

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012466.D
 Acq On : 02 Sep 2019 00:15
 Operator : SY/VA
 Sample : VW0901SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:44:49 AM

Quant Time: Sep 02 08:25:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	139795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	133909	57.87	ug/l	0.00
Spiked Amount			Recovery	=	115.74%	
35) Dibromofluoromethane	7.88	113	100869	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
50) Toluene-d8	10.32	98	399685	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	145437	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	18243	15.220	ug/l	98
3) Chloromethane	2.21	50	35838	19.299	ug/l	93
4) Vinyl Chloride	2.36	62	40875	17.983	ug/l	97
5) Bromomethane	2.73	94	20181m	17.532	ug/l	
6) Chloroethane	2.89	64	24855	19.385	ug/l	95
7) Trichlorofluoromethane	3.25	101	21741	19.049	ug/l	99
8) Diethyl Ether	3.68	74	22273	20.560	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37118	19.133	ug/l	97
10) Methyl Iodide	4.26	142	49670	18.923	ug/l	98
11) Tert butyl alcohol	5.17	59	17435	125.196	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	35166	18.010	ug/l	97
13) Acrolein	3.89	56	10107	77.100	ug/l	100
14) Allyl chloride	4.66	41	80238	19.222	ug/l	97
15) Acrylonitrile	5.36	53	61010	113.622	ug/l	100
16) Acetone	4.12	43	56274	95.132	ug/l	95
17) Carbon Disulfide	4.37	76	87998	14.912	ug/l	99
18) Methyl Acetate	4.66	43	38801	26.483	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	73663	23.328	ug/l	98
20) Methylene Chloride	4.91	84	44979	20.114	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	39508	18.868	ug/l	89
22) Diisopropyl ether	6.31	45	168201	21.738	ug/l	97
23) Vinyl Acetate	6.25	43	480743	100.958	ug/l	99
24) 1,1-Dichloroethane	6.21	63	86634	20.564	ug/l	99
25) 2-Butanone	7.17	43	86446	107.543	ug/l	99
26) 2,2-Dichloropropane	7.16	77	46762	19.610	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	45745	20.448	ug/l	98
28) Bromochloromethane	7.51	49	41985	22.865	ug/l	98
29) Tetrahydrofuran	7.52	42	54471	112.949	ug/l	98
30) Chloroform	7.68	83	84344	21.882	ug/l	98
31) Cyclohexane	7.95	56	70918	17.014	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	64649	21.202	ug/l	100
36) 1,1-Dichloropropene	8.08	75	62169	18.990	ug/l	100
37) Ethyl Acetate	7.25	43	37513	20.911	ug/l	99
38) Carbon Tetrachloride	8.07	117	56522	19.948	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	62330	16.948	ug/l	98
40) Benzene	8.32	78	177400	19.845	ug/l	98
41) Methacrylonitrile	7.48	41	24641	23.370	ug/l	98
42) 1,2-Dichloroethane	8.40	62	63250	22.576	ug/l	99
43) Isopropyl Acetate	8.42	43	70388	21.182	ug/l	99
44) Trichloroethene	9.09	130	43162	19.862	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49048	20.387	ug/l	97
46) Dibromomethane	9.46	93	22831	21.329	ug/l	99
47) Bromodichloromethane	9.64	83	61282	21.511	ug/l	99
48) Methyl methacrylate	9.43	41	33931	21.454	ug/l	96
49) 1,4-Dioxane	9.44	88	7722	471.229	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	194056	114.813	ug/l	98
52) Toluene	10.38	92	108812	20.262	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	59962	20.663	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69724	19.899	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	33464	22.096	ug/l	99
56) Ethyl methacrylate	10.65	69	47736	21.656	ug/l	98
57) 1,3-Dichloropropane	10.93	76	62104	21.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	119887	105.976	ug/l	100
59) 2-Hexanone	10.97	43	130651	109.248	ug/l	98
60) Dibromochloromethane	11.13	129	36715	21.765	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30606	21.692	ug/l	98
64) Tetrachloroethene	10.86	164	37872	20.659	ug/l	98
65) Chlorobenzene	11.66	112	114236	20.518	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	41395	21.312	ug/l	99
67) Ethyl Benzene	11.73	91	212531	19.816	ug/l	99
68) m/p-Xylenes	11.84	106	154028	39.869	ug/l	99
69) o-Xylene	12.16	106	72488	20.273	ug/l	99
70) Styrene	12.18	104	126087	20.372	ug/l	98
71) Bromoform	12.35	173	20837	21.532	ug/l #	99
73) Isopropylbenzene	12.46	105	202112	19.295	ug/l	98
74) N-amyl acetate	12.27	43	63673	20.119	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	41073	21.388	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33793m	24.820	ug/l	
77) Bromobenzene	12.74	156	46418	20.483	ug/l	97
78) n-propylbenzene	12.80	91	249698	19.526	ug/l	99
79) 2-Chlorotoluene	12.89	91	146551	20.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	178230	20.362	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	11961	19.262	ug/l	92
82) 4-Chlorotoluene	12.99	91	152184	20.019	ug/l	100
83) tert-Butylbenzene	13.21	119	149639	20.182	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	176692	20.096	ug/l	100
85) sec-Butylbenzene	13.38	105	209803	19.751	ug/l	100
86) p-Isopropyltoluene	13.50	119	189363	19.961	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	91850	20.722	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	89798	20.403	ug/l	98
89) n-Butylbenzene	13.82	91	182148	19.308	ug/l	99
90) Hexachloroethane	14.09	117	32911	19.774	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	82342	21.176	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7247	22.385	ug/l	96

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QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55313	20.584	ug/l	99
94) Hexachlorobutadiene	15.24	225	38461	21.676	ug/l	99
95) Naphthalene	15.36	128	95062	20.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	49251	21.007	ug/l	99

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

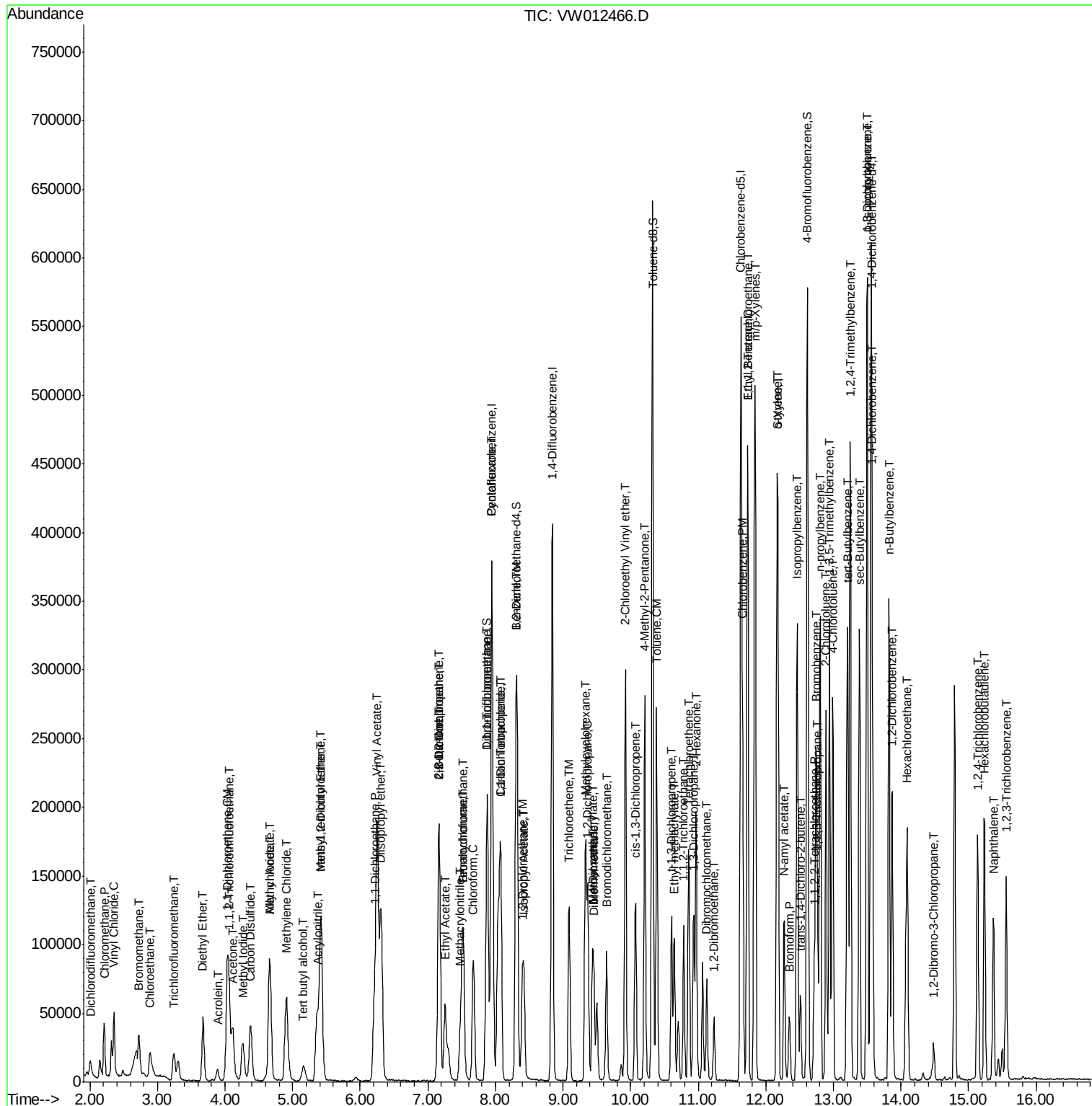
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
Data File : VW012466.D
Acq On : 02 Sep 2019 00:15
Operator : SY/VA
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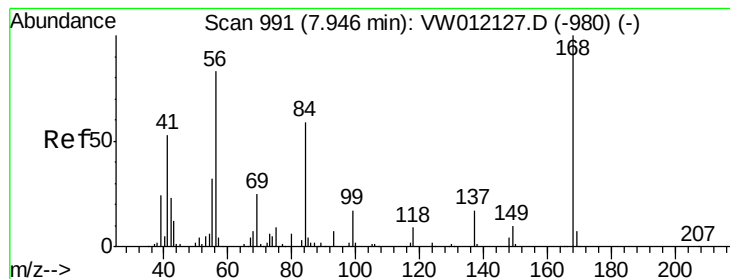
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

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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: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tot Ion:168 Resp: 194666

Ion Ratio Lower Upper

168 100

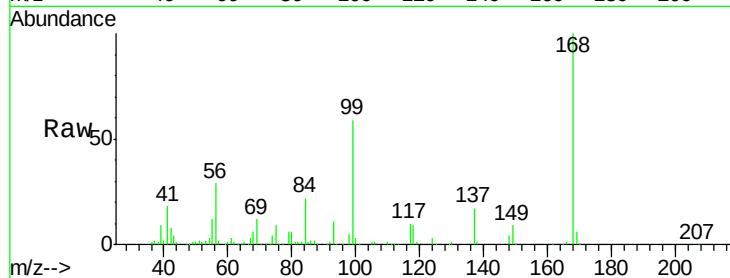
99 59.2 49.2 73.8

Manual Integrations

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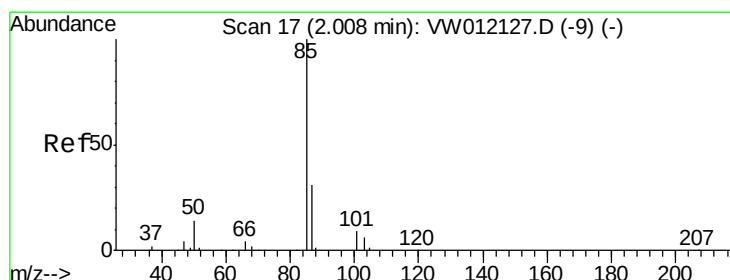
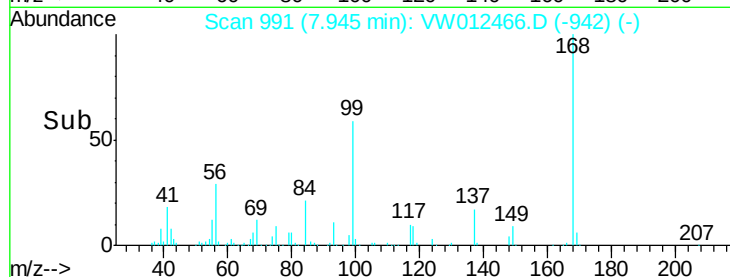
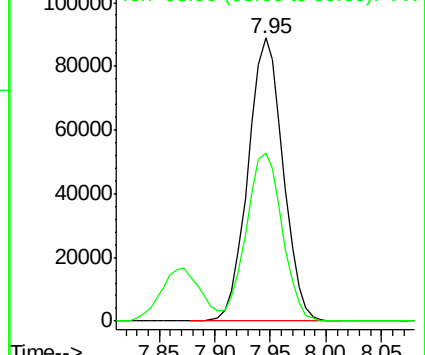
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 15.220 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012466.D

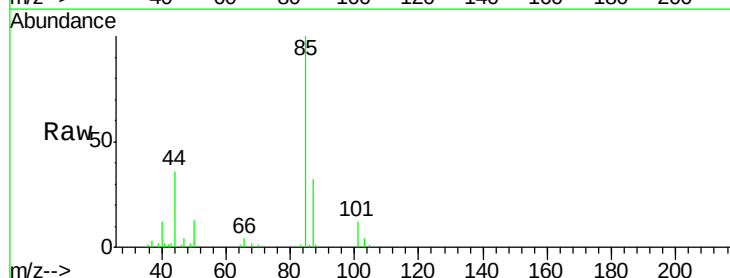
Acq: 02 Sep 2019 00:15

Tgt Ion: 85 Resp: 18243

Ion Ratio Lower Upper

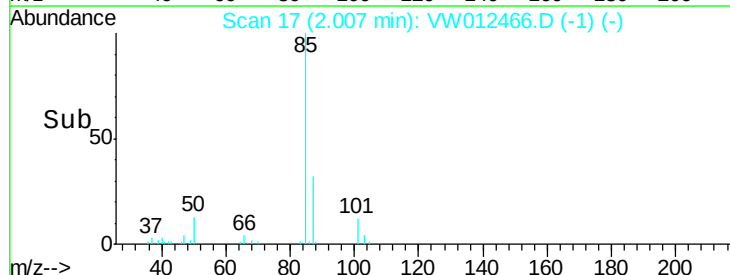
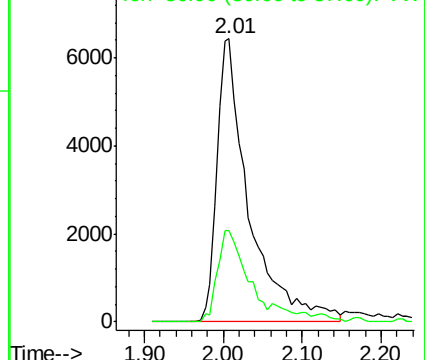
85 100

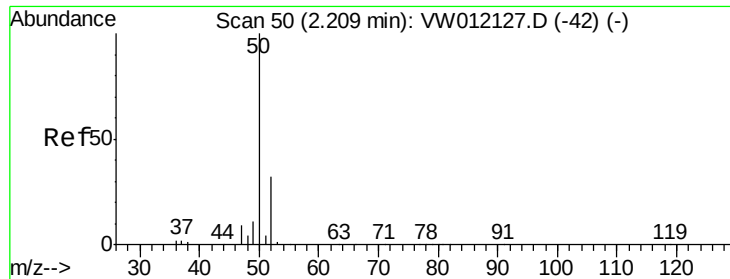
87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.299 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tot Ion: 50 Resp: 35838

Ion Ratio Lower Upper

50 100

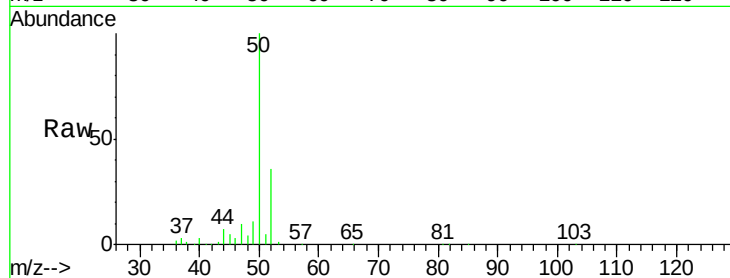
52 35.6 25.5 38.3

Manual Integrations

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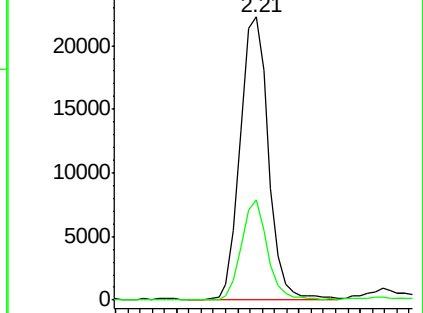
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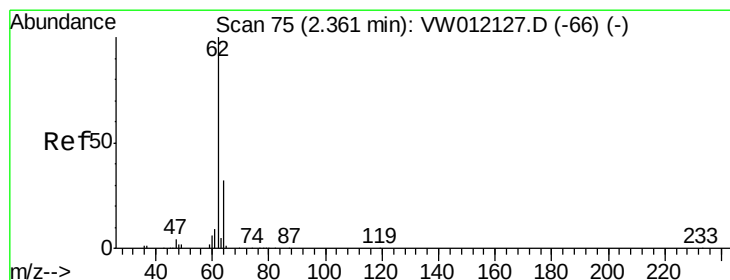
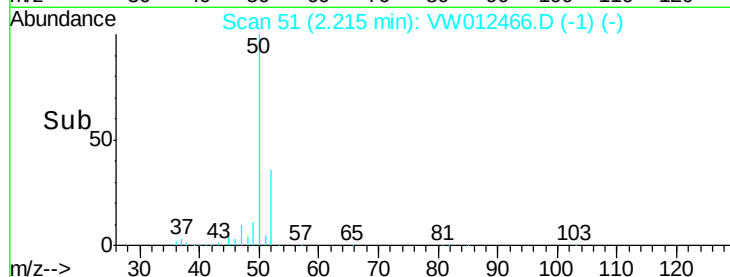


Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



Time-->



#4

Vinyl Chloride

Concen: 17.983 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012466.D

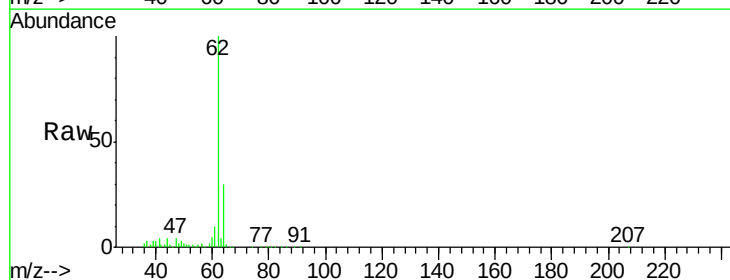
Acq: 02 Sep 2019 00:15

Tgt Ion: 62 Resp: 40875

Ion Ratio Lower Upper

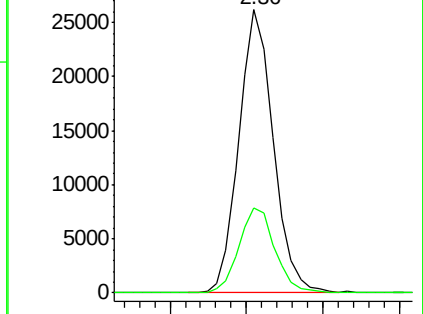
62 100

64 29.9 25.3 37.9

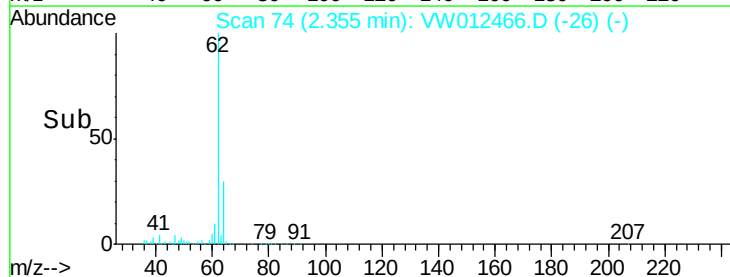


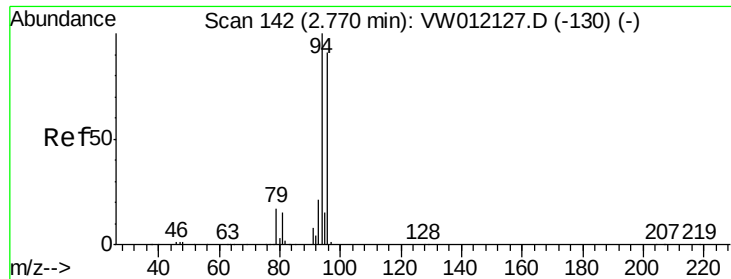
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



Time-->





#5

Bromomethane

Concen: 17.532 ug/l m

RT: 2.73 min Scan# 135

Delta R.T. -0.04 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

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ClientSampleId :

VW0901SBS02

Tot Ion: 94 Resp: 20181

Ion Ratio Lower Upper

94 100

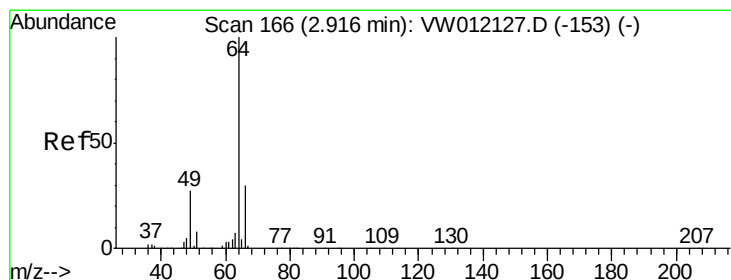
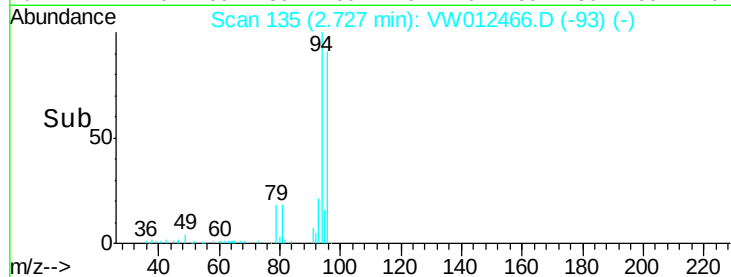
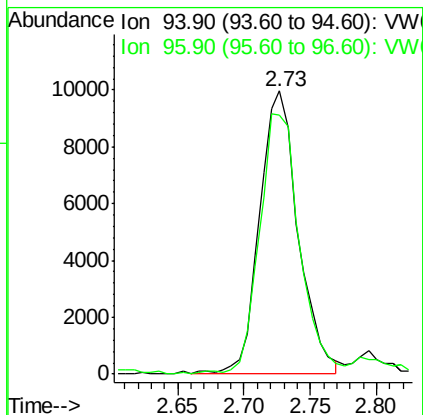
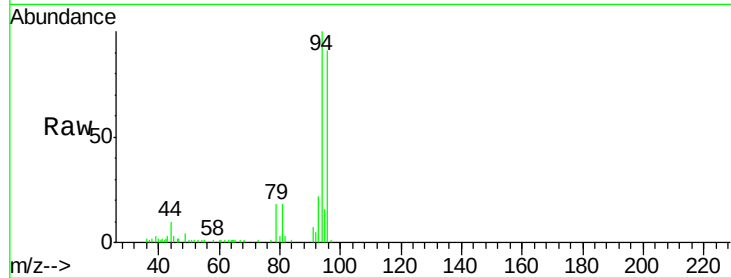
96 91.4 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 19.385 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW012466.D

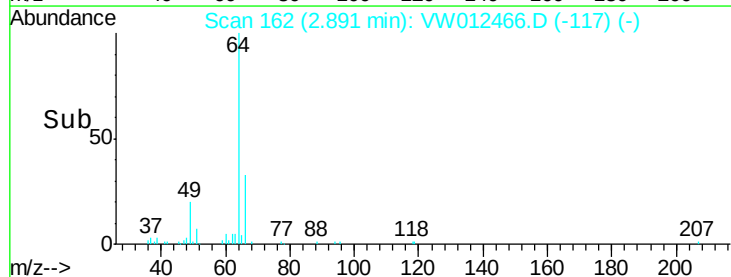
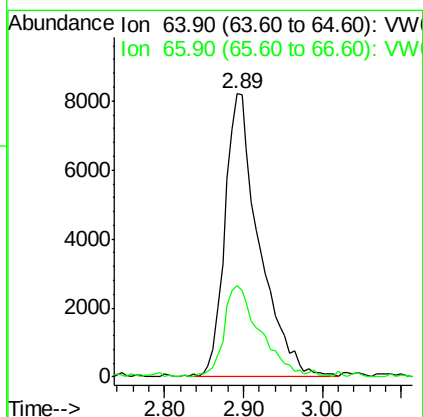
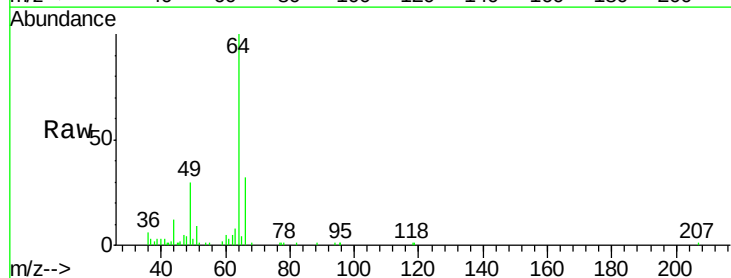
Acq: 02 Sep 2019 00:15

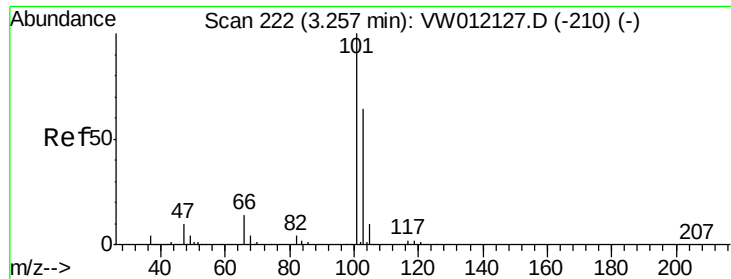
Tgt Ion: 64 Resp: 24855

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.8





#7

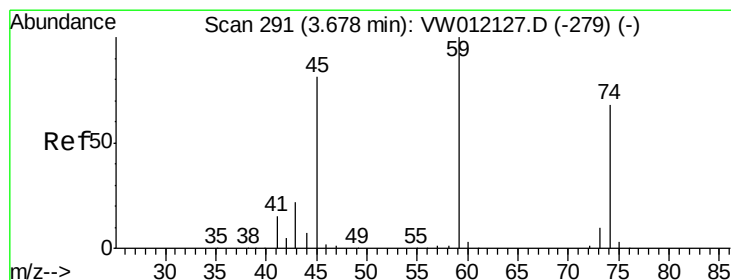
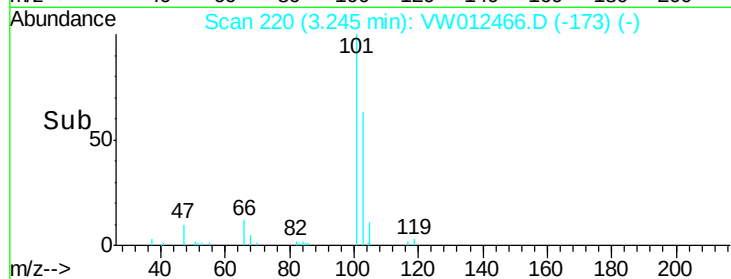
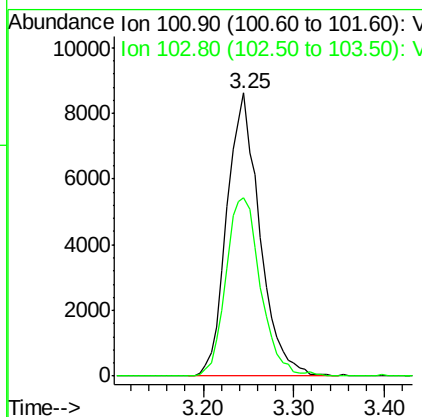
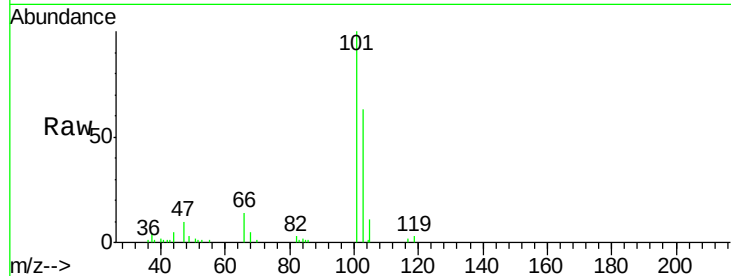
Trichlorofluoromethane
 Concen: 19.049 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0901SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.2	76.8

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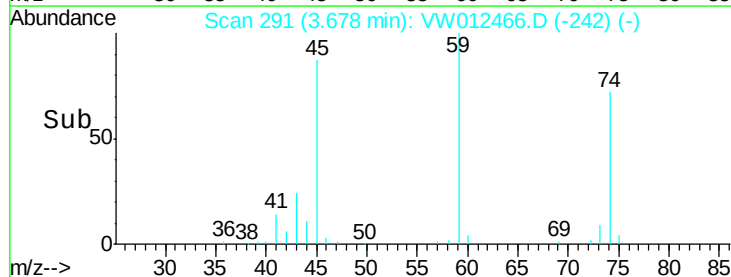
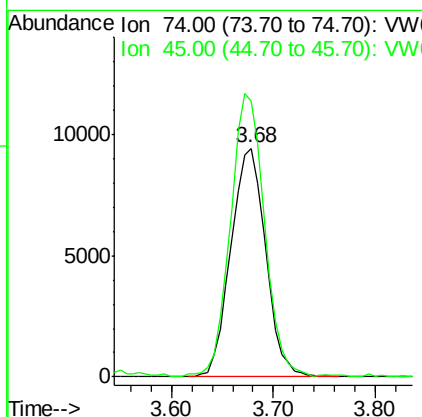
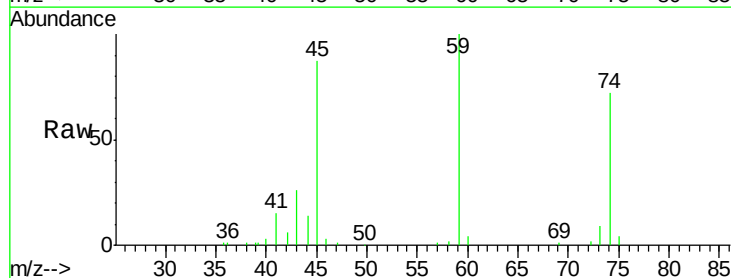
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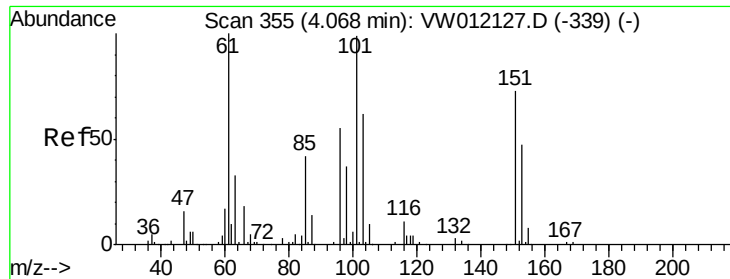


#8

Diethyl Ether
 Concen: 20.560 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.6	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.133 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

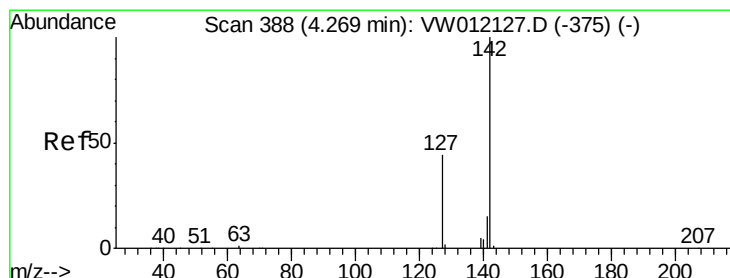
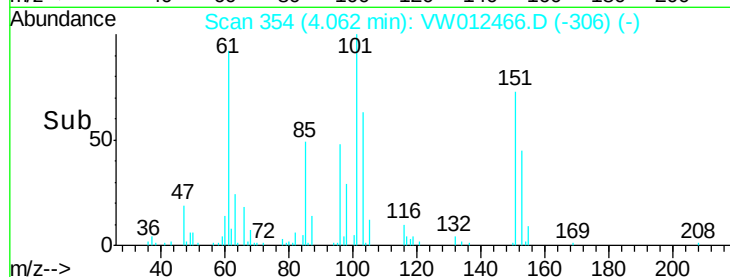
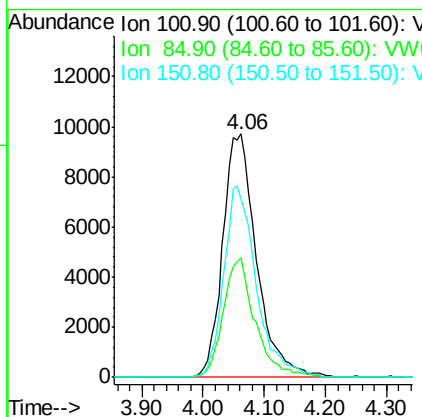
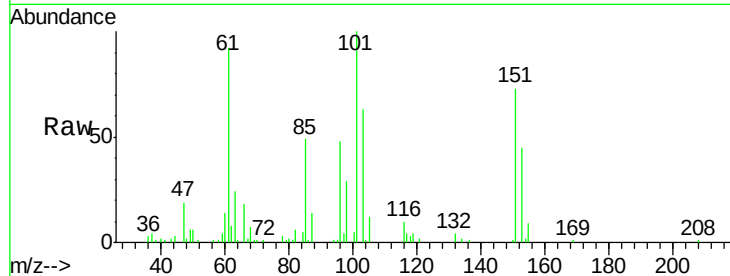
ClientSampleId :

VW0901SBS02

Tot Ion:	101	Resp:	37118
Ion Ratio	Lower	Upper	
101	100		
85	46.1	35.8	53.6
151	75.6	58.6	87.8

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#10

Methyl Iodide

Concen: 18.923 ug/l

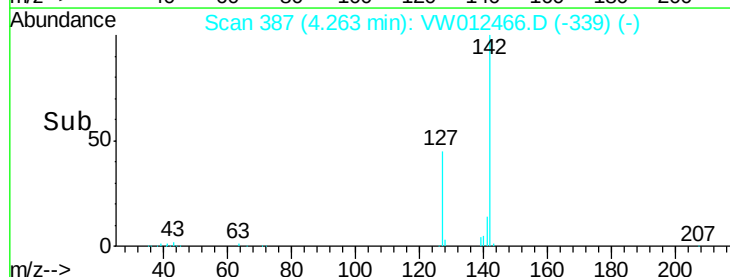
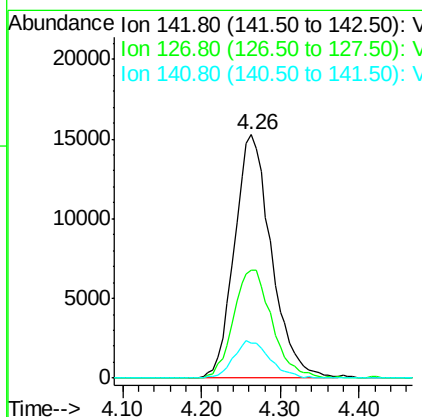
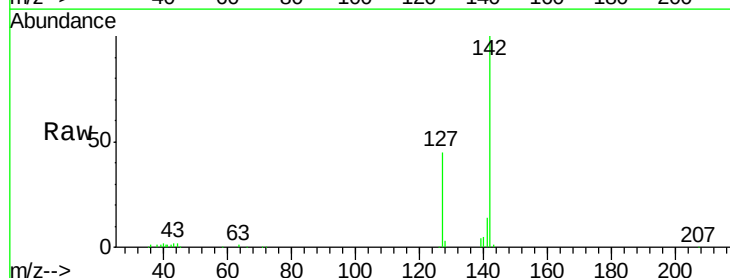
RT: 4.26 min Scan# 387

