

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012720.D
 Acq On : 07 Sep 2019 15:37
 Operator : SY/VA
 Sample : VW0907SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:02:59 PM

Quant Time: Sep 08 05:26:36 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	267319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	183148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	161312	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	7.88	113	126341	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	
50) Toluene-d8	10.32	98	458118	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.62	95	178254	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31984	22.070	ug/l	99
3) Chloromethane	2.21	50	36480	20.713	ug/l	94
4) Vinyl Chloride	2.35	62	45360	21.005	ug/l	97
5) Bromomethane	2.77	94	24368	20.781	ug/l	92
6) Chloroethane	2.91	64	25285	19.622	ug/l	94
7) Trichlorofluoromethane	3.24	101	27056	18.156	ug/l	96
8) Diethyl Ether	3.68	74	26223	20.937	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49147	21.016	ug/l	98
10) Methyl Iodide	4.26	142	61949	21.043	ug/l	99
11) Tert butyl alcohol	5.19	59	19109	83.619	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	46284	20.966	ug/l	96
13) Acrolein	3.90	56	21540	88.822	ug/l	99
14) Allyl chloride	4.67	41	91464	20.028	ug/l	98
15) Acrylonitrile	5.36	53	67159	91.805	ug/l	99
16) Acetone	4.14	43	65495	80.434	ug/l	93
17) Carbon Disulfide	4.38	76	100930	21.539	ug/l	99
18) Methyl Acetate	4.67	43	35563	18.615	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	88310	20.171	ug/l	98
20) Methylene Chloride	4.91	84	51913	20.378	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	47557	21.113	ug/l	93
22) Diisopropyl ether	6.31	45	185857	20.520	ug/l	98
23) Vinyl Acetate	6.25	43	560337	97.618	ug/l	99
24) 1,1-Dichloroethane	6.21	63	100413	20.590	ug/l	99
25) 2-Butanone	7.17	43	87115	86.620	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57298	18.602	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	51388	19.675	ug/l	99
28) Bromochloromethane	7.51	49	39526	17.651	ug/l	93
29) Tetrahydrofuran	7.53	42	57862	87.995	ug/l	100
30) Chloroform	7.67	83	95846	19.830	ug/l	98
31) Cyclohexane	7.95	56	87413	19.910	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	79481	20.287	ug/l	98
36) 1,1-Dichloropropene	8.08	75	71553	21.564	ug/l	99
37) Ethyl Acetate	7.26	43	40297	19.051	ug/l	98
38) Carbon Tetrachloride	8.07	117	69045	21.109	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80596	21.626	ug/l	98
40) Benzene	8.32	78	207122	22.498	ug/l	99
41) Methacrylonitrile	7.48	41	23758	19.093	ug/l	93
42) 1,2-Dichloroethane	8.40	62	69112	21.330	ug/l	99
43) Isopropyl Acetate	8.42	43	78971	19.706	ug/l	97
44) Trichloroethene	9.09	130	51230	21.587	ug/l	94
45) 1,2-Dichloropropane	9.37	63	53766	21.056	ug/l	99
46) Dibromomethane	9.46	93	25977	21.484	ug/l	100
47) Bromodichloromethane	9.64	83	71479	21.487	ug/l	96
48) Methyl methacrylate	9.43	41	37148	19.397	ug/l	99
49) 1,4-Dioxane	9.46	88	8716	364.929	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	179547	85.382	ug/l	100
52) Toluene	10.38	92	113652	19.779	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64368	18.817	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74062	19.086	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35194	19.442	ug/l	97
56) Ethyl methacrylate	10.65	69	47868	18.065	ug/l	100
57) 1,3-Dichloropropane	10.93	76	68043	20.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	129485	92.046	ug/l	96
59) 2-Hexanone	10.97	43	137777	89.680	ug/l	99
60) Dibromochloromethane	11.13	129	43645	20.500	ug/l	98
61) 1,2-Dibromoethane	11.23	107	33925	20.441	ug/l	98
64) Tetrachloroethene	10.86	164	40198	18.361	ug/l	97
65) Chlorobenzene	11.66	112	135101	19.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	50802	20.004	ug/l	98
67) Ethyl Benzene	11.73	91	255476	19.967	ug/l	99
68) m/p-Xylenes	11.83	106	187429	40.584	ug/l	99
69) o-Xylene	12.16	106	88976	20.421	ug/l	97
70) Styrene	12.18	104	153577	19.947	ug/l	99
71) Bromoform	12.35	173	26490	18.775	ug/l	98
73) Isopropylbenzene	12.46	105	256799	19.549	ug/l	99
74) N-amyl acetate	12.27	43	74576	17.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47912	18.162	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32171m	17.178	ug/l	
77) Bromobenzene	12.74	156	55163	18.536	ug/l	99
78) n-propylbenzene	12.80	91	301994	19.222	ug/l	100
79) 2-Chlorotoluene	12.89	91	170218	18.873	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	193263	17.460	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15118	17.074	ug/l	98
82) 4-Chlorotoluene	12.99	91	167555	17.564	ug/l	99
83) tert-Butylbenzene	13.21	119	185767	18.981	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	214199	19.205	ug/l	99
85) sec-Butylbenzene	13.38	105	256067	18.855	ug/l	99
86) p-Isopropyltoluene	13.49	119	236320	19.050	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113085	19.332	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110717	19.021	ug/l	99
89) n-Butylbenzene	13.82	91	226667	18.821	ug/l	100
90) Hexachloroethane	14.09	117	41549	19.186	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	100050	19.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8012	16.596	ug/l	97

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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)
93) 1,2,4-Trichlorobenzene	15.13	180	71063	19.386	ug/l	98
94) Hexachlorobutadiene	15.24	225	49715	19.594	ug/l	99
95) Naphthalene	15.36	128	124630	19.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62189	19.220	ug/l	98

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

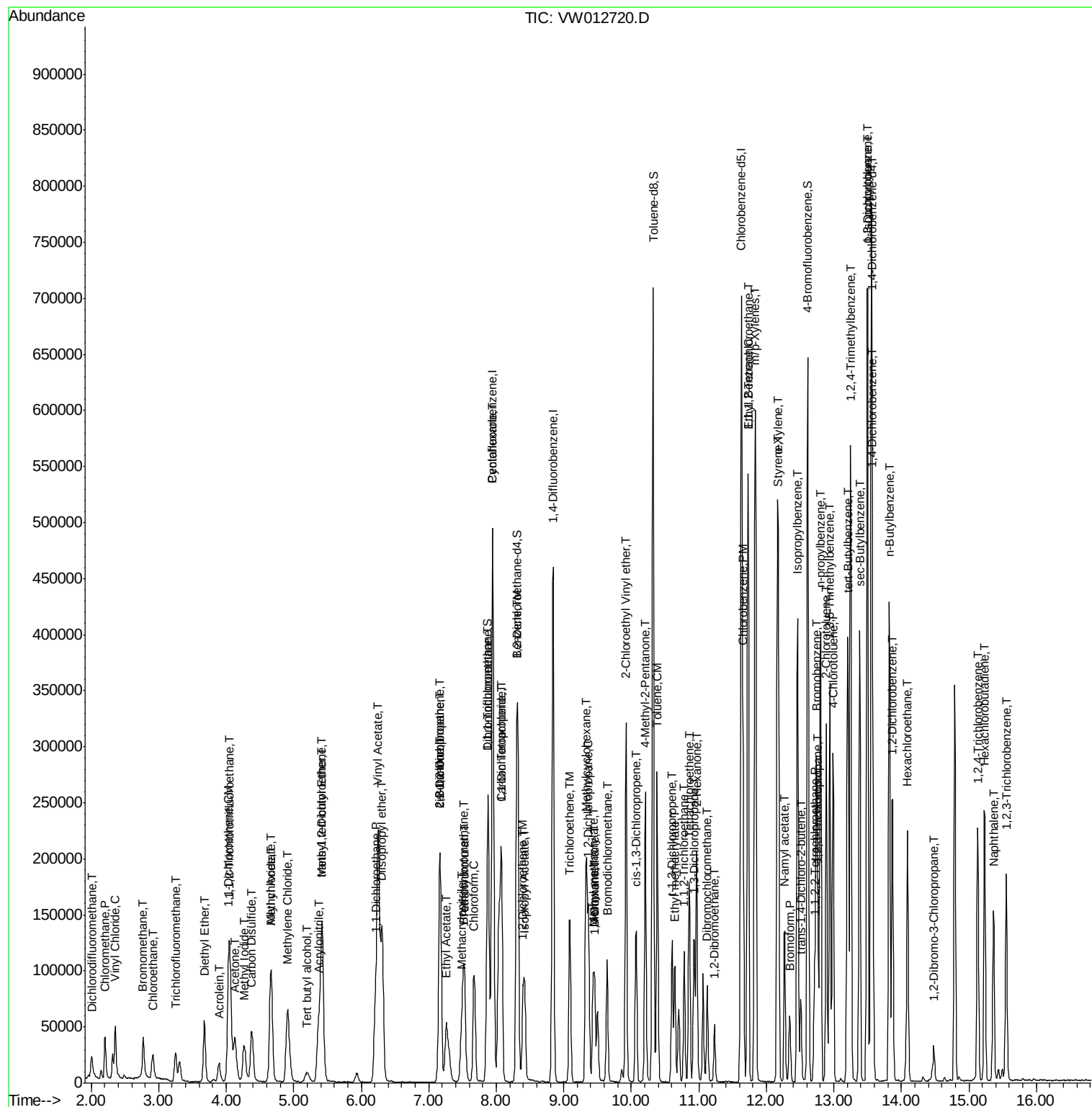
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012720.D
 Acq On : 07 Sep 2019 15:37
 Operator : SY/VA
 Sample : VW0907SBSD01
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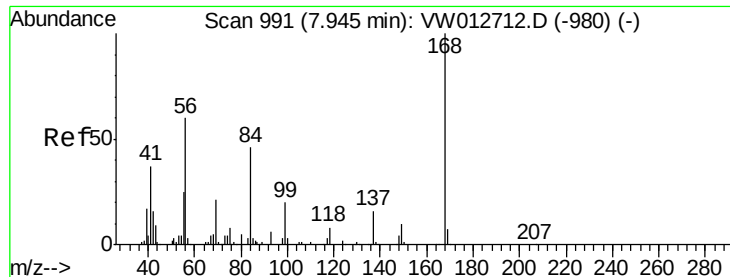
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

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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: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion:168 Resp: 267319

Ion Ratio Lower Upper

168 100

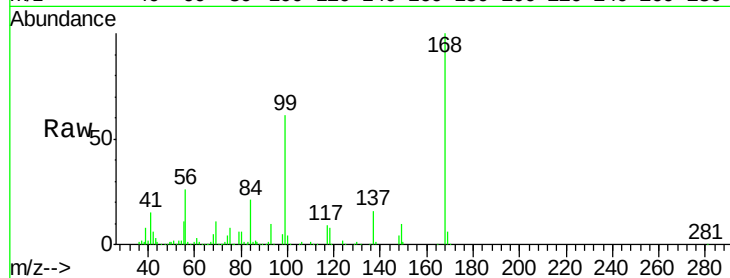
99 60.7 47.8 71.6

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

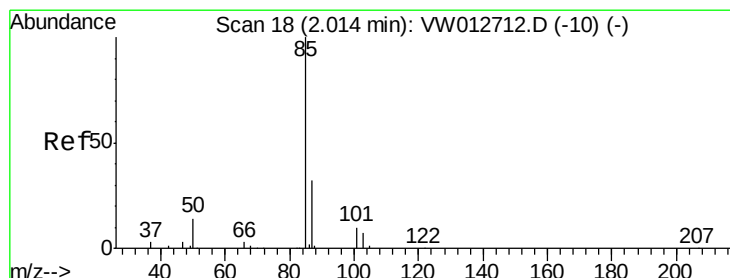
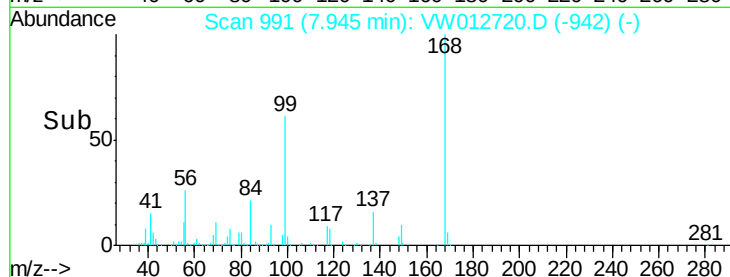
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.070 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012720.D

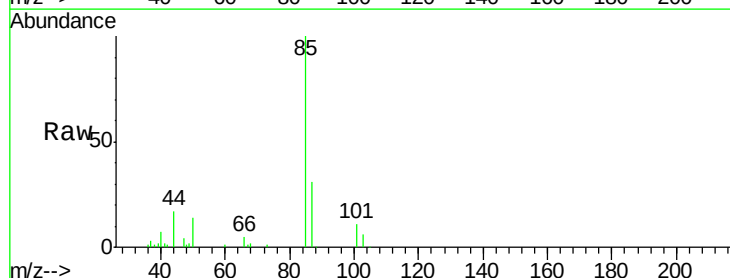
Acq: 07 Sep 2019 15:37

Tgt Ion: 85 Resp: 31984

Ion Ratio Lower Upper

85 100

87 31.2 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

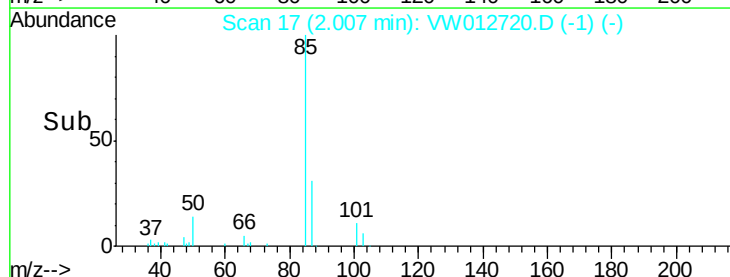
6000

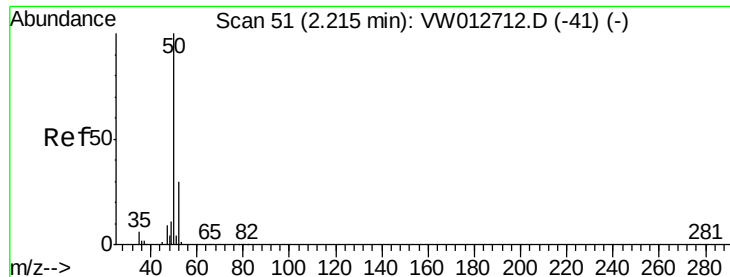
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.713 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion: 50 Resp: 36480

Ion Ratio Lower Upper

50 100

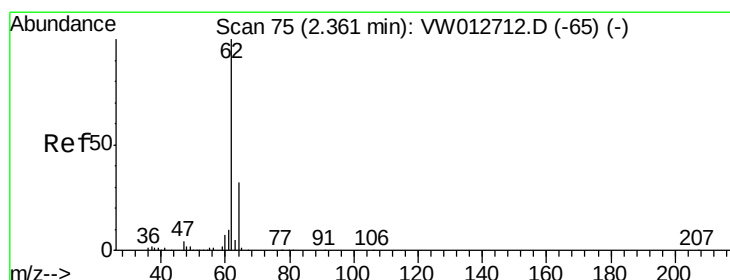
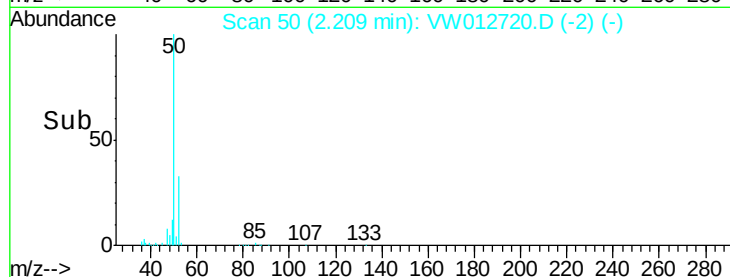
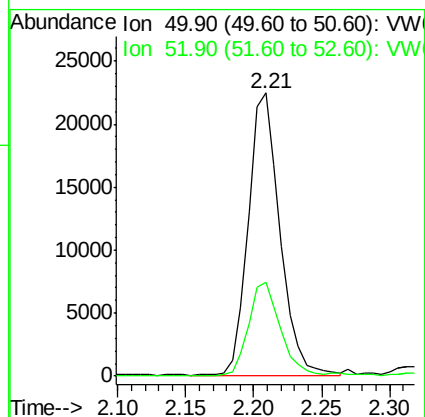
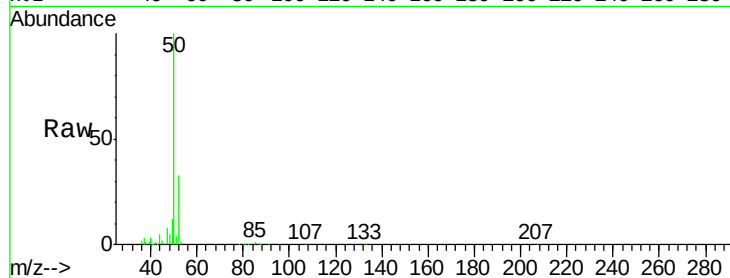
52 33.5 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.005 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012720.D

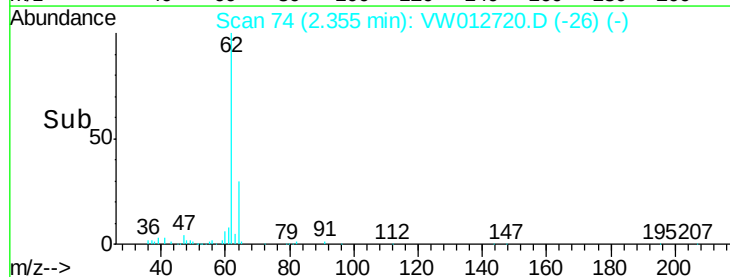
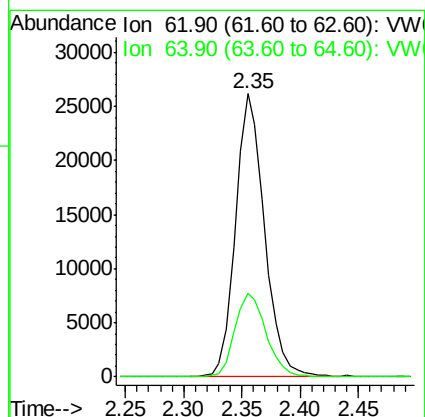
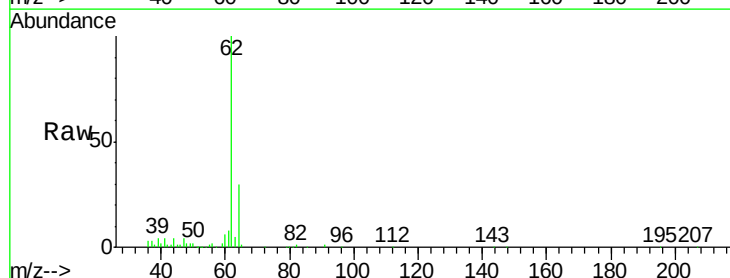
Acq: 07 Sep 2019 15:37

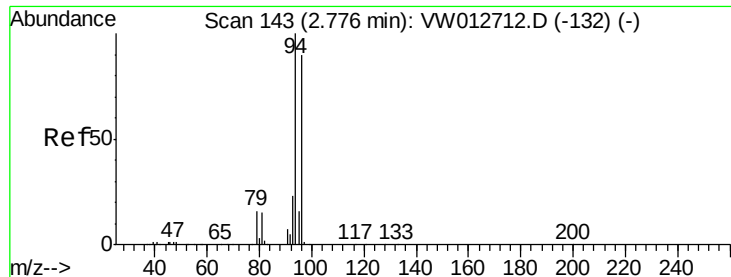
Tgt Ion: 62 Resp: 45360

Ion Ratio Lower Upper

62 100

64 29.7 25.3 37.9





#5

Bromomethane

Concen: 20.781 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion: 94 Resp: 24368

Ion Ratio Lower Upper

94 100

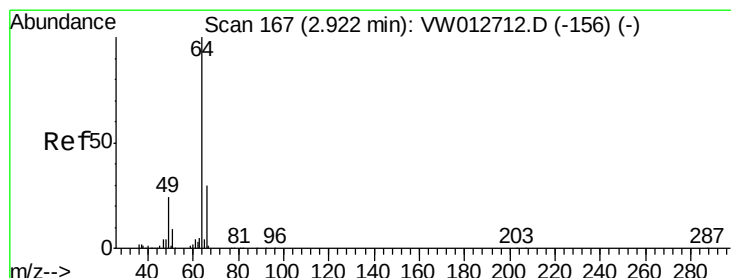
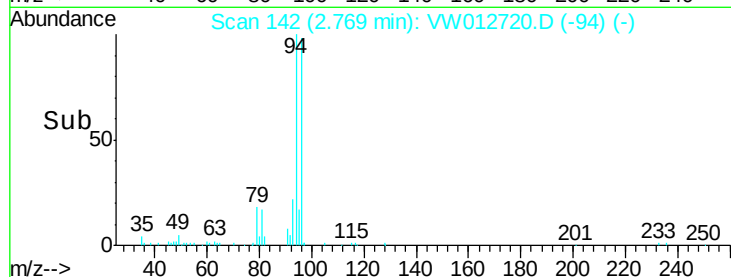
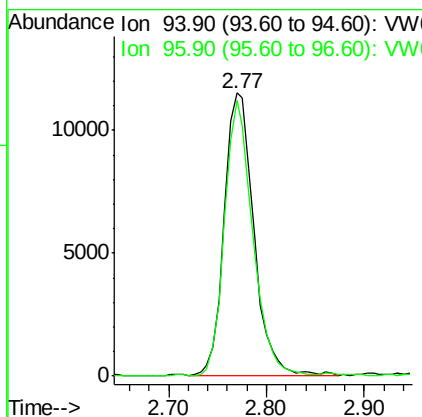
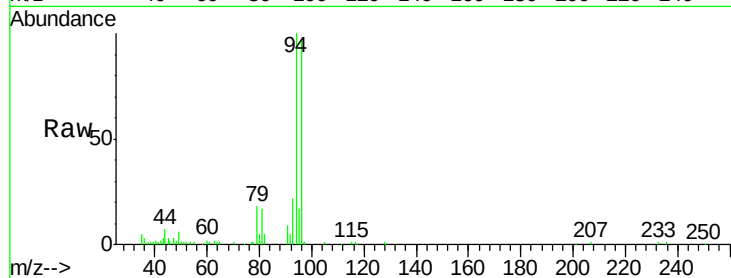
96 97.5 72.1 108.1

Manual Integrations

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9/10/2019 1:02:59 PM



#6

Chloroethane

Concen: 19.622 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012720.D

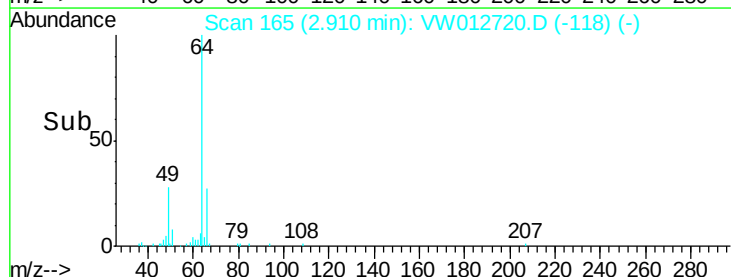
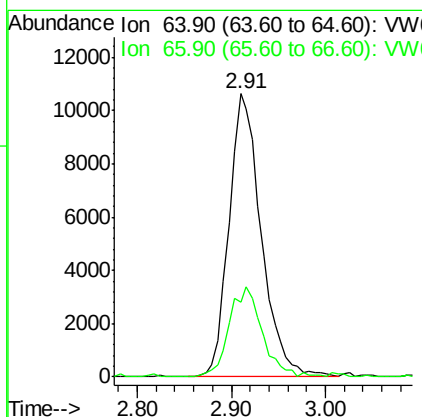
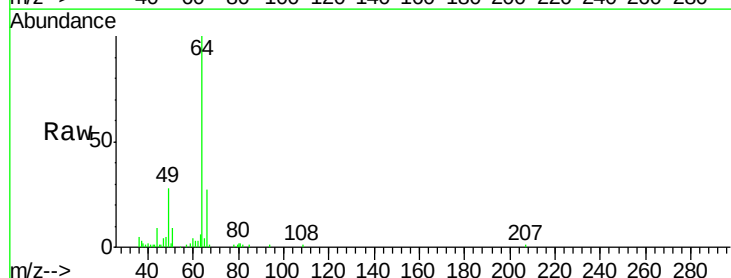
Acq: 07 Sep 2019 15:37

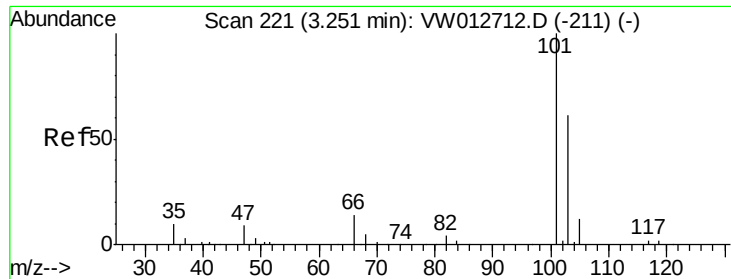
Tgt Ion: 64 Resp: 25285

Ion Ratio Lower Upper

64 100

66 26.6 23.8 35.6





#7

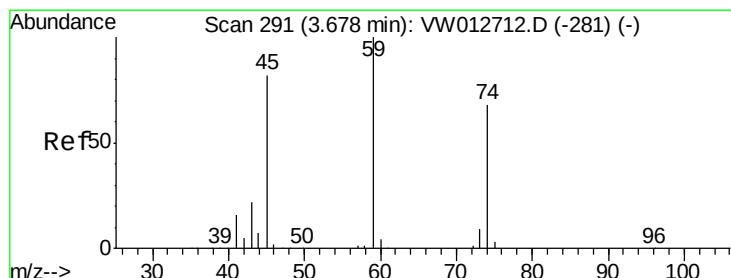
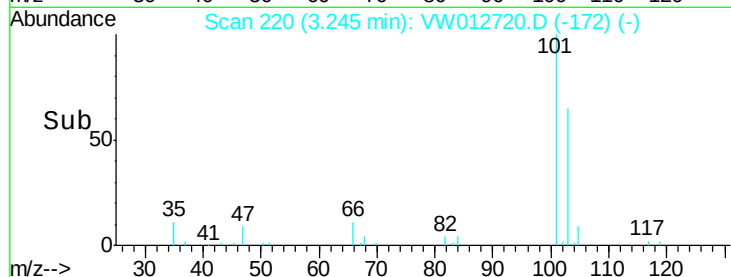
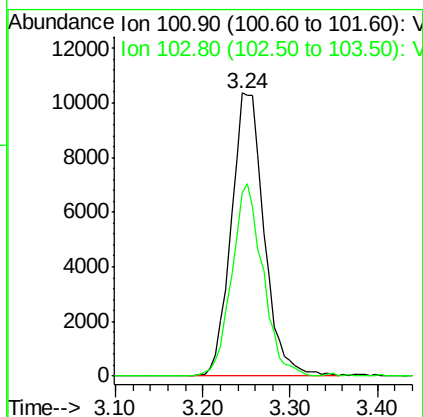
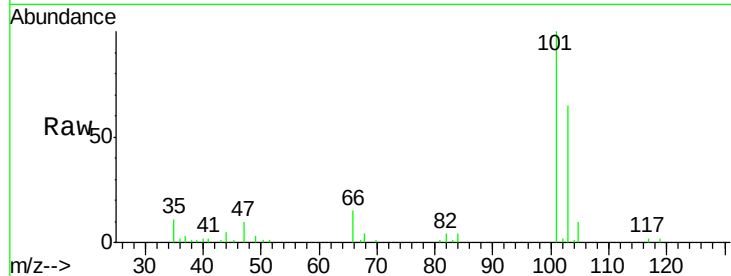
Trichlorofluoromethane
Concen: 18.156 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	49.0	73.4

Manual Integrations
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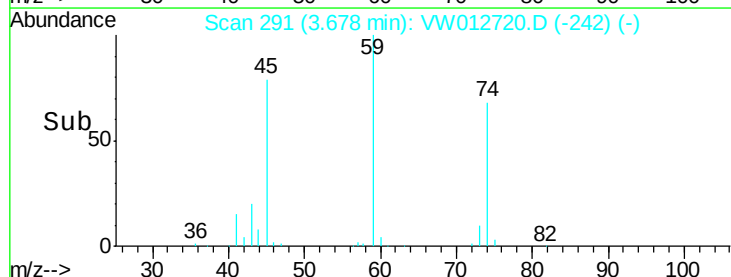
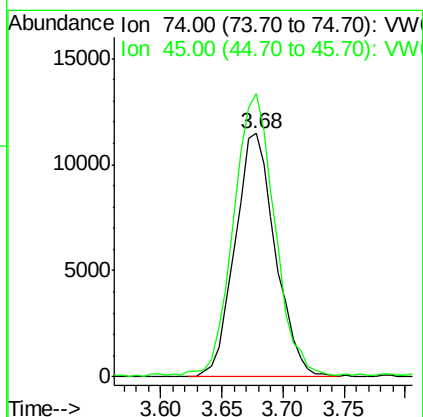
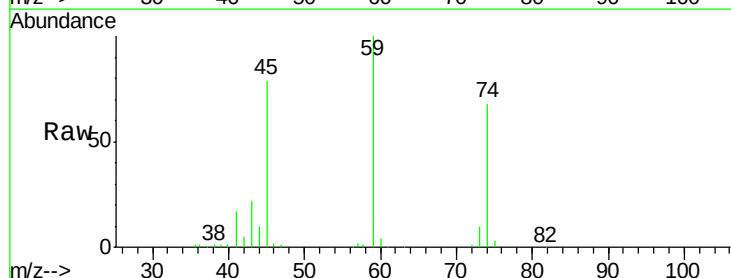
MMDadoda
9/10/2019 1:02:59 PM

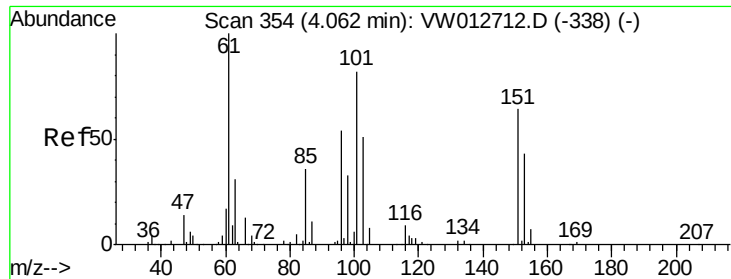


#8

Diethyl Ether
Concen: 20.937 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.6	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.016 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

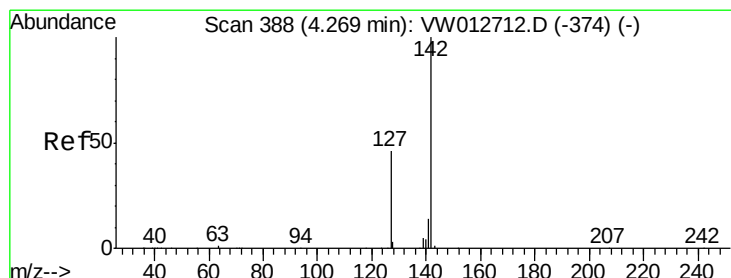
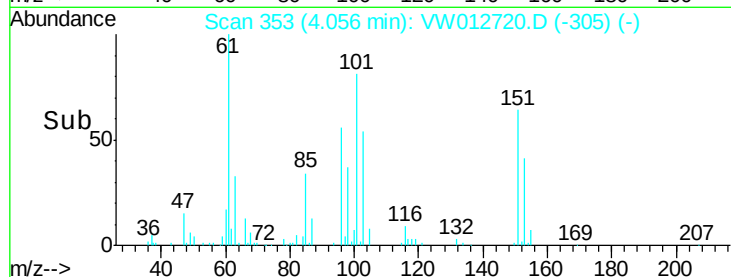
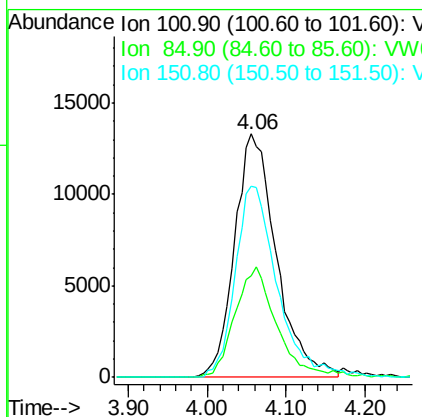
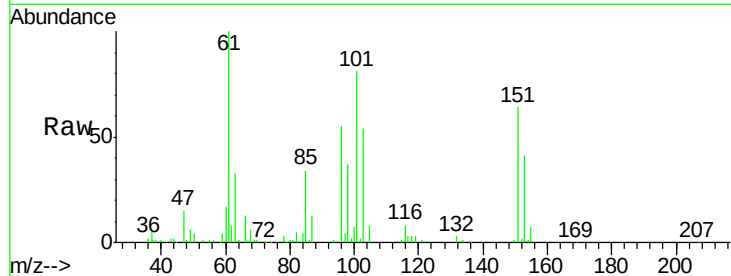
ClientSampleId :

VW0907SBS01

Tot Ion:	101	Resp:	49147
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.2	54.2
151	79.1	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 21.043 ug/l

