 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 19.893 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS01

Tot Ion:105 Resp: 250351

Ion Ratio Lower Upper

105 100

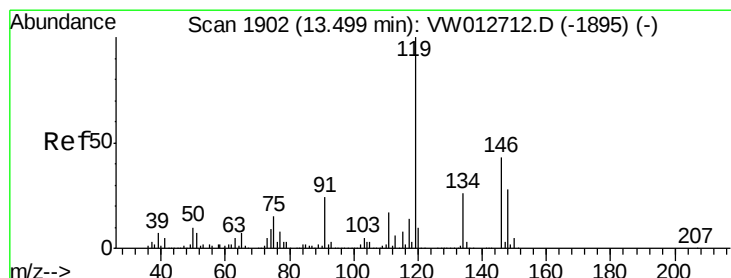
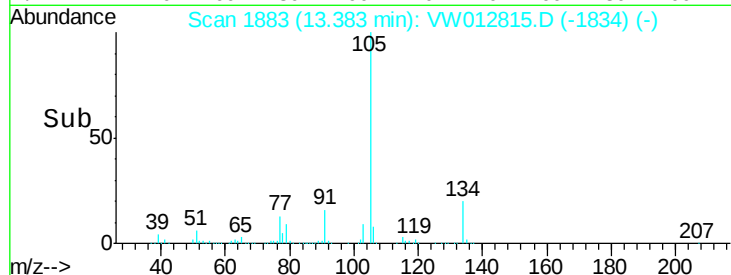
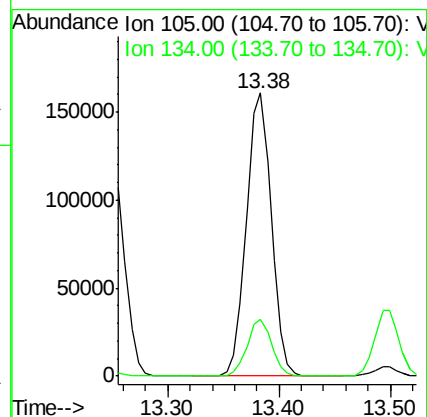
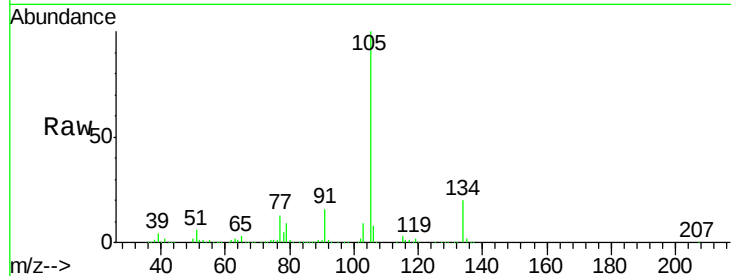
134 19.7 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.689 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012815.D