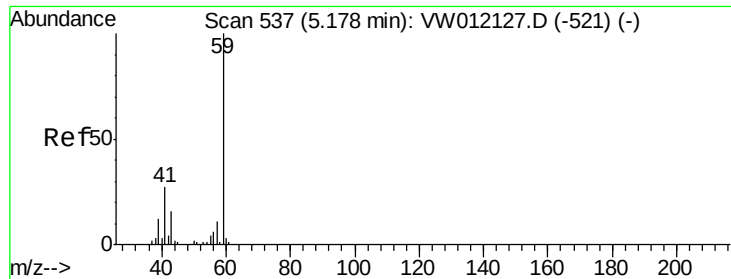
Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	142	Resp:	49670
Ion Ratio	Lower	Upper	
142	100		
127	46.4	35.5	53.3
141	14.9	11.8	17.8





#11

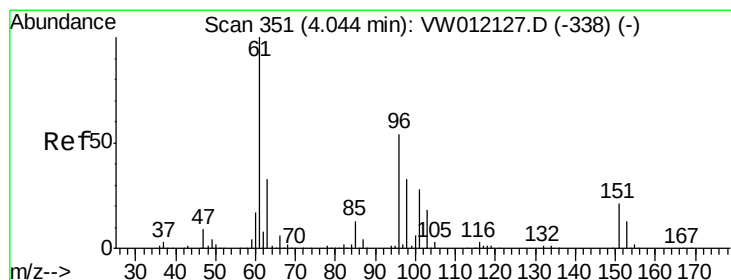
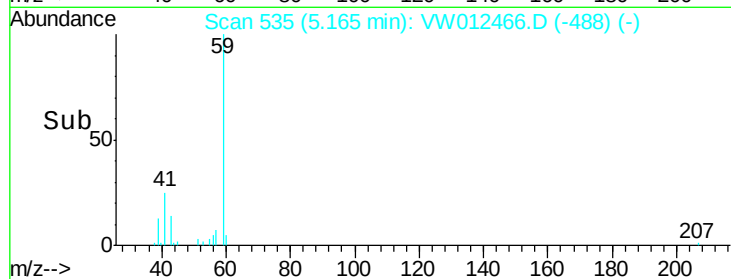
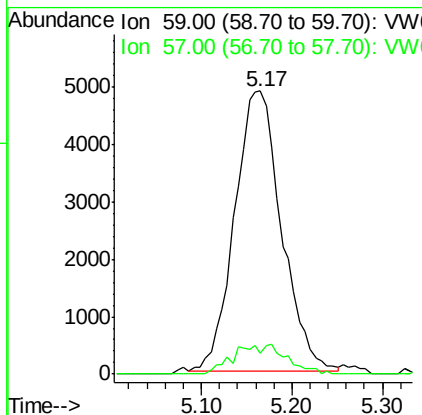
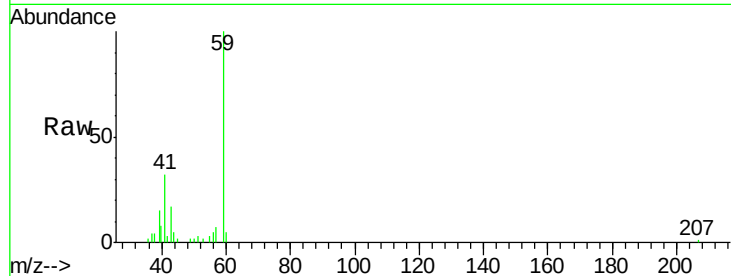
Tert butyl alcohol
Concen: 125.196 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

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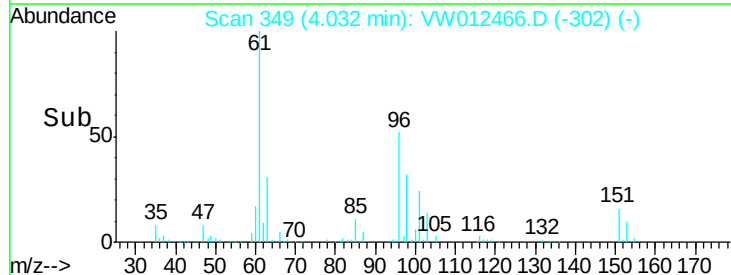
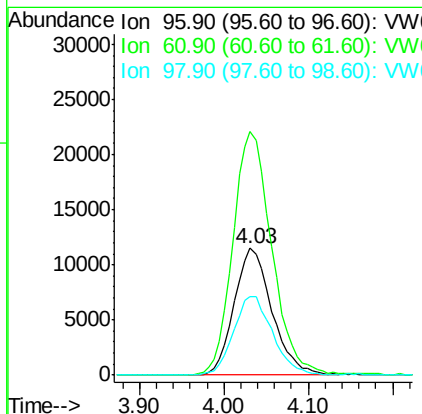
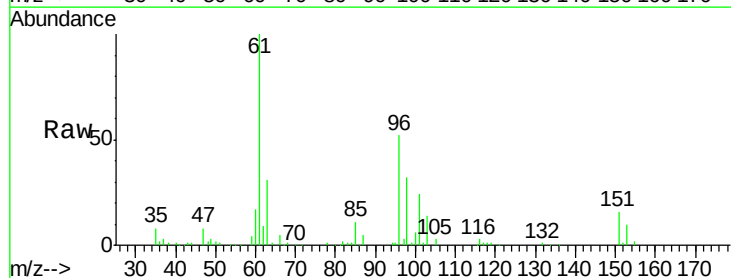
MMDadoda
9/3/2019 10:44:49 AM

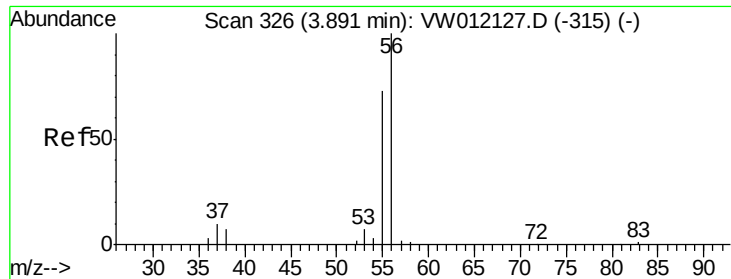


#12

1,1-Dichloroethene
Concen: 18.010 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.1	149.1	223.7
98	61.8	49.4	74.2





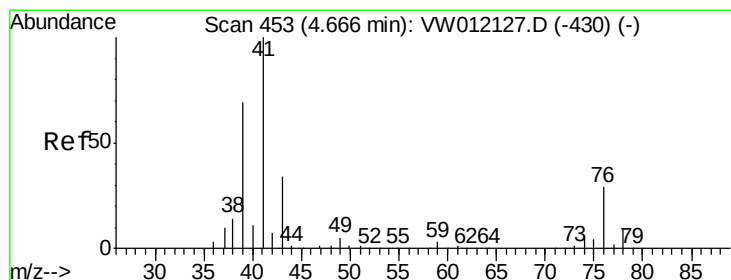
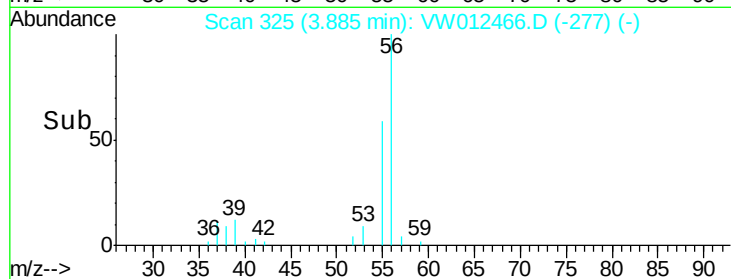
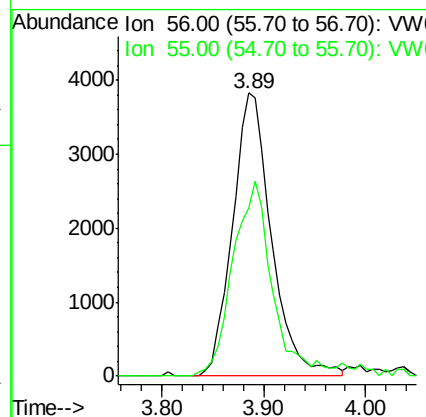
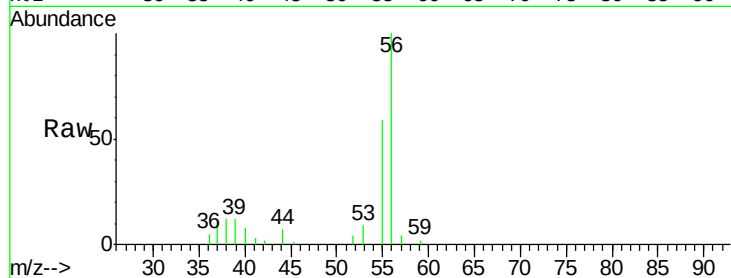
#13
 Acrolein
 Concen: 77.100 ug/l
 RT: 3.89 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.7	55.8	83.8	

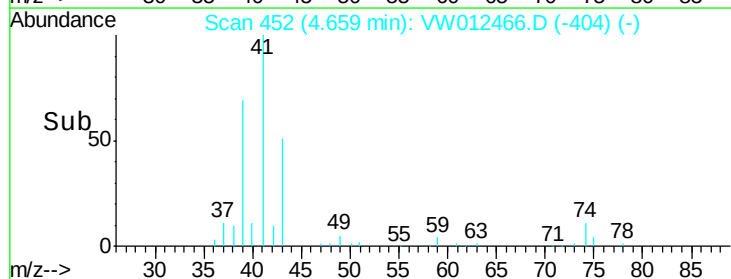
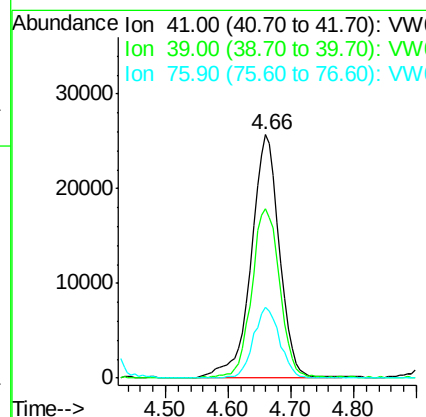
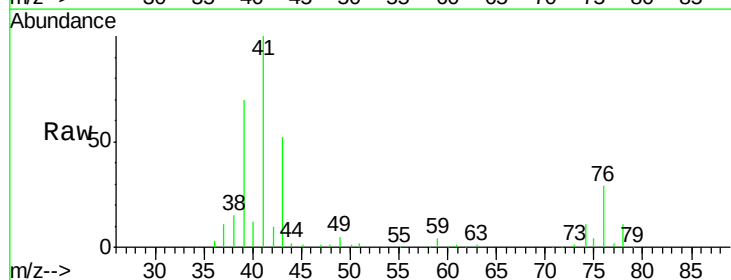
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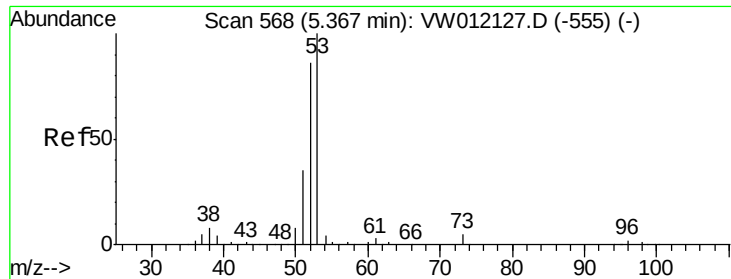
MMDadoda
 9/3/2019 10:44:49 AM



#14
 Allyl chloride
 Concen: 19.222 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	69.4	53.4	80.2	
76	26.8	22.1	33.1	





#15

Acrylonitrile

Concen: 113.622 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

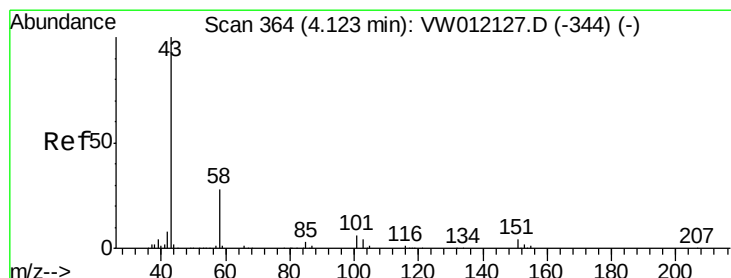
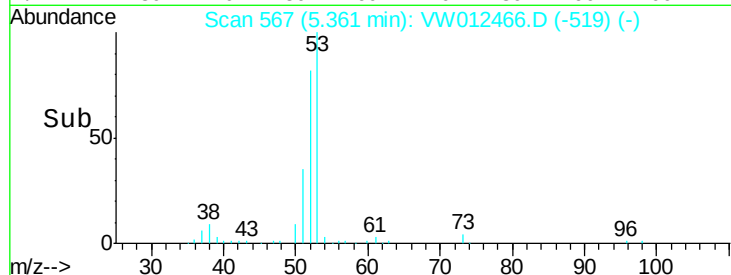
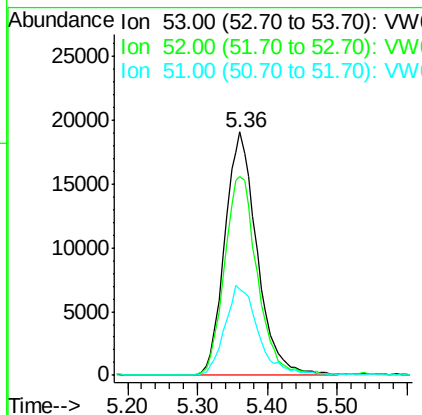
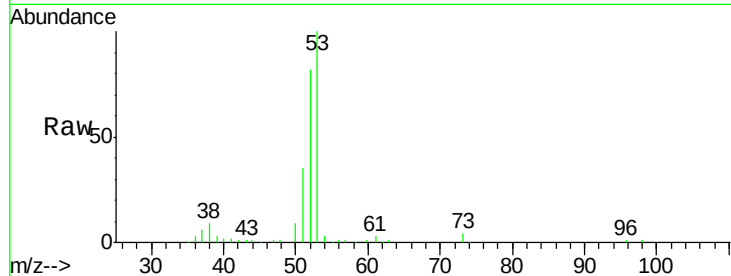
ClientSampleId :

VW0901SBS02

Tot Ion:	53	Resp:	61010
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	38.2	30.1	45.1

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#16

Acetone

Concen: 95.132 ug/l

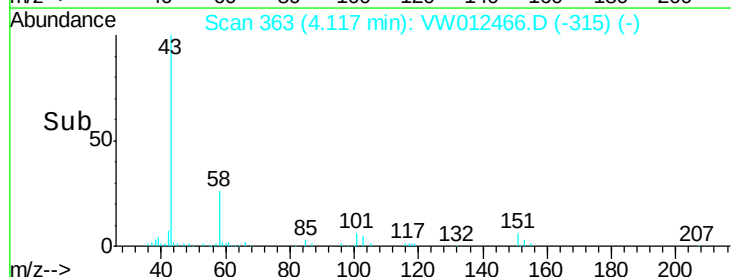
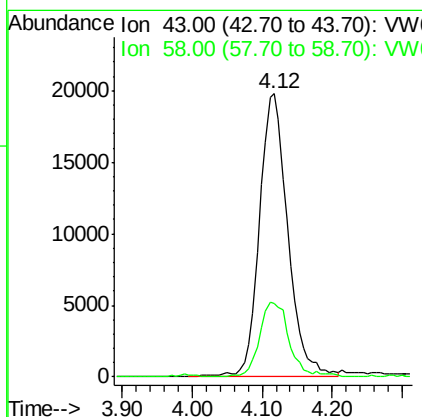
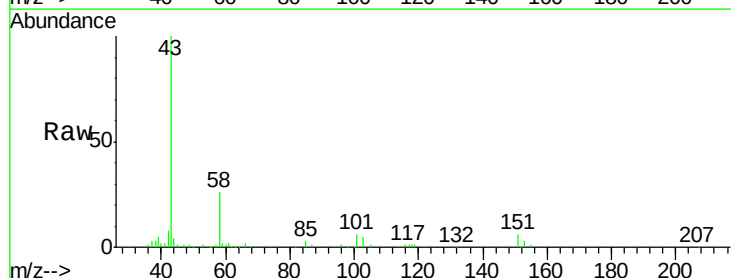
RT: 4.12 min Scan# 363

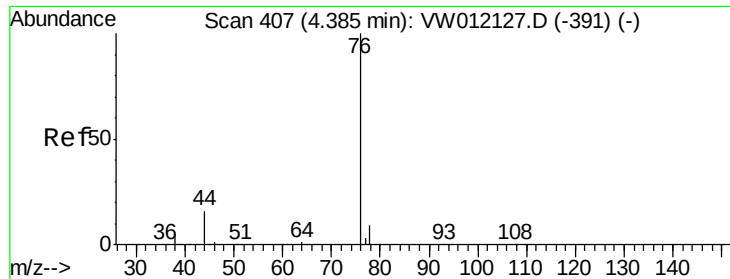
Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	43	Resp:	56274
Ion	Ratio	Lower	Upper
43	100		
58	25.5	22.4	33.6