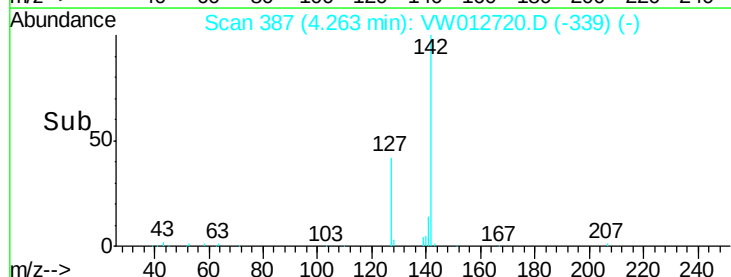
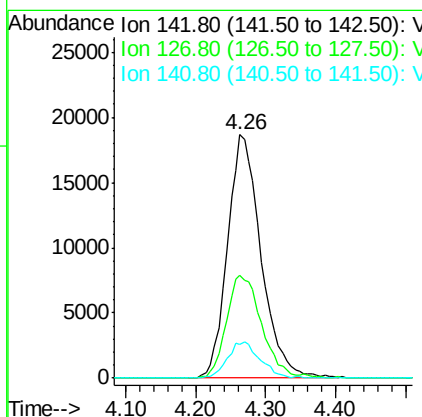
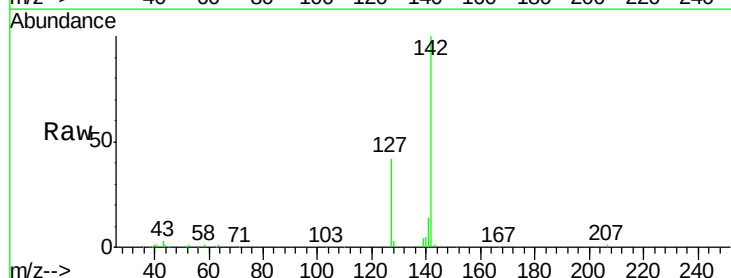
RT: 4.26 min Scan# 387

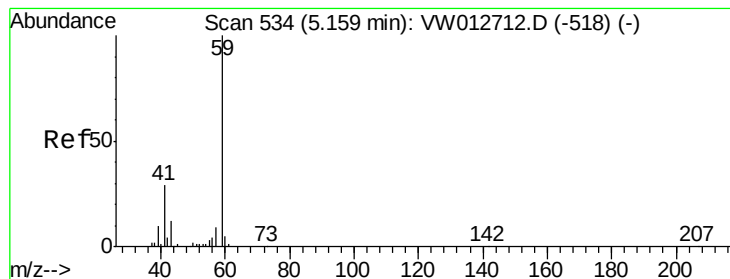
Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion:	142	Resp:	61949
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.0	54.0
141	14.5	12.2	18.4





#11

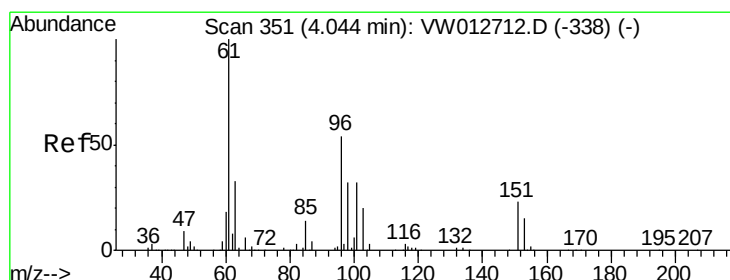
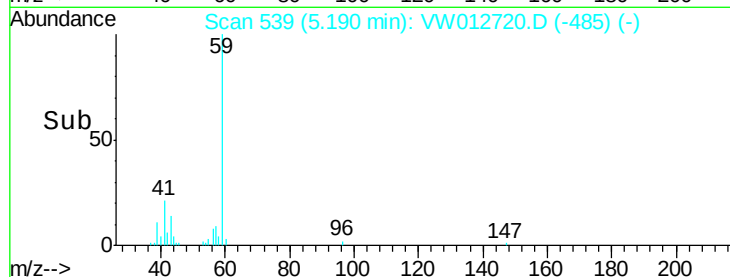
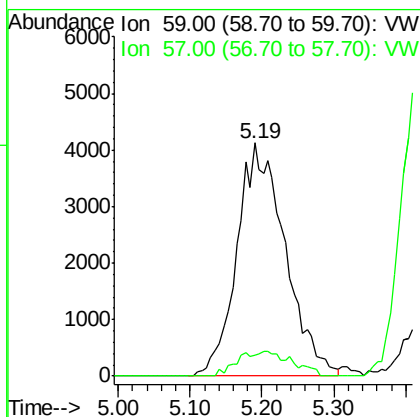
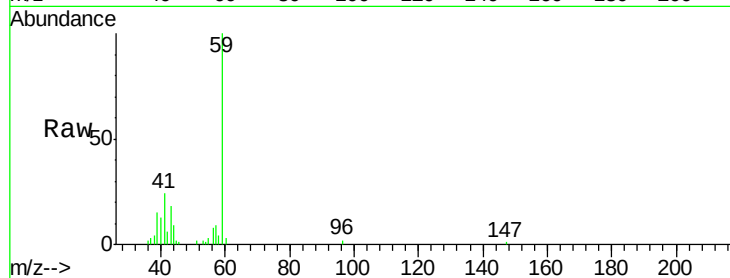
Tert butyl alcohol
Concen: 83.619 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.03 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		19109		
57	3.7		8.2	12.4	#

Manual Integrations
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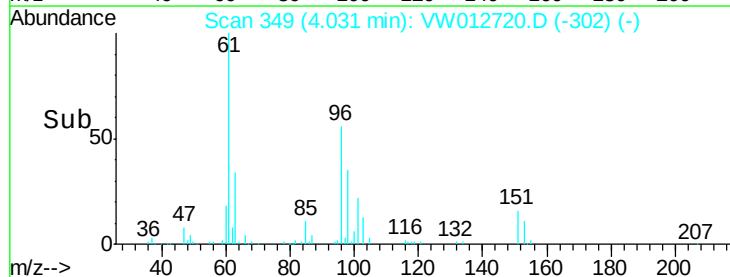
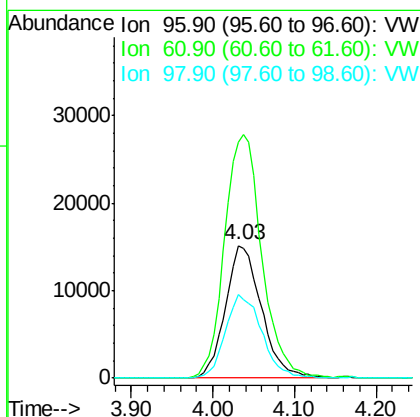
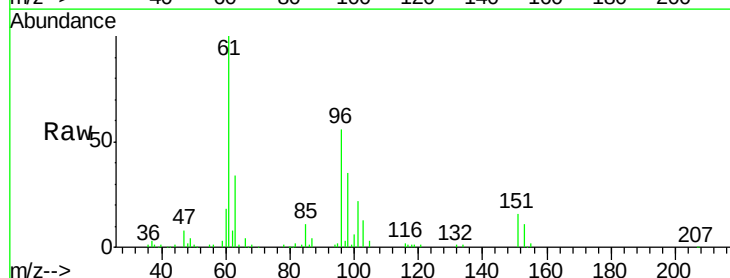
MMDadoda
9/10/2019 1:02:59 PM

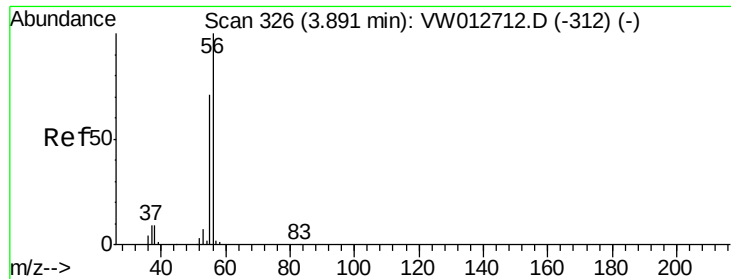


#12

1,1-Dichloroethene
Concen: 20.966 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		46284		
61	178.3		147.8	221.6	
98	62.7		47.9	71.9	





#13

Acrolein

Concen: 88.822 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 56 Resp: 21540

Ion Ratio Lower Upper

56 100

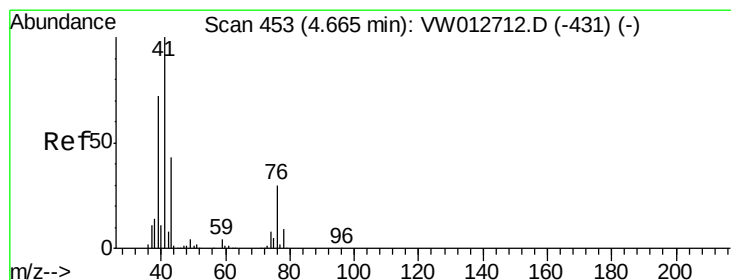
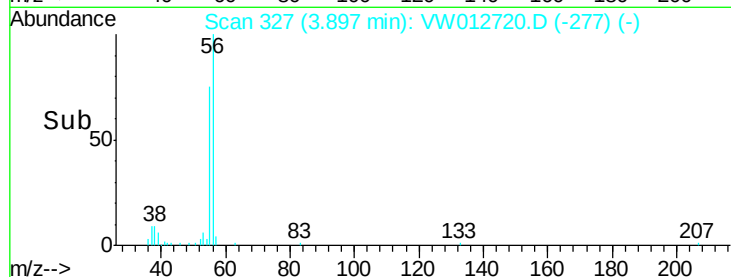
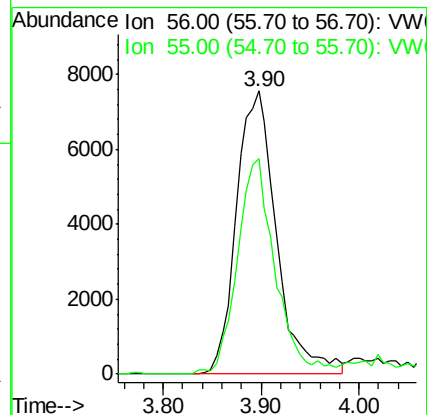
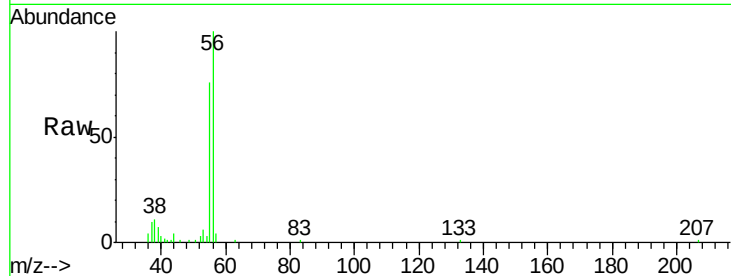
55 70.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.028 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

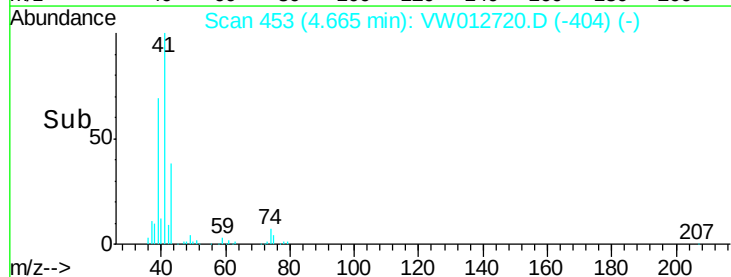
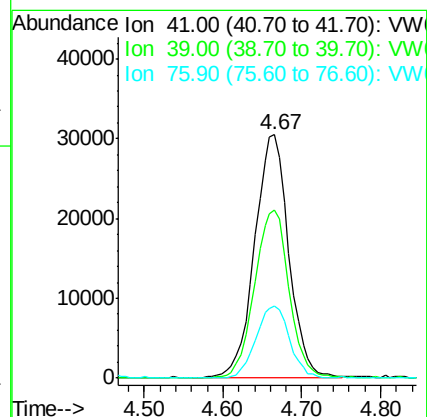
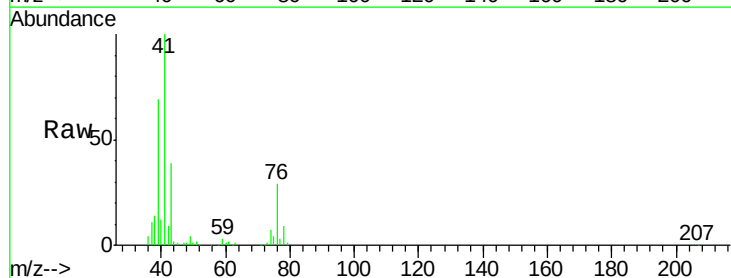
Tgt Ion: 41 Resp: 91464

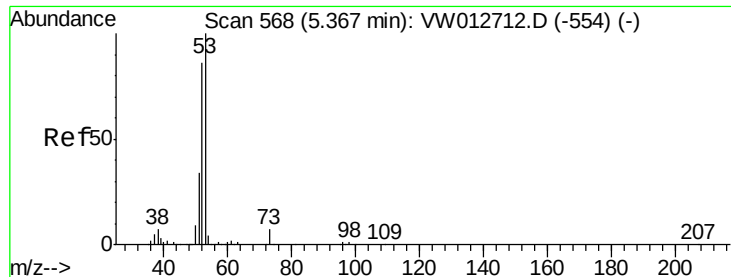
Ion Ratio Lower Upper

41 100

39 70.4 55.0 82.6

76 29.2 23.0 34.4





#15

Acrylonitrile

Concen: 91.805 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

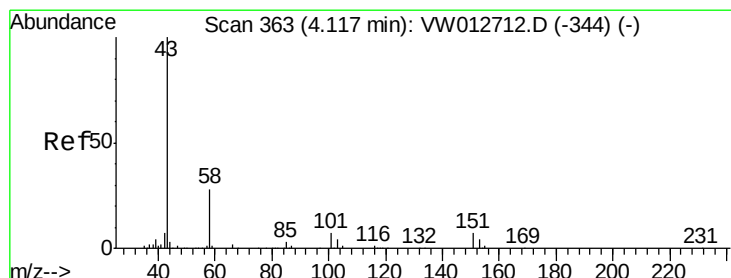
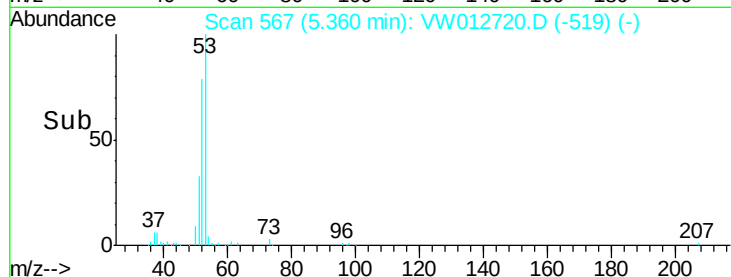
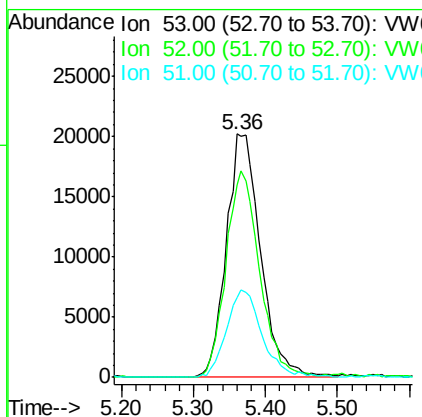
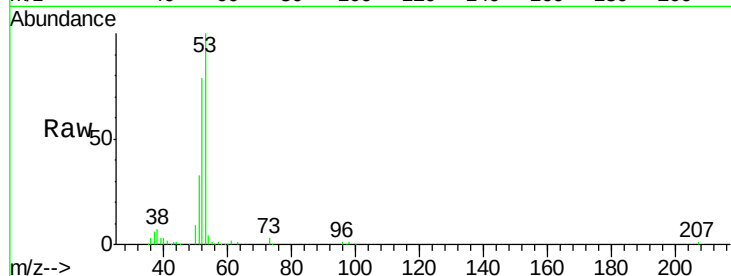
ClientSampleId :

VW0907SBS01

Tot Ion:	53	Resp:	67159
Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.0	100.4
51	37.2	29.8	44.8

Manual Integrations
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9/10/2019 1:02:59 PM



#16

Acetone

Concen: 80.434 ug/l

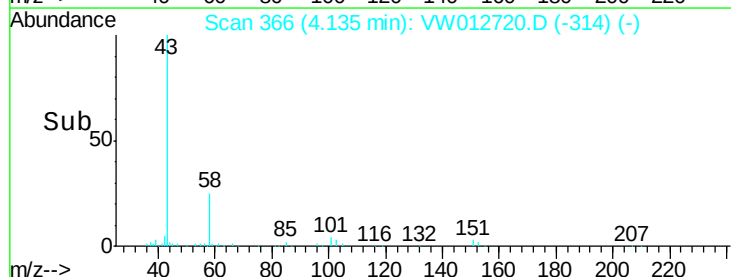
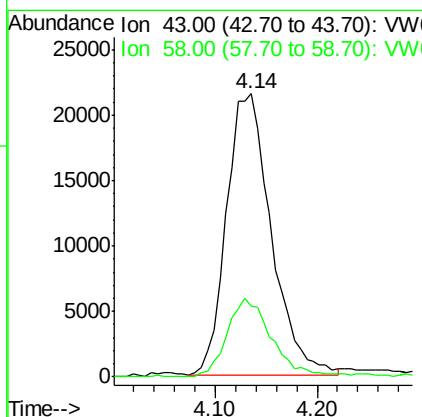
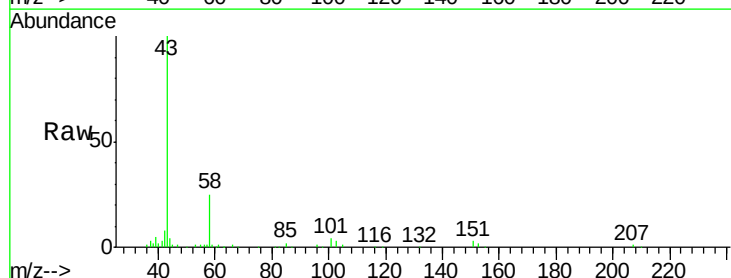
RT: 4.14 min Scan# 366

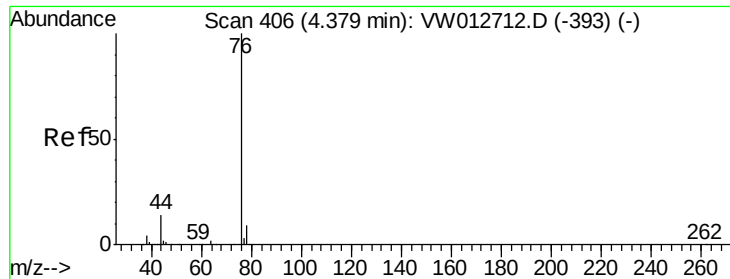
Delta R.T. 0.02 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion:	43	Resp:	65495
Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.6	33.8





#17

Carbon Disulfide

Concen: 21.539 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion: 76 Resp: 100930

Ion Ratio Lower Upper

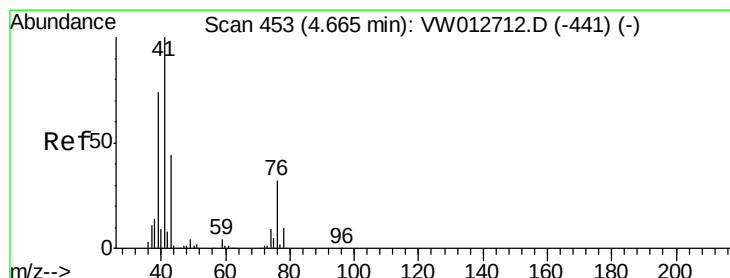
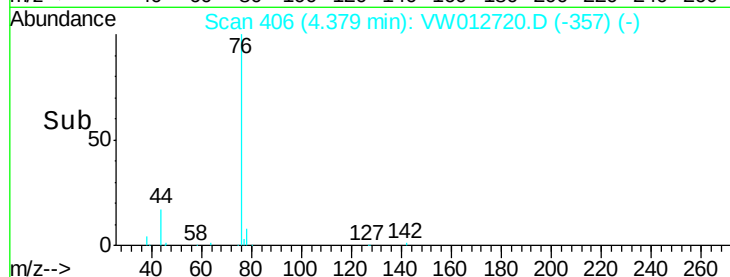
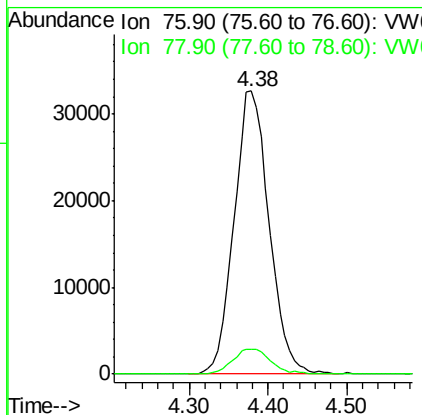
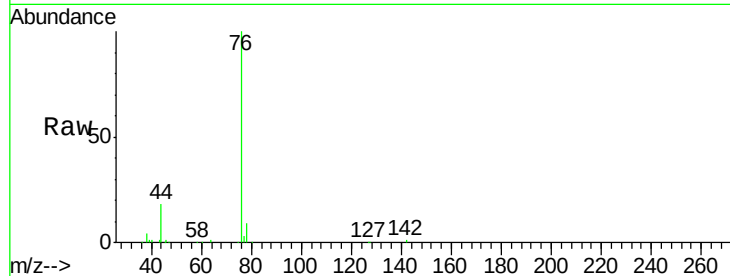
76 100

78 8.7 7.2 10.8

Manual Integrations
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#18

Methyl Acetate

Concen: 18.615 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012720.D

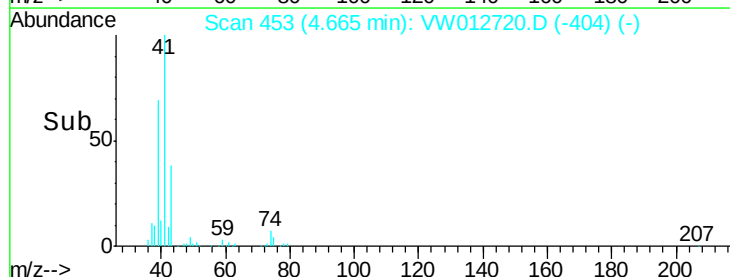
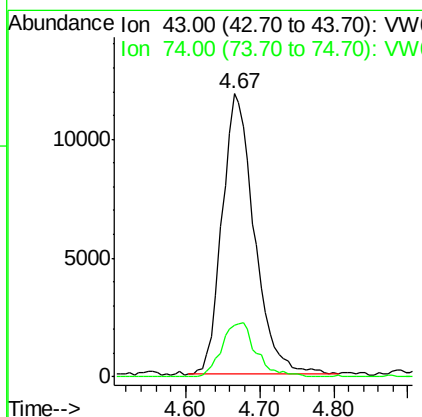
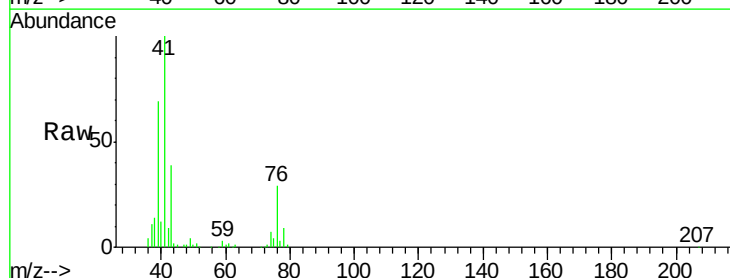
Acq: 07 Sep 2019 15:37

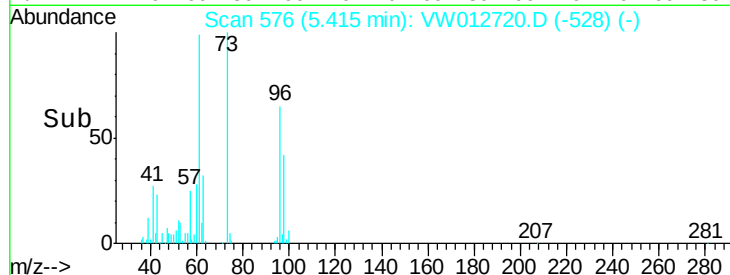
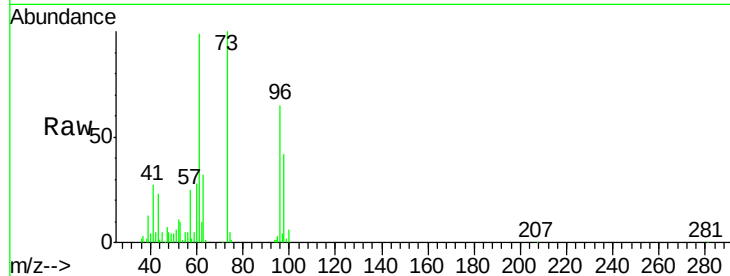
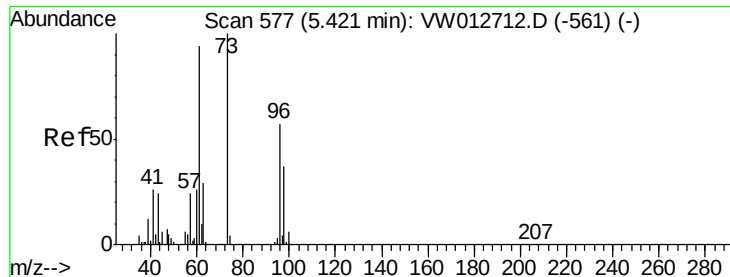
Tgt Ion: 43 Resp: 35563

Ion Ratio Lower Upper

43 100

74 20.7 15.8 23.6





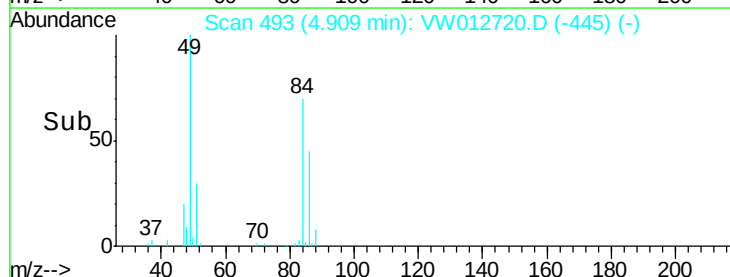
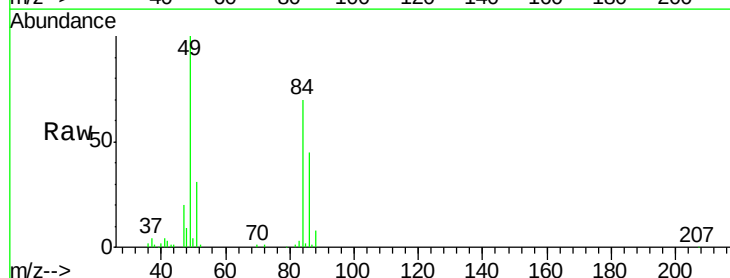
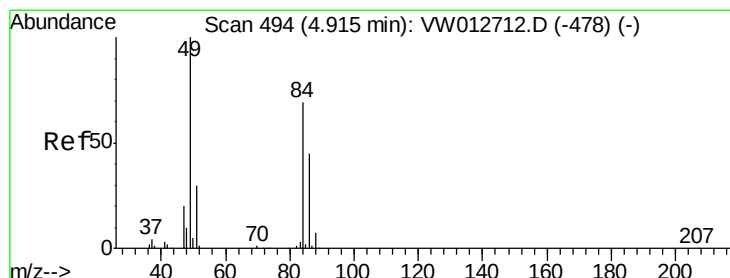
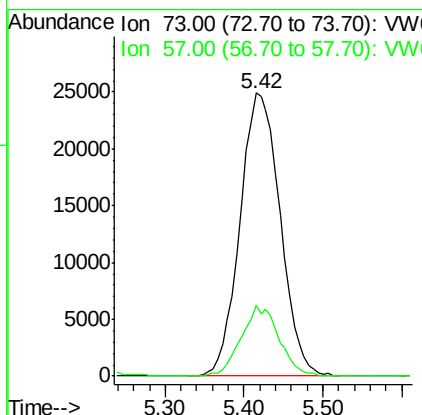
#19
Methyl tert-butyl Ether
Concen: 20.171 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tot Ion	73	Resp	88310
Ion Ratio	100	Lower	Upper
73	100	19.2	28.8
57	24.9		

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

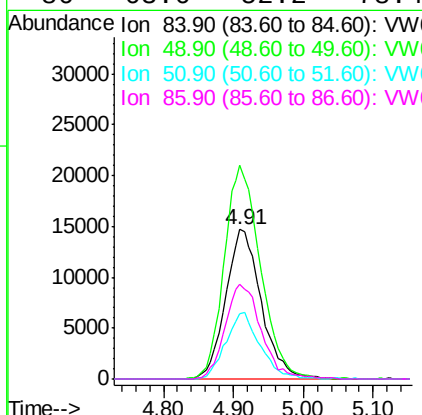
Manual Integrations
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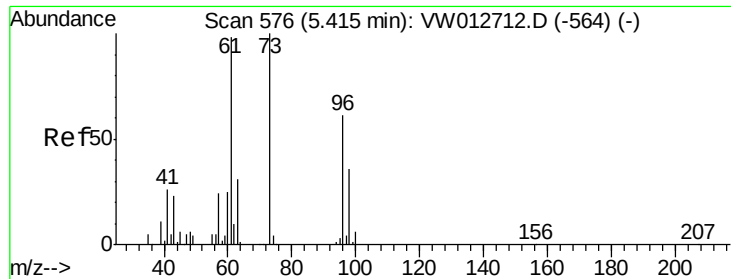
MMDadoda
9/10/2019 1:02:59 PM



#20
Methylene Chloride
Concen: 20.378 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	84	Resp	51913
Ion Ratio	100	Lower	Upper
84	100	115.4	173.0
49	142.2	34.9	52.3
51	43.6	52.2	78.4
86	63.6		





#21

trans-1,2-Dichloroethene

Concen: 21.113 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

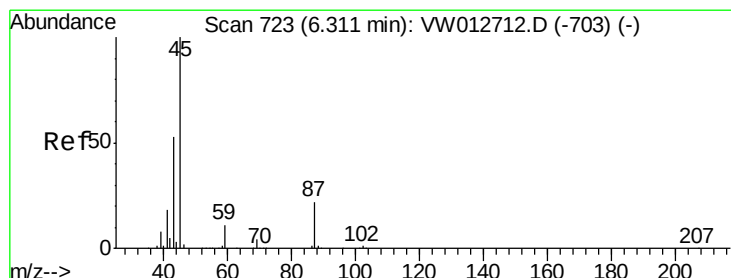
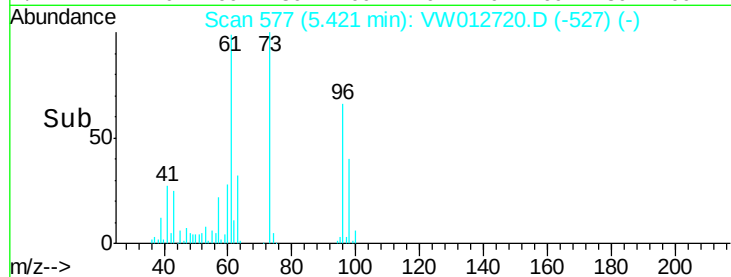
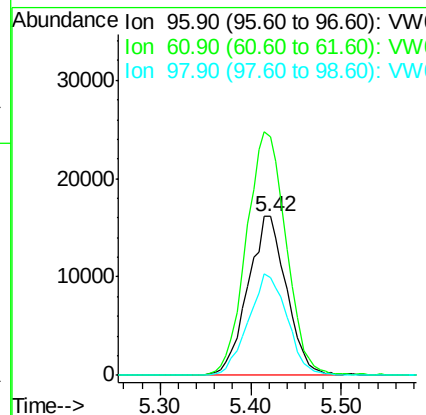
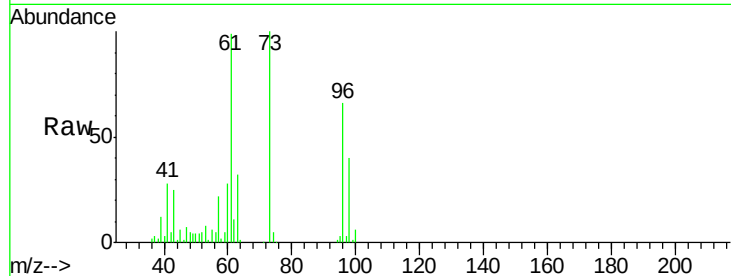
ClientSampleId :

VW0907SBSD01

Tot Ion:	96	Resp:	47557
Ion	Ratio	Lower	Upper
96	100		
61	150.5	129.2	193.8
98	61.3	48.0	72.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.520 ug/l