Acq: 09 Sep 2019 12:31

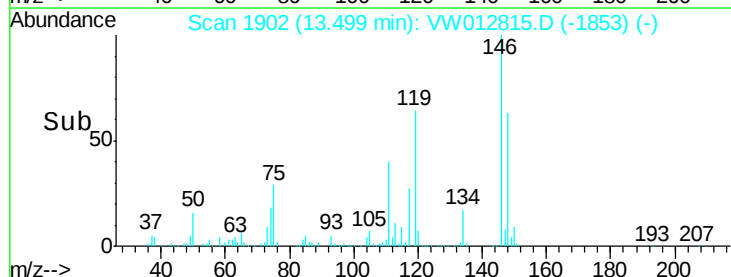
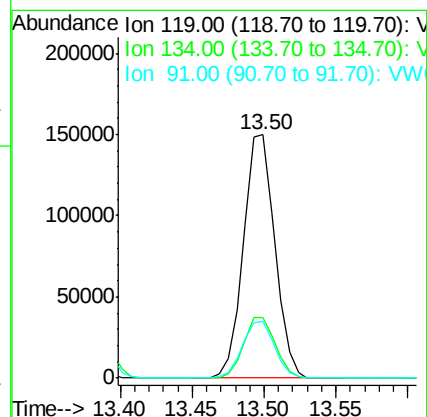
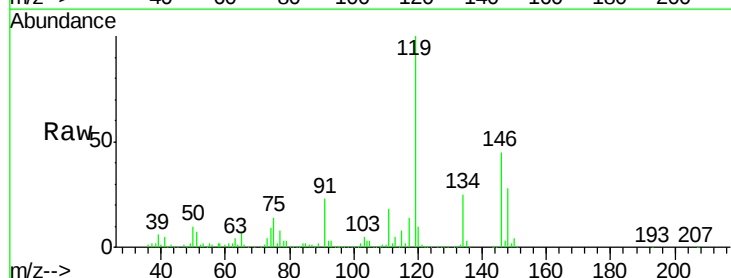
Tgt Ion:119 Resp: 226326

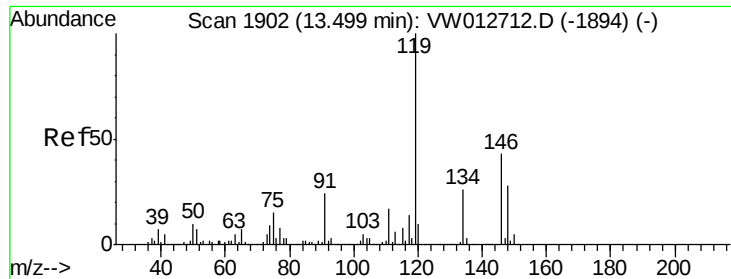
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

91 23.9 12.2 36.6





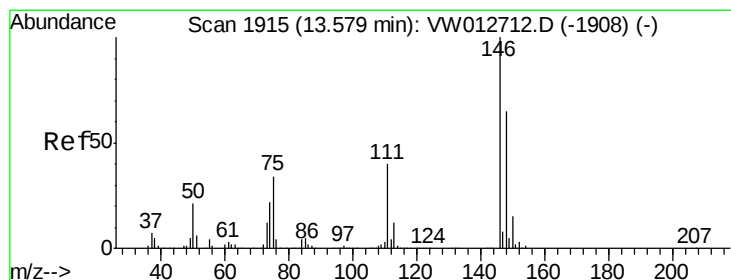
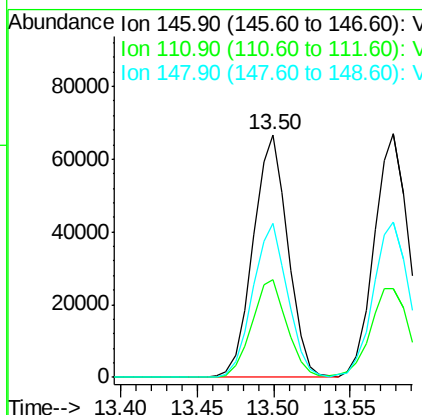
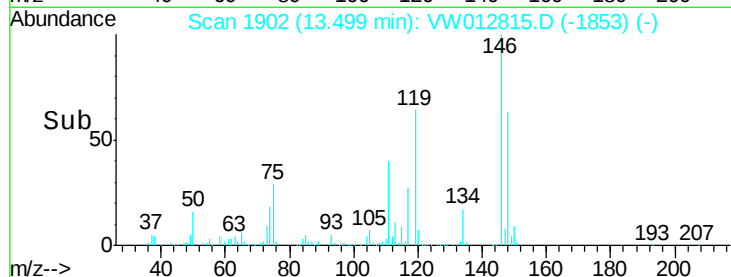
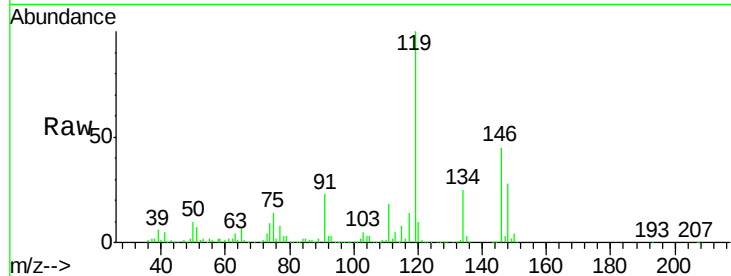
#87
 1,3-Dichlorobenzene
 Concen: 19.421 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	105271		
111	41.0		20.4	61.2
148	63.4		31.8	95.4