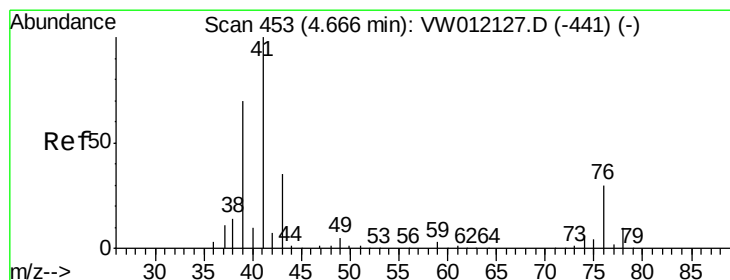
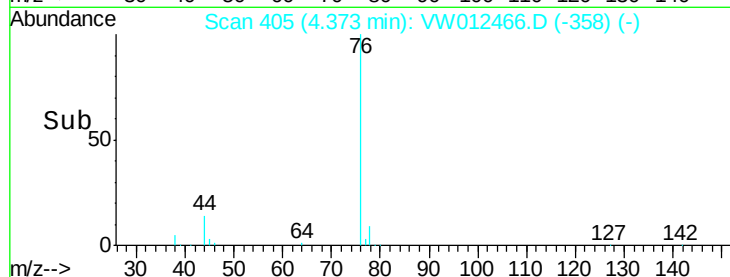
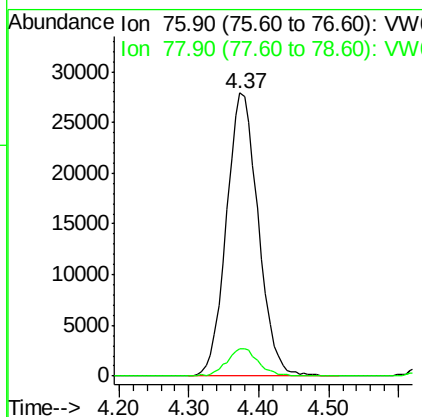
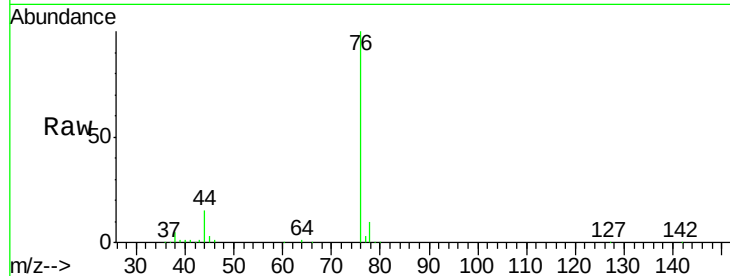
#17
Carbon Disulfide
Concen: 14.912 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	76	Resp	87998
Ion Ratio	100	Lower	Upper
76	100		
78	9.6	7.3	10.9

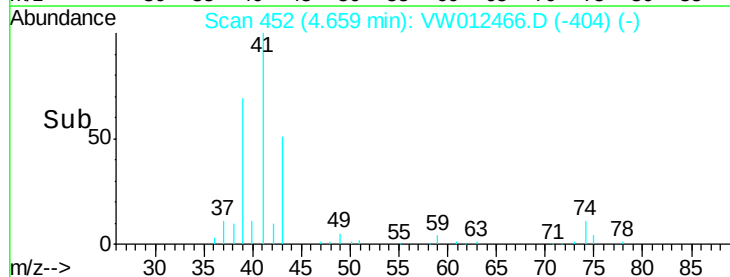
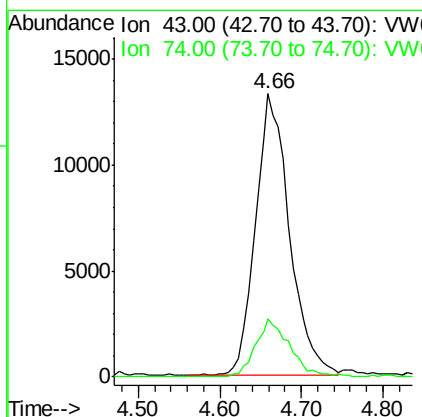
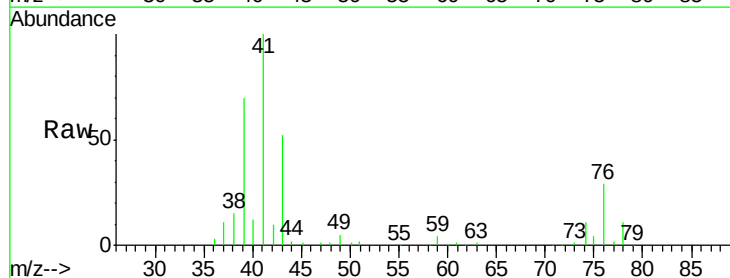
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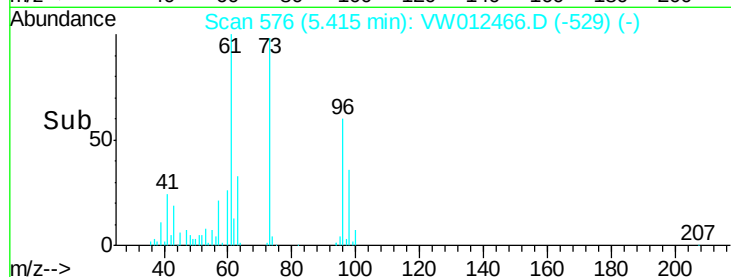
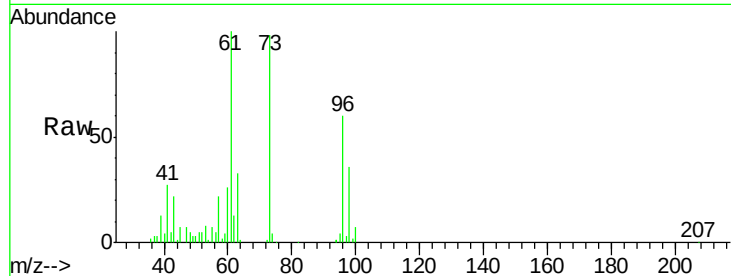
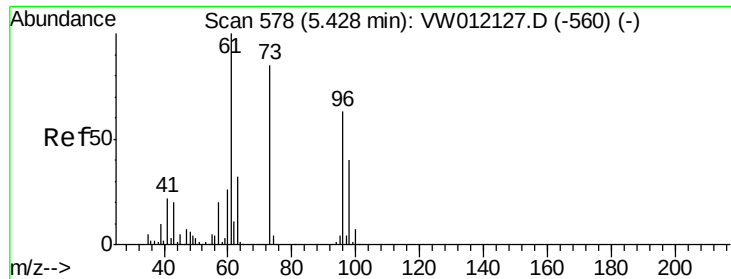
MMDadoda
9/3/2019 10:44:49 AM



#18
Methyl Acetate
Concen: 26.483 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	43	Resp	38801
Ion Ratio	100	Lower	Upper
43	100		
74	20.6	15.7	23.5





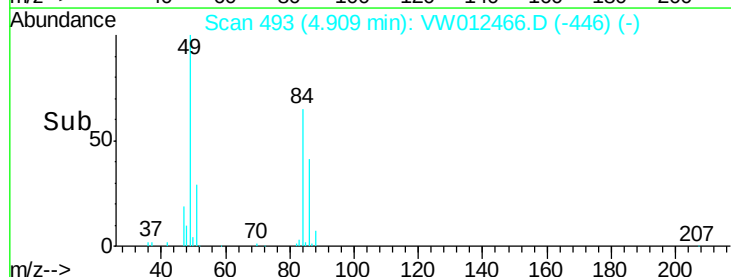
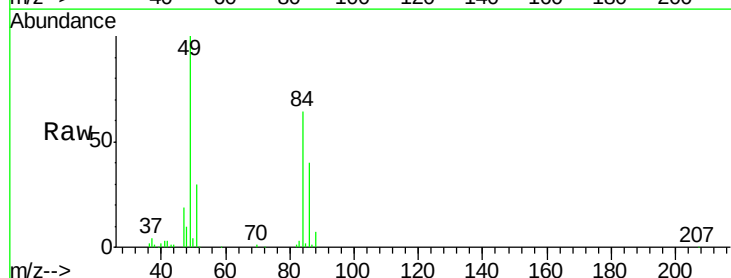
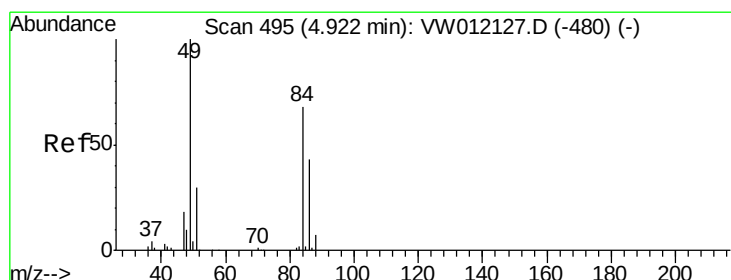
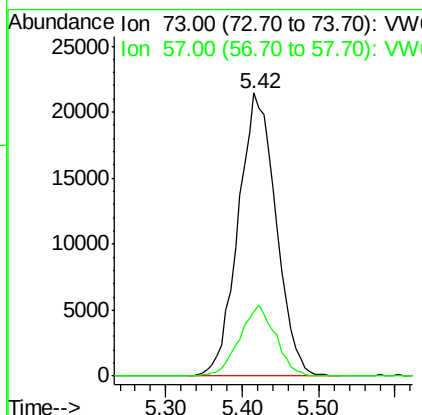
#19
Methyl tert-butyl Ether
Concen: 23.328 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tot Ion: 73 Resp: 73663
Ion Ratio Lower Upper
73 100
57 22.8 18.9 28.3

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

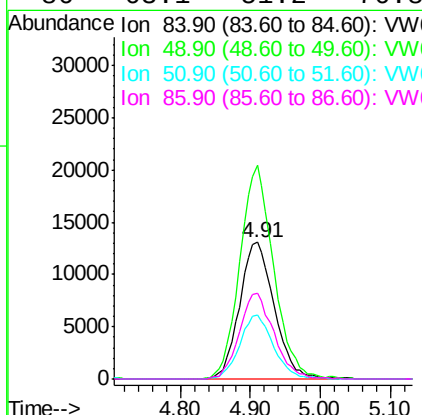
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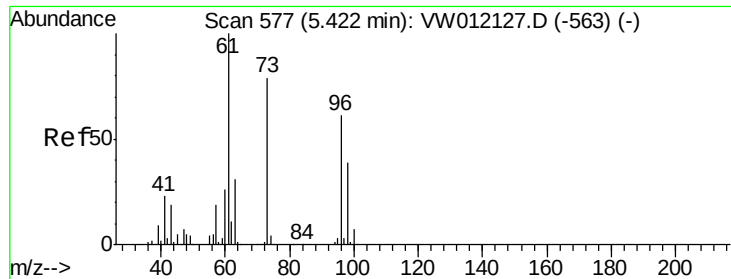
MMDadoda
9/3/2019 10:44:49 AM



#20
Methylene Chloride
Concen: 20.114 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion: 84 Resp: 44979
Ion Ratio Lower Upper
84 100
49 156.1 117.8 176.8
51 46.4 35.6 53.4
86 63.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.868 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

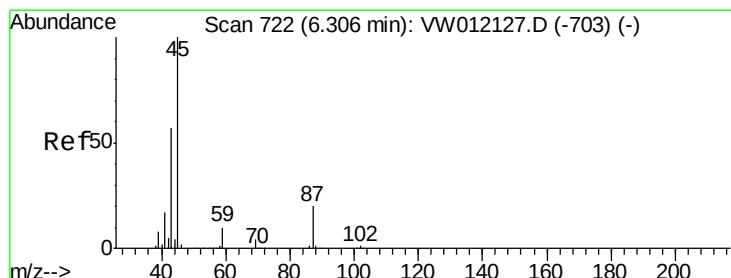
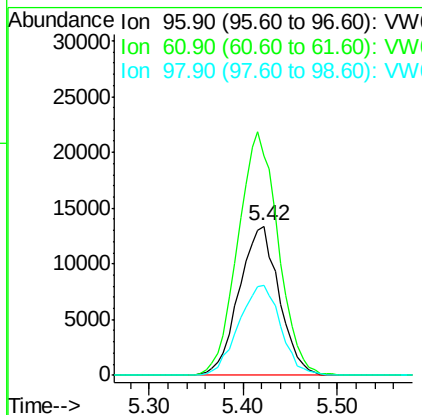
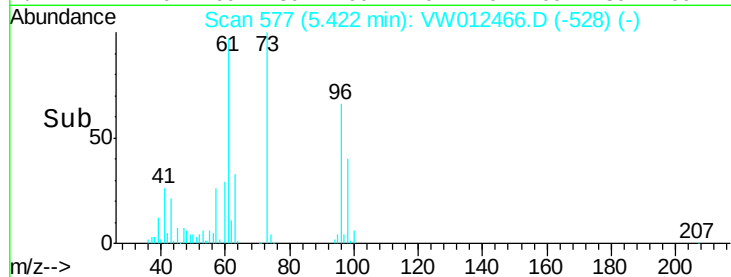
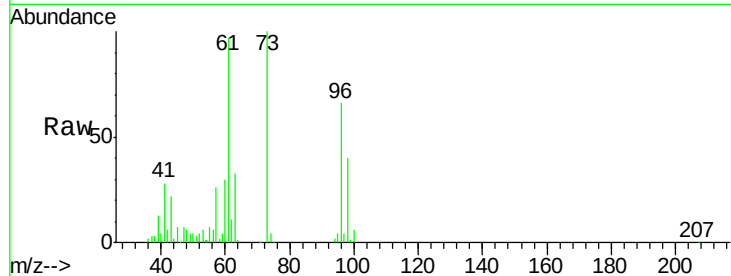
ClientSampleId :

VW0901SBS02

Tot Ion:	96	Resp:	39508
Ion	Ratio	Lower	Upper
96	100		
61	146.5	131.4	197.0
98	60.5	51.4	77.0

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 21.738 ug/l

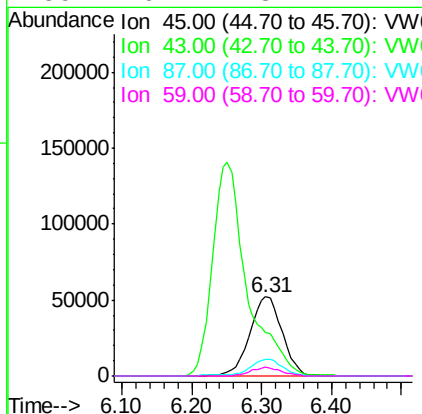
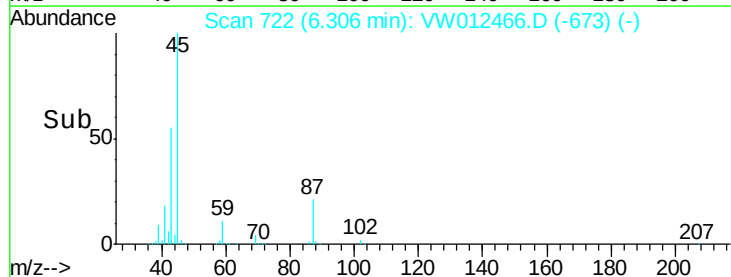
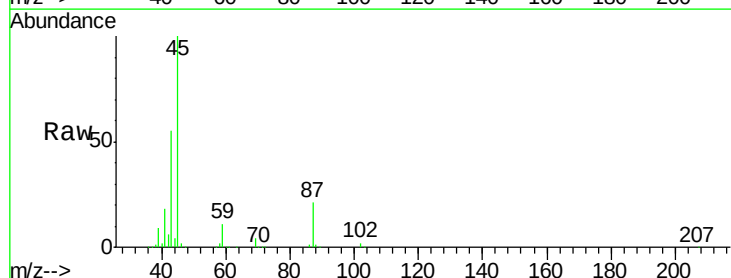
RT: 6.31 min Scan# 722

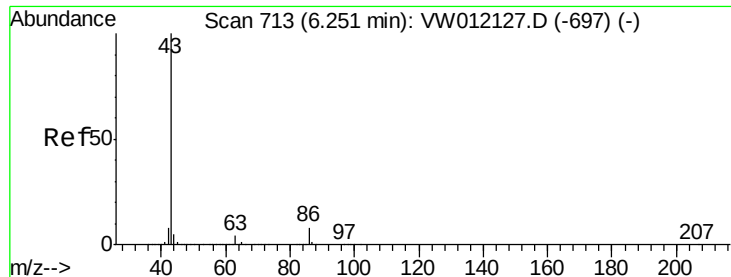
Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	45	Resp:	168201
Ion	Ratio	Lower	Upper
45	100		
43	54.5	45.5	68.3
87	20.6	16.1	24.1
59	10.7	8.2	12.2





#23

Vinyl Acetate

Concen: 100.958 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tot Ion: 43 Resp: 480743

Ion Ratio Lower Upper

43 100

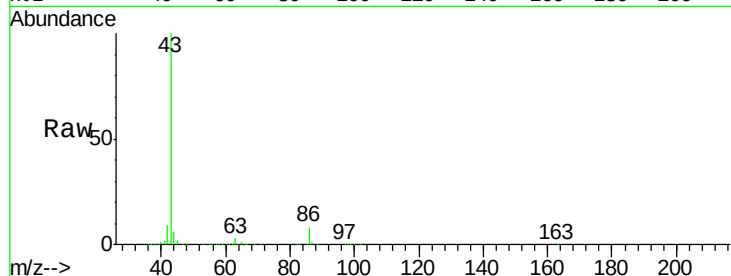
86 7.8 6.5 9.7

Manual Integrations

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9/3/2019 10:44:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