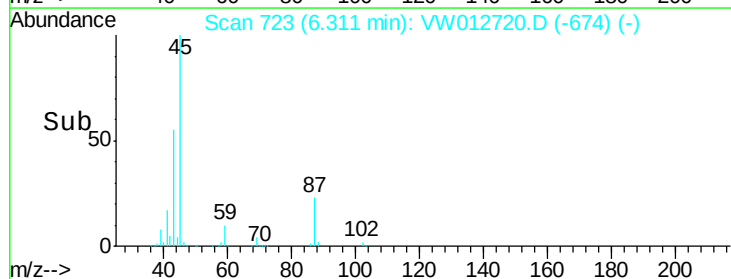
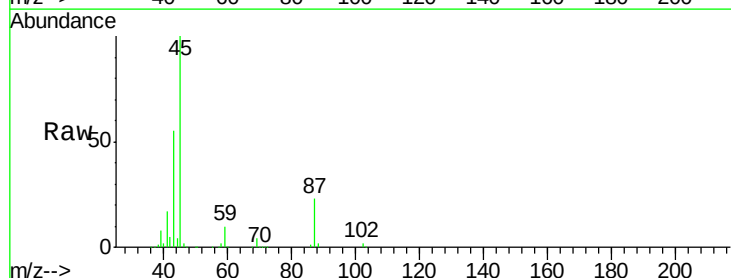
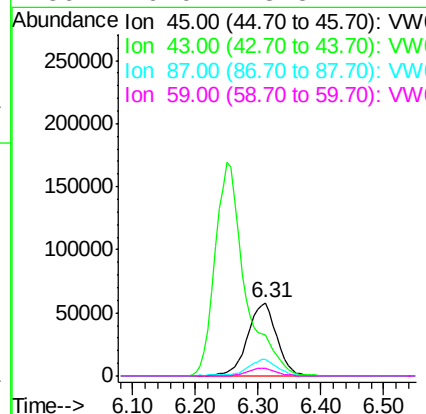
RT: 6.31 min Scan# 723

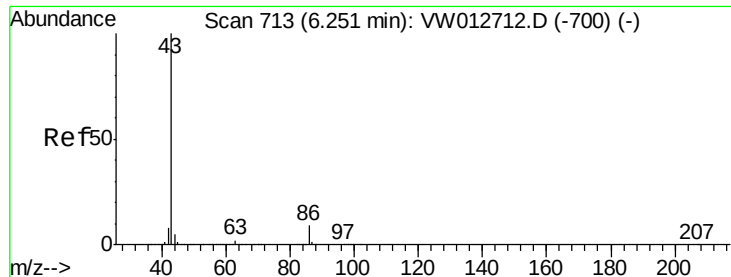
Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion:	45	Resp:	185857
Ion	Ratio	Lower	Upper
45	100		
43	54.6	42.3	63.5
87	23.1	18.2	27.2
59	10.0	8.5	12.7





#23

Vinyl Acetate

Concen: 97.618 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012720.D

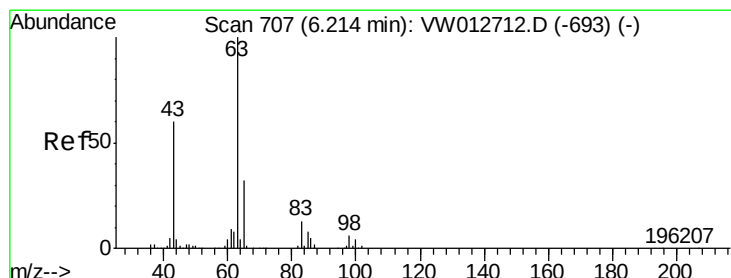
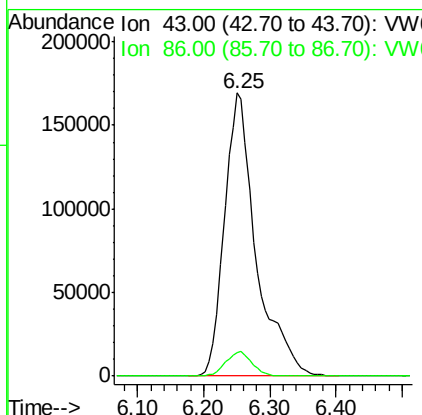
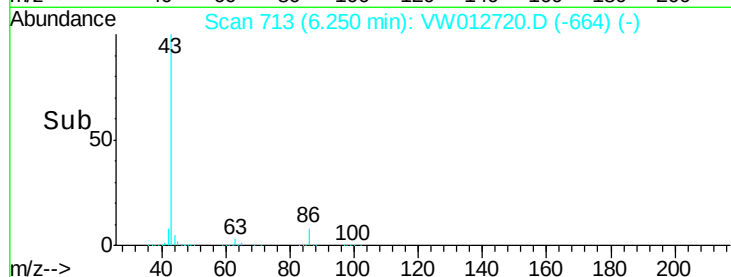
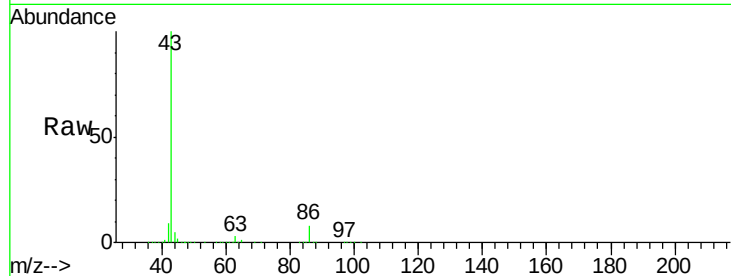
Acq: 07 Sep 2019 15:37

Tot Ion:	43	Resp:	560337
Ion Ratio	Lower	Upper	
43	100		
86	8.4	7.0	10.6

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Manual Integrations
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9/10/2019 1:02:59 PM



#24

1,1-Dichloroethane

Concen: 20.590 ug/l

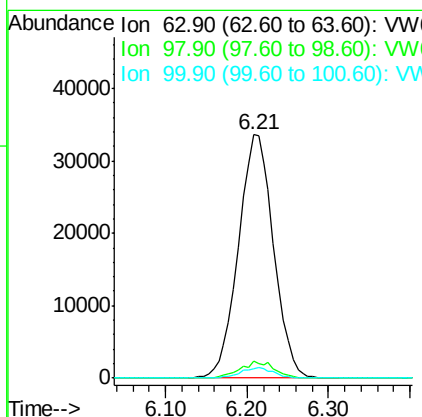
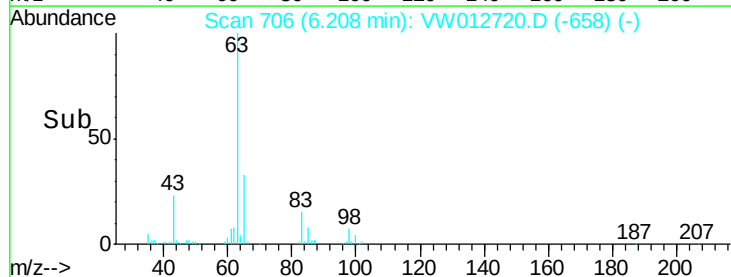
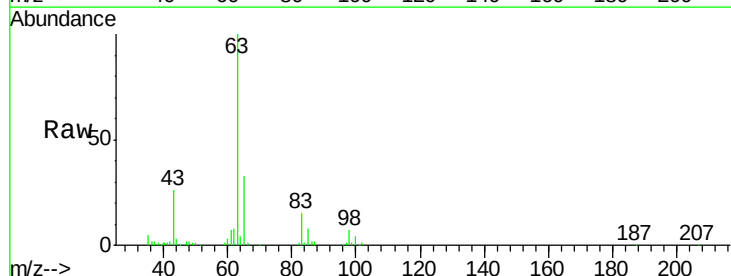
RT: 6.21 min Scan# 706

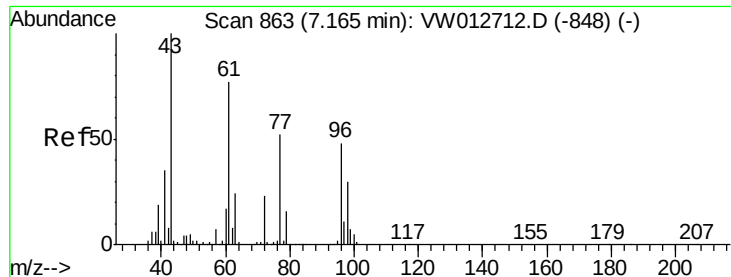
Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion:	63	Resp:	100413
Ion Ratio	Lower	Upper	
63	100		
98	6.8	3.1	9.3
100	4.1	1.8	5.5





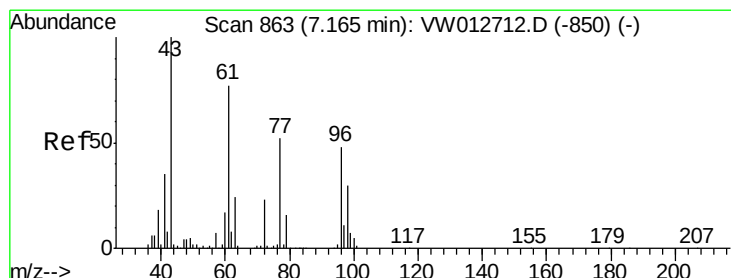
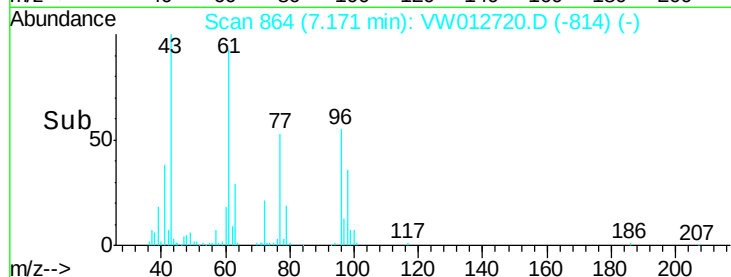
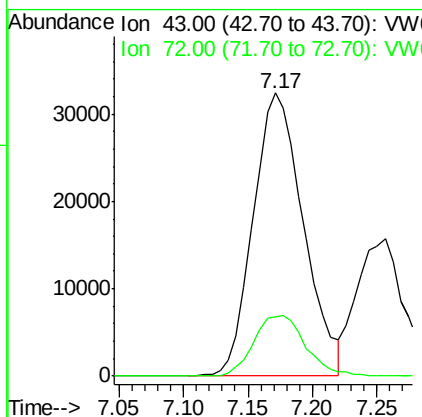
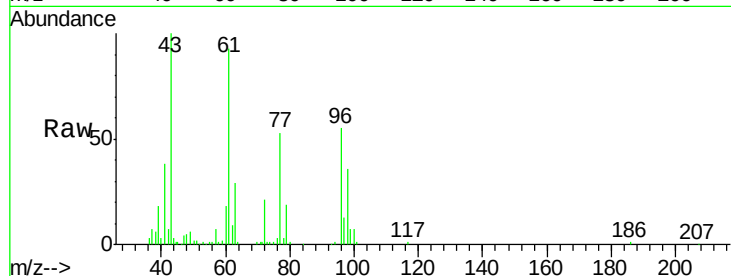
#25
2-Butanone
Concen: 86.620 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion: 43 Resp: 87115
Ion Ratio Lower Upper
43 100
72 21.0 18.0 27.0

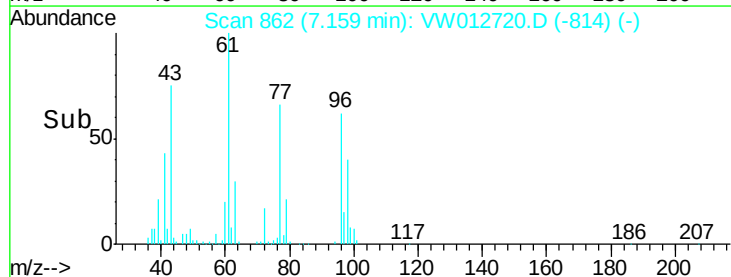
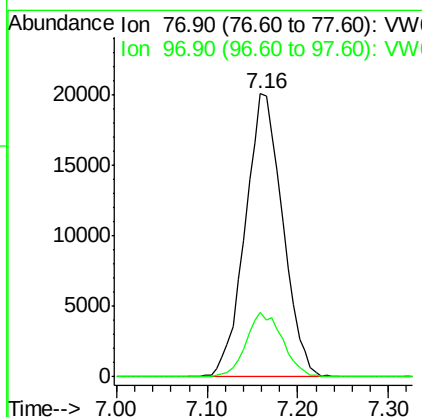
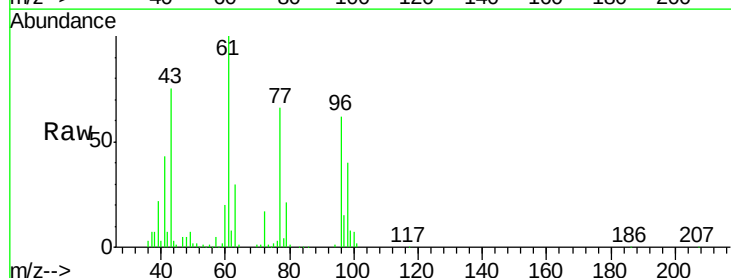
Manual Integrations
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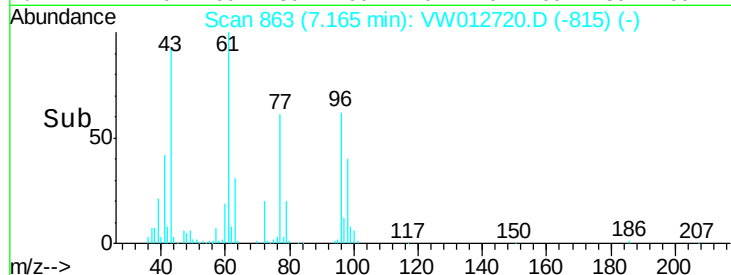
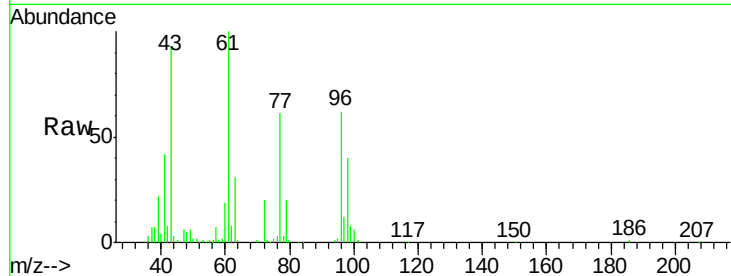
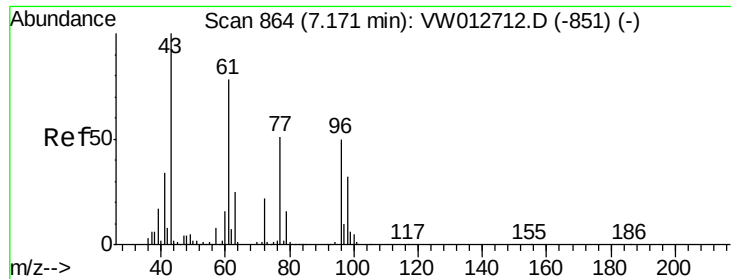
MMDadoda
9/10/2019 1:02:59 PM



#26
2,2-Dichloropropane
Concen: 18.602 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 77 Resp: 57298
Ion Ratio Lower Upper
77 100
97 22.2 10.7 32.1





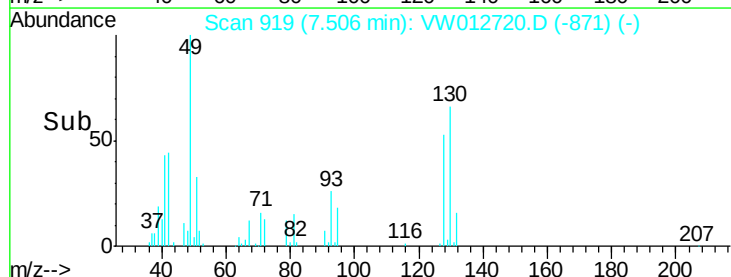
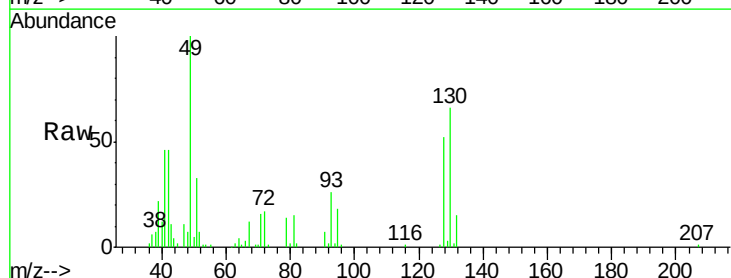
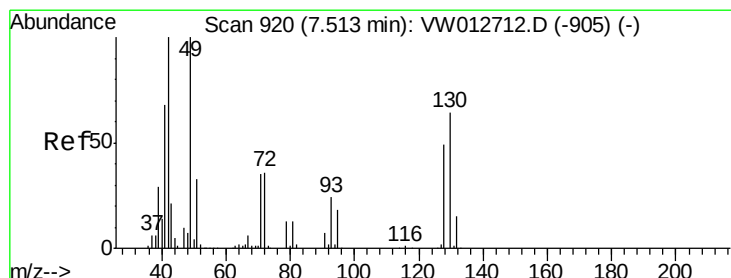
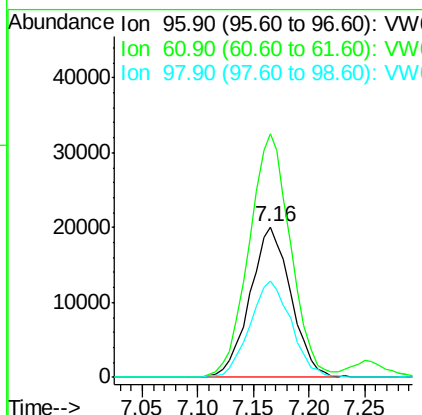
#27
 cis-1,2-Dichloroethene
 Concen: 19.675 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	164.5	0.0	325.8	
98	64.7	0.0	127.0	

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

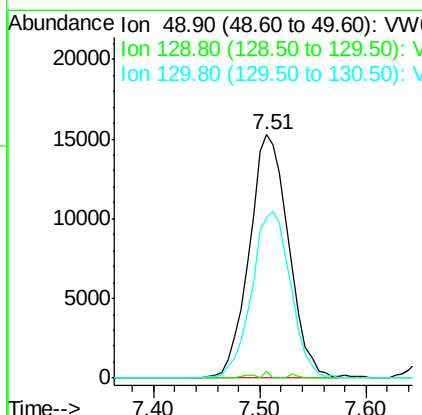
Manual Integrations
 APPROVED

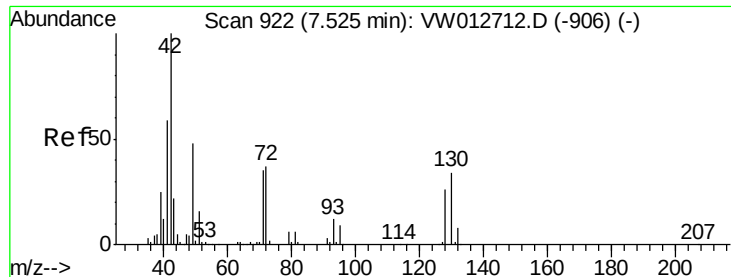
MMDadoda
 9/10/2019 1:02:59 PM



#28
 Bromochloromethane
 Concen: 17.651 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.4	0.0	0.8	
130	67.9	49.8	74.8	





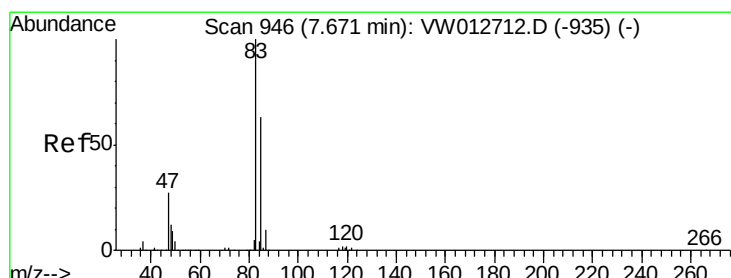
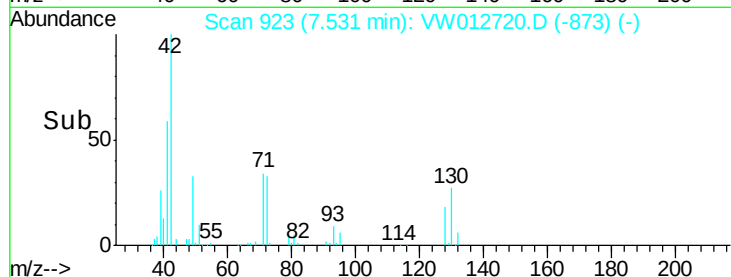
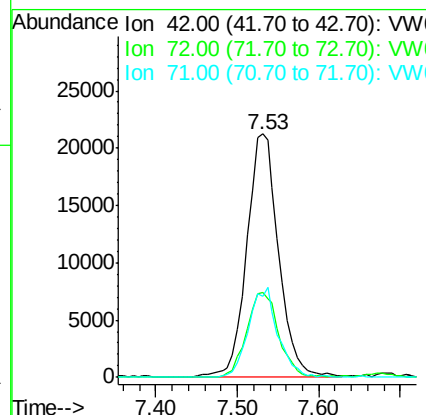
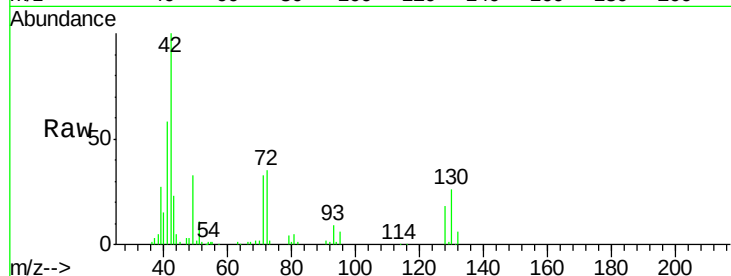
#29
Tetrahydrofuran
Concen: 87.995 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.3	28.4	42.6
71	34.2	27.1	40.7

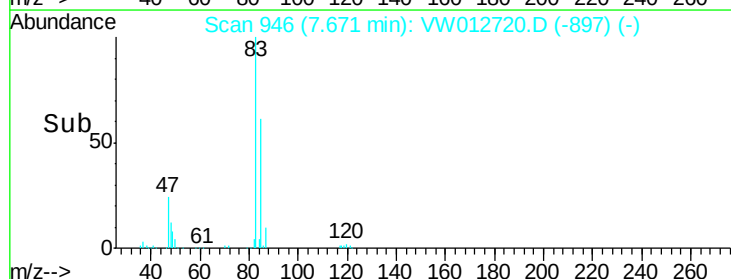
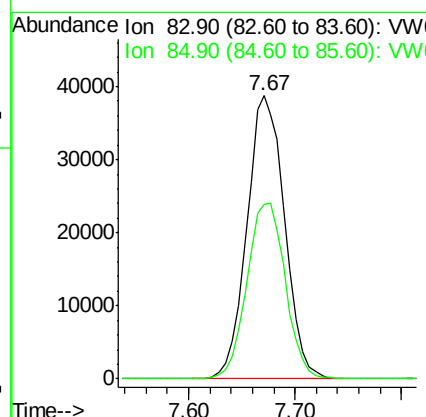
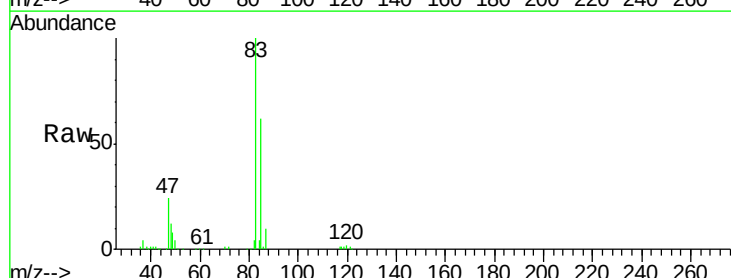
Manual Integrations
APPROVED

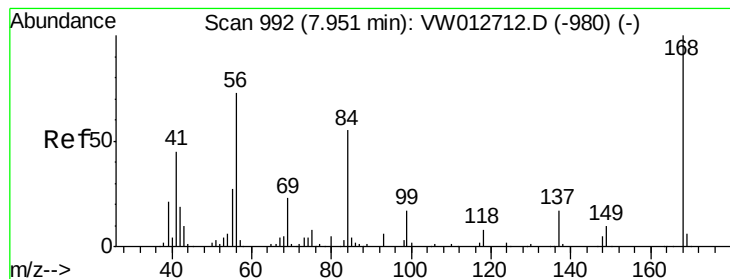
MMDadoda
9/10/2019 1:02:59 PM



#30
Chloroform
Concen: 19.830 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.6	76.0





#31

Cyclohexane

Concen: 19.910 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 56 Resp: 87413

Ion Ratio Lower Upper

56 100

69 37.8 25.7 38.5

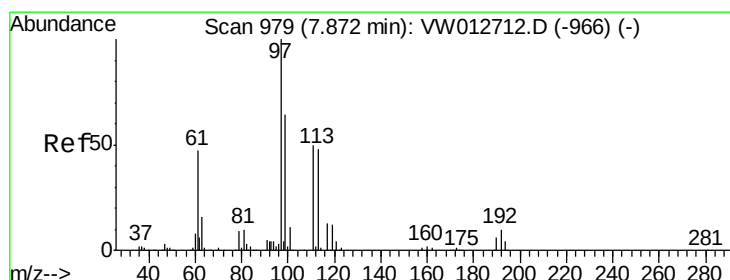
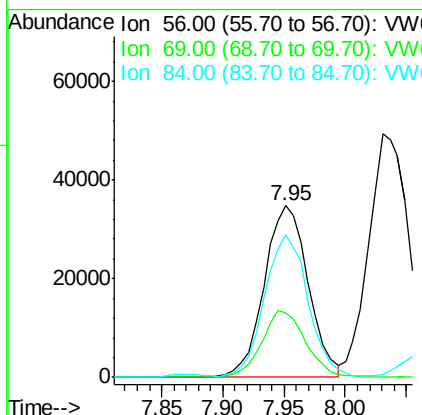
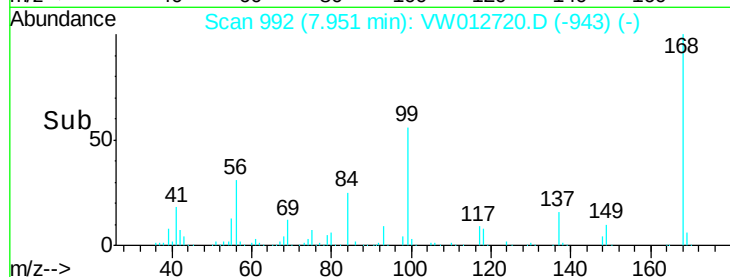
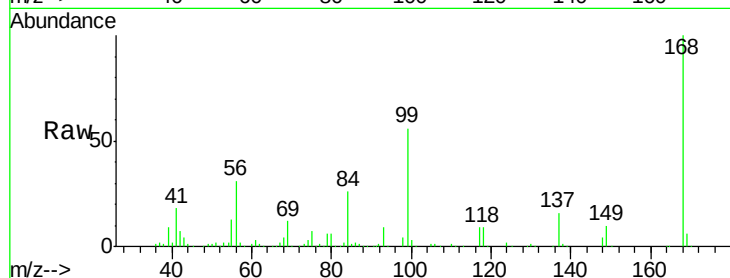
84 81.3 60.4 90.6

Manual Integrations

APPROVED

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9/10/2019 1:02:59 PM



#32

1,1,1-Trichloroethane

Concen: 20.287 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

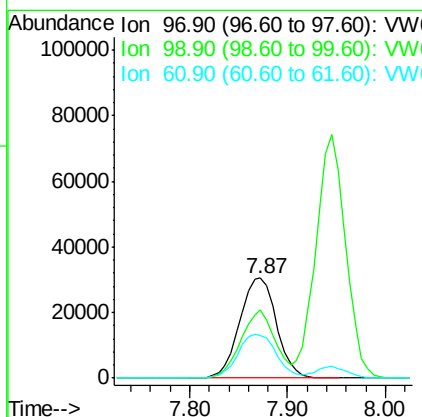
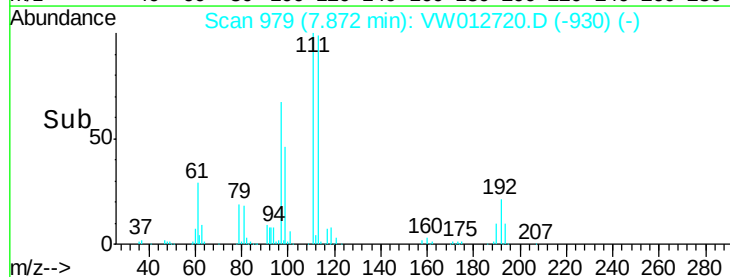
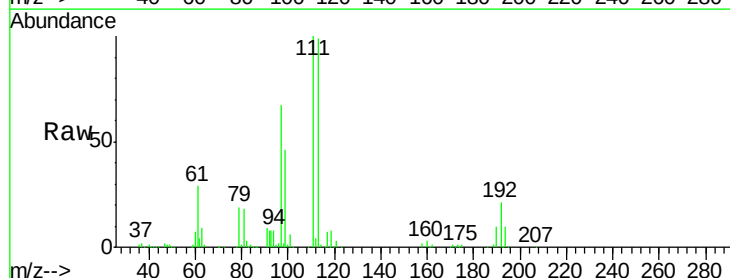
Tgt Ion: 97 Resp: 79481

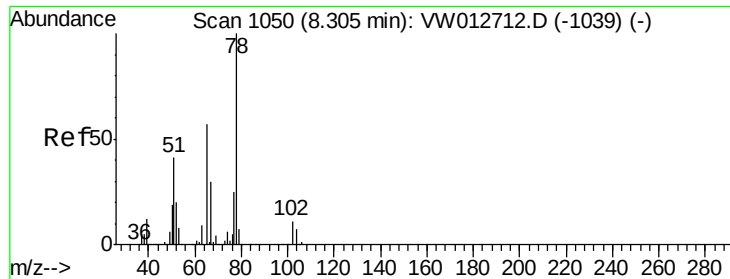
Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

61 45.4 37.9 56.9





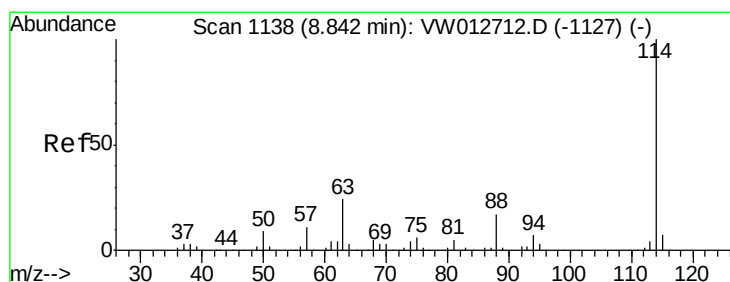
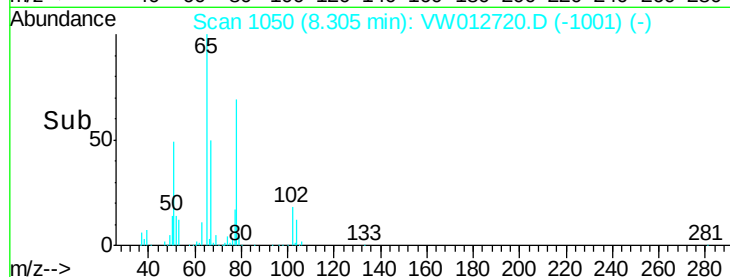
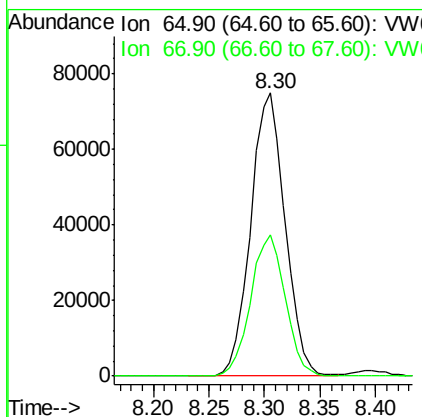
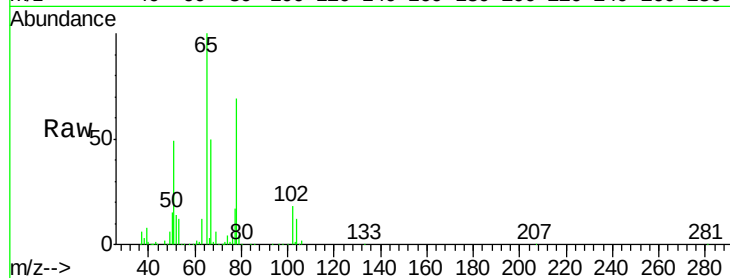
#33
 1,2-Dichloroethane-d4
 Concen: 54.008 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.4	0.0	101.8	