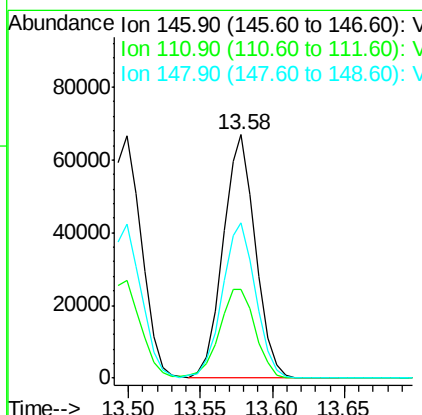
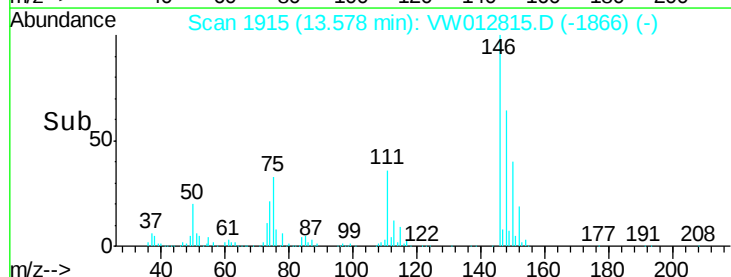
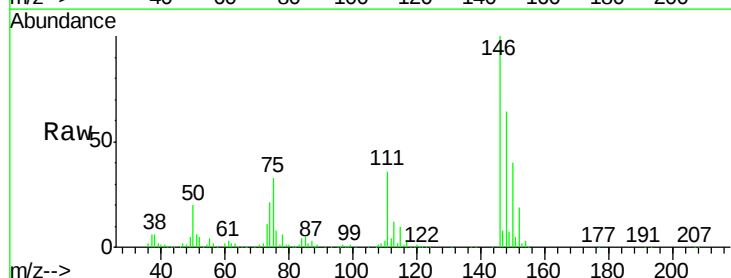
Manual Integrations
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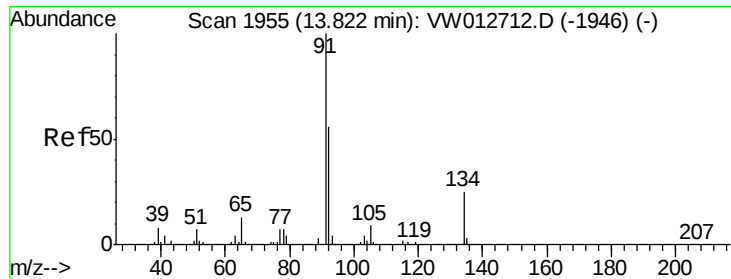
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 9/11/2019 8:15:40 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104968		
111	40.2		20.0	60.0
148	66.1		32.2	96.6