150000

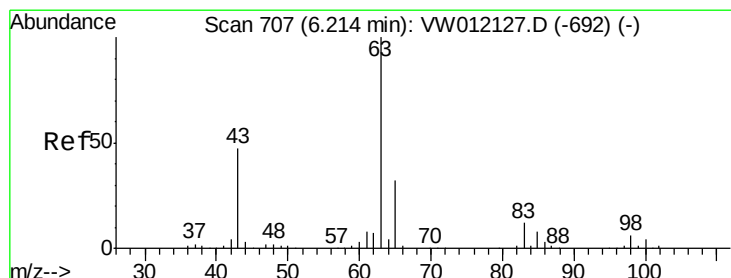
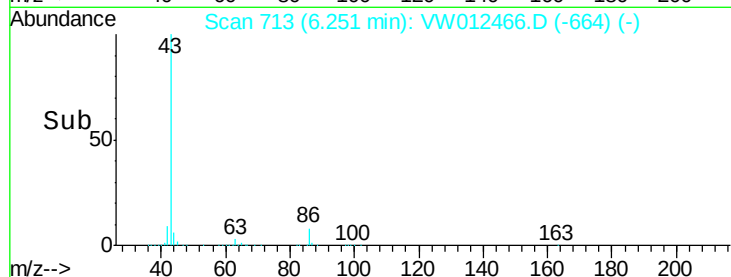
100000

50000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 20.564 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

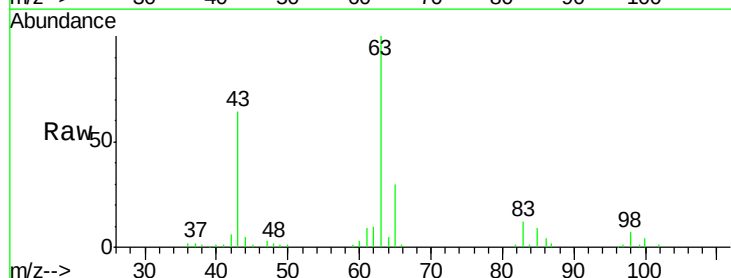
Tgt Ion: 63 Resp: 86634

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

30000

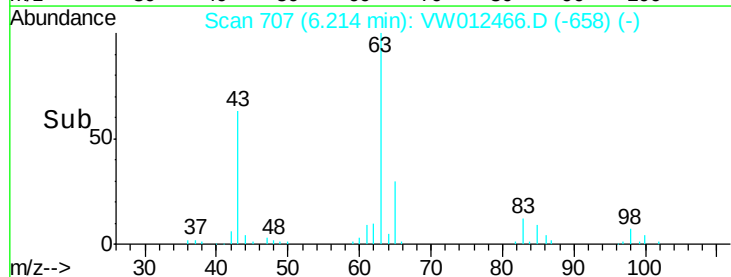
20000

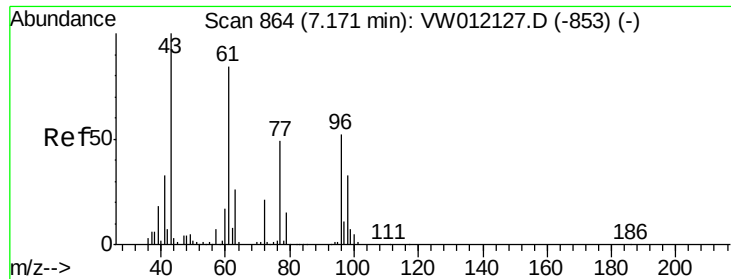
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 107.543 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tot Ion: 43 Resp: 86446

Ion Ratio Lower Upper

43 100

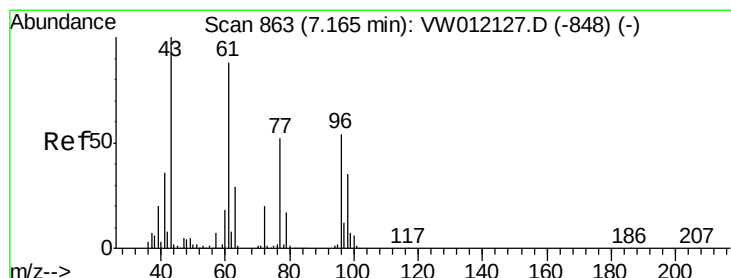
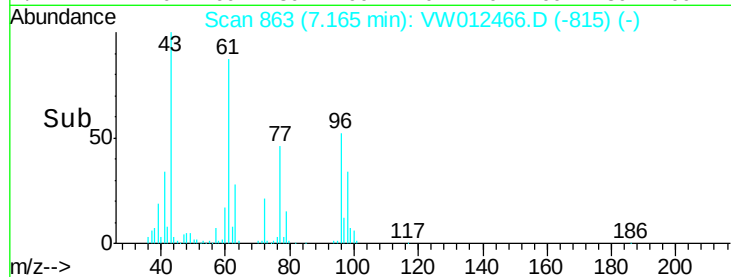
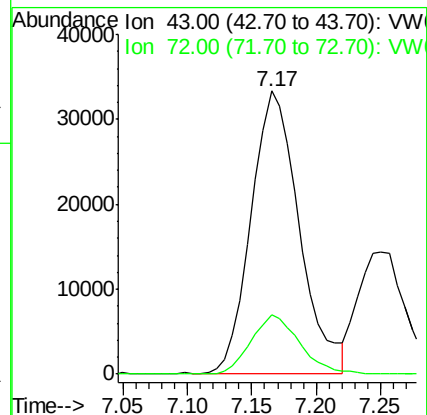
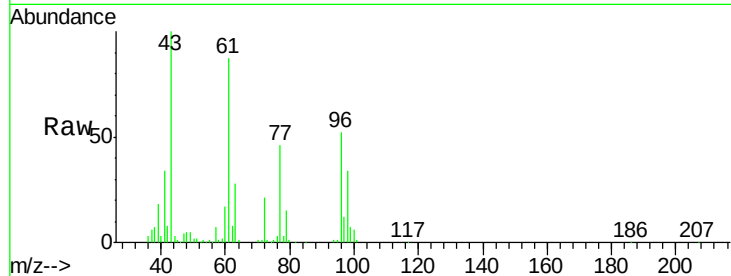
72 21.0 16.6 24.8

Manual Integrations

APPROVED

MMDadoda

9/3/2019 10:44:49 AM



#26

2,2-Dichloropropane

Concen: 19.610 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012466.D

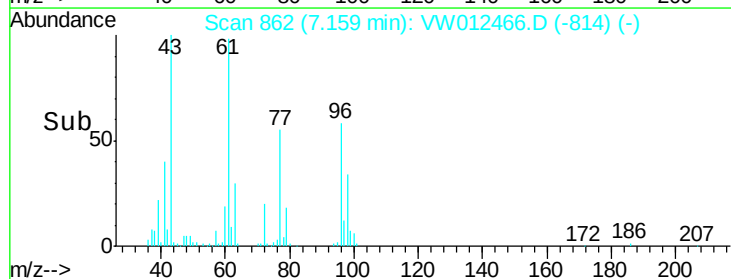
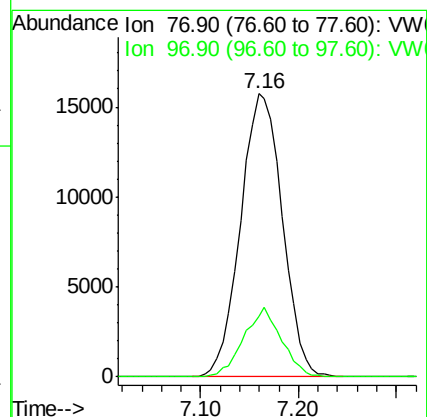
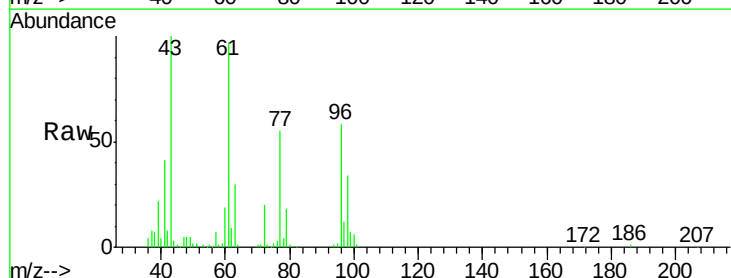
Acq: 02 Sep 2019 00:15

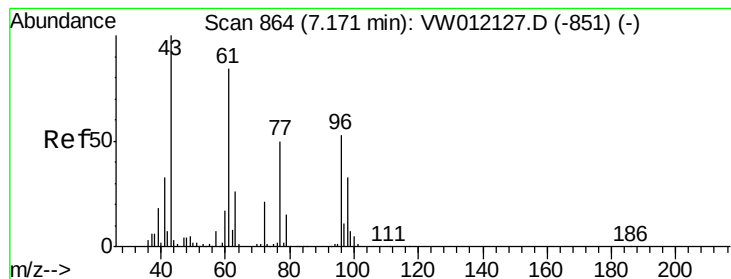
Tgt Ion: 77 Resp: 46762

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1





#27

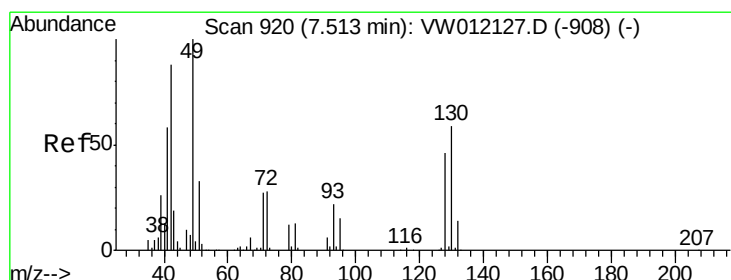
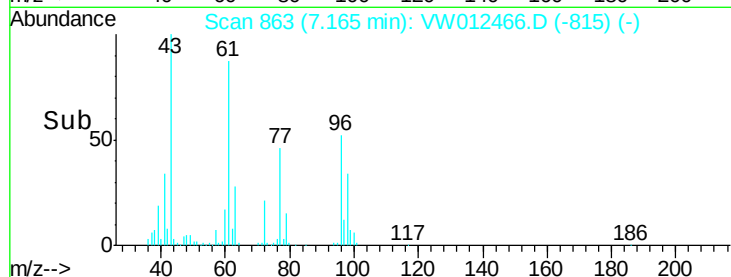
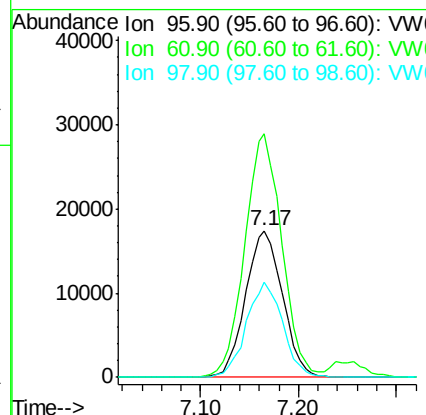
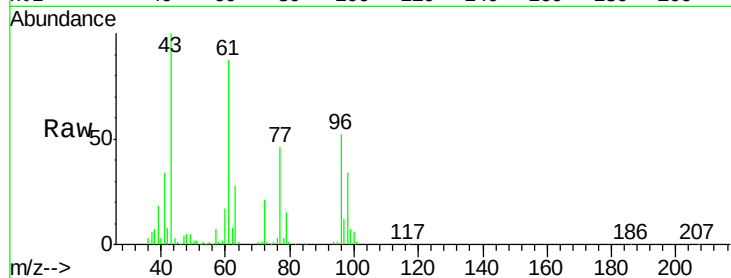
cis-1,2-Dichloroethene
 Concen: 20.448 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.2	0.0	326.6
98	63.5	0.0	127.4

Manual Integrations
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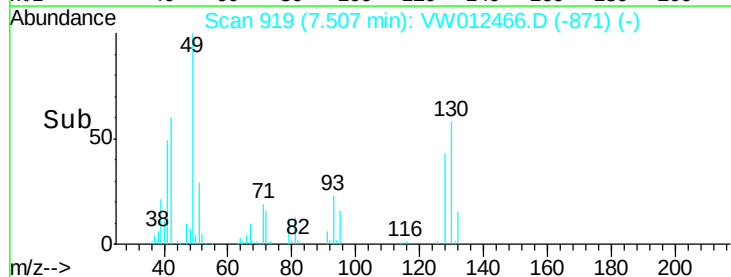
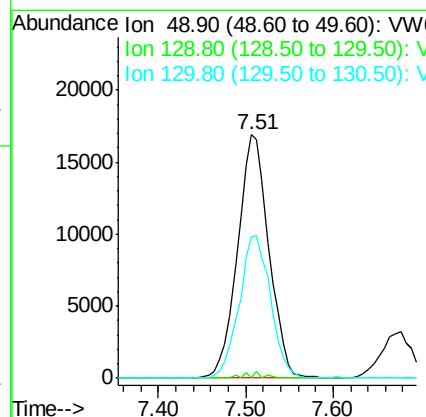
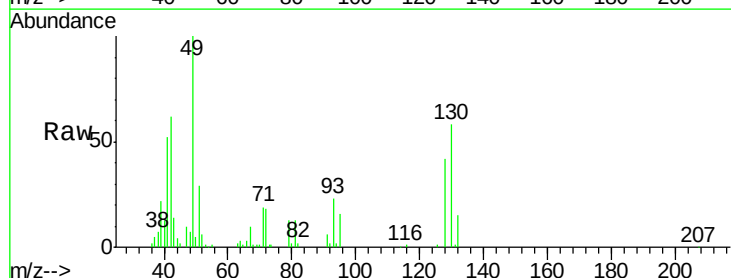
MMDadoda
 9/3/2019 10:44:49 AM

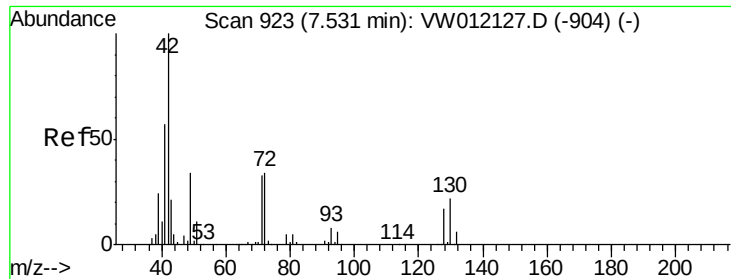


#28

Bromochloromethane
 Concen: 22.865 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.4
130	58.2	45.5	68.3





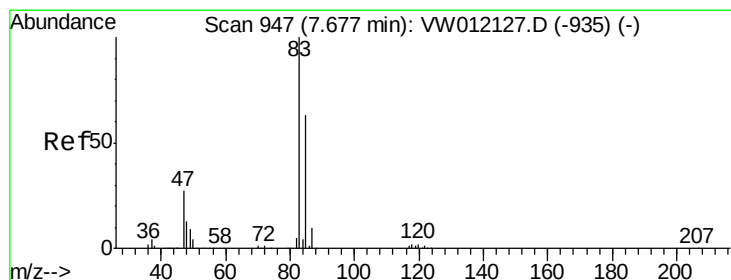
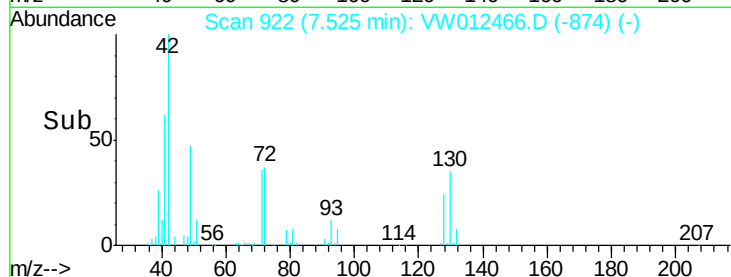
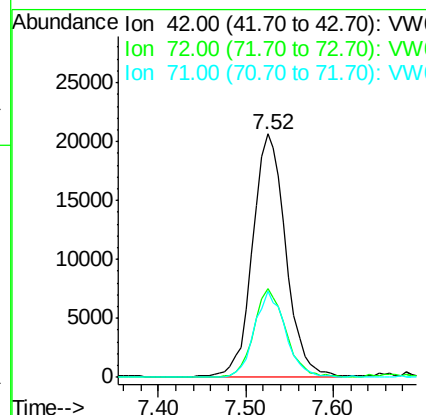
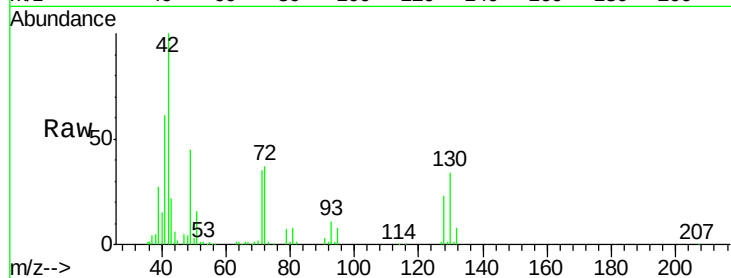
#29
Tetrahydrofuran
Concen: 112.949 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion:	42	Resp:	54471
Ion	Ratio	Lower	Upper
42	100		
72	35.2	27.3	40.9
71	33.1	25.5	38.3

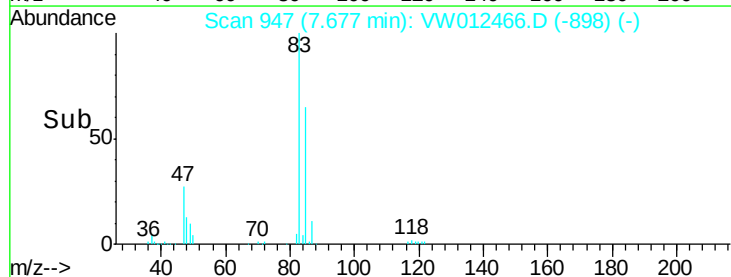
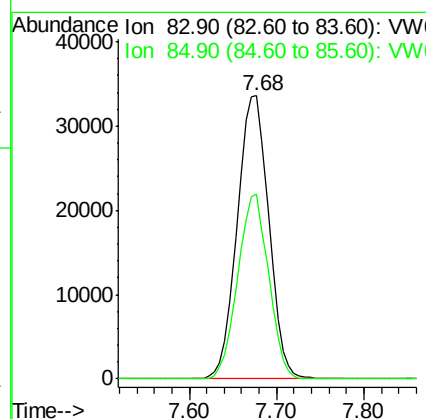
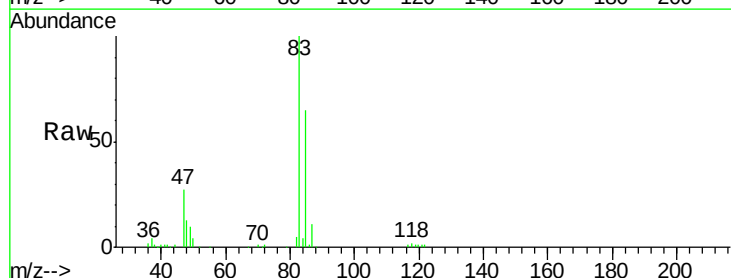
Manual Integrations
APPROVED