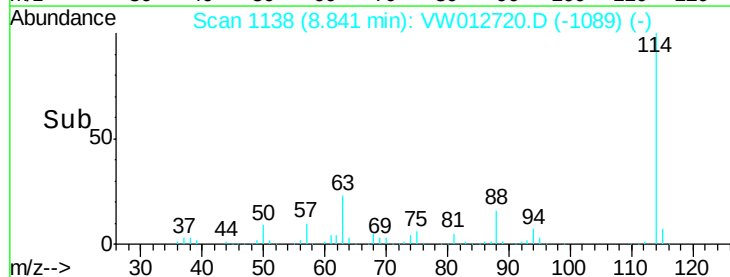
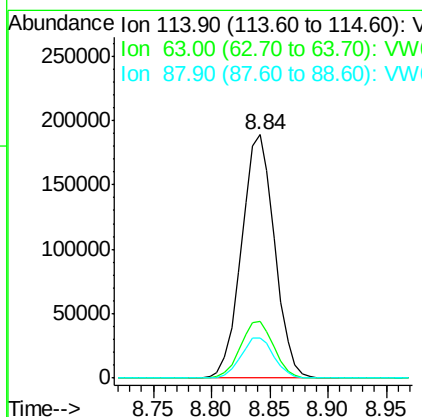
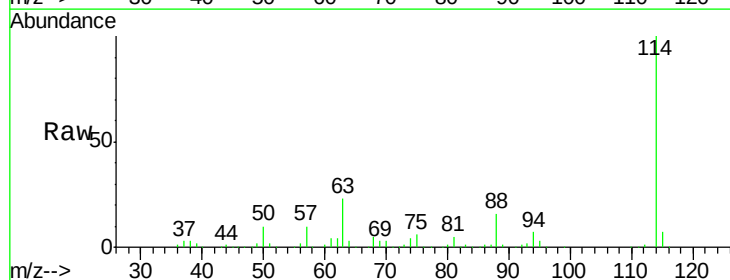
Manual Integrations
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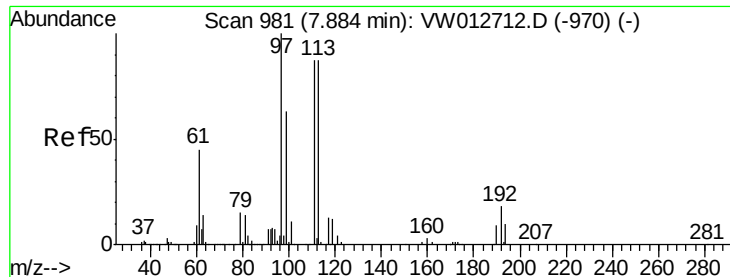
MMDadoda
 9/10/2019 1:02:59 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.2	0.0	47.2	
88	16.4	0.0	34.0	





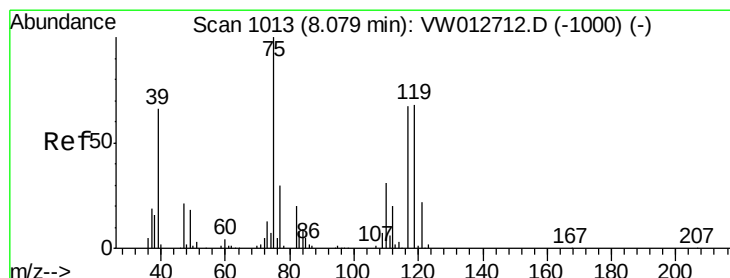
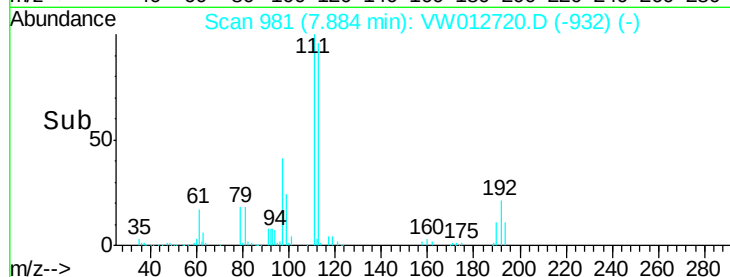
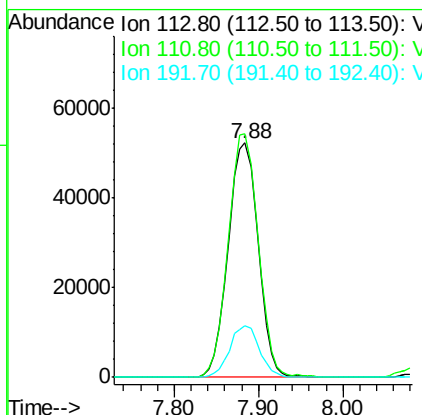
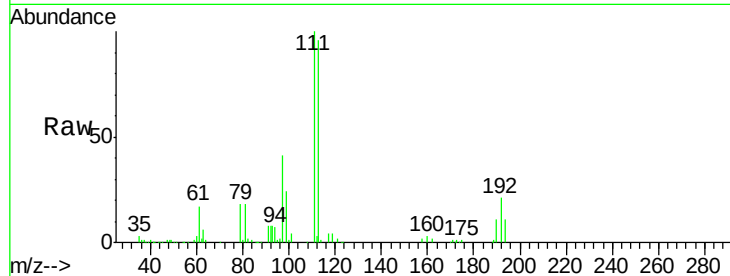
#35
 Dibromofluoromethane
 Concen: 56.903 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126341		
111	103.5	80.2	120.4	
192	21.7	17.3	25.9	

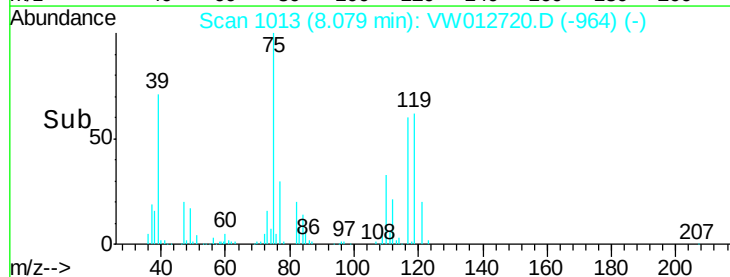
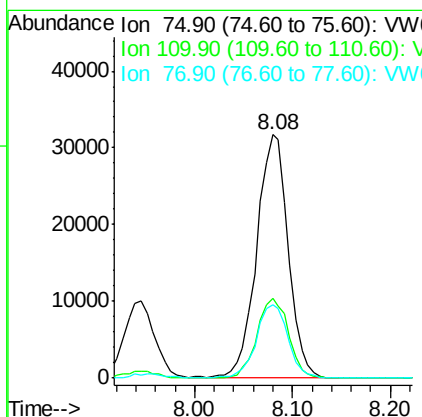
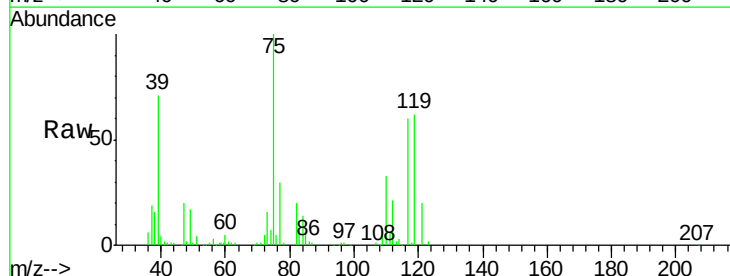
Manual Integrations
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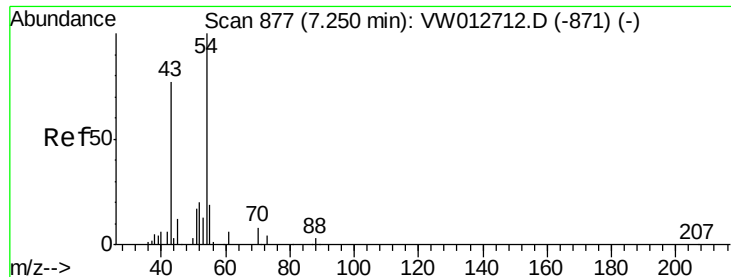
MMDadoda
 9/10/2019 1:02:59 PM



#36
 1,1-Dichloropropene
 Concen: 21.564 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71553		
110	32.8	15.9	47.7	
77	30.7	25.0	37.4	





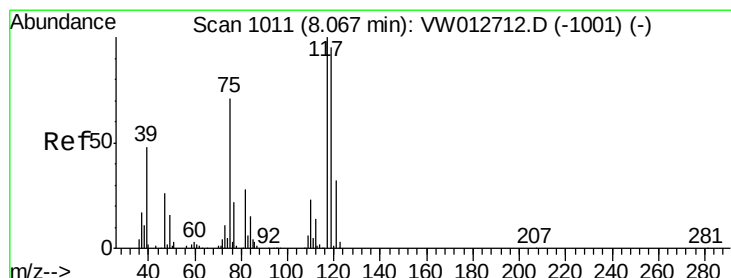
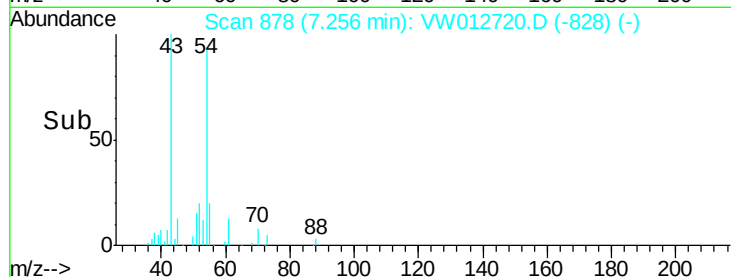
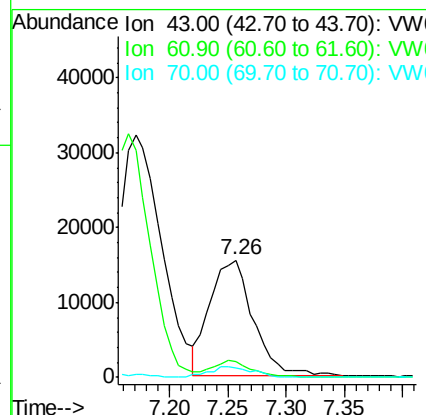
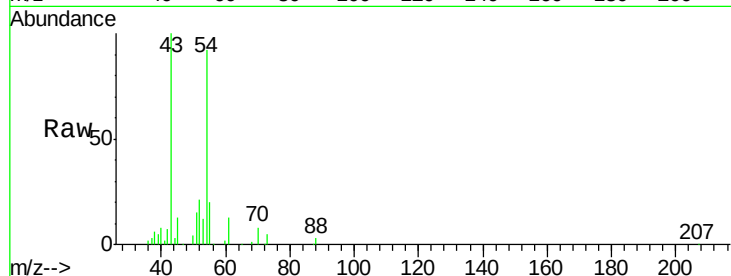
#37
Ethyl Acetate
Concen: 19.051 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.5	14.3
70	9.4	7.0	10.6

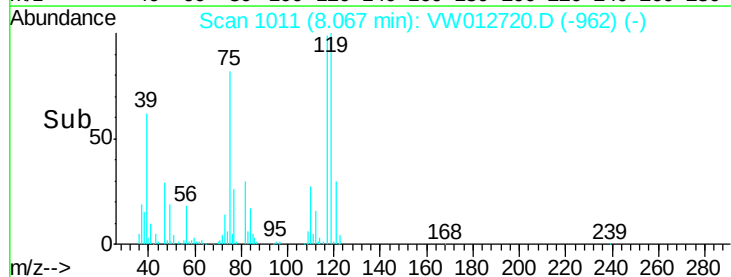
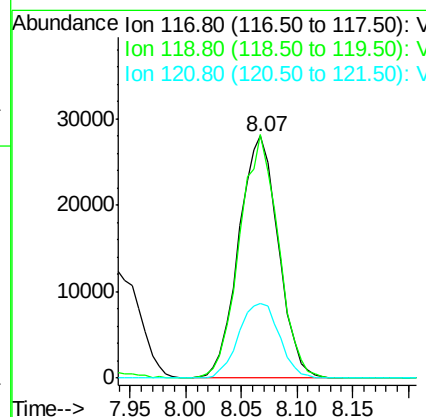
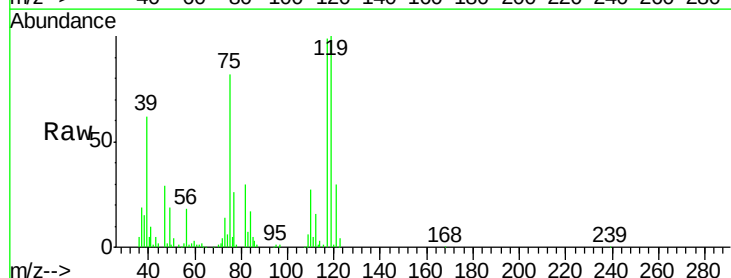
Manual Integrations
APPROVED

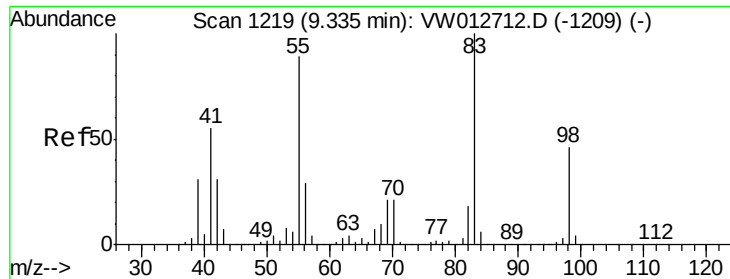
MMDadoda
9/10/2019 1:02:59 PM



#38
Carbon Tetrachloride
Concen: 21.109 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.5	76.2	114.2
121	30.6	25.4	38.2





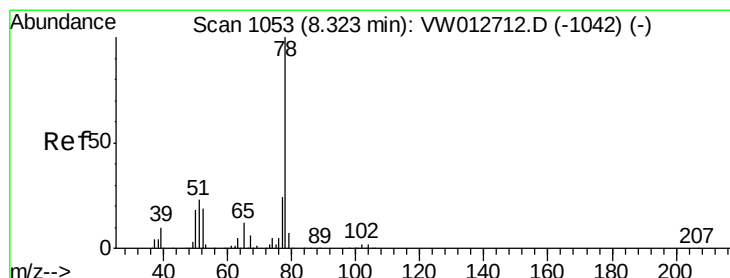
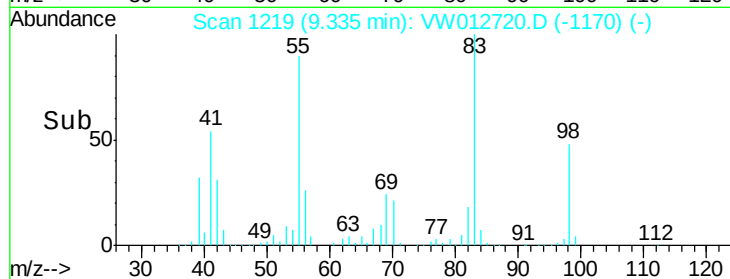
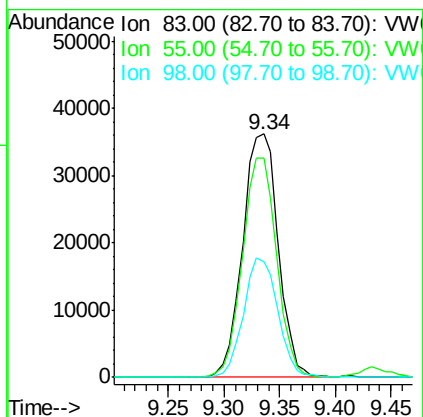
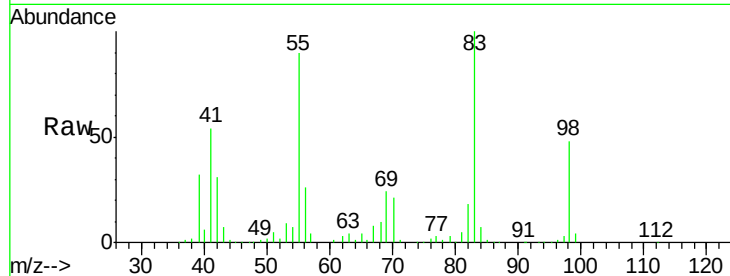
#39
Methylvlcyclohexane
Concen: 21.626 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	83	Resp	80596
Ion Ratio	100	Lower	Upper
83	100		
55	90.1	71.0	106.4
98	47.6	36.9	55.3

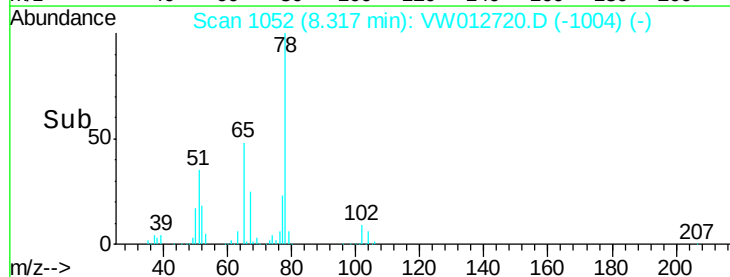
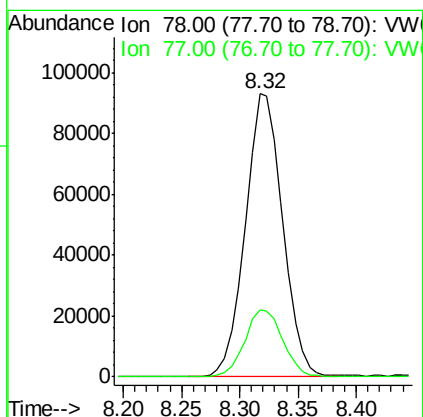
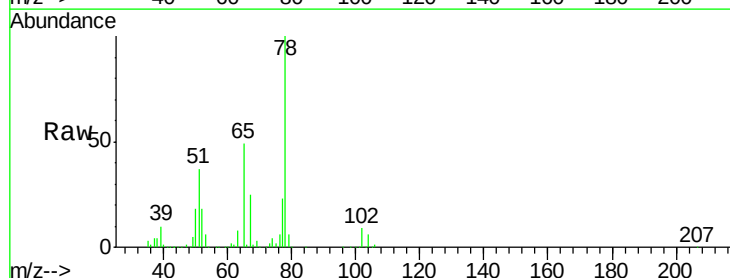
Manual Integrations
APPROVED

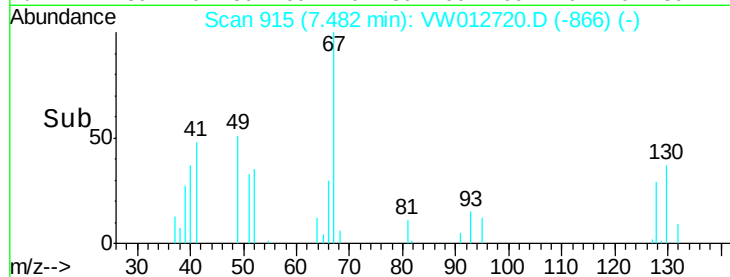
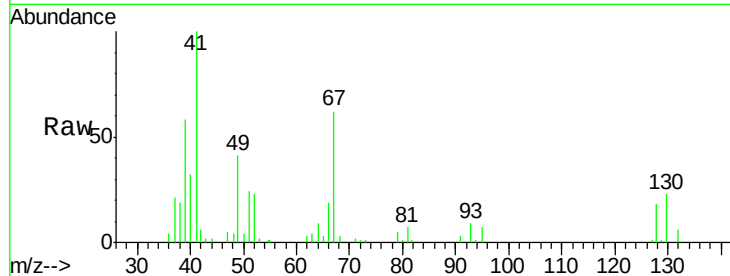
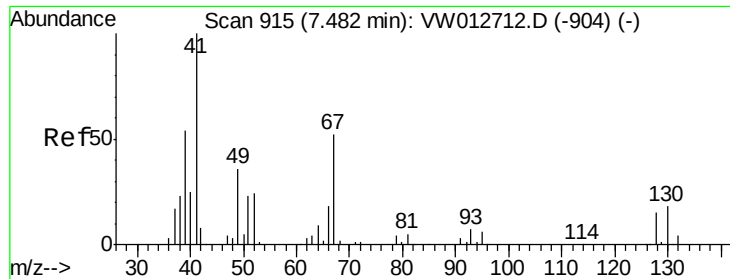
MMDadoda
9/10/2019 1:02:59 PM



#40
Benzene
Concen: 22.498 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	78	Resp	207122
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	19.3	28.9





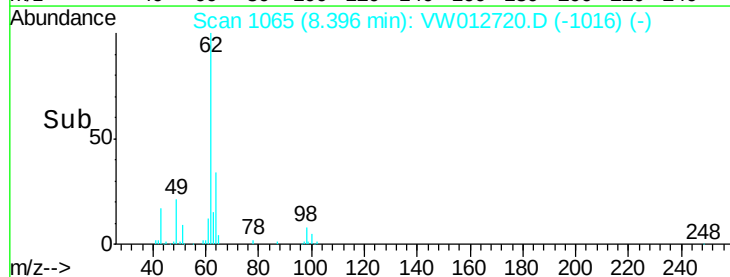
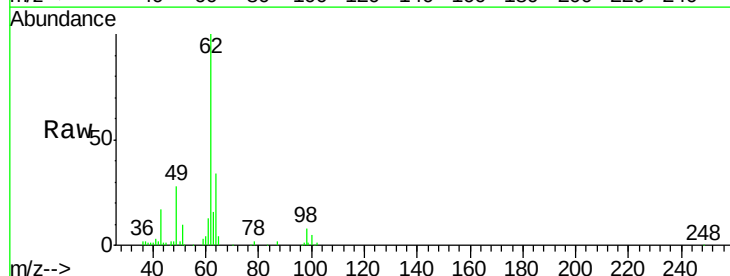
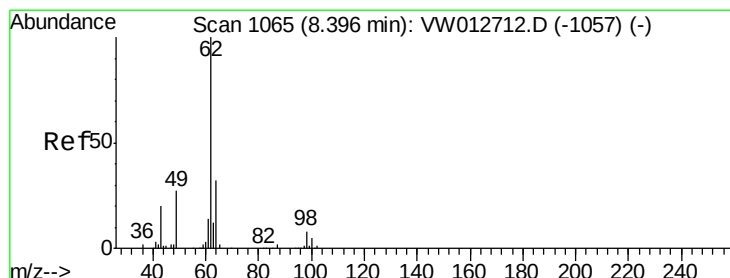
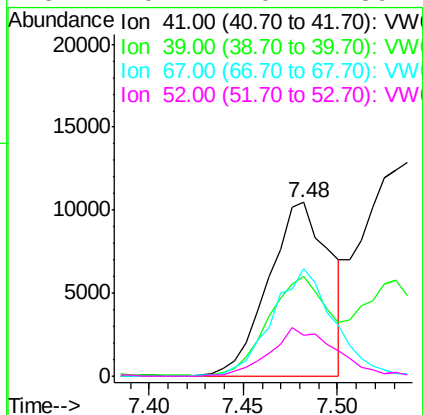
#41
Methacrylonitrile
Concen: 19.093 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	23758		
39	39	56.0		47.5	71.3
67	67	63.0		45.1	67.7
52	52	29.7		20.2	30.2

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

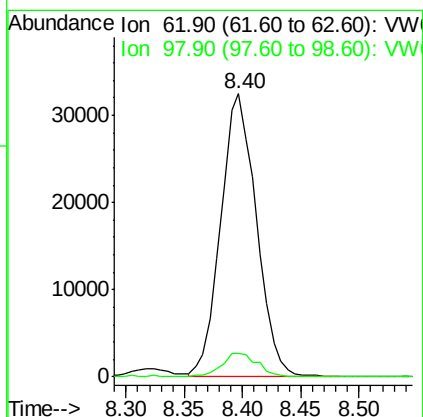
Manual Integrations
APPROVED

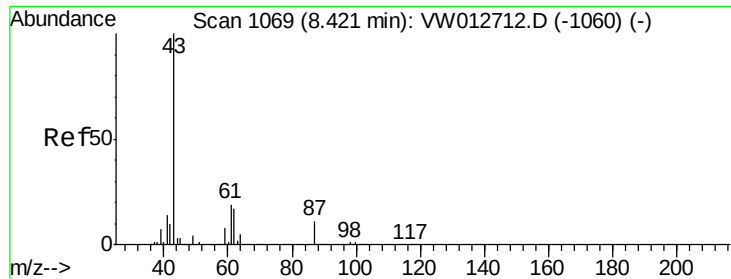
MMDadoda
9/10/2019 1:02:59 PM



#42
1,2-Dichloroethane
Concen: 21.330 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	69112		
98	98	8.5		0.0	16.2





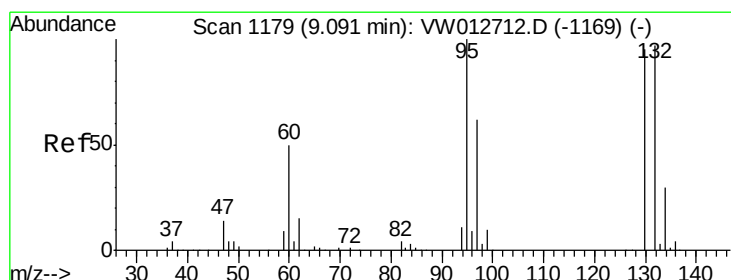
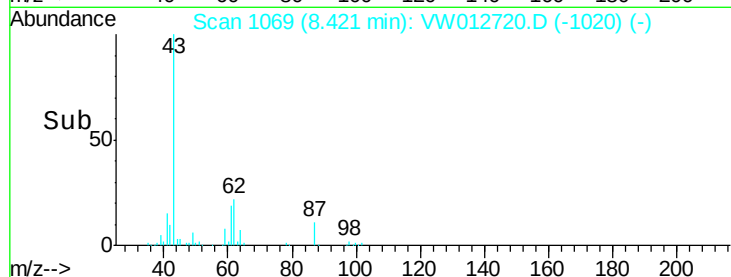
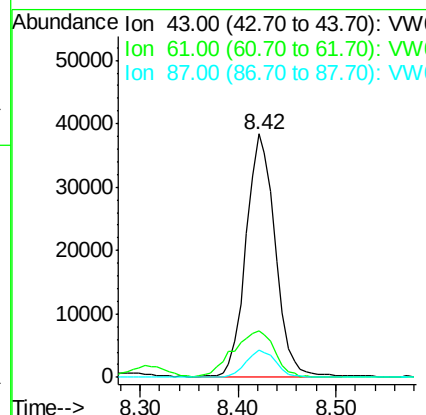
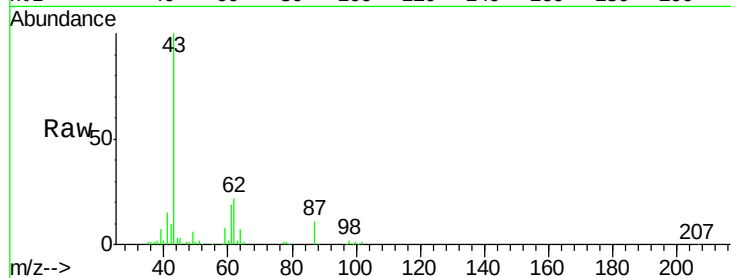
#43
Isopropyl Acetate
Concen: 19.706 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.6	20.6	30.8
87	11.4	8.6	13.0

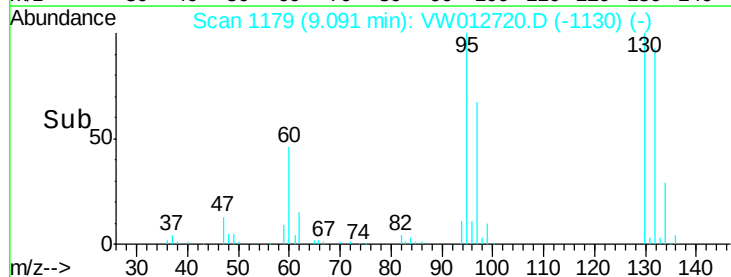
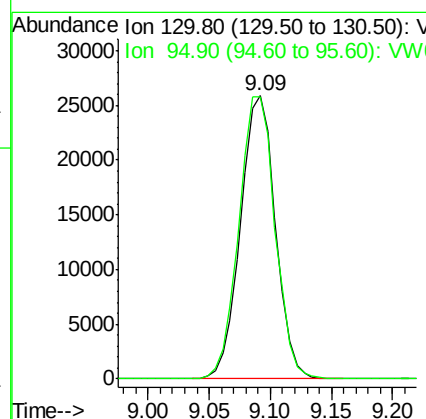
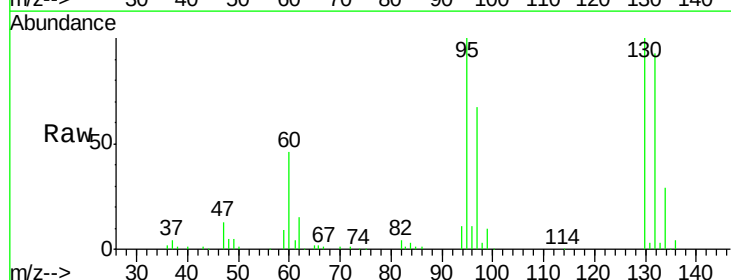
Manual Integrations
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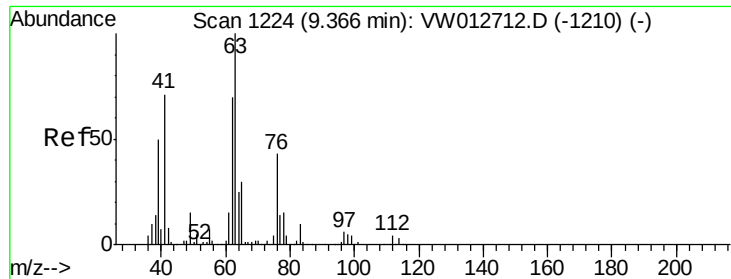
MMDadoda
9/10/2019 1:02:59 PM



#44
Trichloroethene
Concen: 21.587 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	210.6





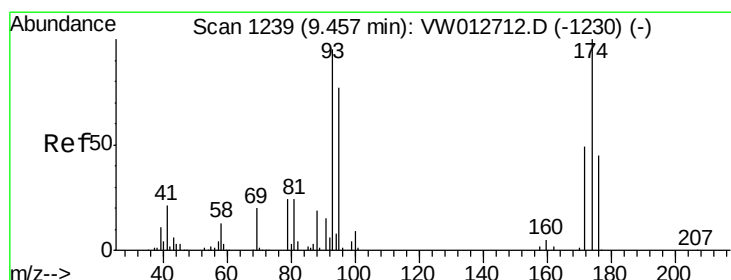
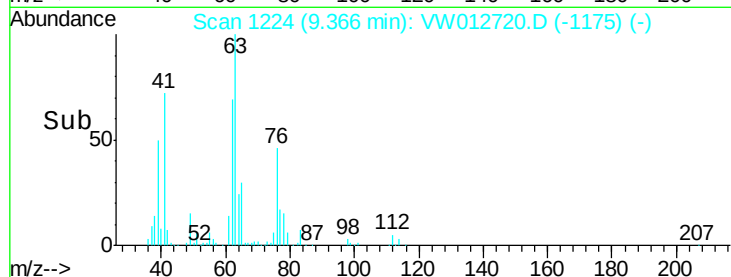
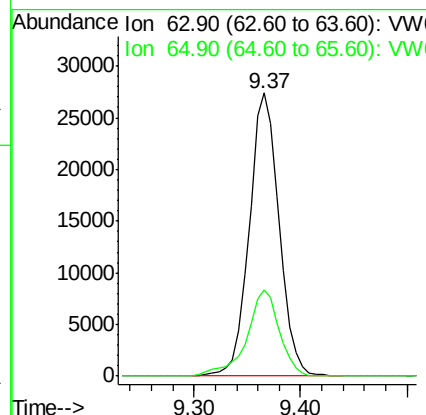
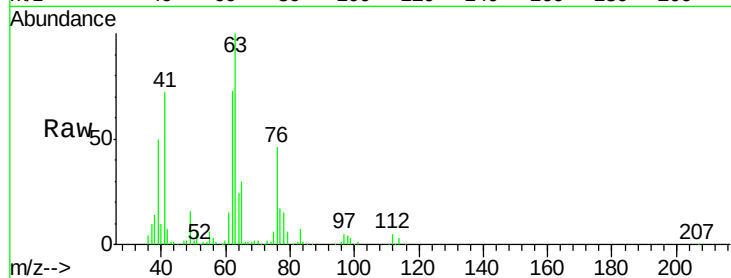
#45
 1,2-Dichloropropane
 Concen: 21.056 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	63	Resp	53766
Ion Ratio	Lower	Upper	
63	100		
65	30.3	23.8	35.8

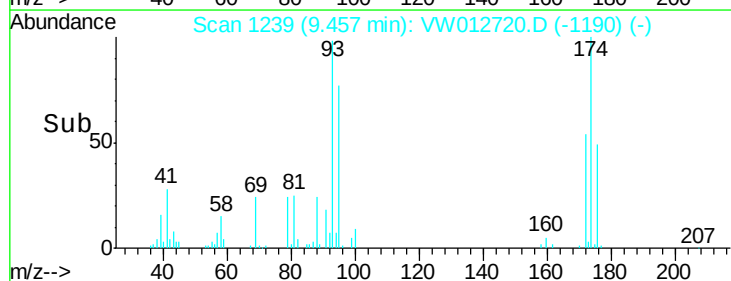
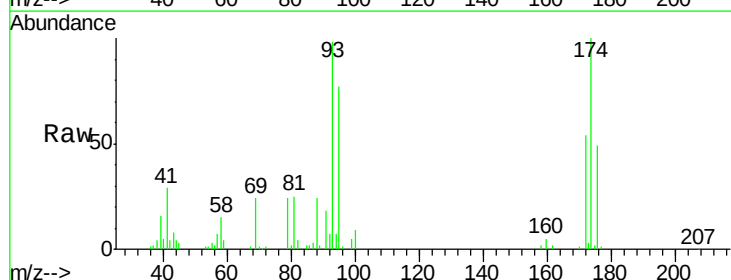
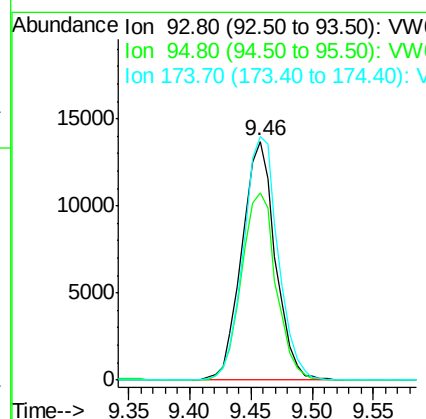
Manual Integrations
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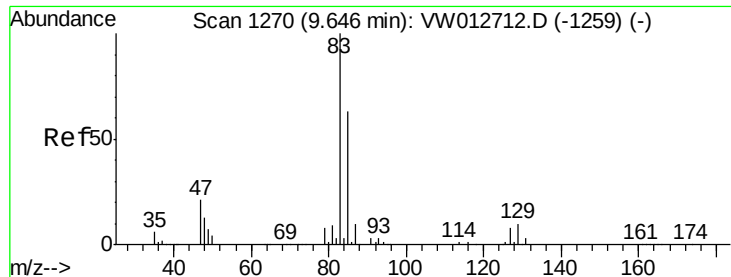
MMDadoda
 9/10/2019 1:02:59 PM