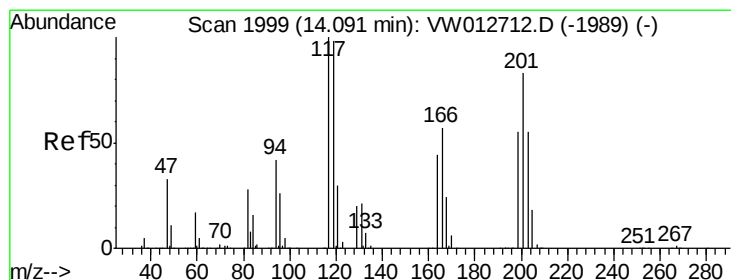
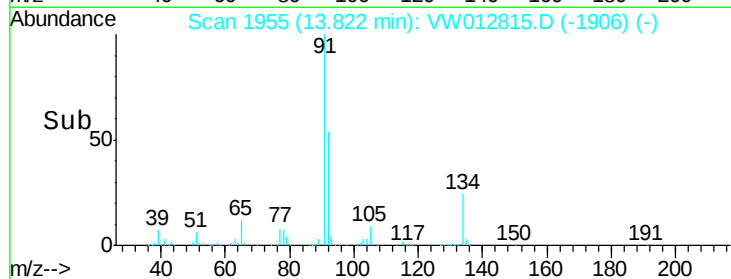
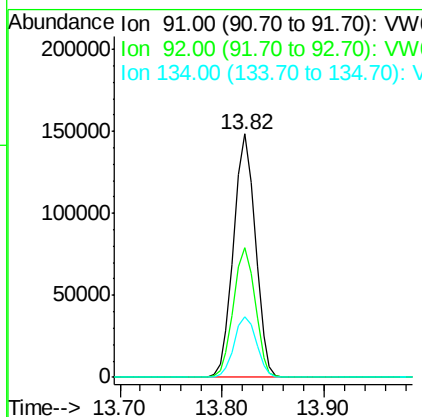
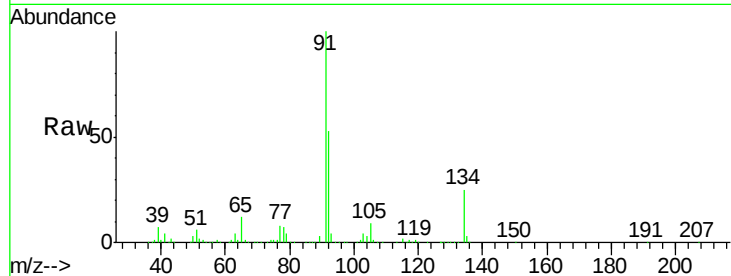
#89
n-Butylbenzene
Concen: 19.674 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	219558		
92	53.4		27.2	81.5
134	25.6		12.7	38.1

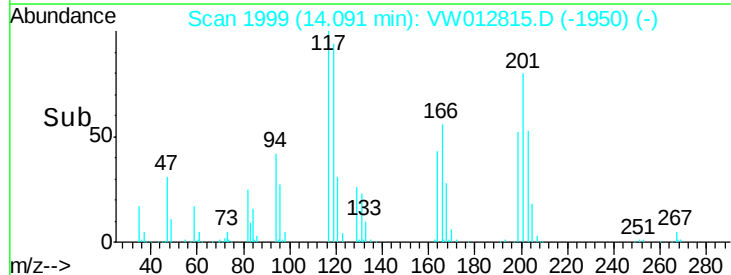
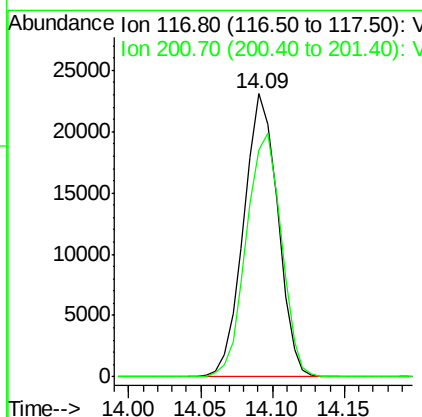
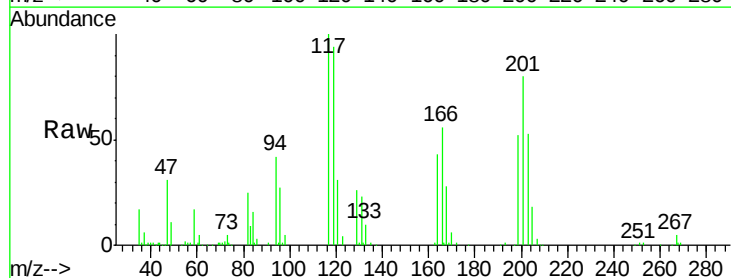
Manual Integrations
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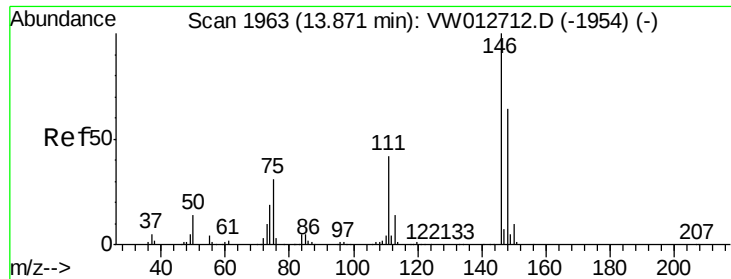
MMDadoda
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#90
Hexachloroethane
Concen: 18.932 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37993		
201	87.7		42.8	128.4