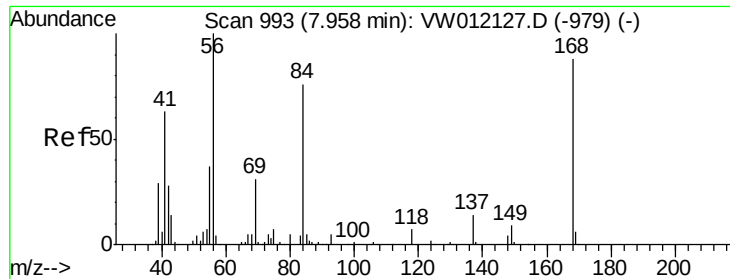
MMDadoda
9/3/2019 10:44:49 AM



#30
Chloroform
Concen: 21.882 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion:	83	Resp:	84344
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.6	76.0





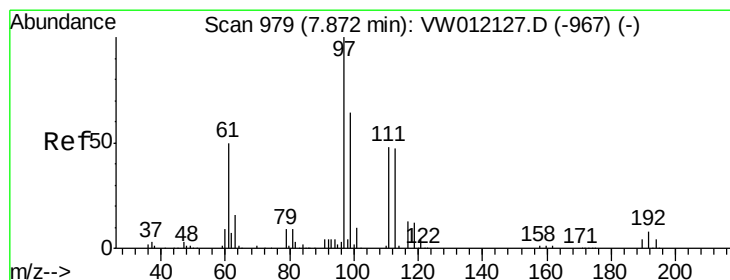
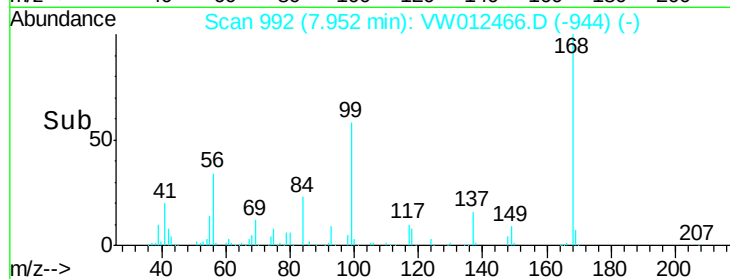
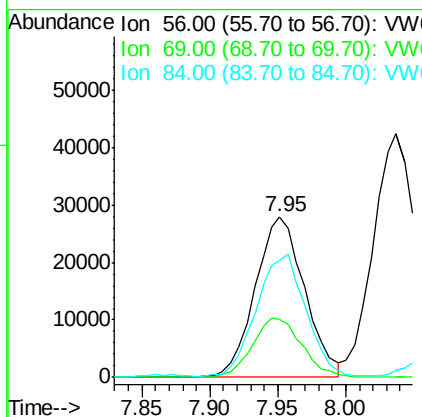
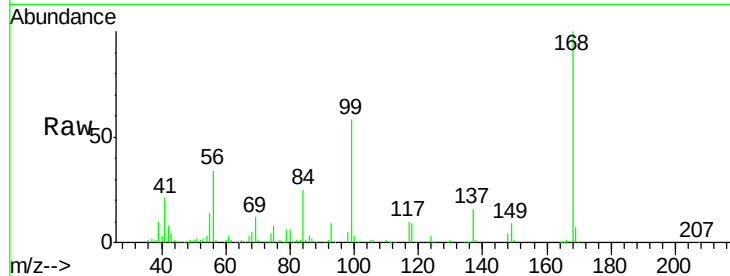
#31
Cyclohexane
Concen: 17.014 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampled :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	24.9	37.3
84	71.8	60.6	90.8

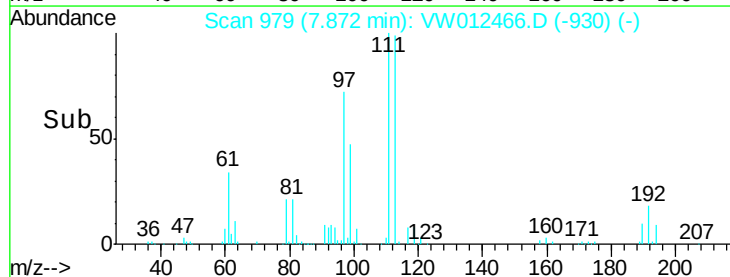
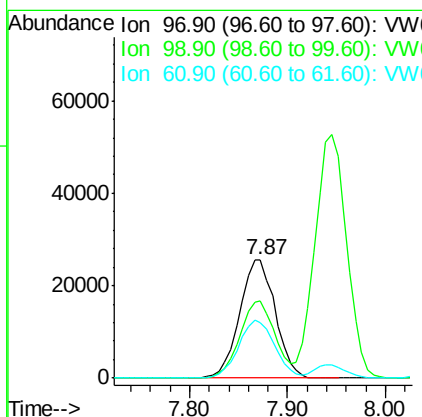
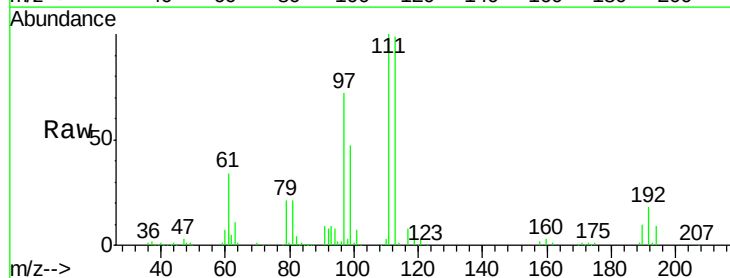
Manual Integrations
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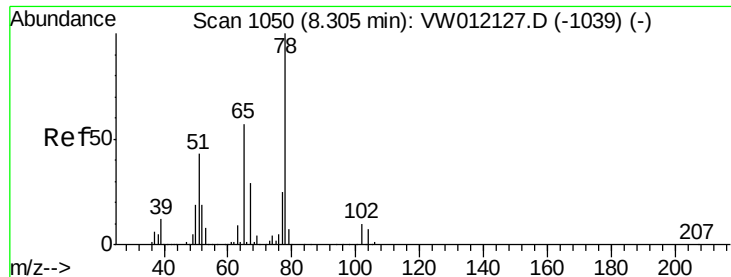
MMDadoda
9/3/2019 10:44:49 AM



#32
1,1,1-Trichloroethane
Concen: 21.202 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	49.9	39.5	59.3





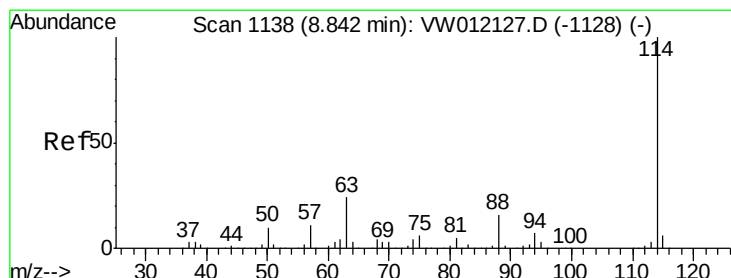
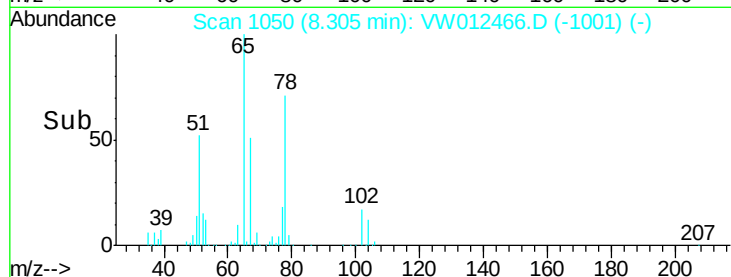
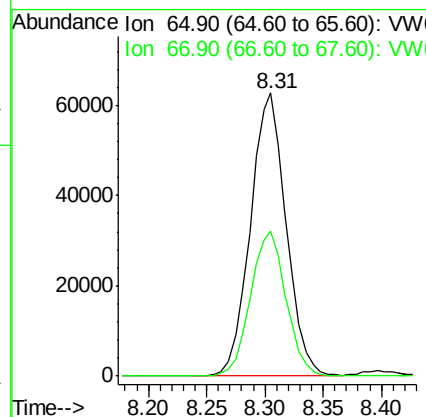
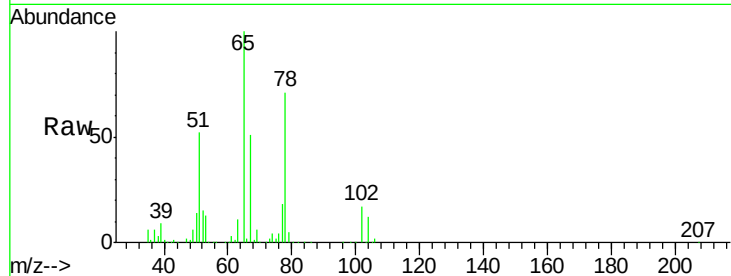
#33
 1,2-Dichloroethane-d4
 Concen: 57.866 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133909		
67	51.1	0.0	102.6	

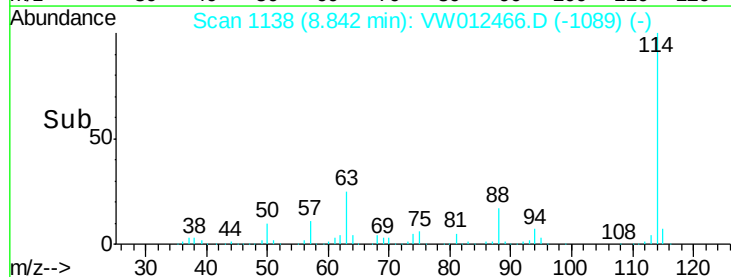
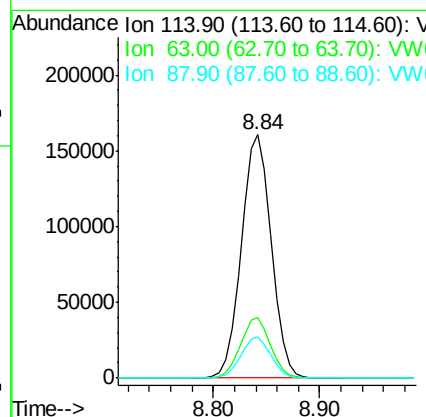
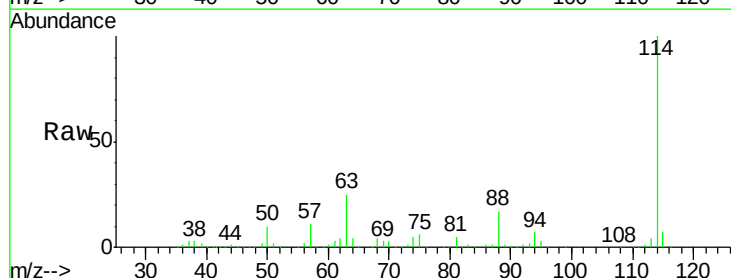
Manual Integrations
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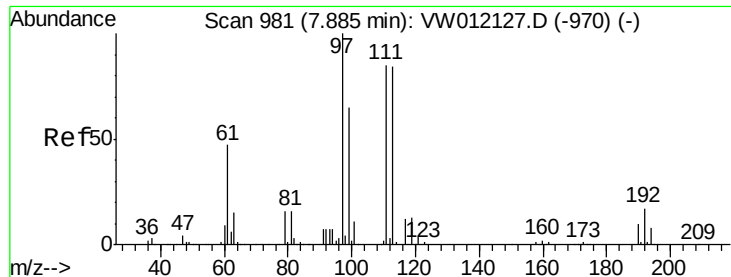
MMDadoda
 9/3/2019 10:44:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	316801		
63	24.7	0.0	48.6	
88	17.0	0.0	32.2	





#35

Dibromofluoromethane

Concen: 53.342 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

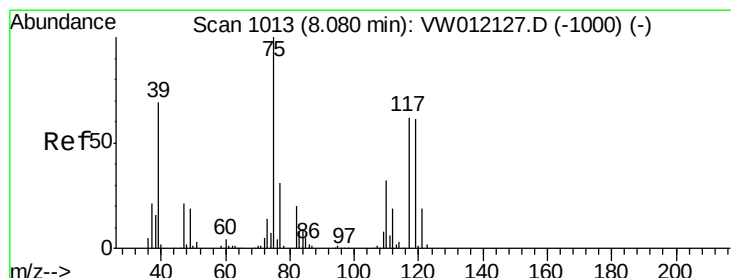
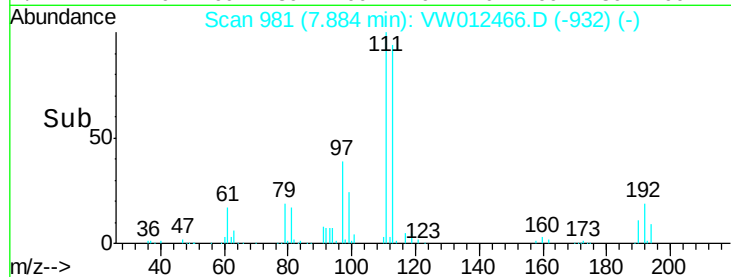
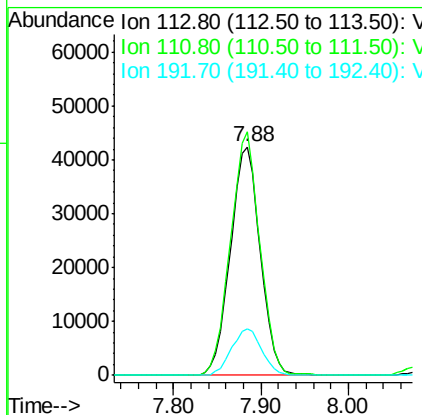
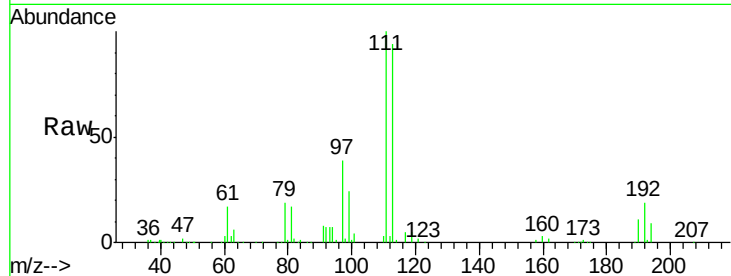
ClientSampleId :

VW0901SBS02

Tot Ion:	113	Resp:	100869
Ion Ratio	Lower	Upper	
113	100		
111	104.7	82.7	124.1
192	20.7	16.2	24.2

Manual Integrations
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9/3/2019 10:44:49 AM



#36

1,1-Dichloropropene

Concen: 18.990 ug/l

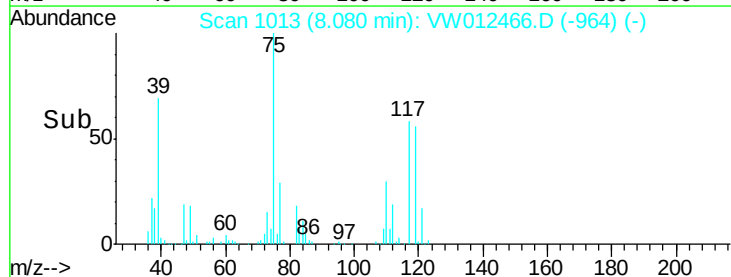
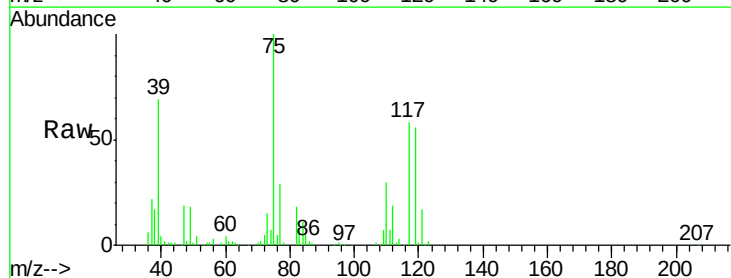
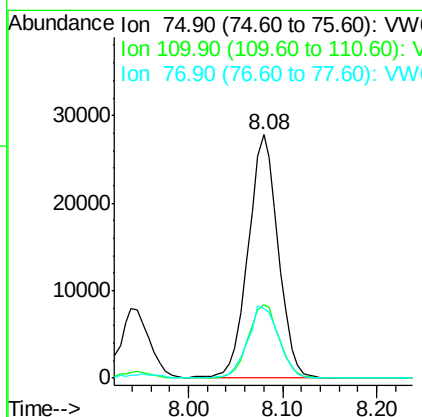
RT: 8.08 min Scan# 1013

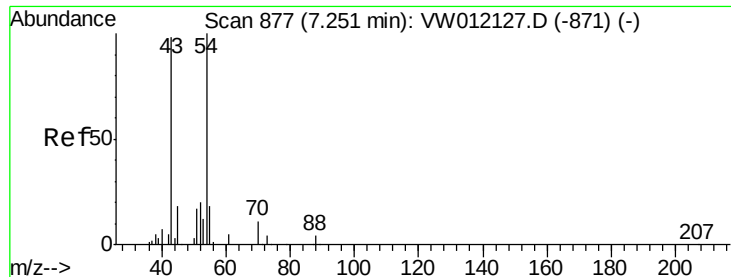
Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	75	Resp:	62169
Ion Ratio	Lower	Upper	
75	100		
110	31.3	15.6	46.8
77	30.8	24.6	36.8