#46
 Dibromomethane
 Concen: 21.484 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	93	Resp	25977
Ion Ratio	Lower	Upper	
93	100		
95	81.0	65.2	97.8
174	105.5	84.2	126.4





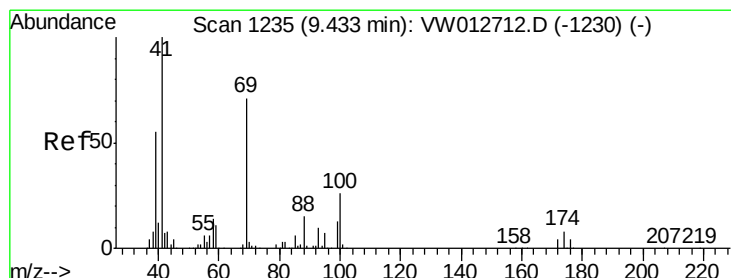
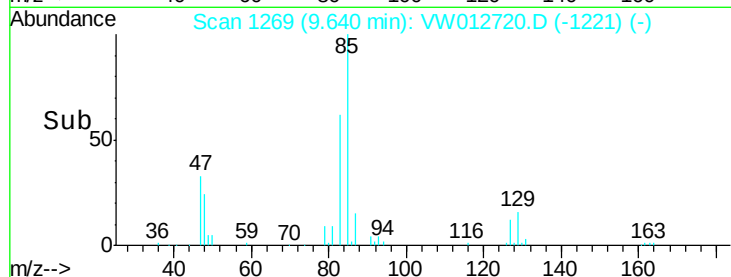
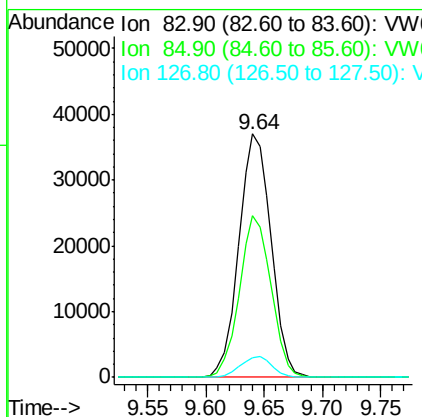
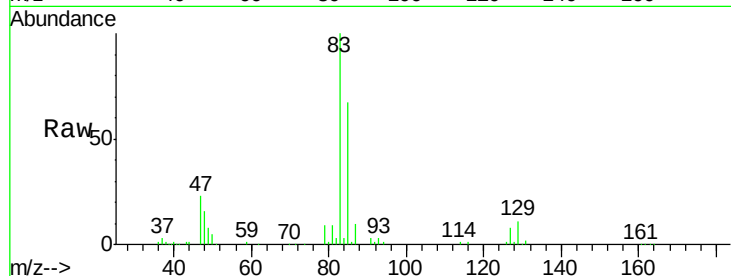
#47
 Bromodichloromethane
 Concen: 21.487 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	83	85	127
Resp	71479		
Ratio	100	66.5	8.1
Lower		50.2	6.6
Upper		75.2	9.8

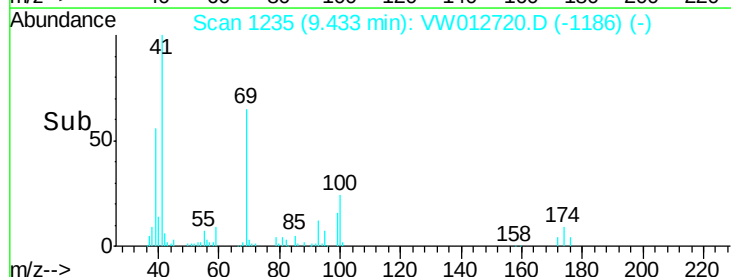
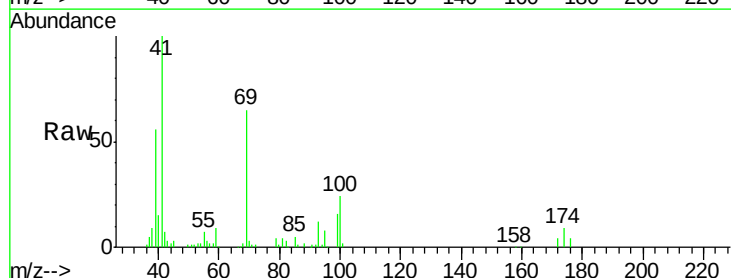
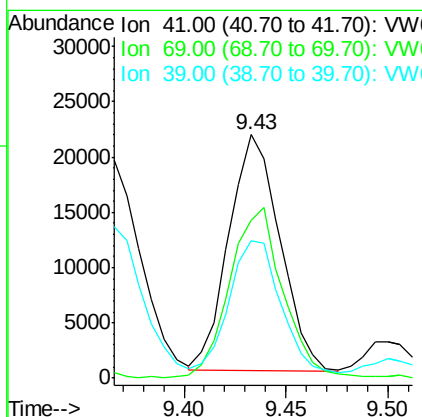
Manual Integrations
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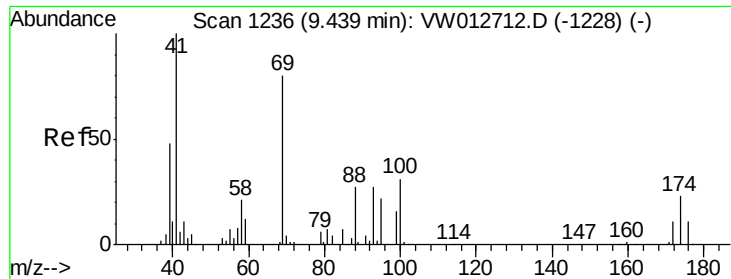
MMDadoda
 9/10/2019 1:02:59 PM



#48
 Methyl methacrylate
 Concen: 19.397 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	41	69	39
Resp	37148		
Ratio	100	75.5	60.5
Lower		59.8	47.0
Upper		89.8	70.6





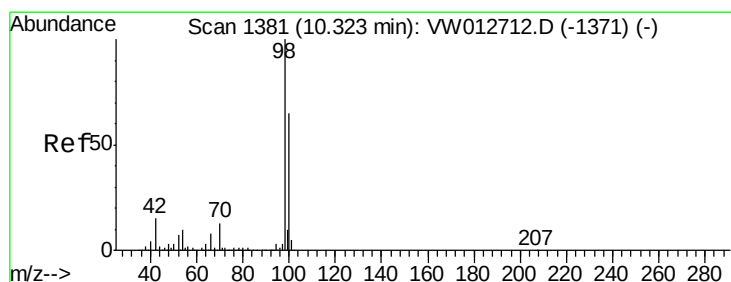
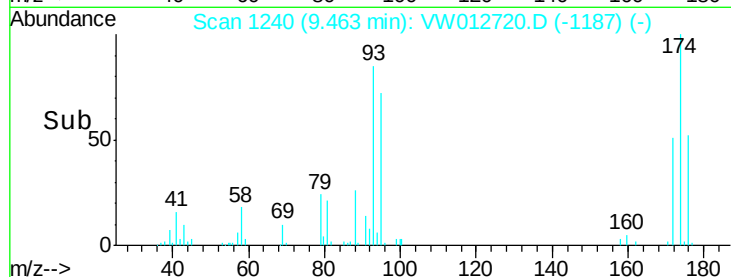
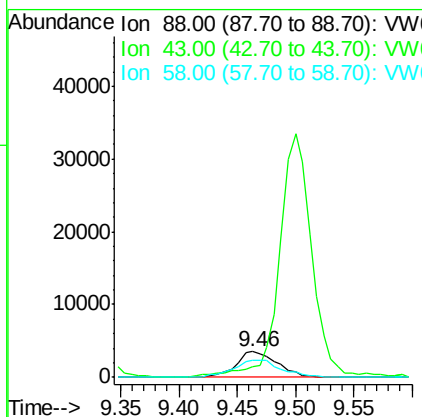
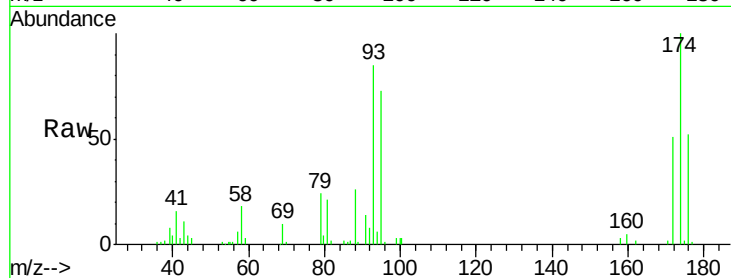
#49
1,4-Dioxane
Concen: 364.929 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	88	Resp	8716
Ion Ratio	100	Lower	Upper
43	0.0	34.8	52.2#
58	78.2	64.1	96.1

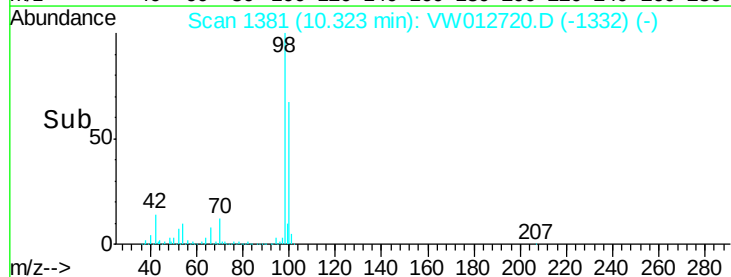
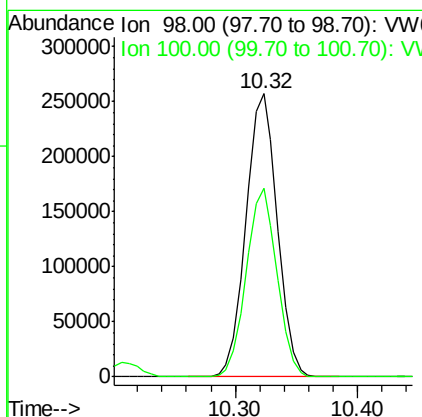
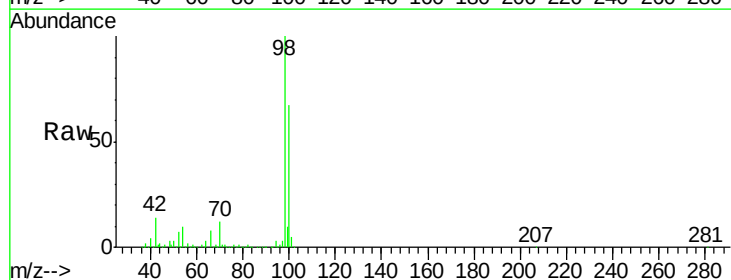
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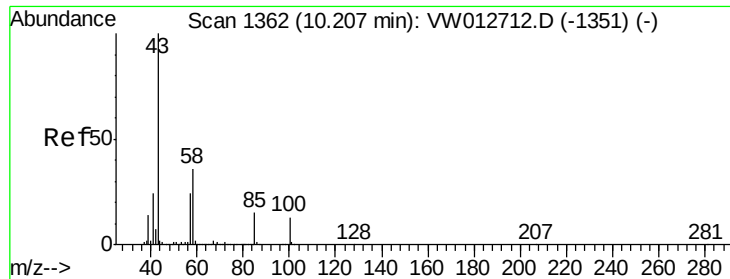
MMDadoda
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#50
Toluene-d8
Concen: 52.666 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	98	Resp	458118
Ion Ratio	100	Lower	Upper
100	65.3	52.2	78.4





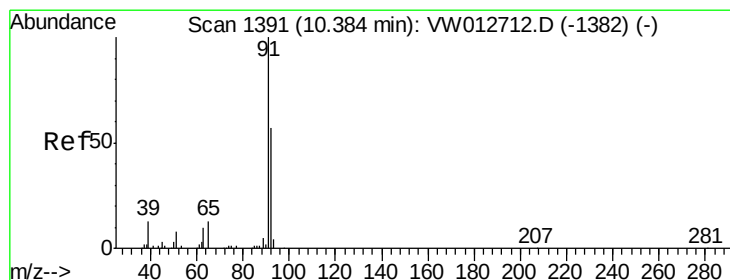
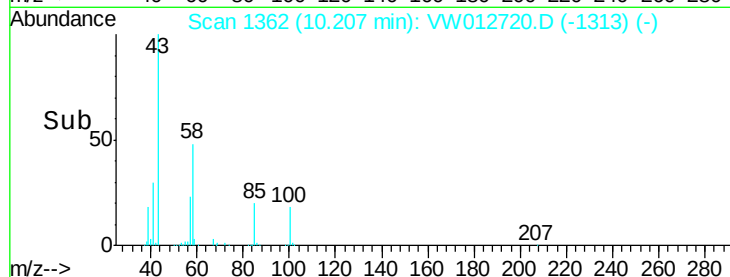
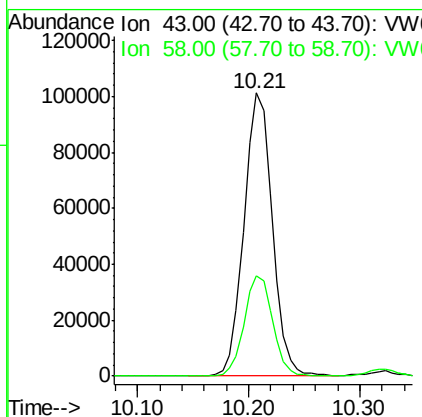
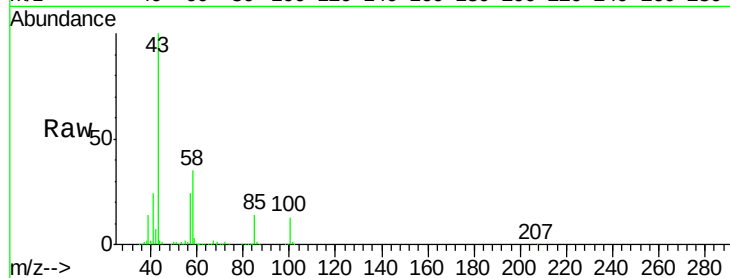
#51
 4-Methyl-2-Pentanone
 Concen: 85.382 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.4	42.6

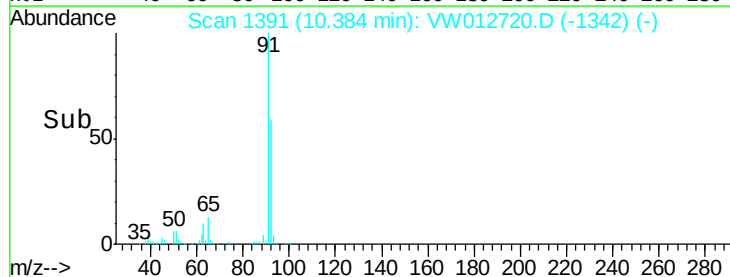
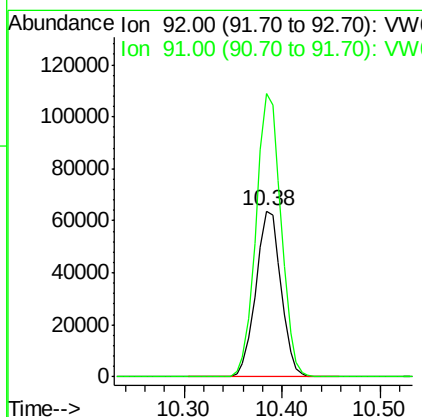
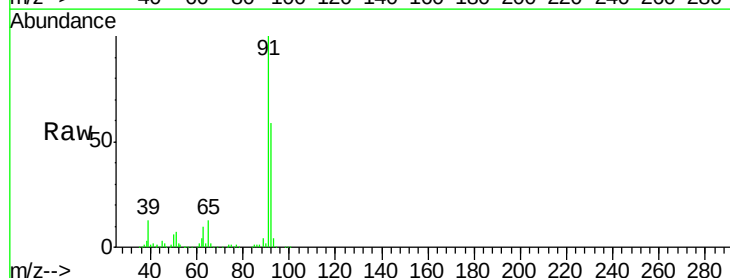
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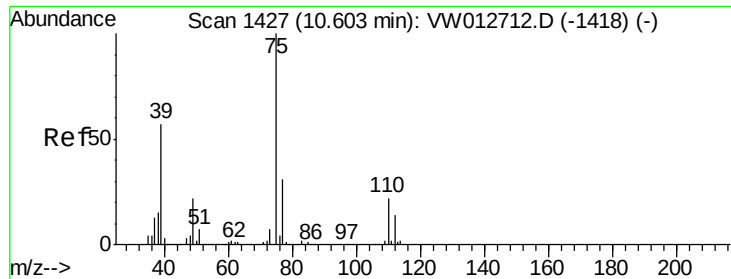
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#52
 Toluene
 Concen: 19.779 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.9	137.0	205.4





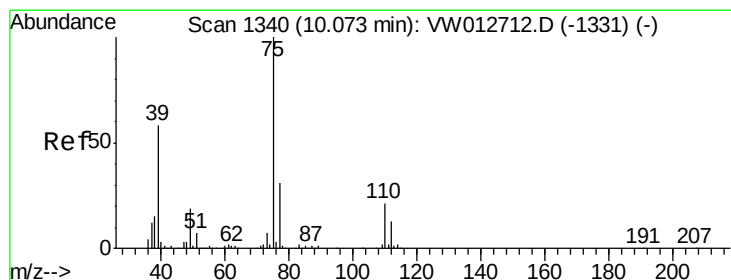
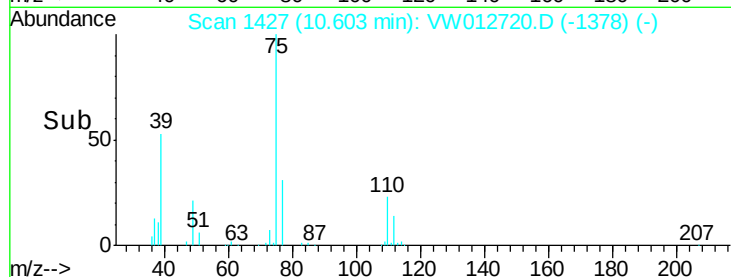
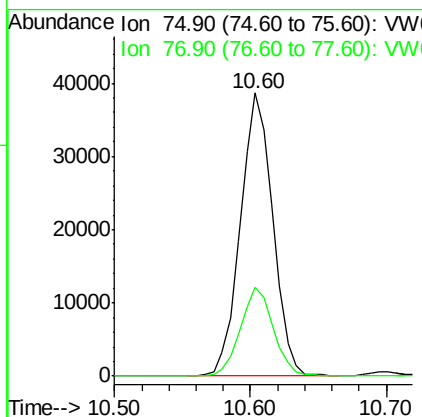
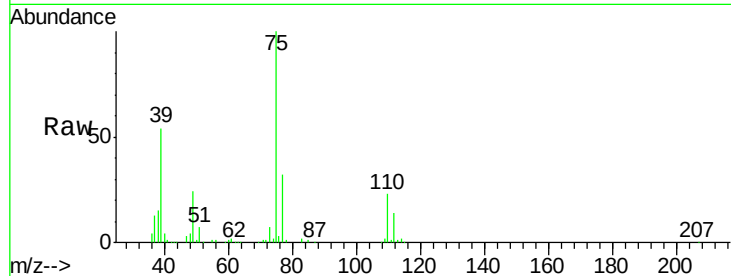
#53
 t-1,3-Dichloropropene
 Concen: 18.817 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion: 75 Resp: 64368
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.7 37.1

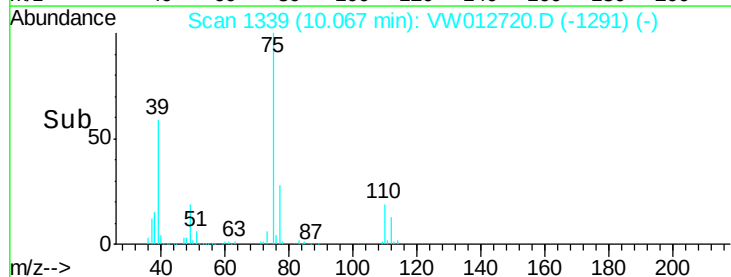
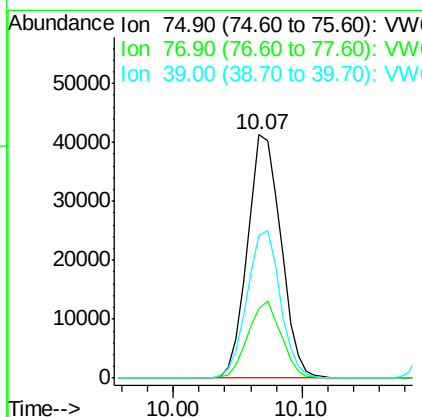
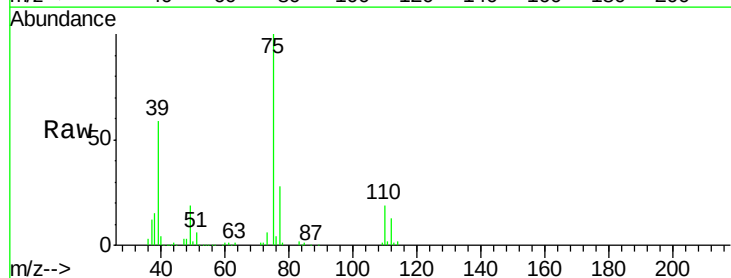
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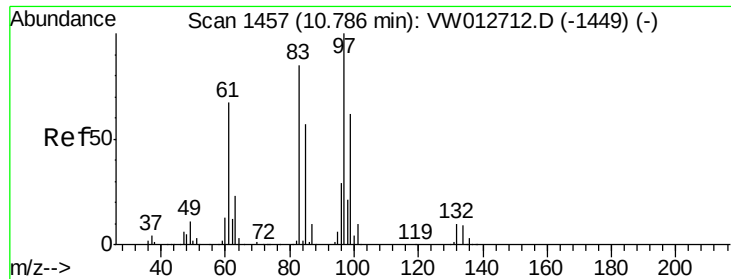
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 9/10/2019 1:02:59 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.086 ug/l
 RT: 10.07 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion: 75 Resp: 74062
 Ion Ratio Lower Upper
 75 100
 77 28.5 24.6 36.8
 39 58.8 46.3 69.5





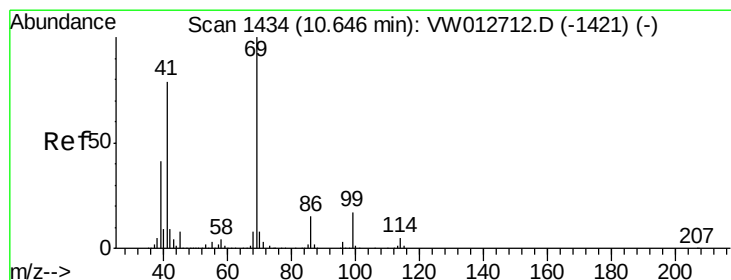
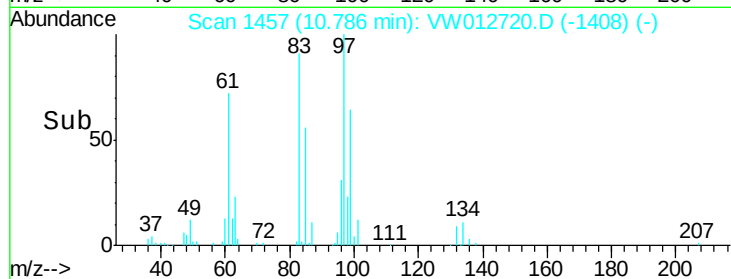
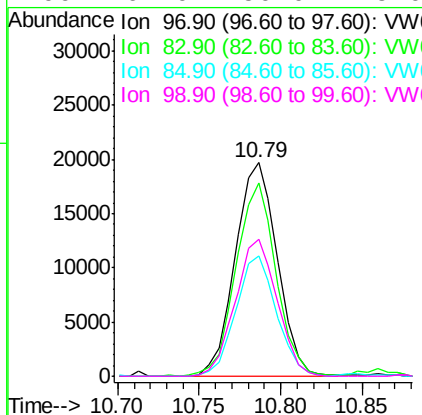
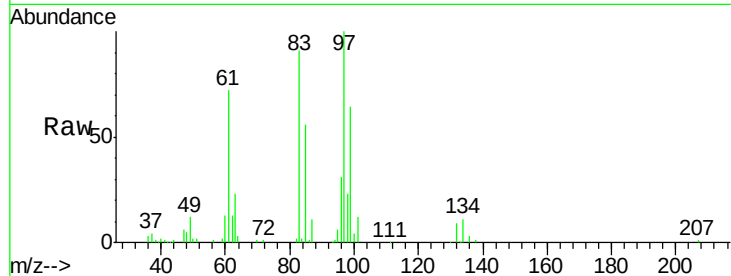
#55
 1,1,2-Trichloroethane
 Concen: 19.442 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion:	97	Resp:	35194
Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.1	102.1
85	56.3	45.3	67.9
99	64.0	50.0	75.0

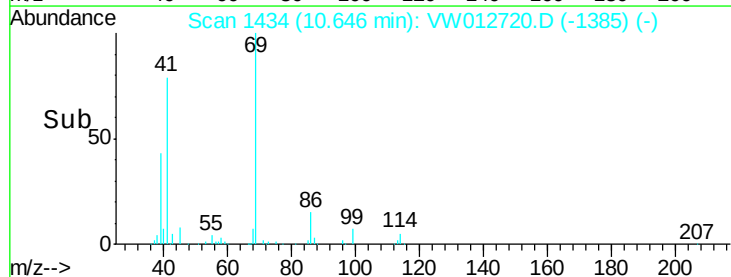
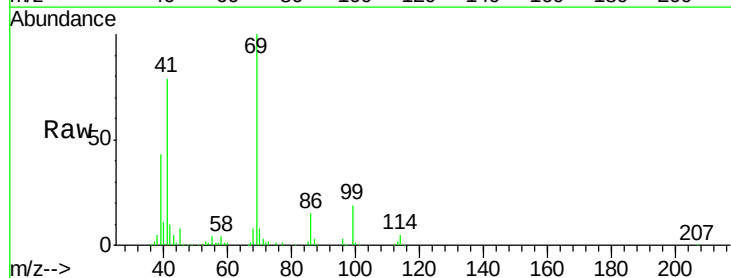
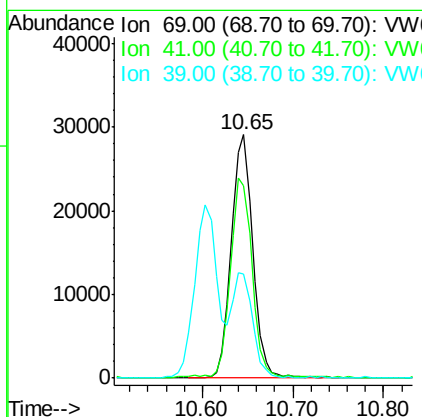
Manual Integrations
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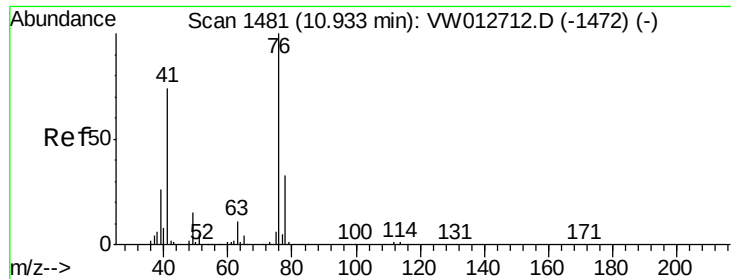
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#56
 Ethyl methacrylate
 Concen: 18.065 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion:	69	Resp:	47868
Ion	Ratio	Lower	Upper
69	100		
41	80.4	64.4	96.6
39	39.5	31.1	46.7





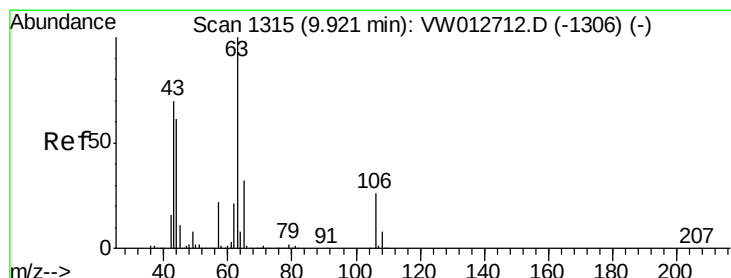
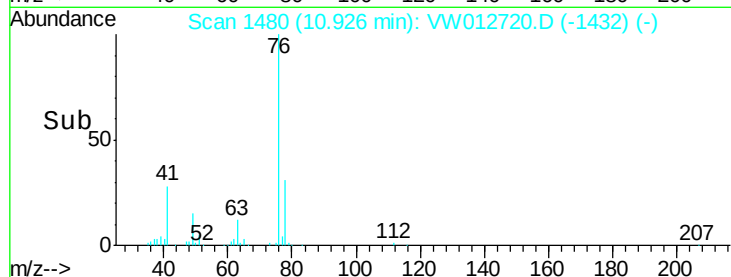
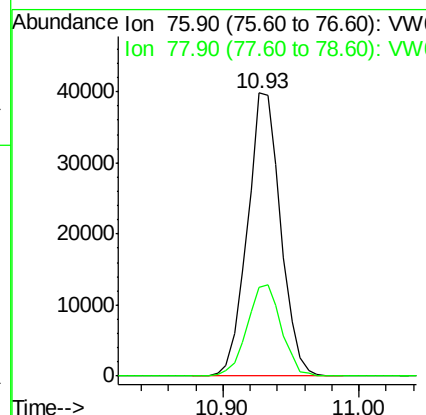
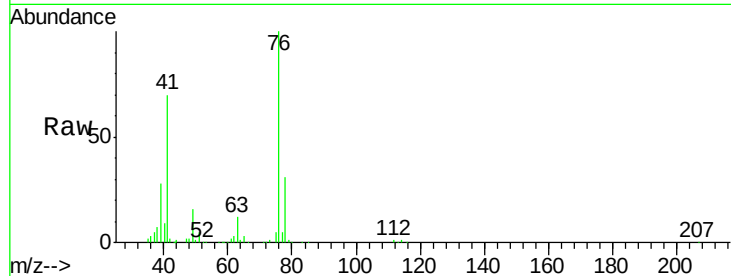
#57
 1,3-Dichloropropane
 Concen: 20.318 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion: 76 Resp: 68043
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.9 38.9

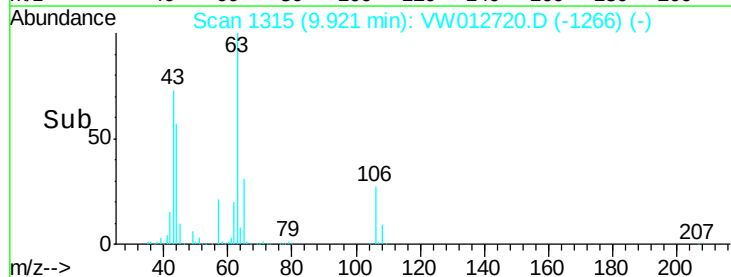
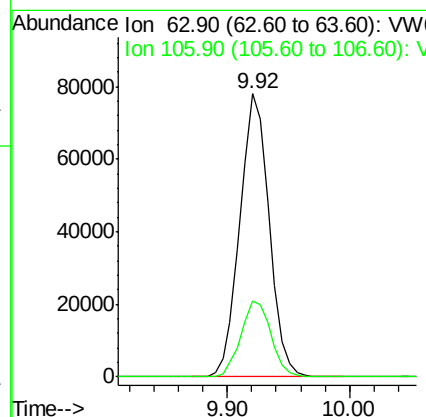
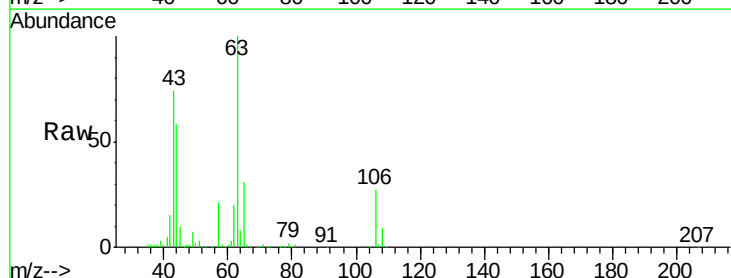
Manual Integrations
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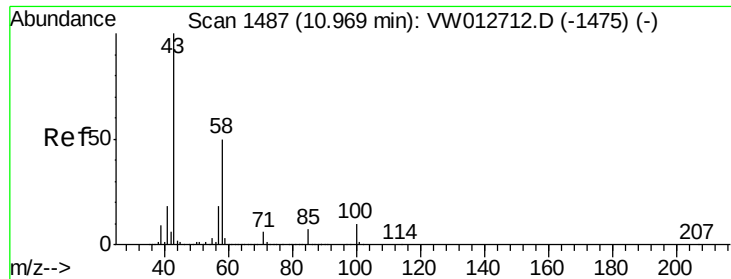
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 9/10/2019 1:02:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.046 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion: 63 Resp: 129485
 Ion Ratio Lower Upper
 63 100
 106 27.6 20.5 30.7