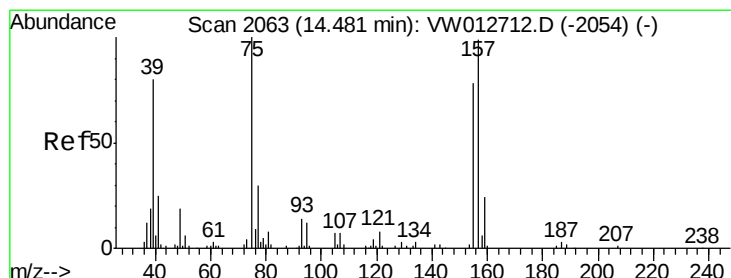
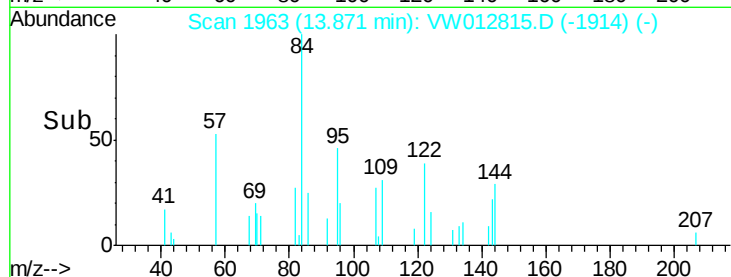
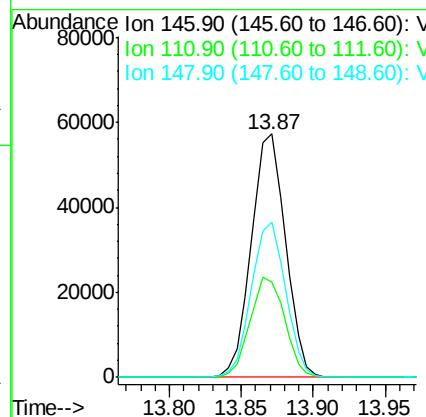
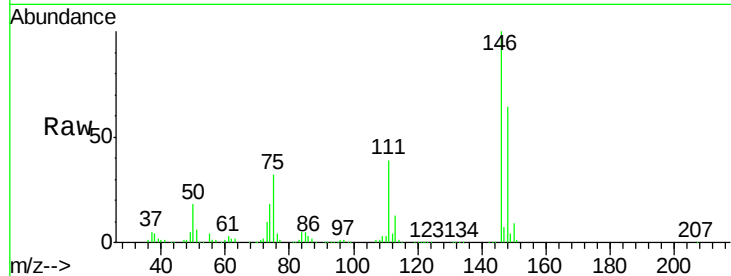
#91
 1,2-Dichlorobenzene
 Concen: 19.237 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	64.0	32.1	96.5