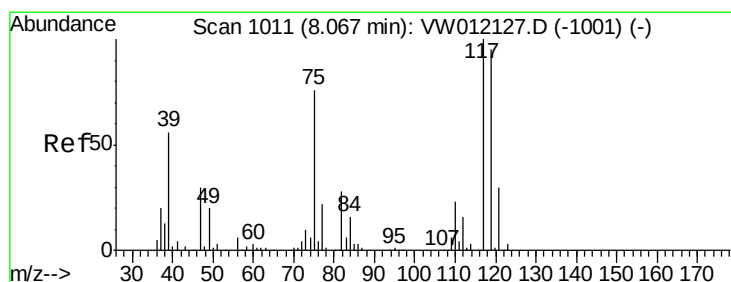
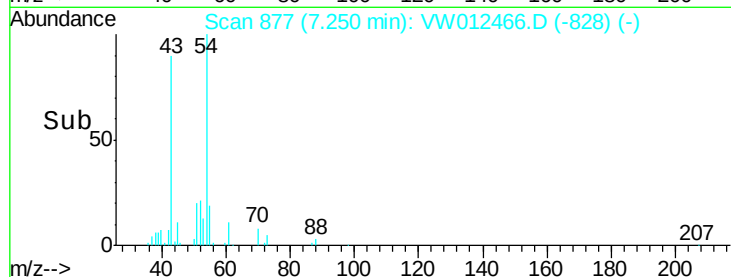
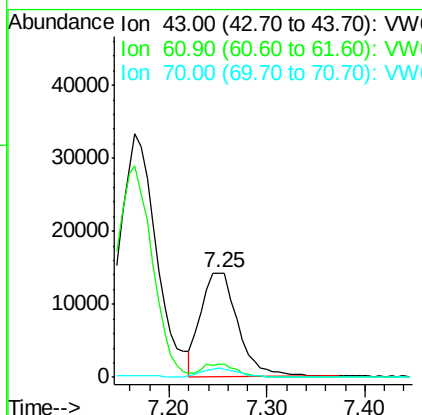
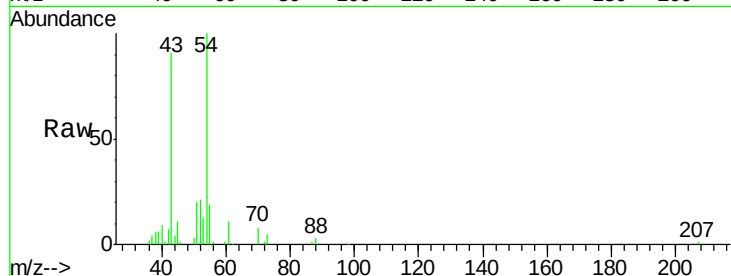
#37
Ethyl Acetate
Concen: 20.911 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampled :
VW0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.1	9.2	13.8	
70	8.9	6.9	10.3	

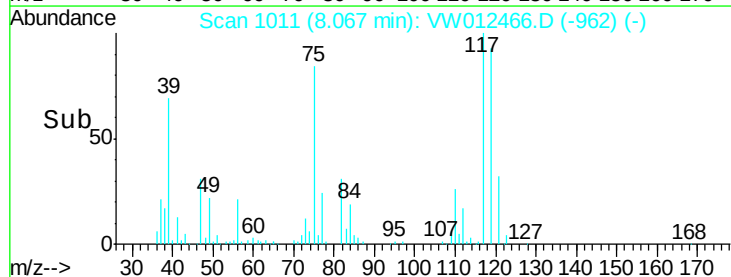
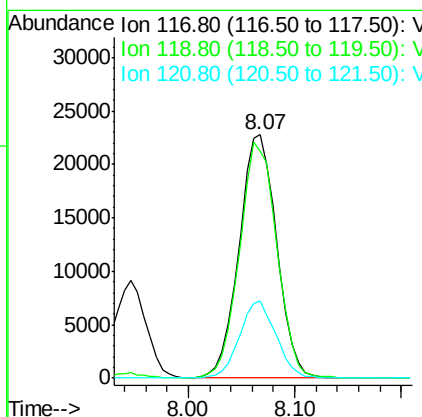
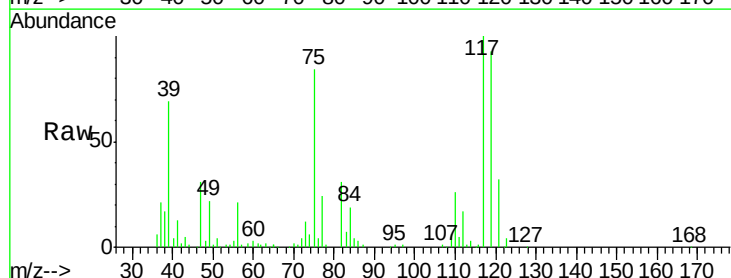
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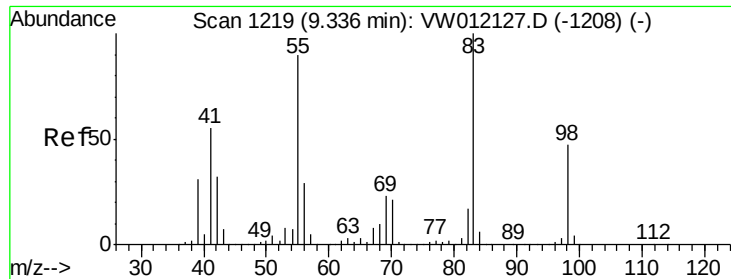
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9/3/2019 10:44:49 AM



#38
Carbon Tetrachloride
Concen: 19.948 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	76.2	114.2	
121	31.8	23.8	35.8	





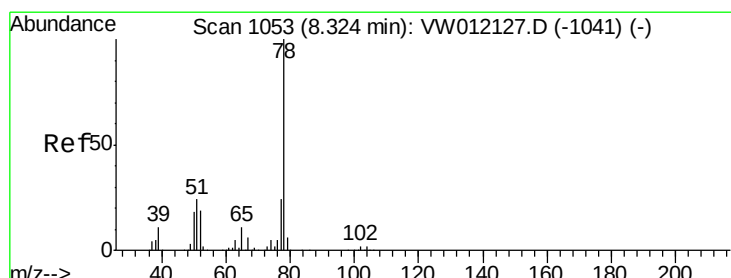
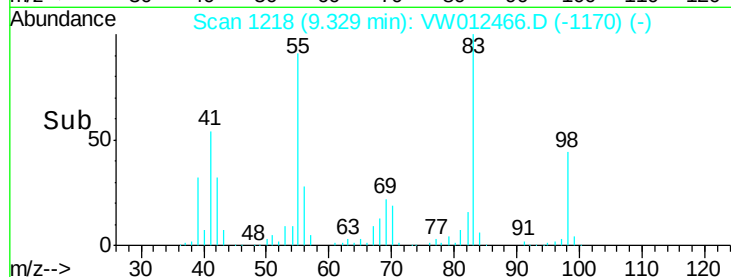
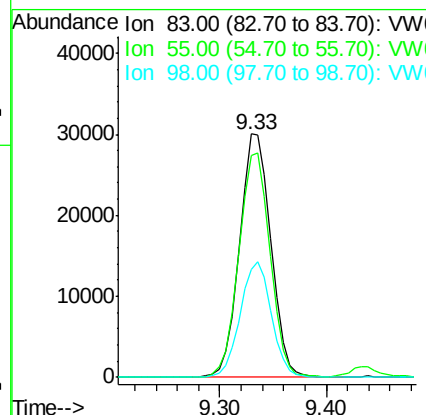
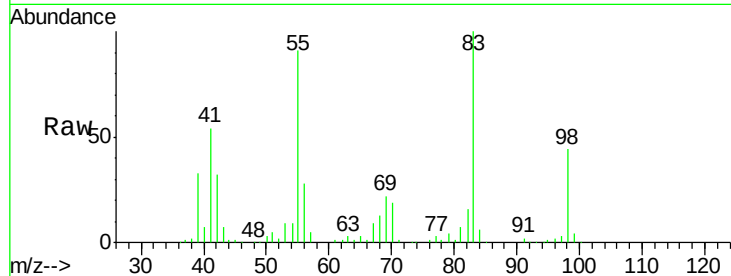
#39
Methylvlcyclohexane
Concen: 16.948 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.7	71.8	107.8
98	44.2	37.8	56.8

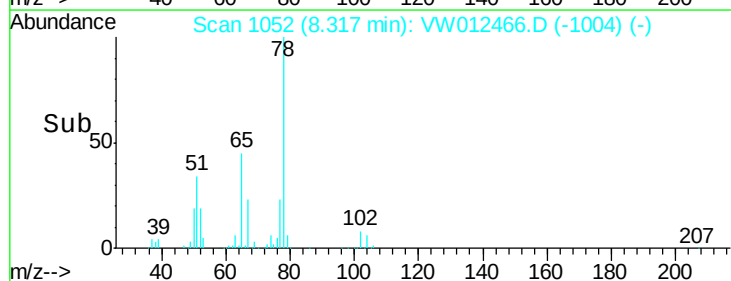
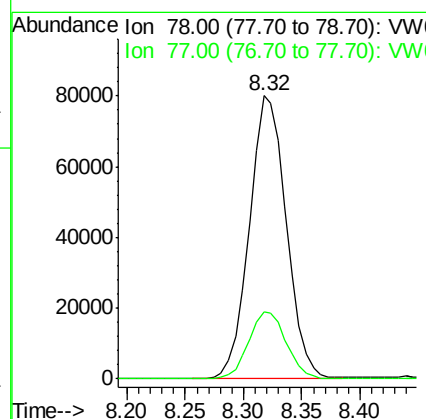
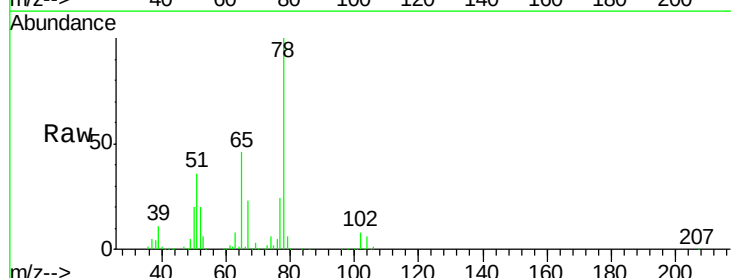
Manual Integrations
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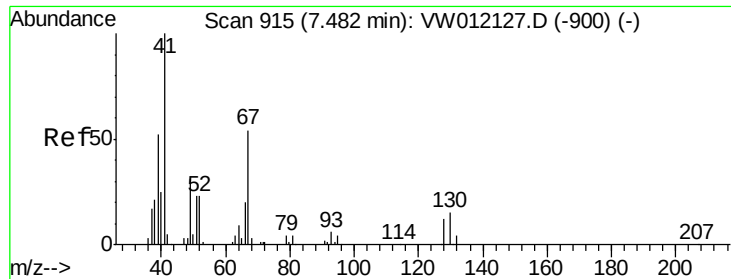
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#40
Benzene
Concen: 19.845 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





#41

Methacrylonitrile

Concen: 23.370 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

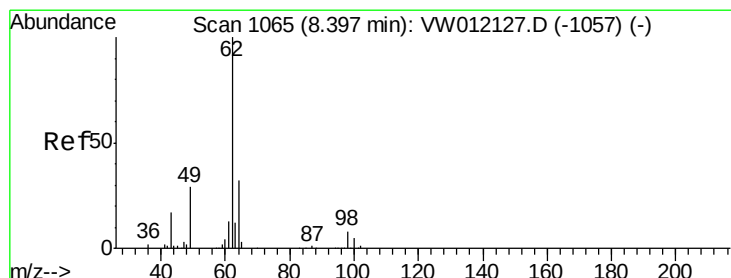
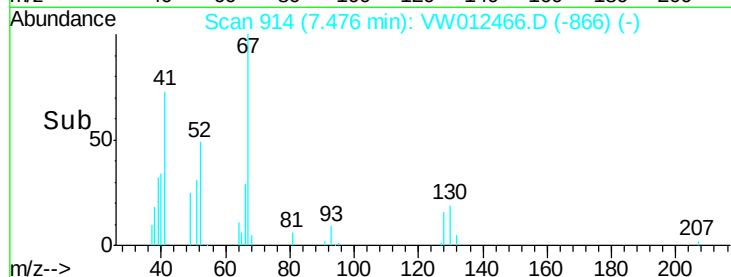
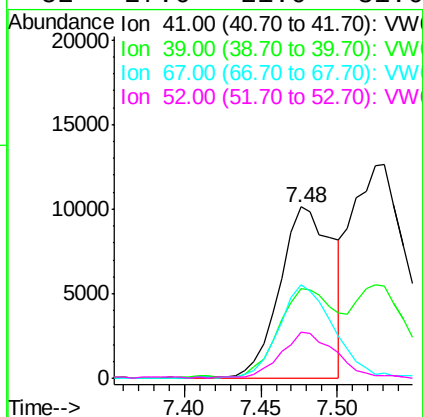
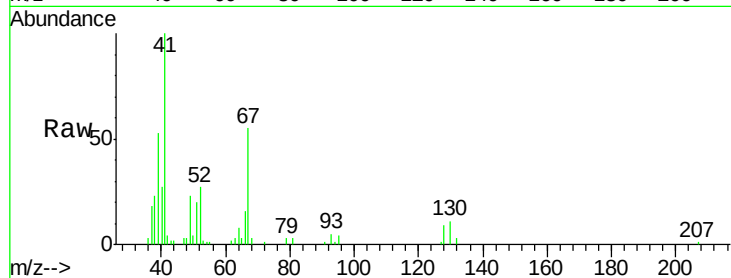
ClientSampleId :

VW0901SBS02

Tot Ion	41	Resp	24641
Ion Ratio	Lower	Upper	
41	100		
39	58.1	45.8	68.8
67	56.5	46.2	69.4
52	27.6	21.0	31.6

Manual Integrations
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9/3/2019 10:44:49 AM



#42

1,2-Dichloroethane

Concen: 22.576 ug/l

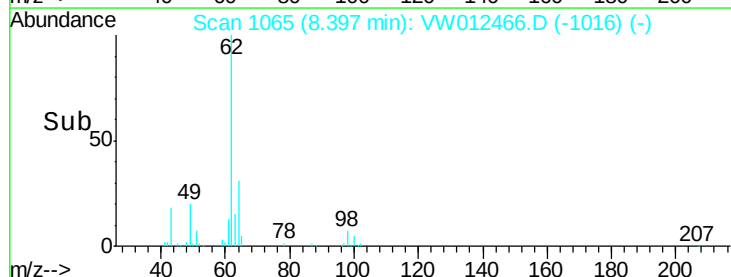
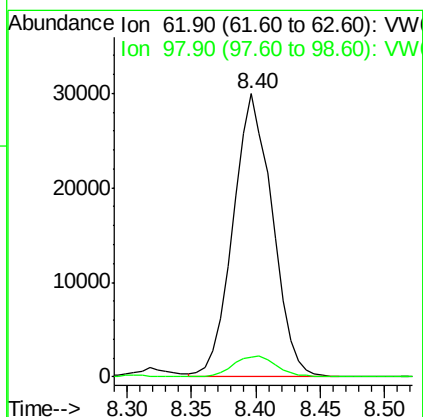
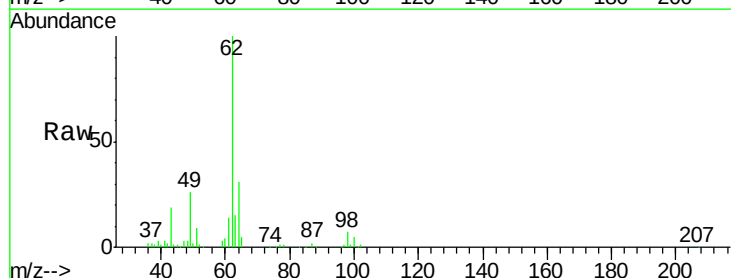
RT: 8.40 min Scan# 1065

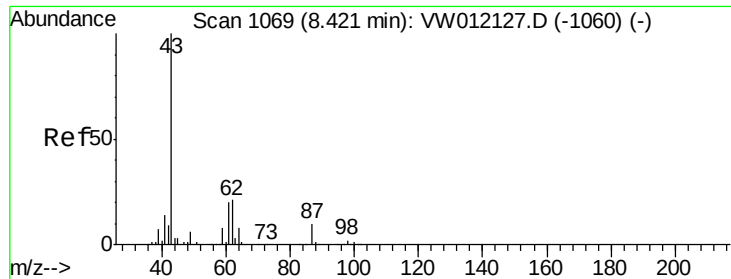
Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion	62	Resp	63250
Ion Ratio	Lower	Upper	
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 21.182 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

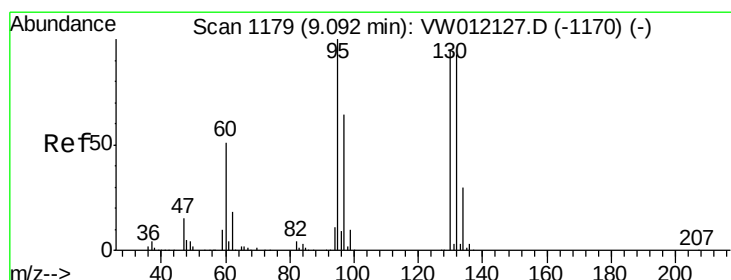
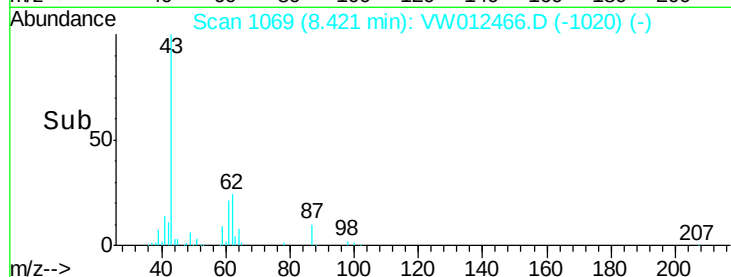
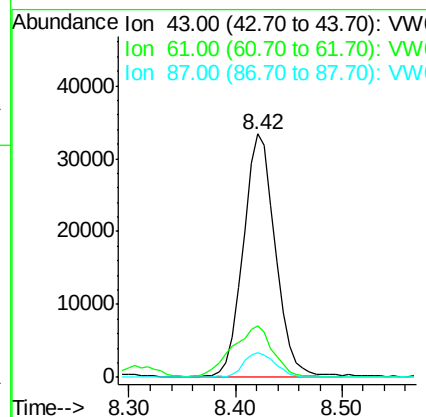
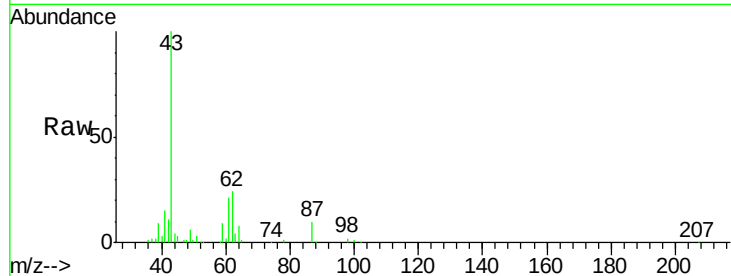
ClientSampleId :