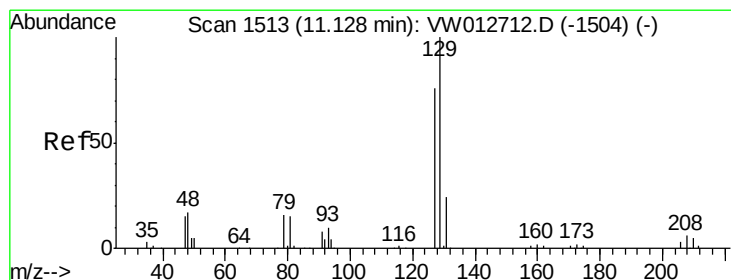
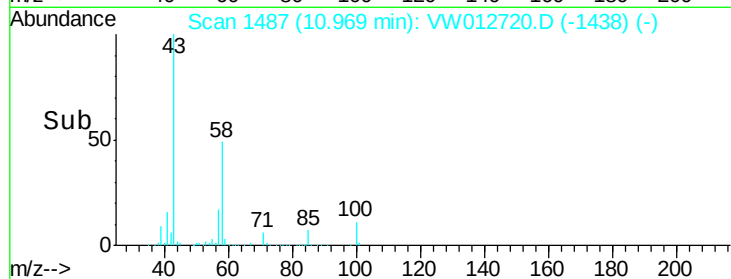
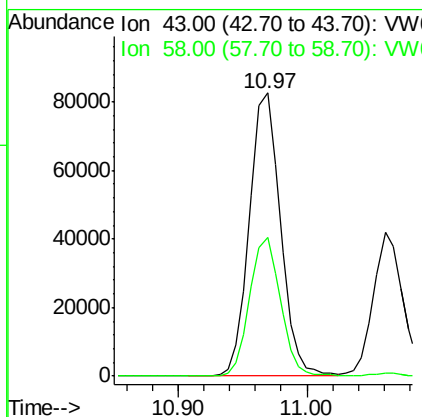
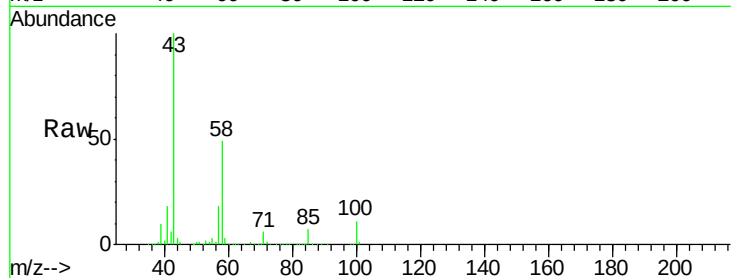
#59
2-Hexanone
Concen: 89.680 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion: 43 Resp: 137777
Ion Ratio Lower Upper
43 100
58 48.6 24.7 74.1

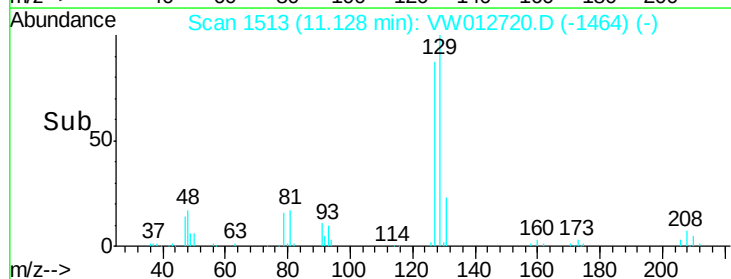
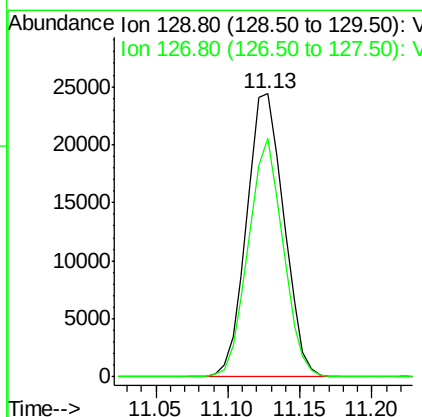
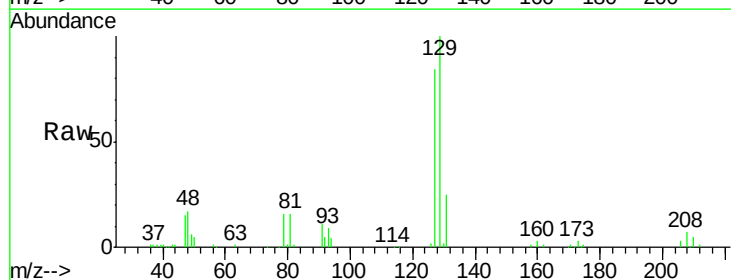
Manual Integrations
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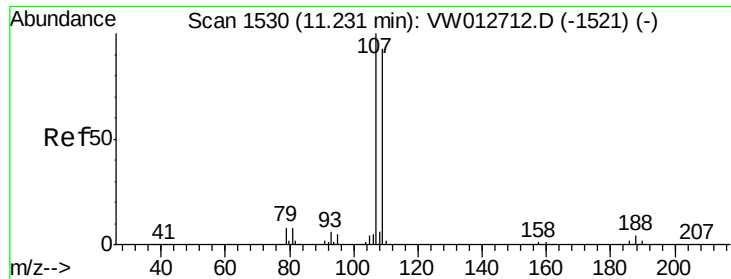
MMDadoda
9/10/2019 1:02:59 PM



#60
Dibromochloromethane
Concen: 20.500 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 129 Resp: 43645
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





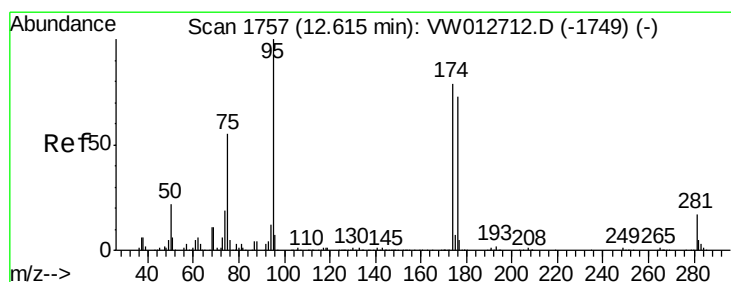
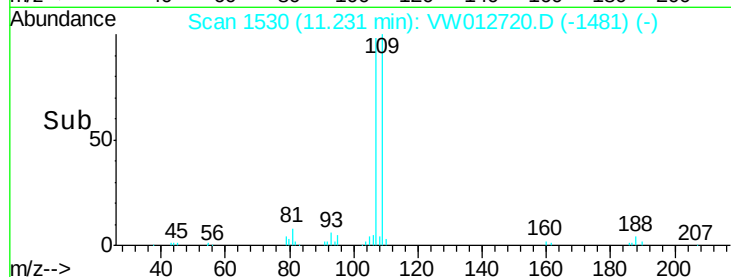
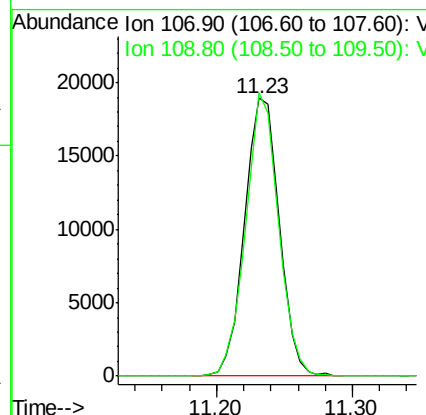
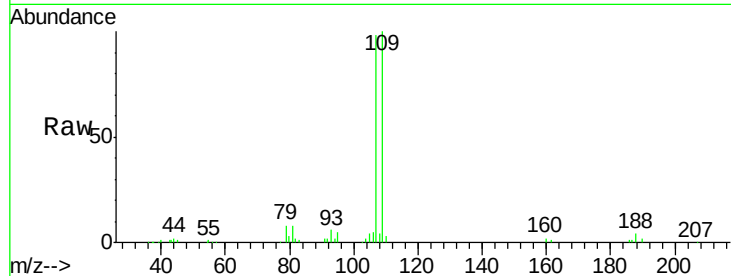
#61
 1,2-Dibromoethane
 Concen: 20.441 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	33925		
109	96.1	75.0	112.6	

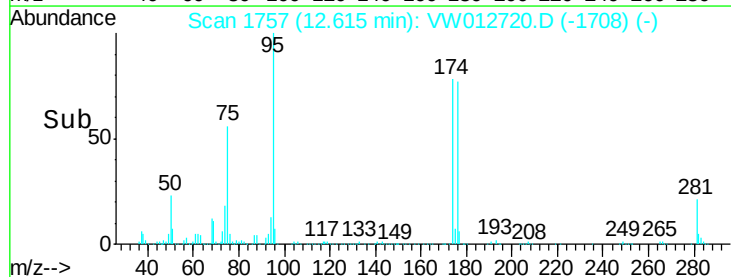
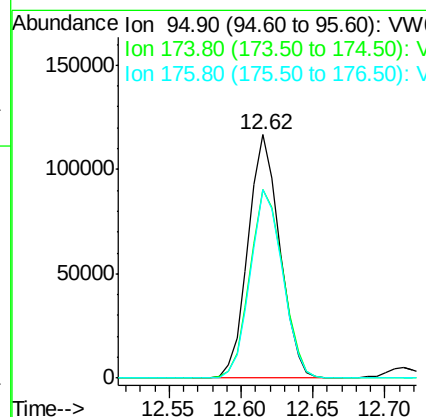
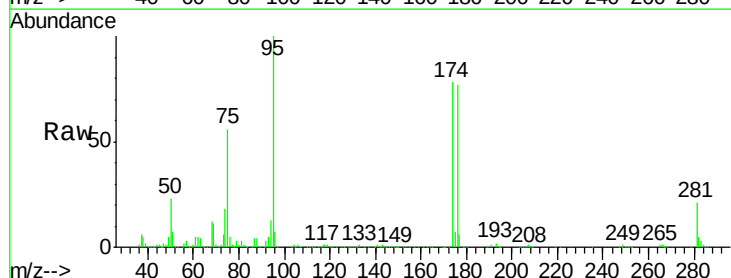
Manual Integrations
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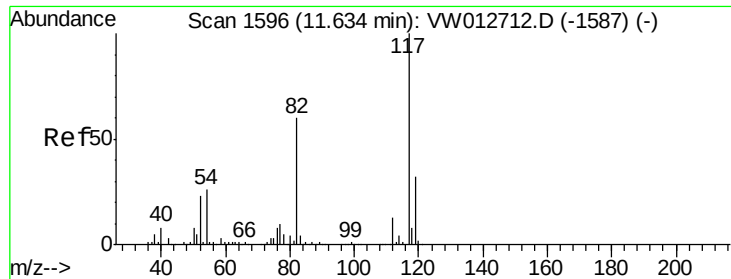
MMDadoda
 9/10/2019 1:02:59 PM



#62
 4-Bromofluorobenzene
 Concen: 56.448 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	178254		
174	80.3	0.0	161.0	
176	78.6	0.0	156.4	





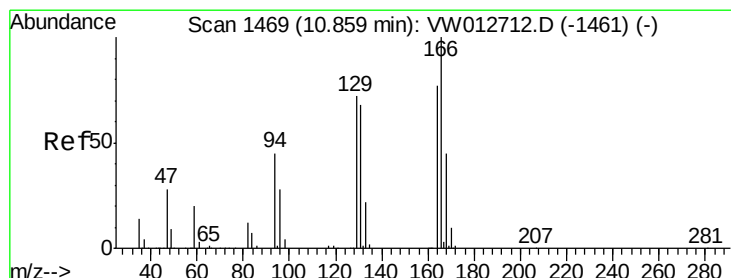
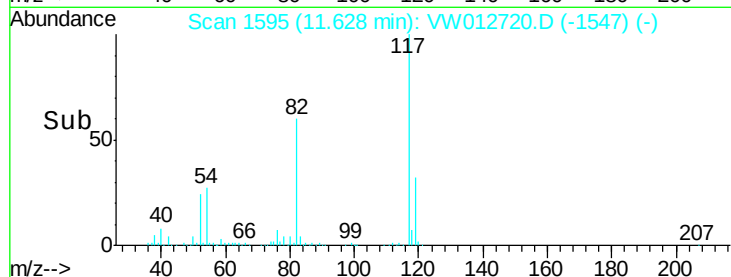
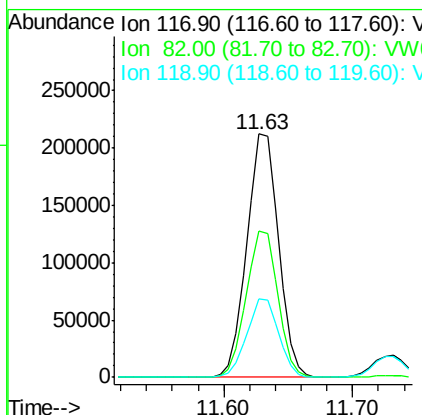
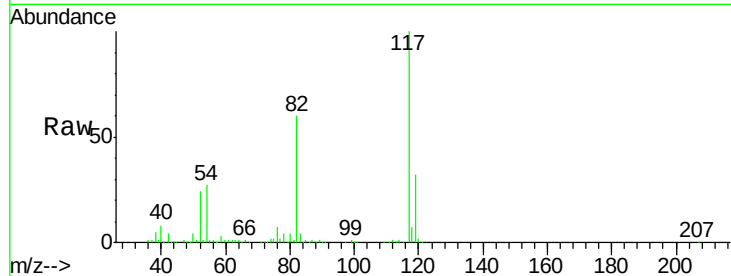
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	360808		
82	59.8		48.2	72.4
119	32.2		25.8	38.6

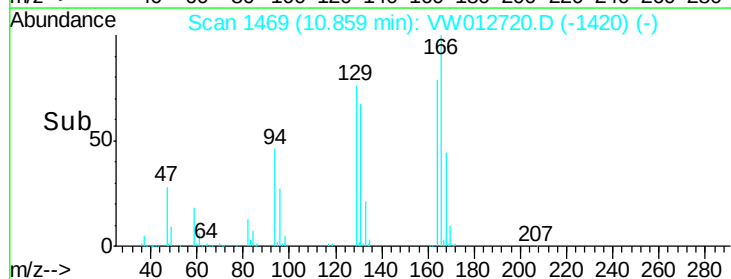
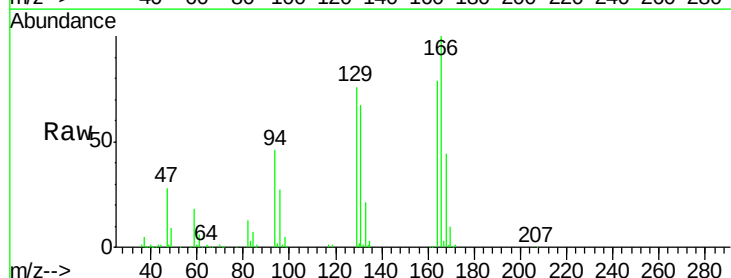
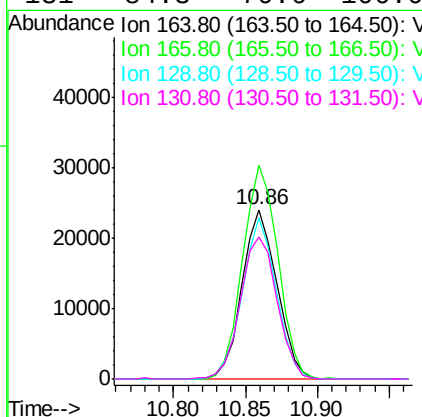
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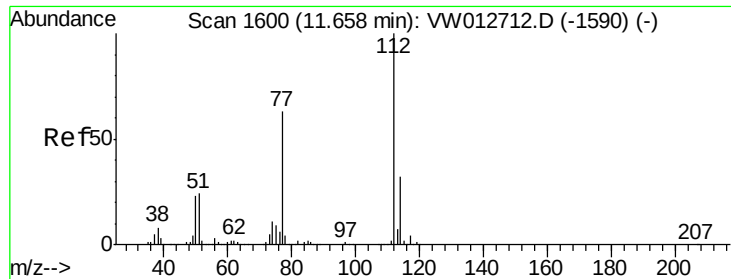
MMDadoda
9/10/2019 1:02:59 PM



#64
Tetrachloroethene
Concen: 18.361 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40198		
166	126.3		103.6	155.4
129	95.5		74.6	112.0
131	84.3		70.6	106.0





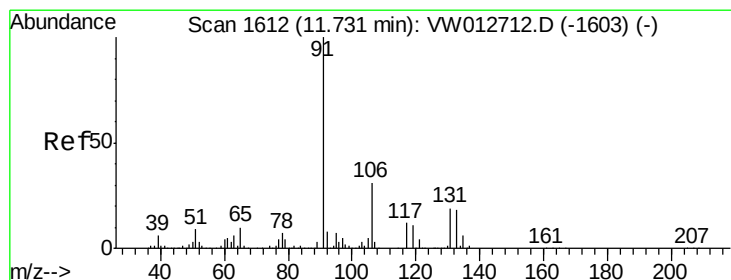
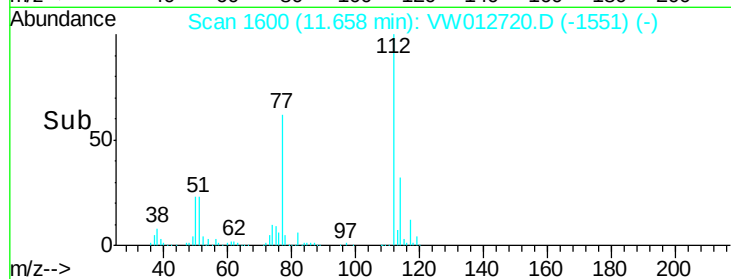
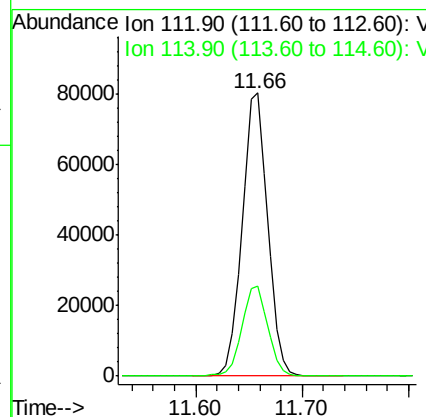
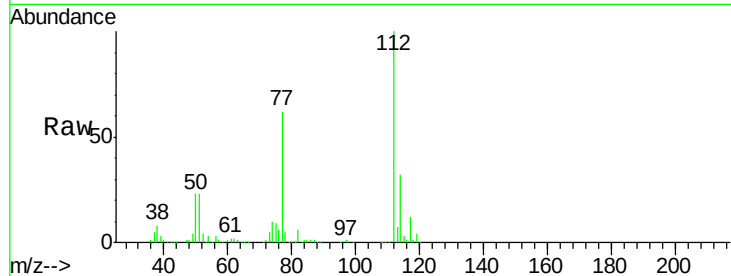
#65
Chlorobenzene
Concen: 19.811 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	135101		
114	31.8	25.3	37.9	

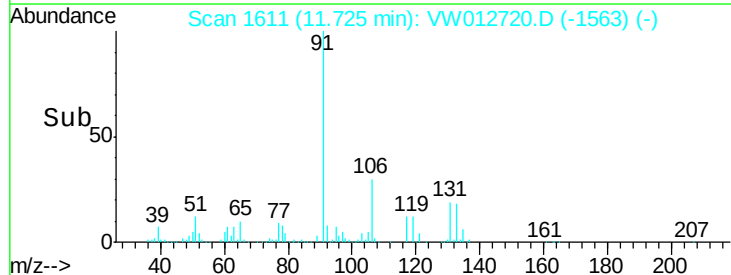
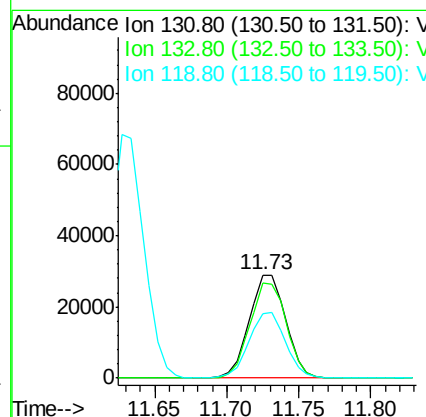
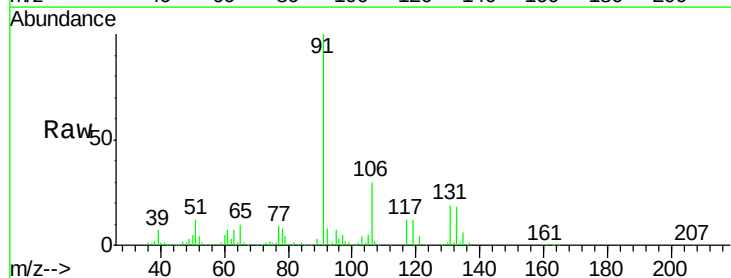
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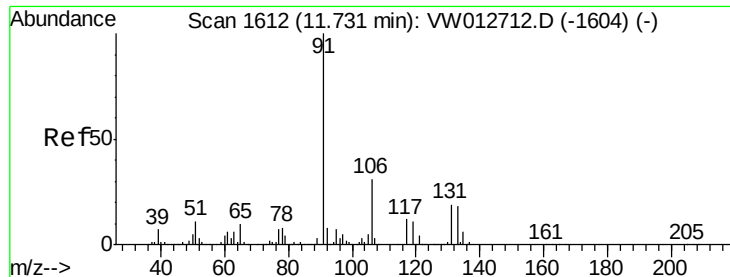
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.004 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	50802		
133	92.5	47.6	142.8	
119	62.7	30.6	92.0	





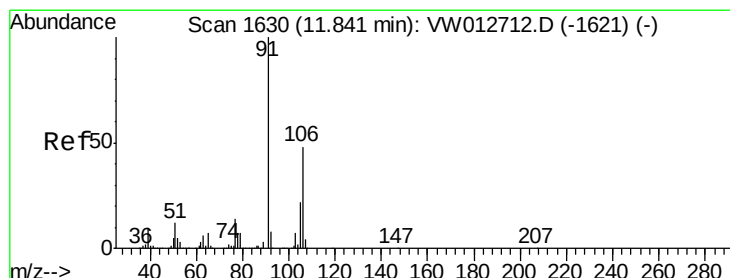
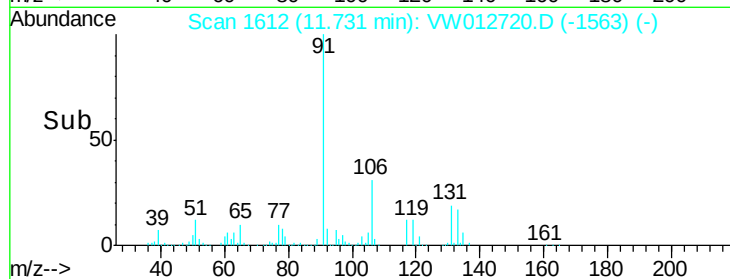
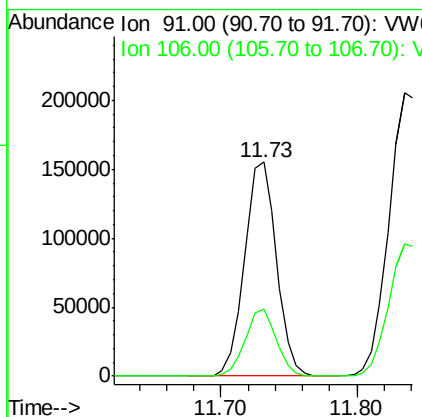
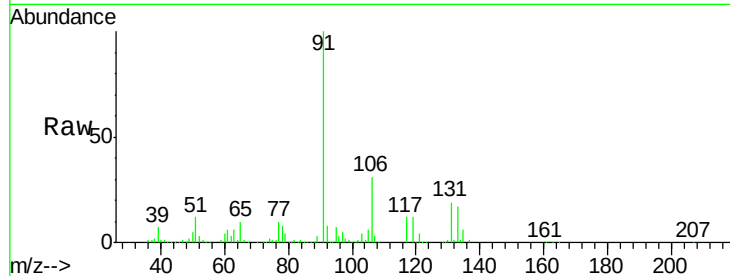
#67
Ethyl Benzene
Concen: 19.967 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion: 91 Resp: 255476
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

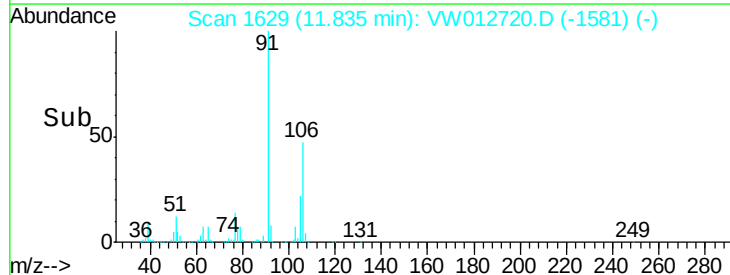
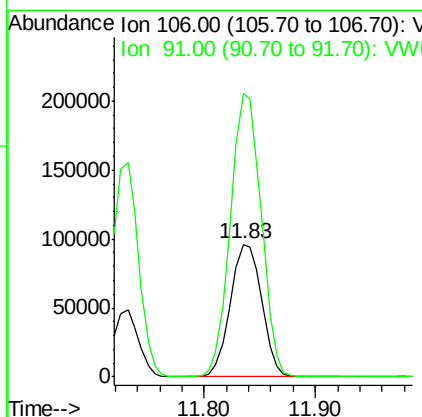
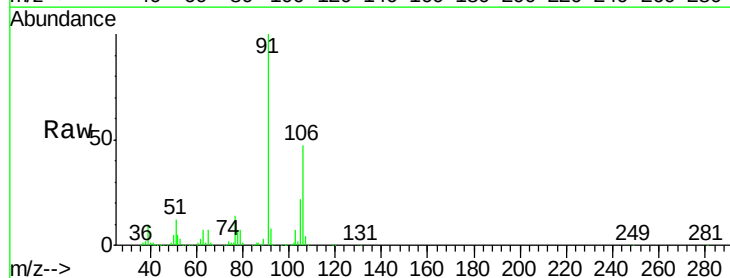
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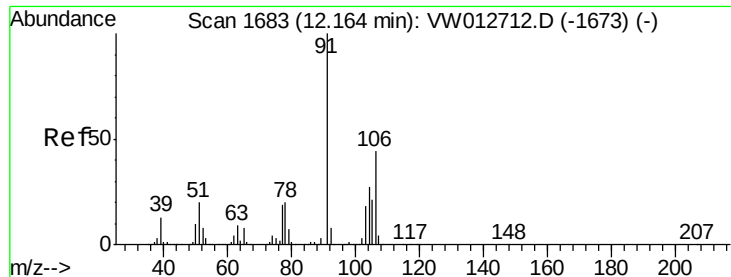
MMDadoda
9/10/2019 1:02:59 PM



#68
m/p-Xylenes
Concen: 40.584 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion: 106 Resp: 187429
Ion Ratio Lower Upper
106 100
91 209.5 168.2 252.4





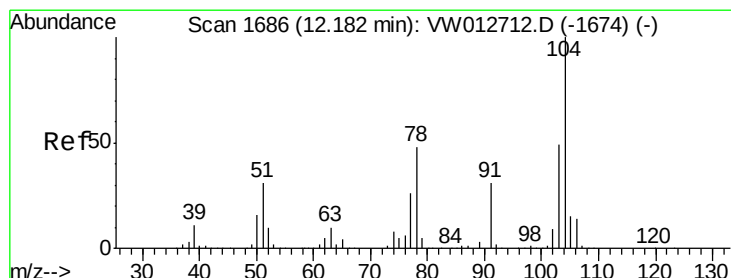
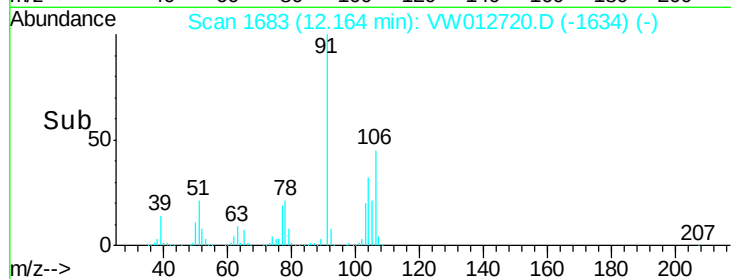
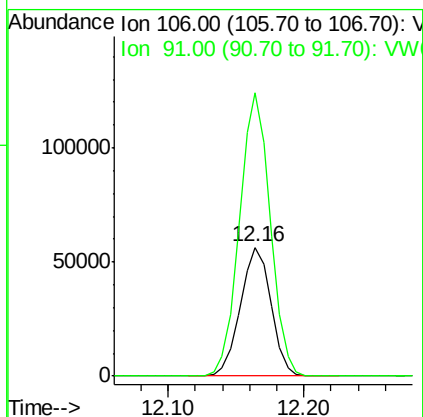
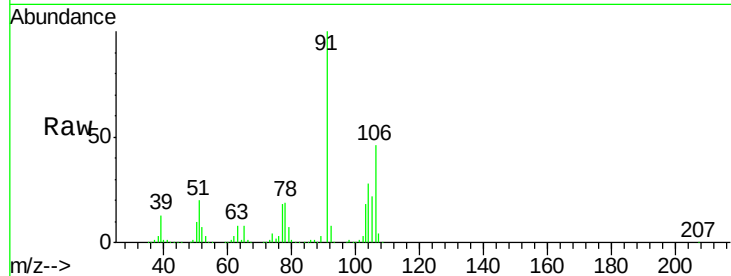
#69
o-Xylene
Concen: 20.421 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	88976		
91	91	219.9		112.3	336.8

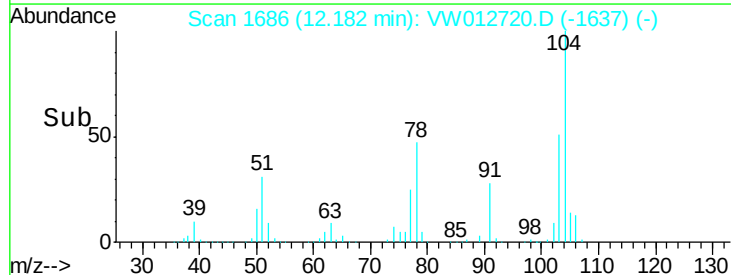
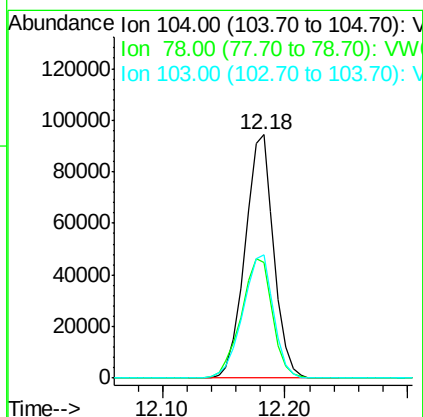
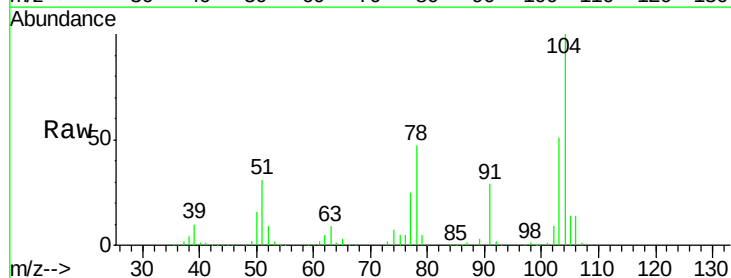
Manual Integrations
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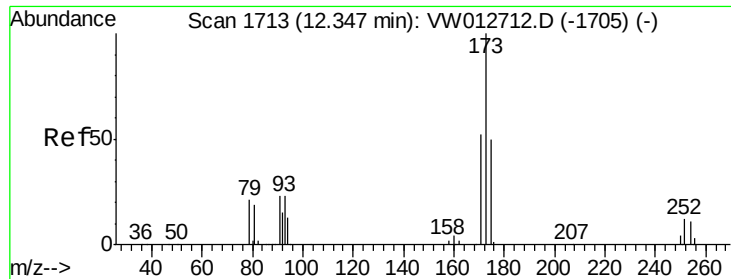
MMDadoda
9/10/2019 1:02:59 PM



#70
Styrene
Concen: 19.947 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	153577		
78	78	53.7		43.3	64.9
103	103	54.2		44.0	66.0