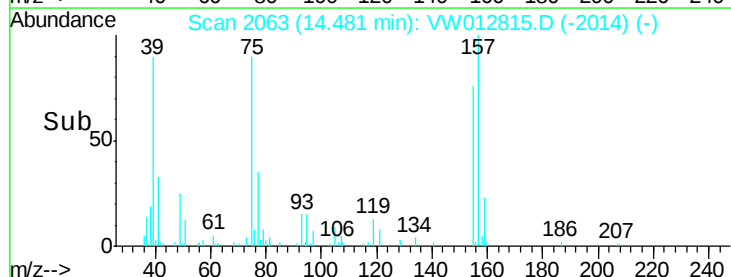
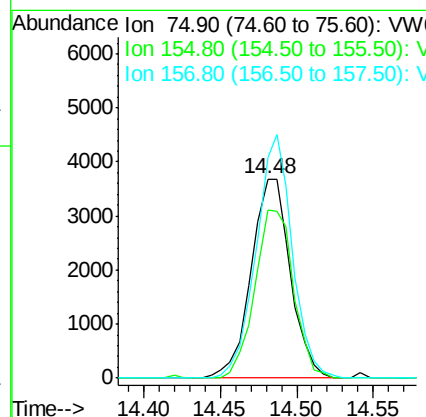
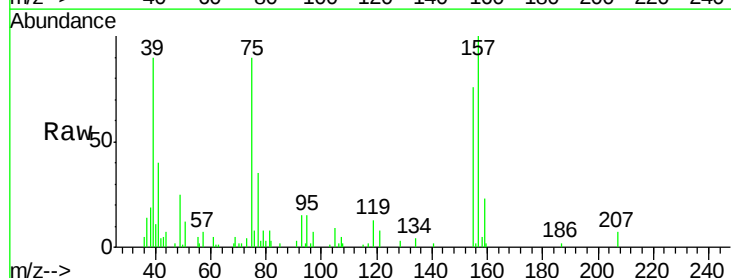
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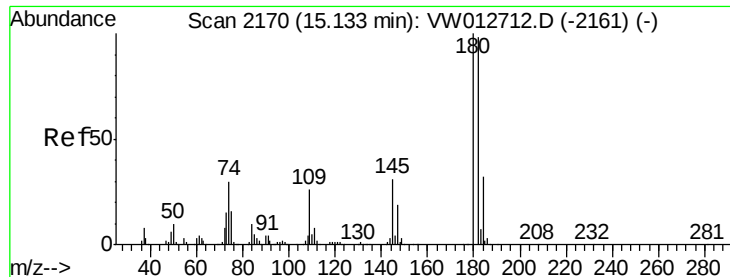
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.697 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	40.6	122.0
157	112.5	52.5	157.5