#71

Bromoform

Concen: 18.775 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

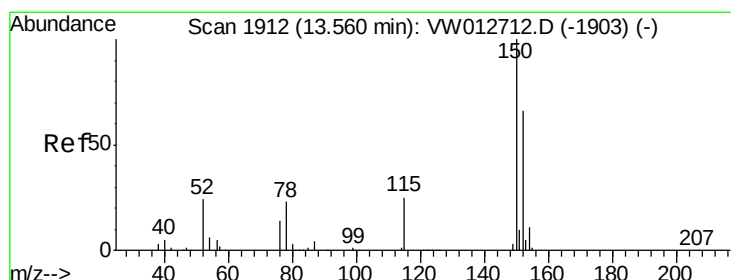
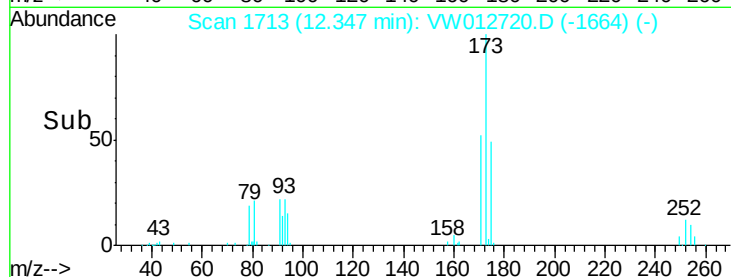
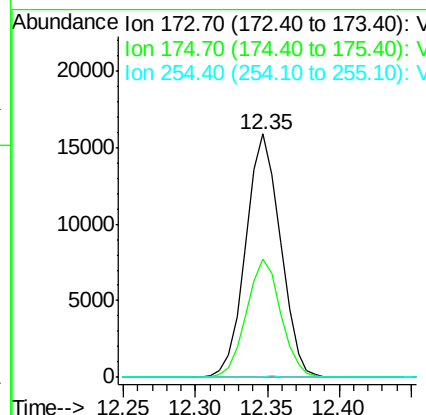
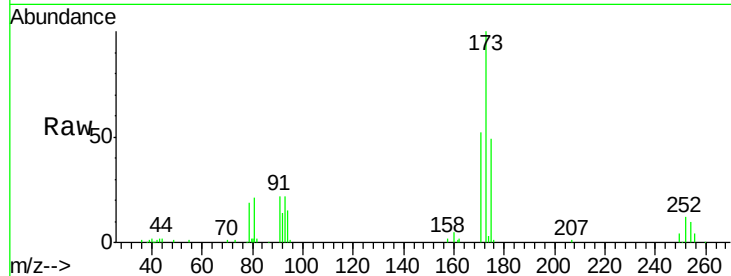
ClientSampleId :

VW0907SBSD01

Tot Ion:	173	Resp:	26490
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.8	74.3
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

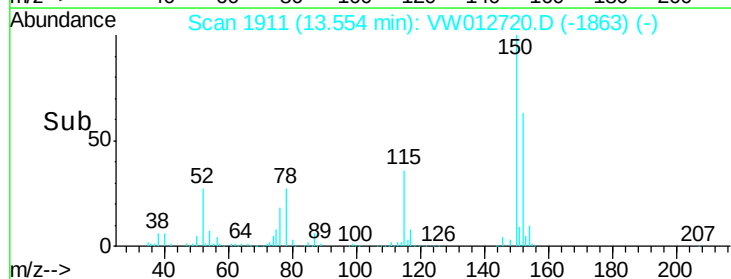
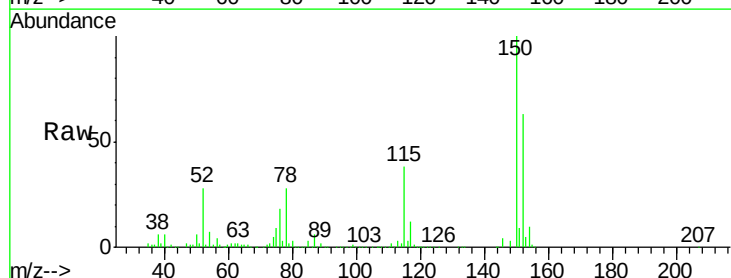
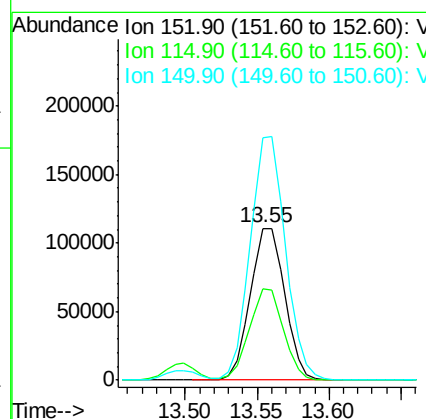
RT: 13.55 min Scan# 1911

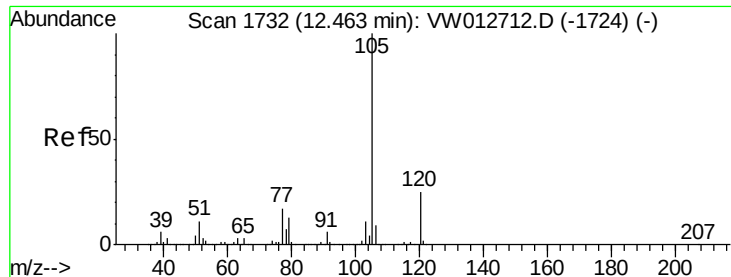
Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion:	152	Resp:	183148
Ion Ratio	Lower	Upper	
152	100		
115	59.3	30.0	90.1
150	164.3	0.0	349.0





#73

Isopropylbenzene

Concen: 19.549 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion:105 Resp: 256799

Ion Ratio Lower Upper

105 100

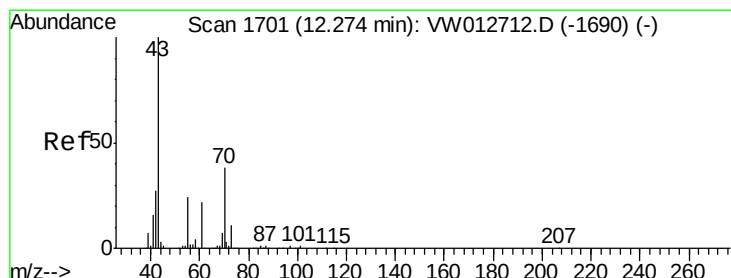
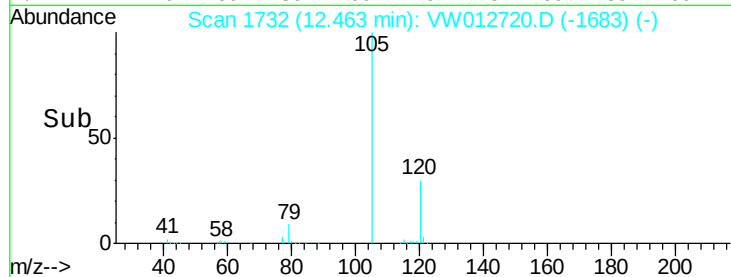
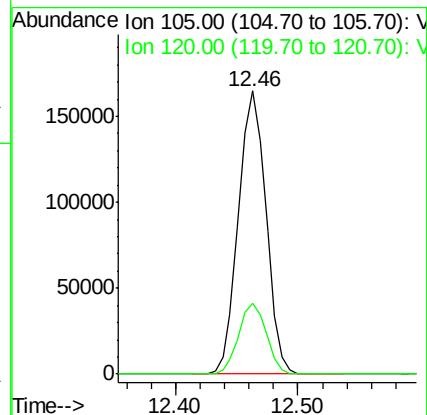
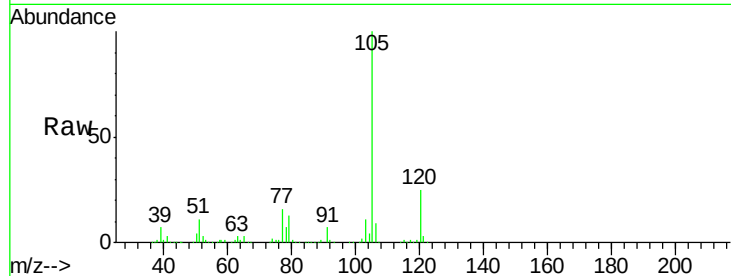
120 25.2 13.0 38.9

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9/10/2019 1:02:59 PM



#74

N-ethyl acetate

Concen: 17.886 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion: 43 Resp: 74576

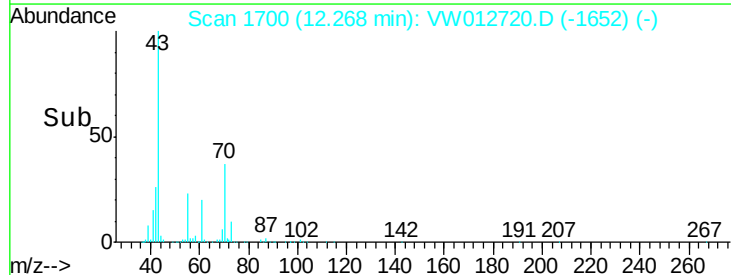
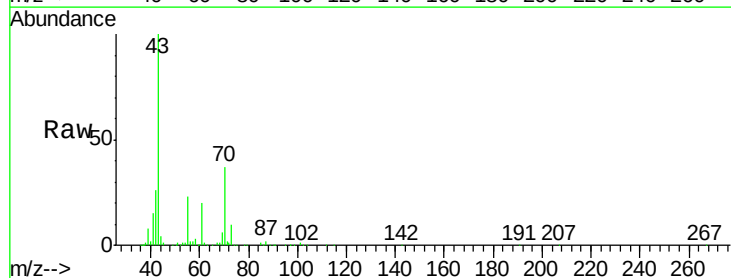
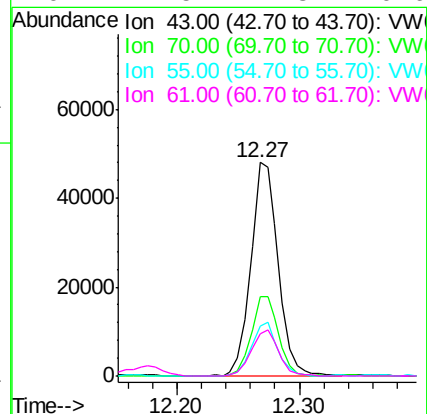
Ion Ratio Lower Upper

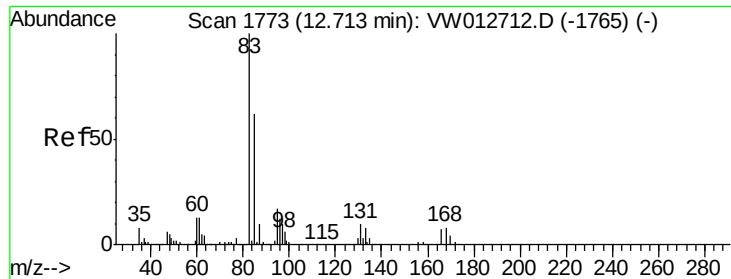
43 100

70 37.3 29.4 44.0

55 24.3 18.6 27.8

61 21.5 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.162 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

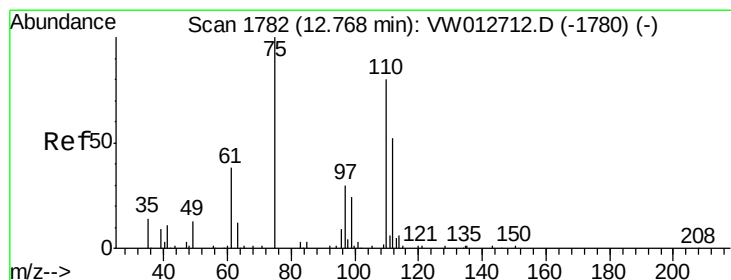
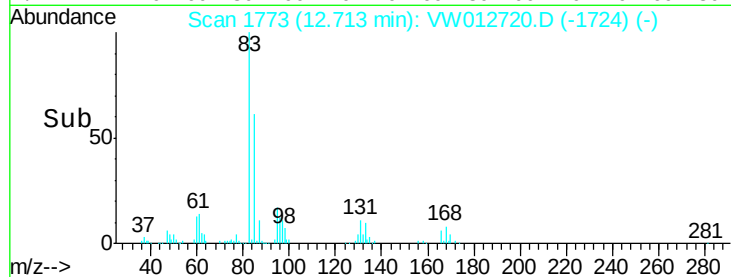
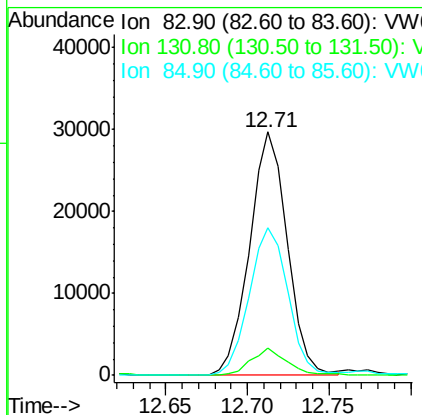
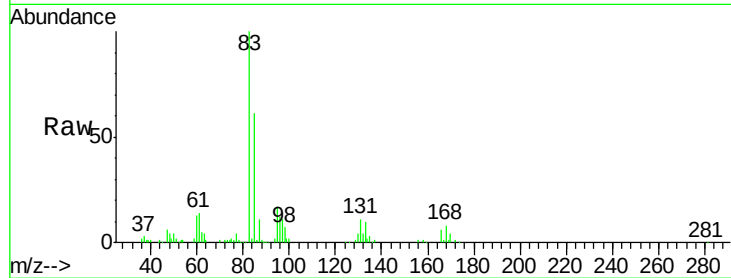
ClientSampleId :

VW0907SBSD01

Tot Ion:	83	Resp:	47912
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	62.0	31.4	94.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.178 ug/l m

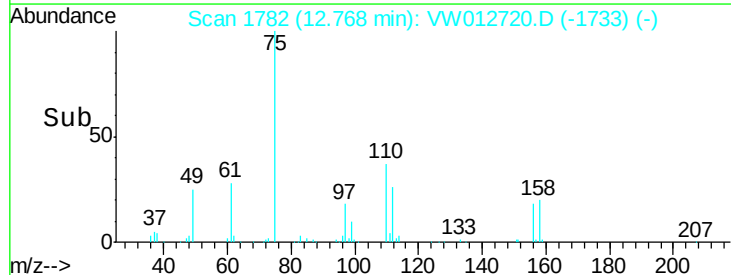
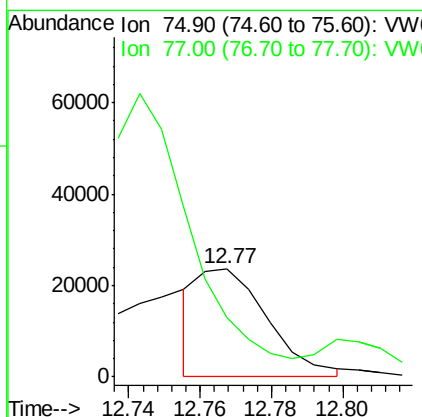
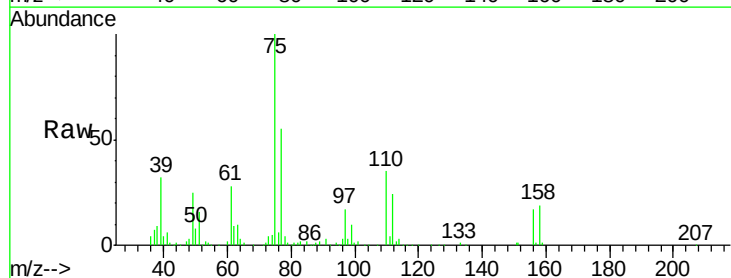
RT: 12.77 min Scan# 1782

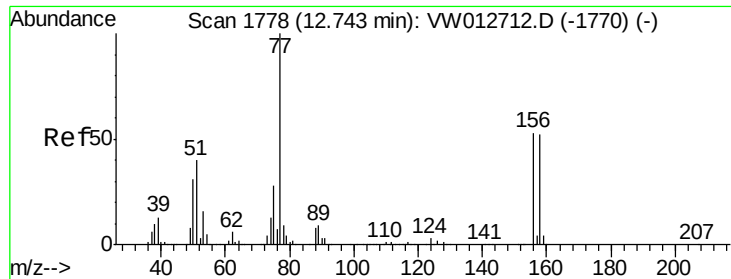
Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion:	75	Resp:	32171
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.536 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

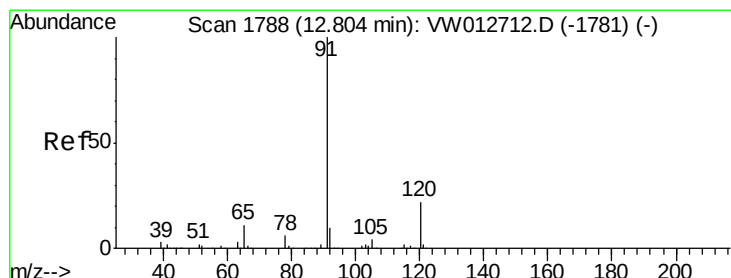
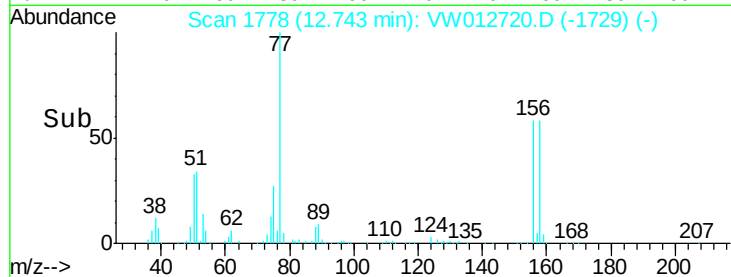
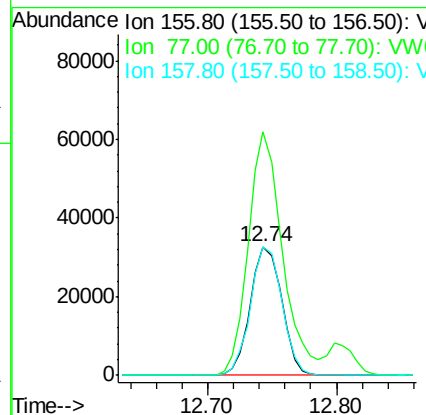
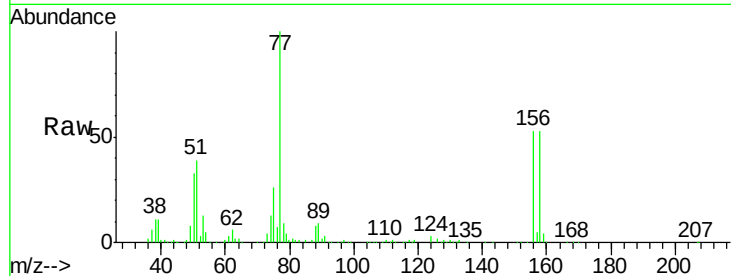
ClientSampleId :

VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	205.4	102.3	306.9
158	99.9	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.222 ug/l

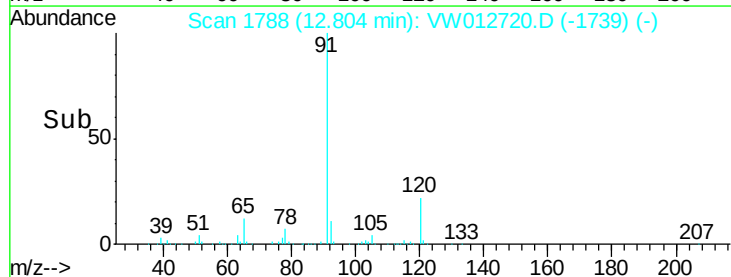
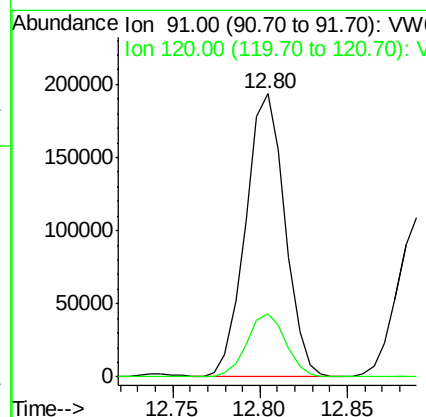
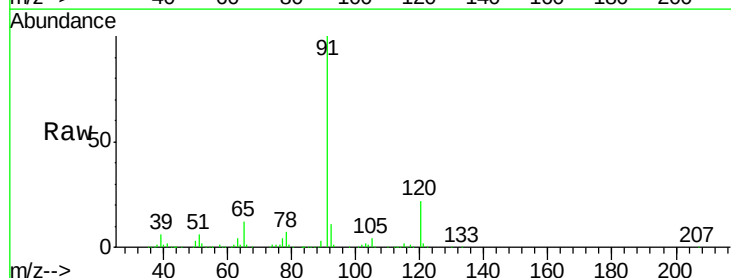
RT: 12.80 min Scan# 1788

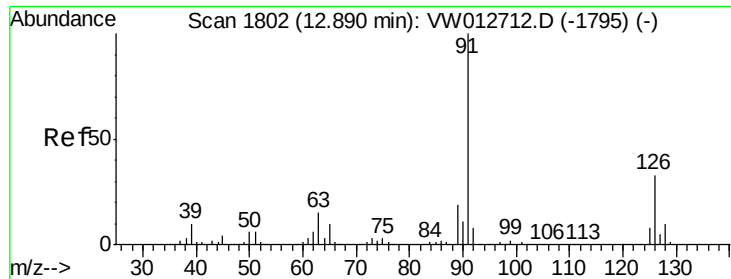
Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 18.873 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012720.D

Acq: 07 Sep 2019 15:37

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion: 91 Resp: 170218

Ion Ratio Lower Upper

91 100

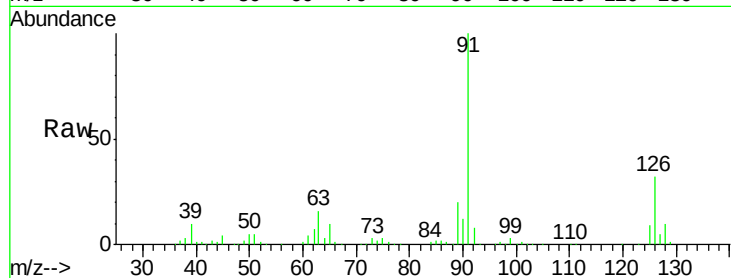
126 31.7 16.1 48.3

Manual Integrations

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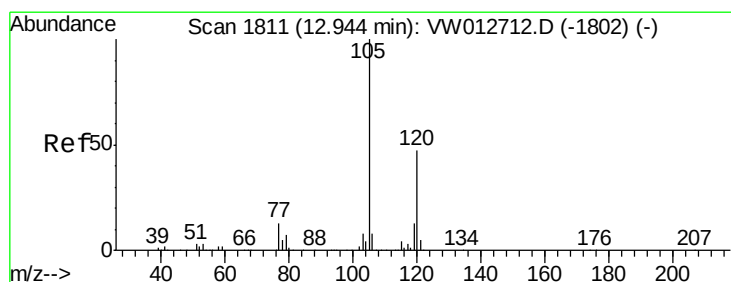
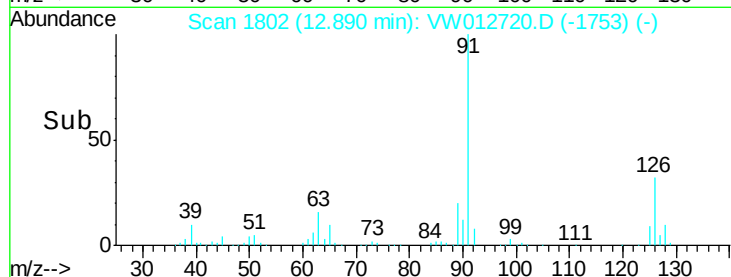
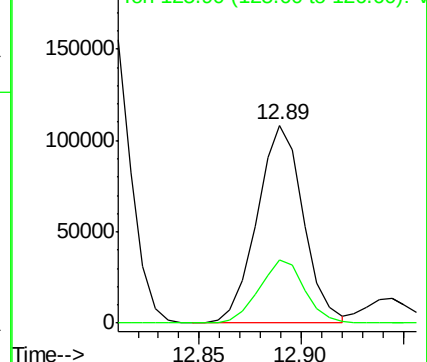
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.460 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012720.D

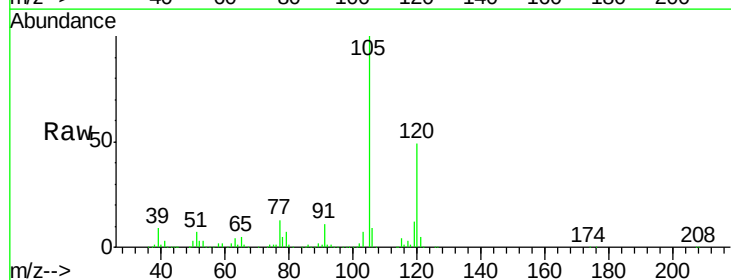
Acq: 07 Sep 2019 15:37

Tgt Ion:105 Resp: 193263

Ion Ratio Lower Upper

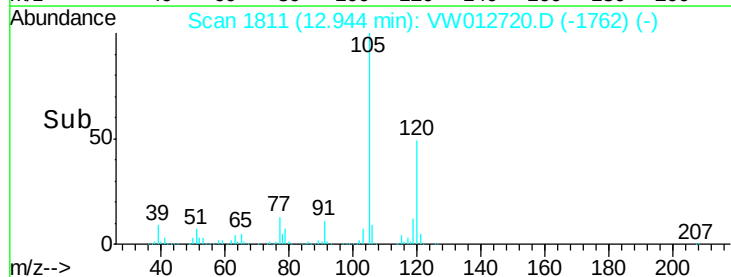
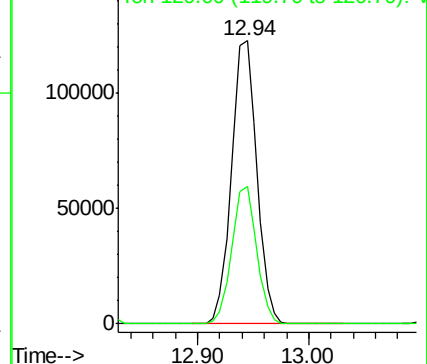
105 100

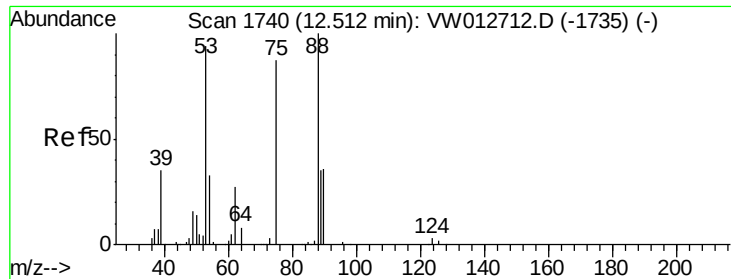
120 47.8 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





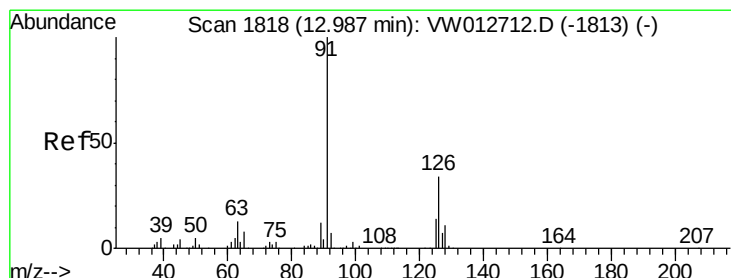
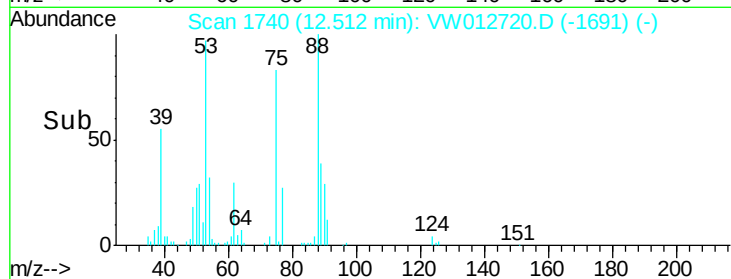
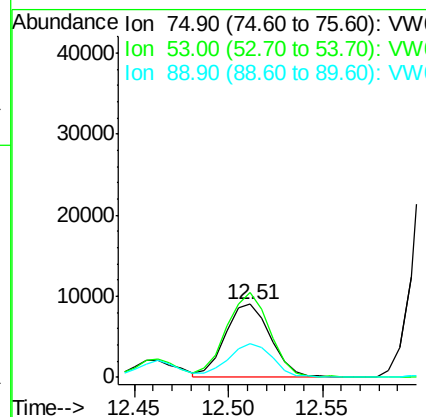
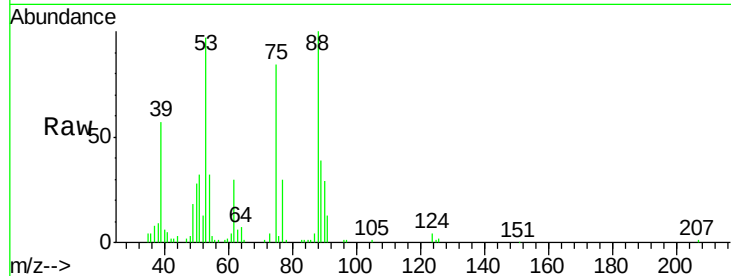
#81
trans-1,4-Dichloro-2-butene
Concen: 17.074 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.9	87.6	131.4
89	44.9	35.5	53.3

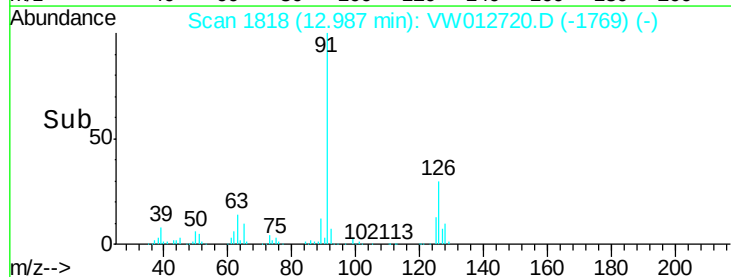
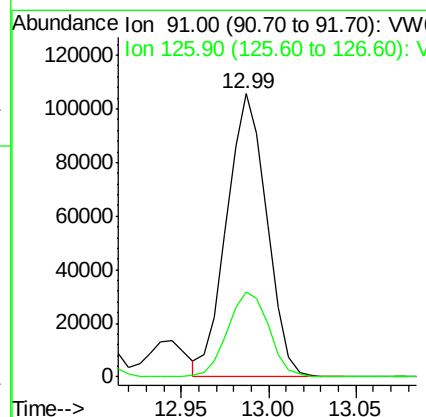
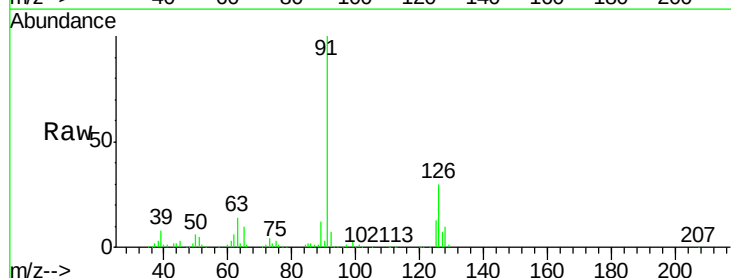
Manual Integrations
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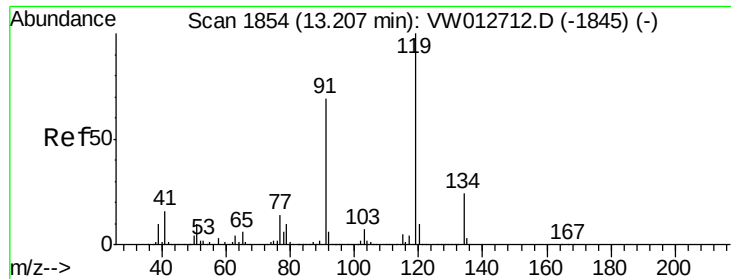
MMDadoda
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#82
4-Chlorotoluene
Concen: 17.564 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.6





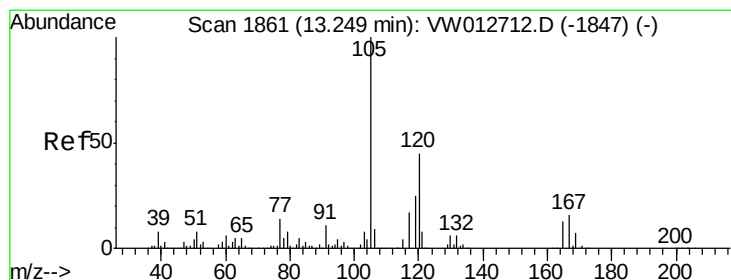
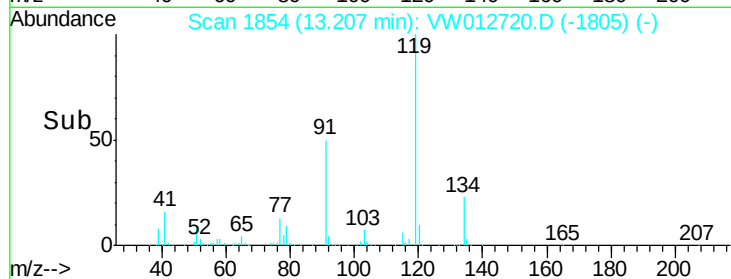
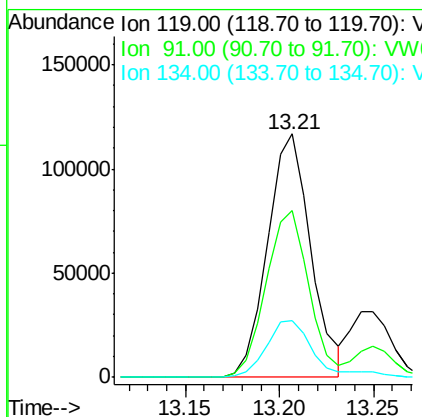
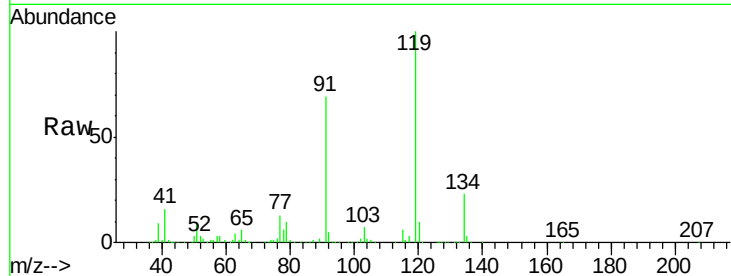
#83
 tert-Butylbenzene
 Concen: 18.981 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.2	102.5
134	25.9	12.3	36.9