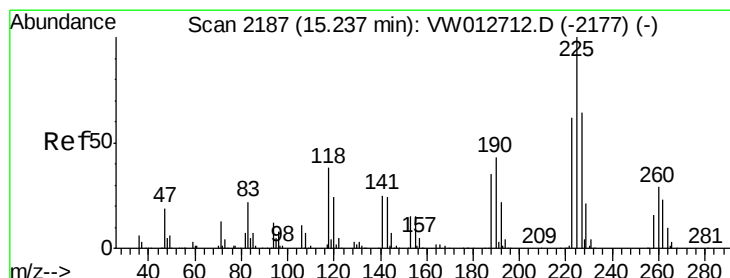
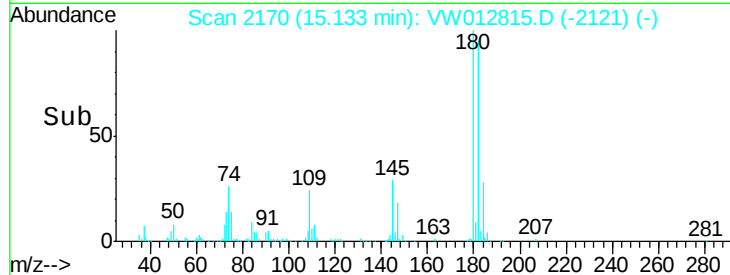
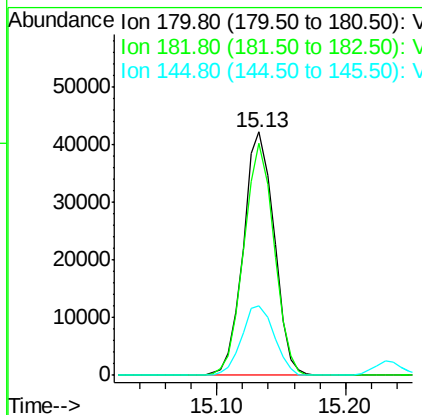
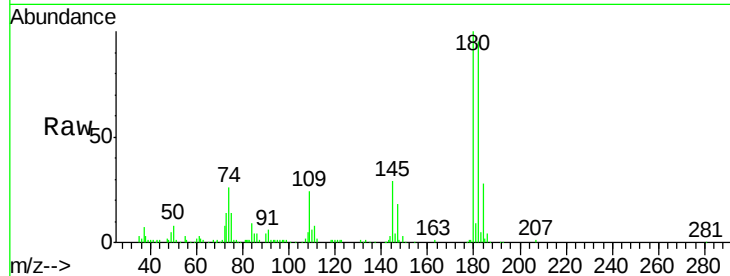
#93
 1,2,4-Trichlorobenzene
 Concen: 20.473 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69542		
182	93.7	48.7	146.1	
145	30.3	15.0	45.1	

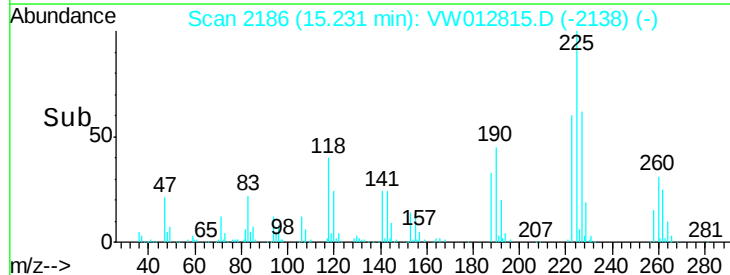
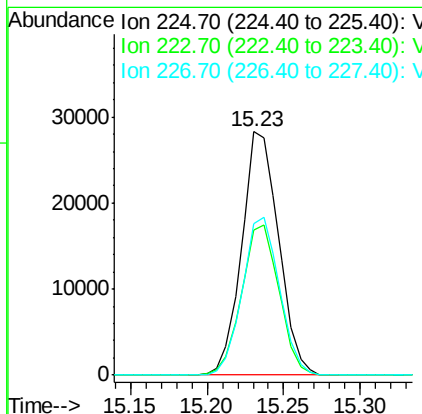
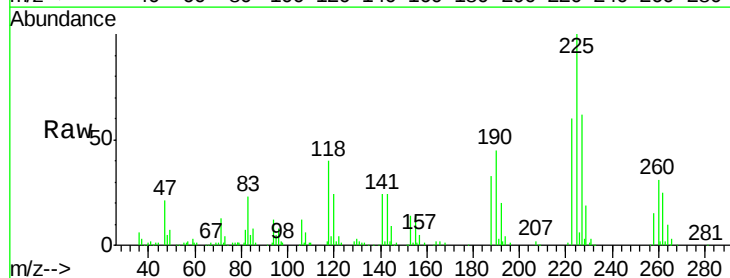
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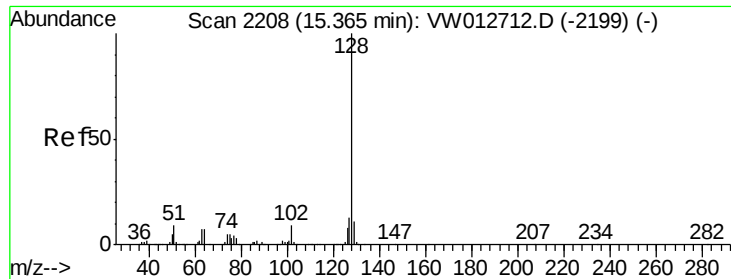
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#94
 Hexachlorobutadiene
 Concen: 20.167 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012815.D
 Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47416		
223	62.5	31.1	93.3	
227	65.2	31.4	94.2	