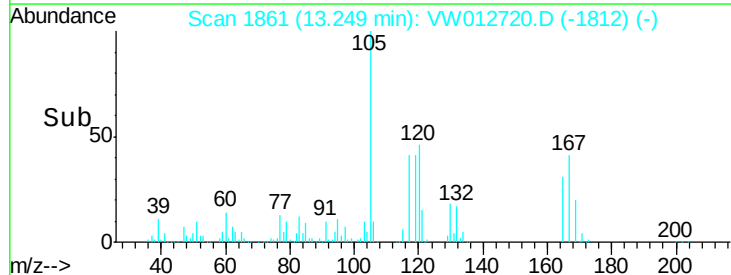
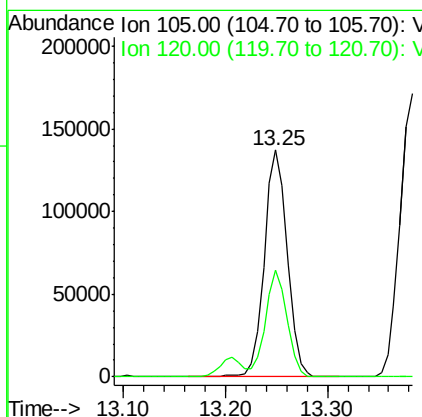
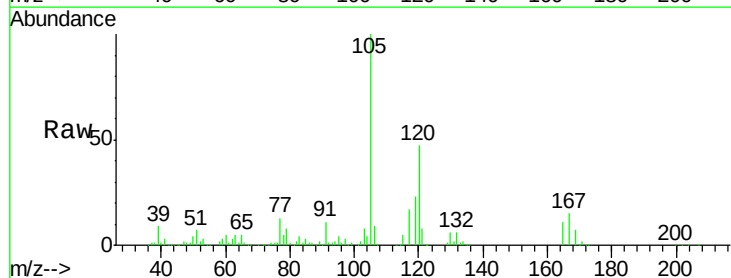
Manual Integrations
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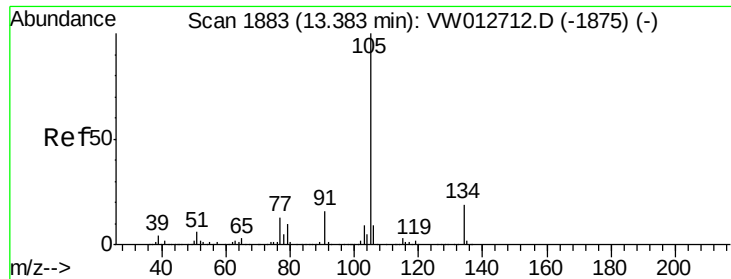
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.205 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.3





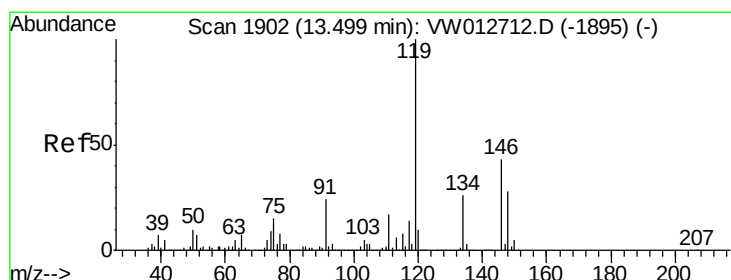
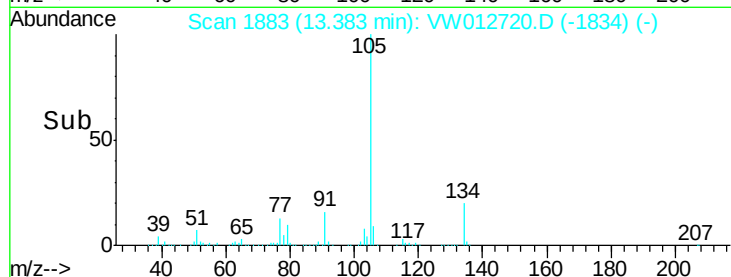
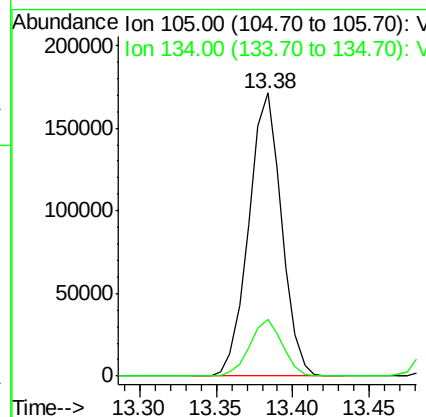
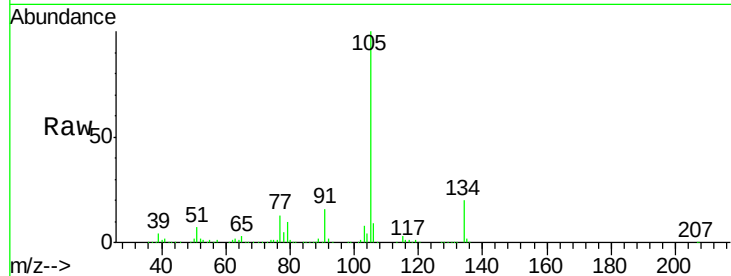
#85
 sec-Butylbenzene
 Concen: 18.855 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	256067		
134	19.9	9.8	29.3	

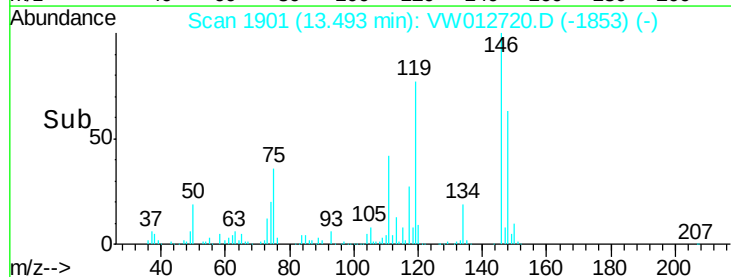
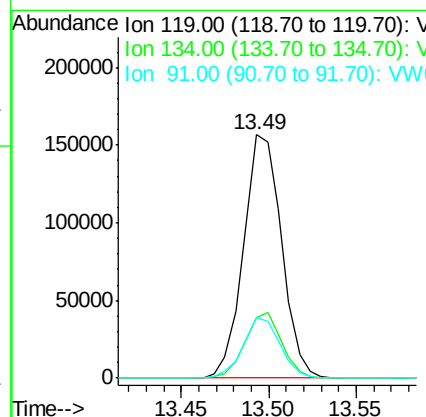
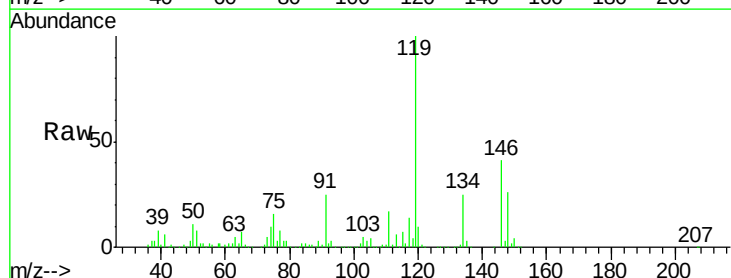
Manual Integrations
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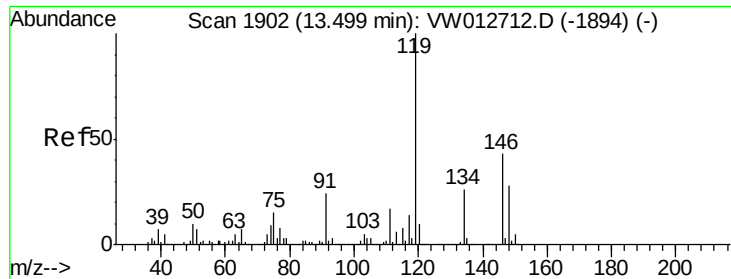
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#86
 p-Isopropyltoluene
 Concen: 19.050 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	236320		
134	26.0	12.7	38.1	
91	24.4	12.2	36.6	





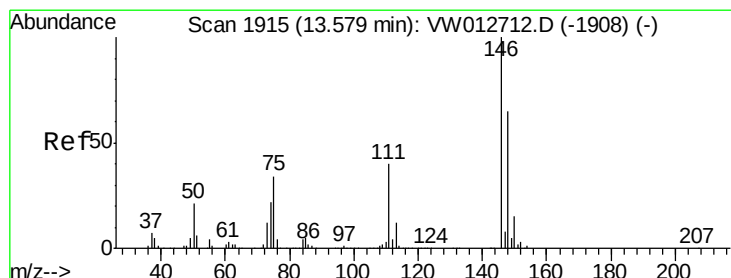
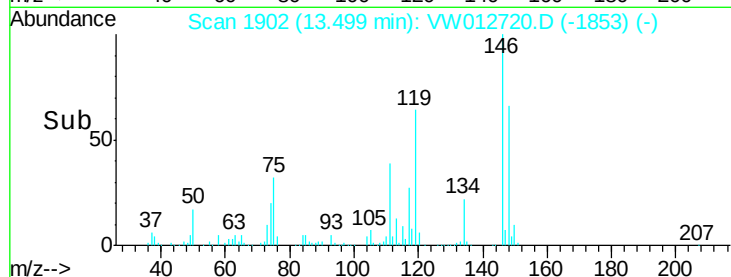
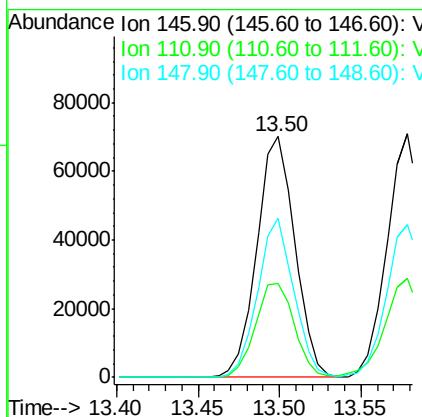
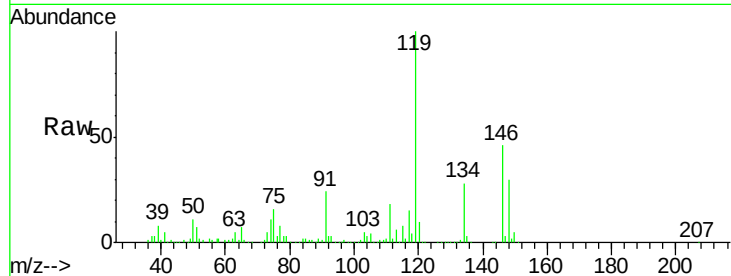
#87
 1,3-Dichlorobenzene
 Concen: 19.332 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113085		
111	40.2		20.4	61.2
148	62.9		31.8	95.4

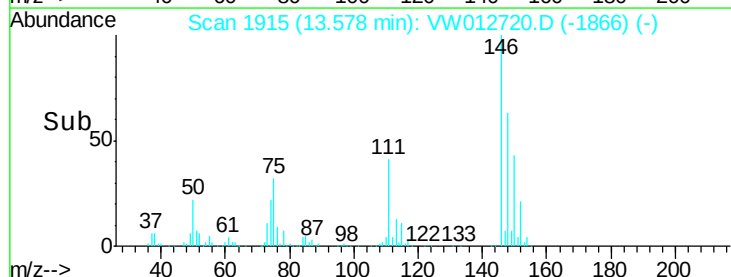
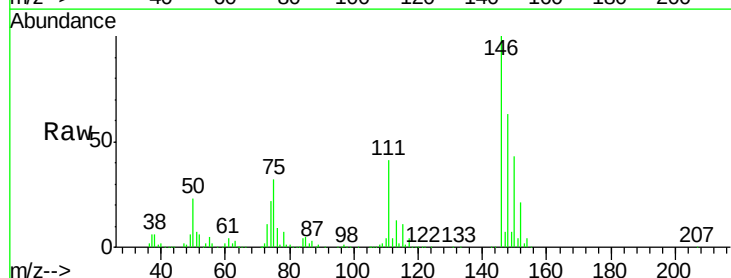
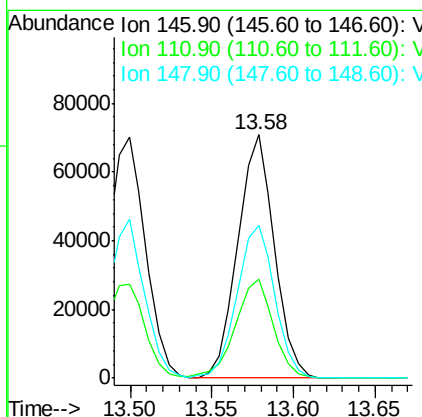
Manual Integrations
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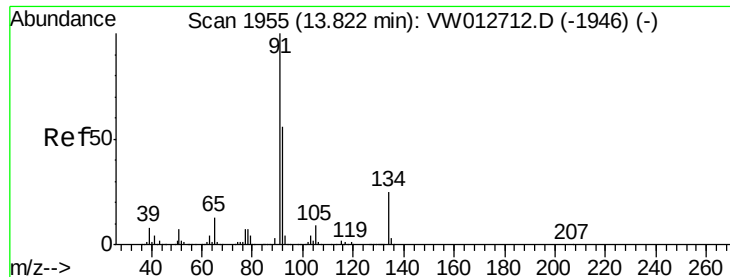
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#88
 1,4-Dichlorobenzene
 Concen: 19.021 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	110717		
111	42.1		20.0	60.0
148	64.6		32.2	96.6





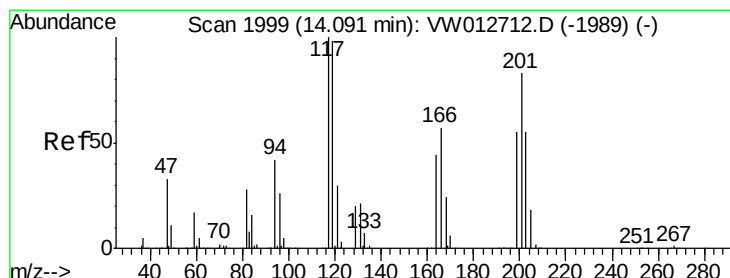
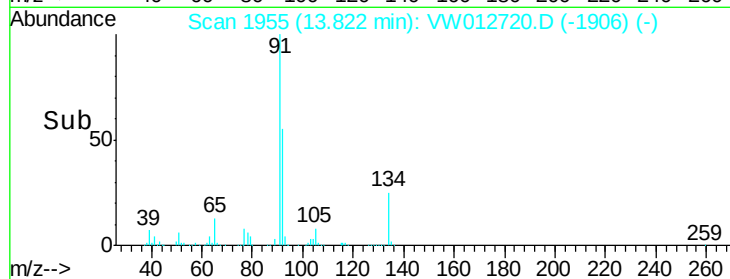
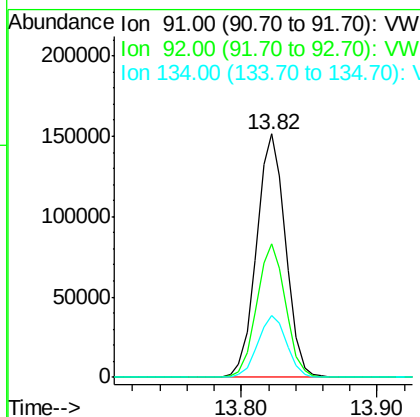
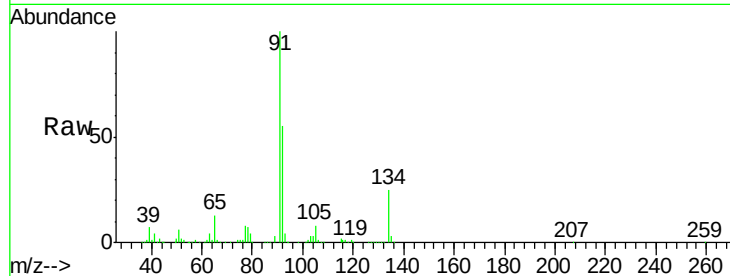
#89
n-Butylbenzene
Concen: 18.821 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		226667		
92	54.5	27.2	81.5		
134	25.4	12.7	38.1		

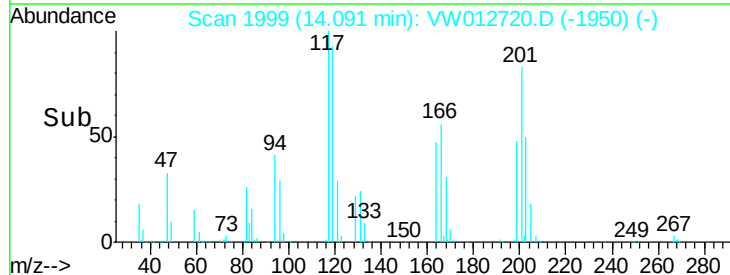
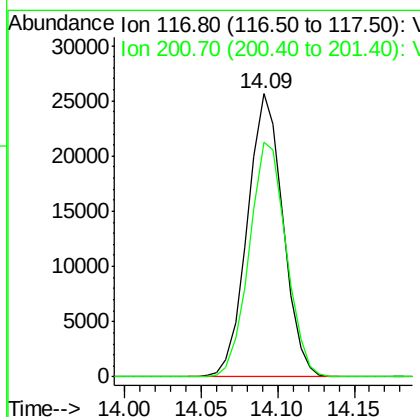
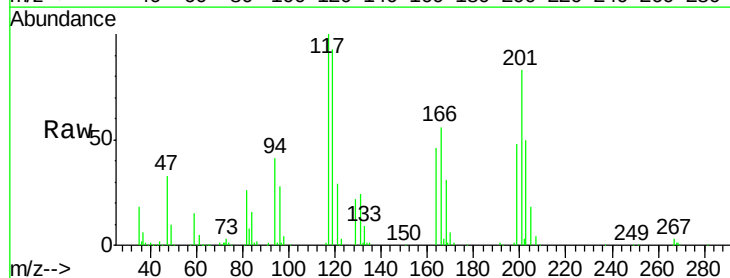
Manual Integrations
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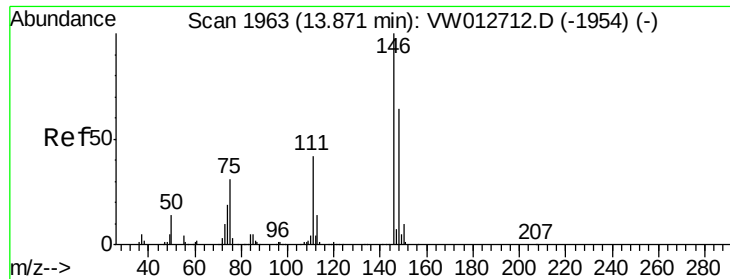
MMDadoda
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#90
Hexachloroethane
Concen: 19.186 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		41549		
201	85.8	42.8	128.4		





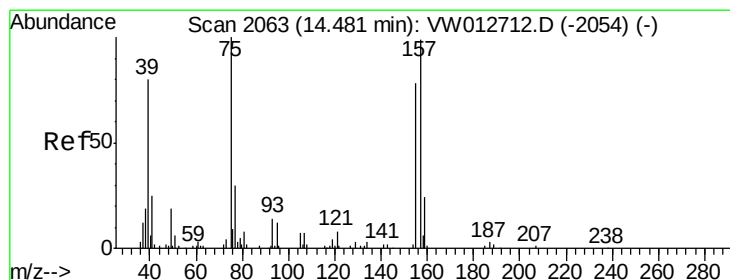
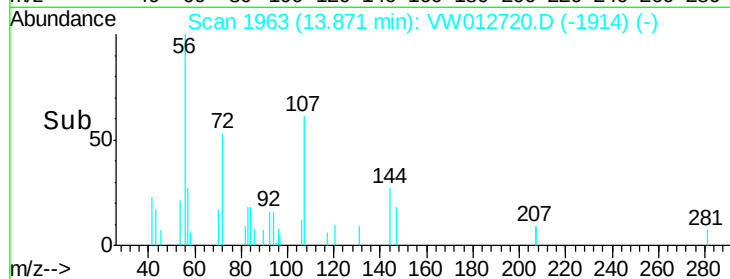
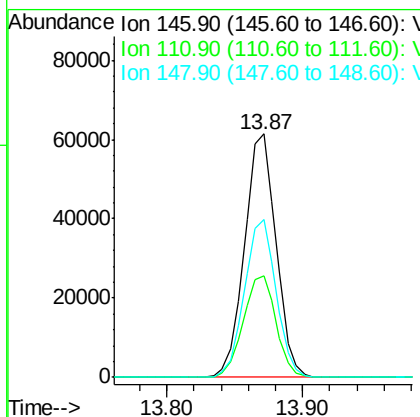
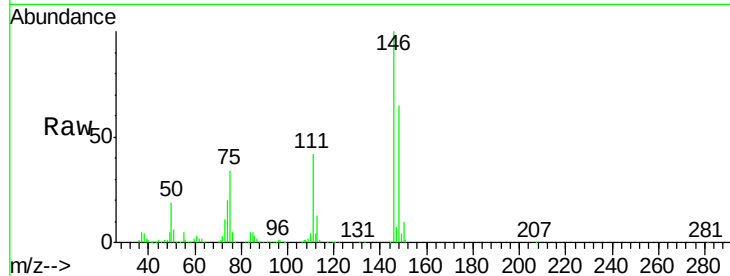
#91
 1,2-Dichlorobenzene
 Concen: 19.003 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100050		
111	43.2	21.3	63.9	
148	64.8	32.1	96.5	

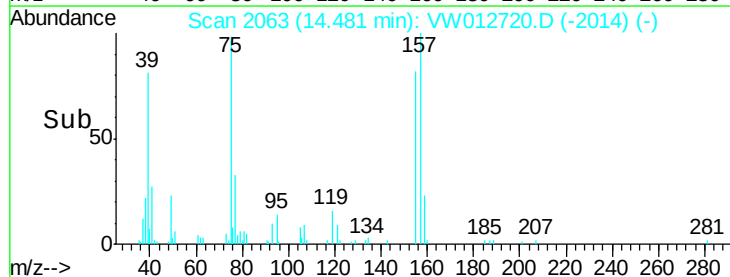
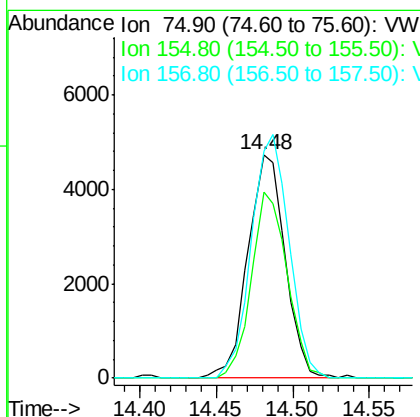
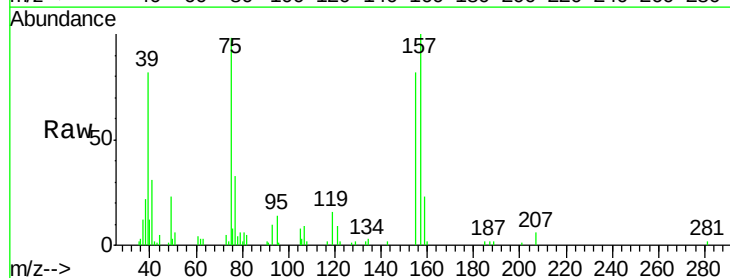
Manual Integrations
 APPROVED

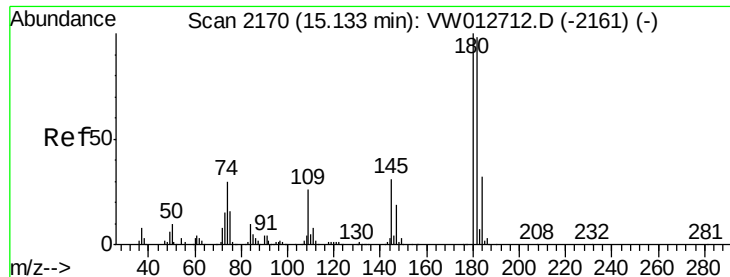
MMDadoda
 9/10/2019 1:02:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.596 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8012		
155	80.0	40.6	122.0	
157	110.1	52.5	157.5	





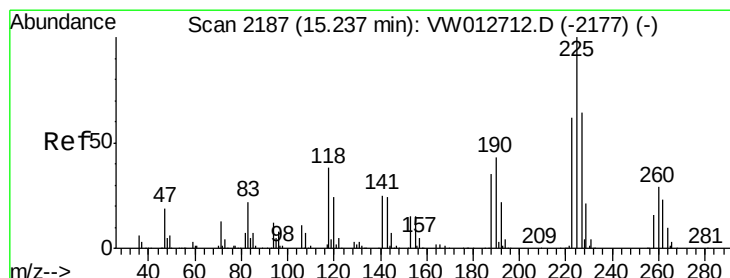
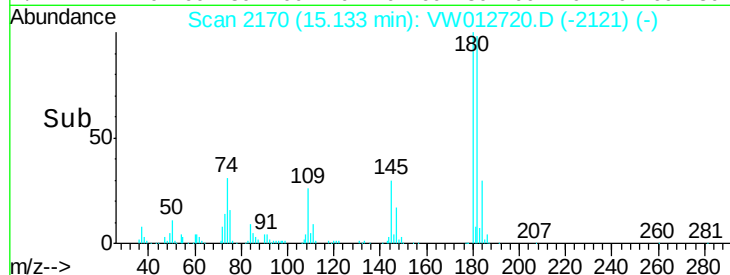
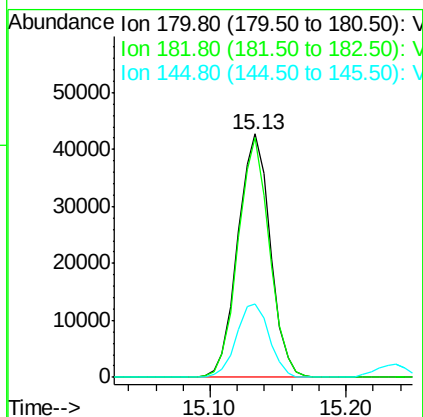
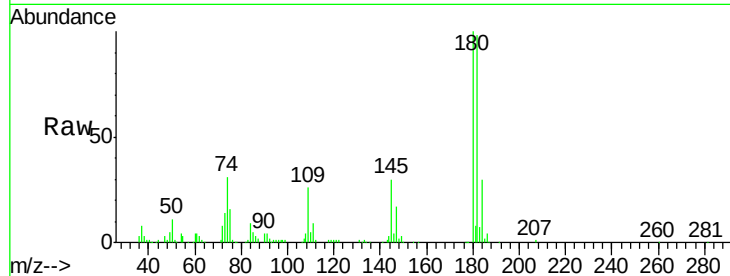
#93
 1,2,4-Trichlorobenzene
 Concen: 19.386 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71063		
182	95.0	48.7	146.1	
145	30.5	15.0	45.1	

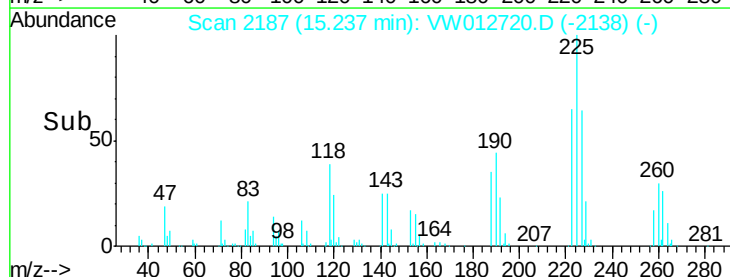
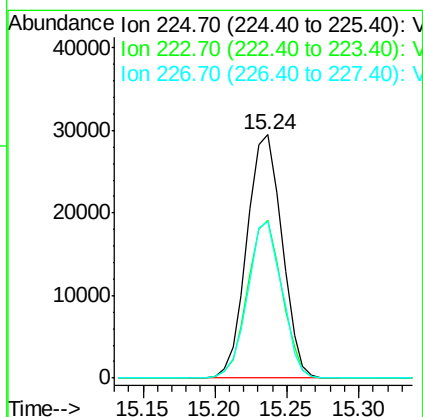
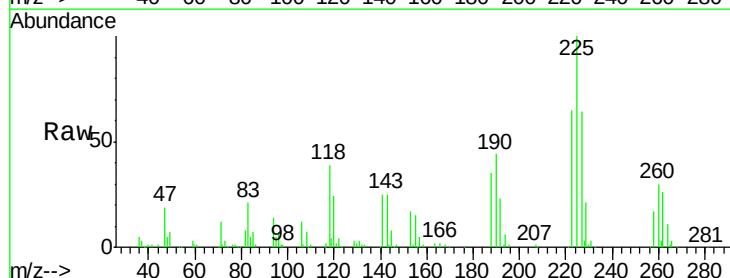
Manual Integrations
 APPROVED

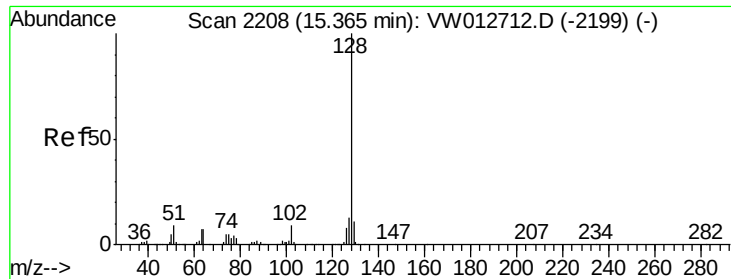
MMDadoda
 9/10/2019 1:02:59 PM



#94
 Hexachlorobutadiene
 Concen: 19.594 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012720.D
 Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49715		
223	63.8	31.1	93.3	
227	62.2	31.4	94.2	





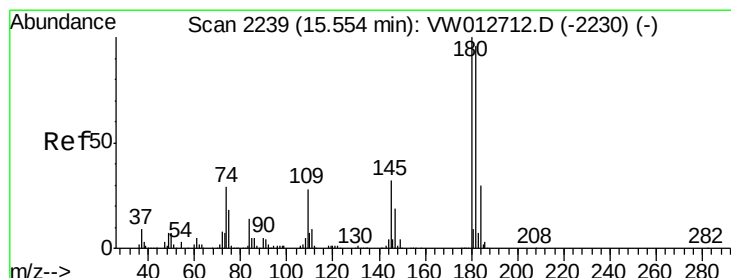
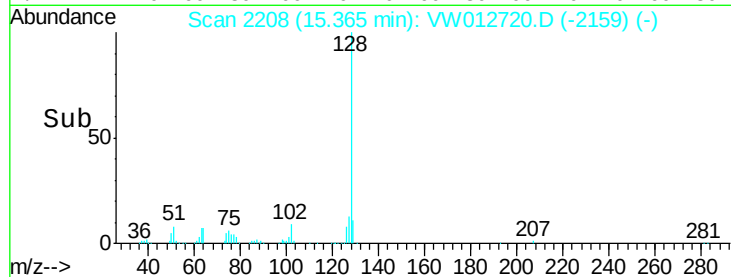
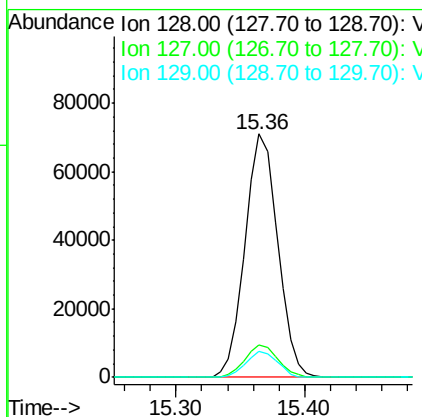
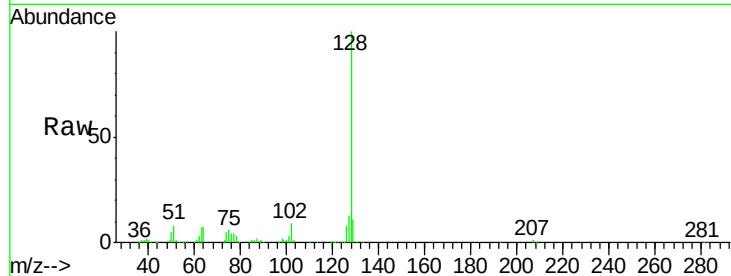
#95
Naphthalene
Concen: 19.219 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	124630		
127	13.5	10.7	16.1	
129	10.6	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/10/2019 1:02:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.220 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012720.D
Acq: 07 Sep 2019 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62189		
182	96.7	47.8	143.3	
145	32.1	15.4	46.2	