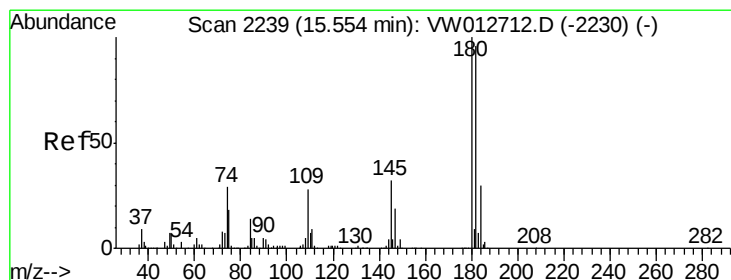
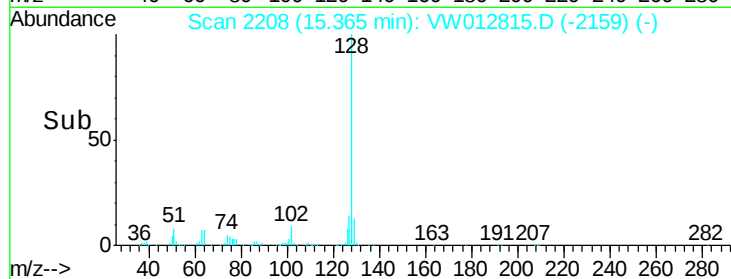
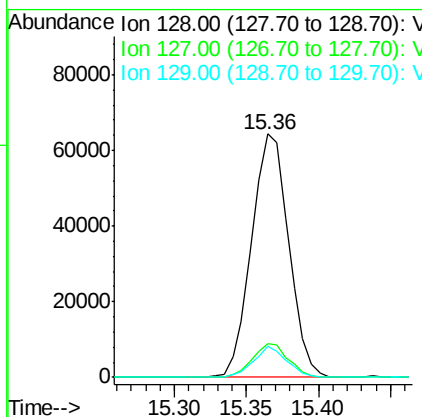
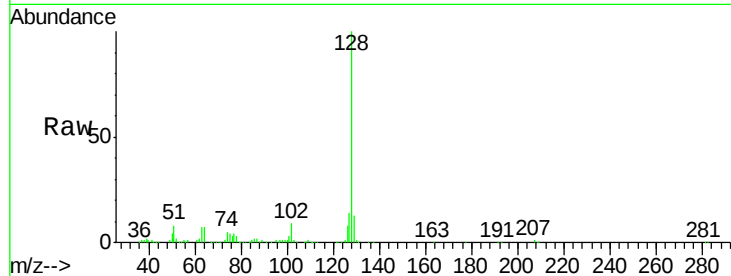
#95
Naphthalene
Concen: 19.135 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	114835		
127	13.8	10.7	16.1	
129	11.1	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.758 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012815.D
Acq: 09 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59241		
182	94.4	47.8	143.3	
145	31.8	15.4	46.2	