VW0901SBS02

Tot Ion:	43	Resp:	70388
Ion	Ratio	Lower	Upper
43	100		
61	27.0	21.1	31.7
87	10.3	8.2	12.2

Manual Integrations
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MMDadoda
9/3/2019 10:44:49 AM



#44

Trichloroethene

Concen: 19.862 ug/l

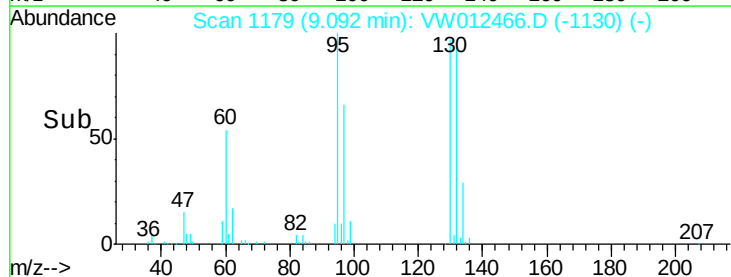
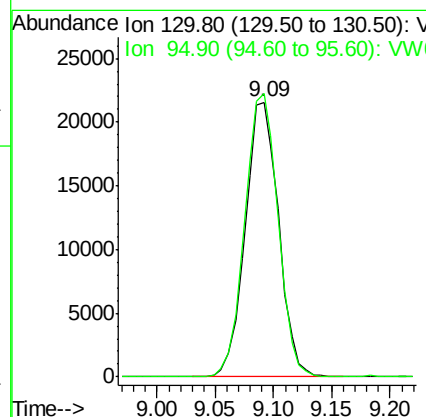
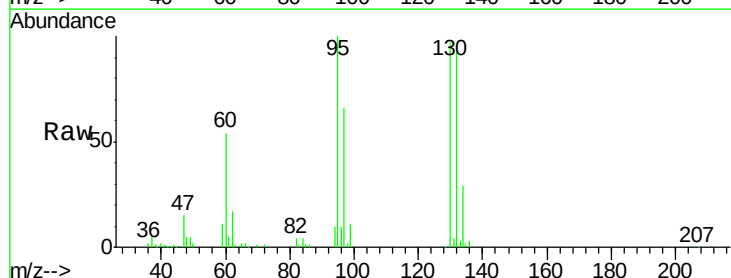
RT: 9.09 min Scan# 1179

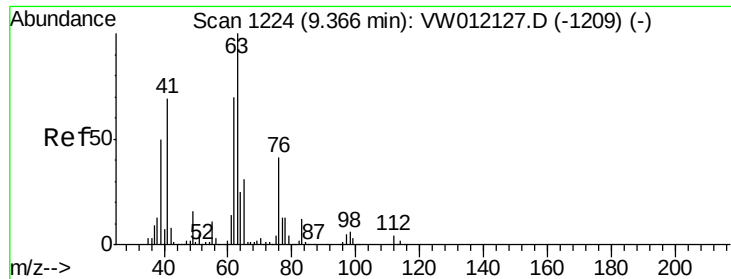
Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	130	Resp:	43162
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	210.6





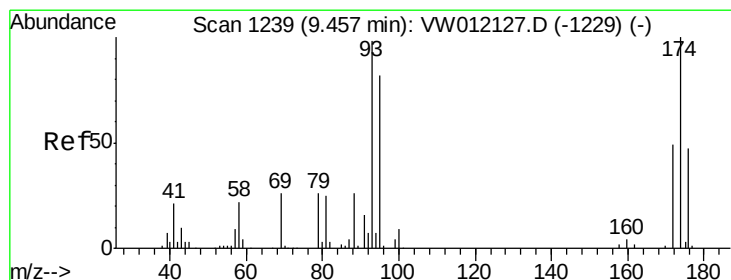
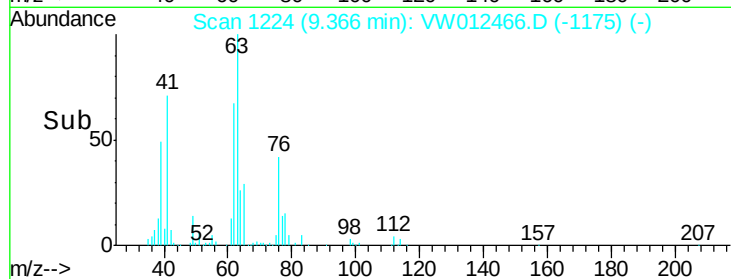
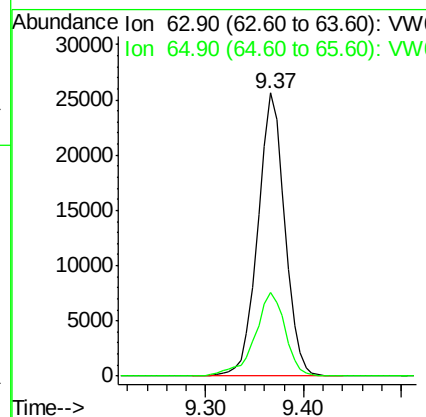
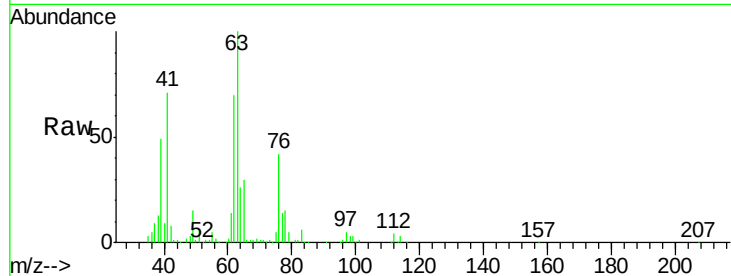
#45
 1,2-Dichloropropane
 Concen: 20.387 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion: 63 Resp: 49048
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.4

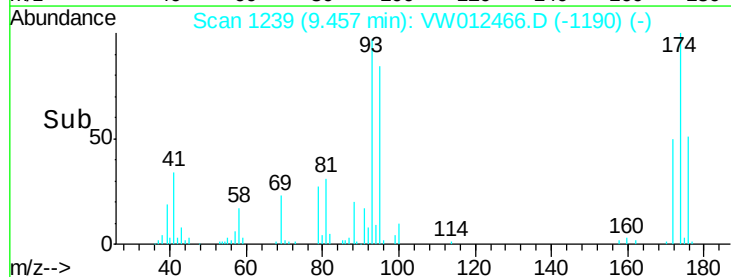
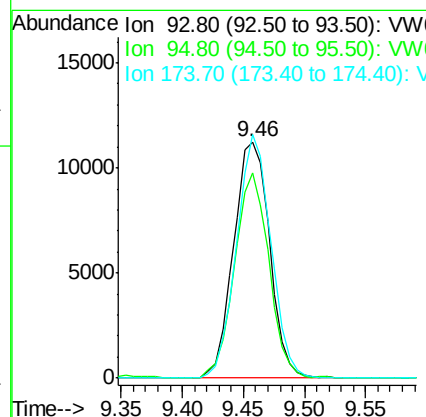
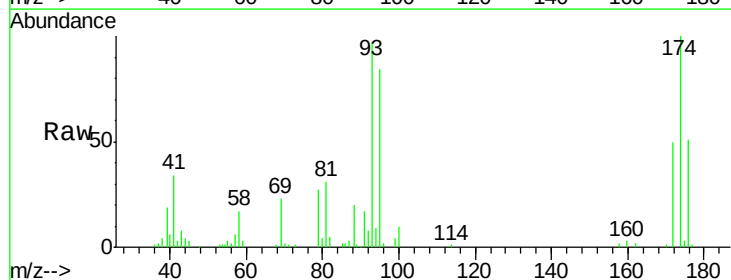
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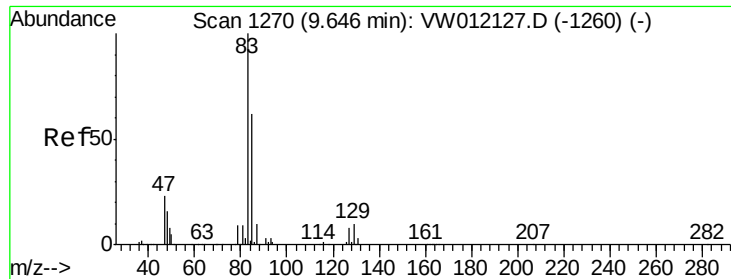
MMDadoda
 9/3/2019 10:44:49 AM



#46
 Dibromomethane
 Concen: 21.329 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 93 Resp: 22831
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.2 100.8
 174 98.7 79.0 118.6





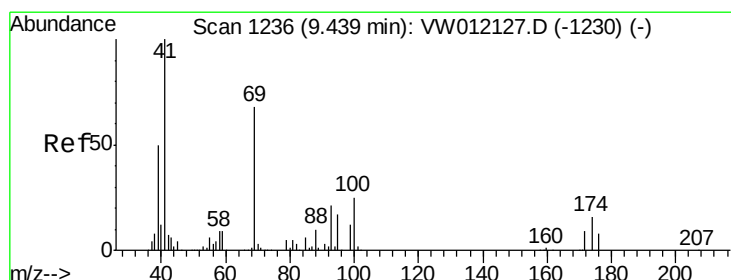
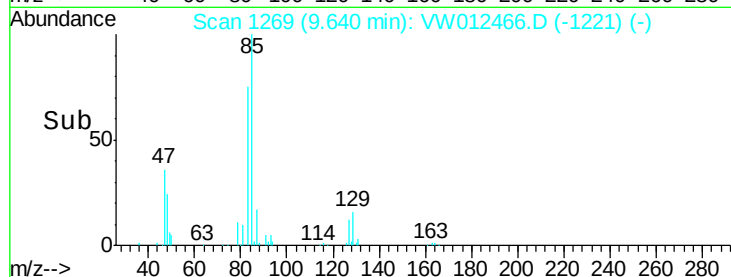
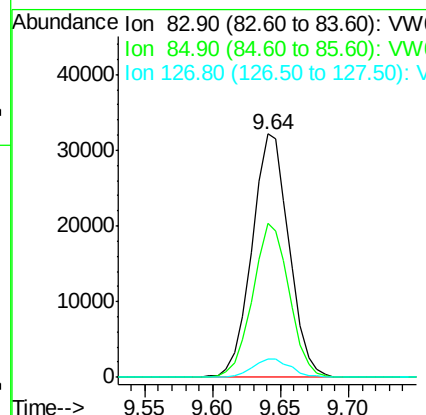
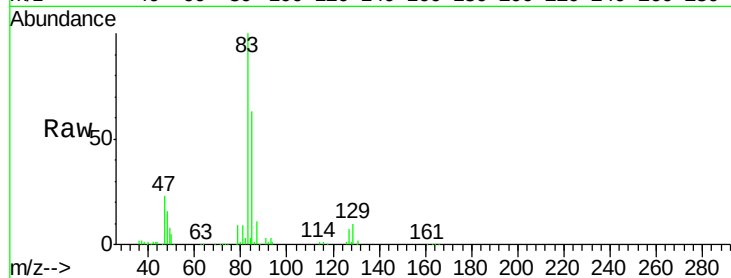
#47
 Bromodichloromethane
 Concen: 21.511 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	83	Resp	61282
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	49.4	74.2
127	7.5	6.1	9.1

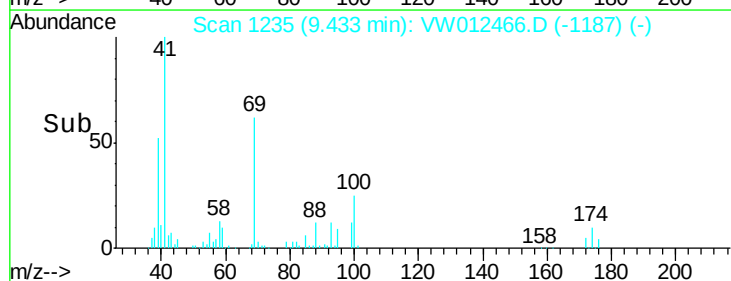
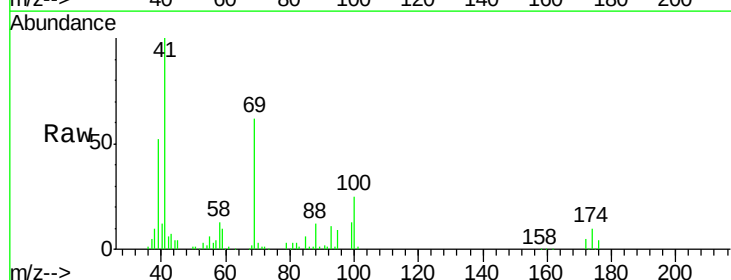
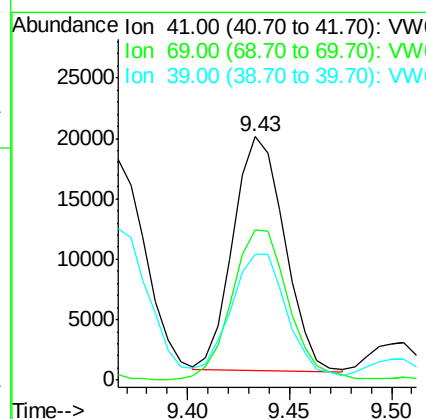
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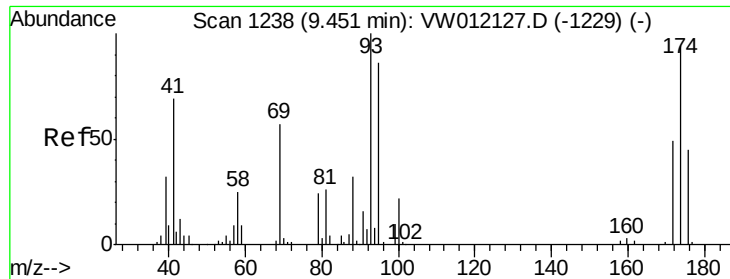
MMDadoda
 9/3/2019 10:44:49 AM



#48
 Methyl methacrylate
 Concen: 21.454 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	41	Resp	33931
Ion Ratio	100	Lower	Upper
41	100		
69	71.1	56.7	85.1
39	58.8	42.0	63.0





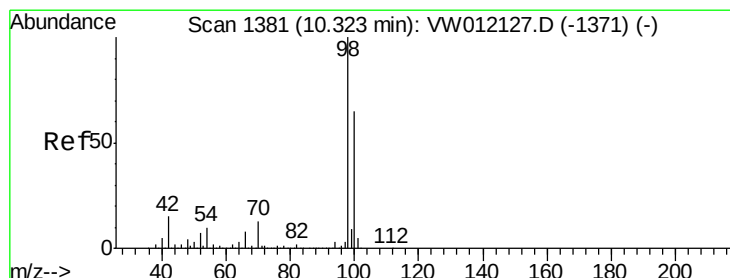
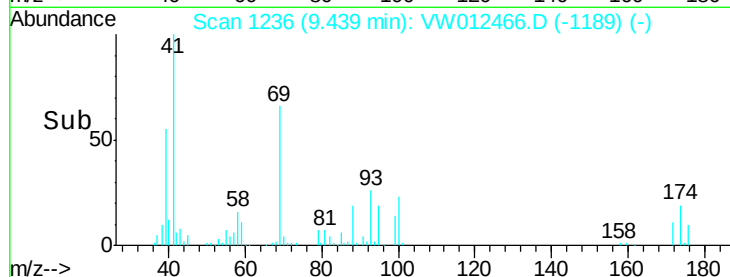
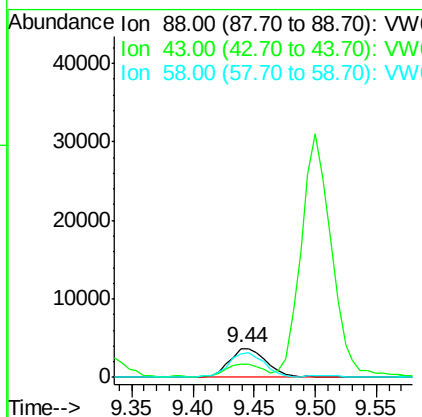
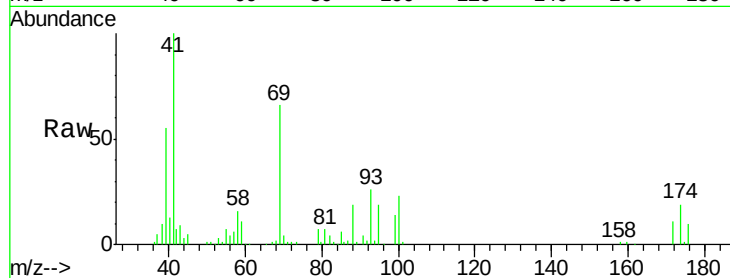
#49
1,4-Dioxane
Concen: 471.229 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.9	32.9	49.3
58	83.0	71.0	106.4

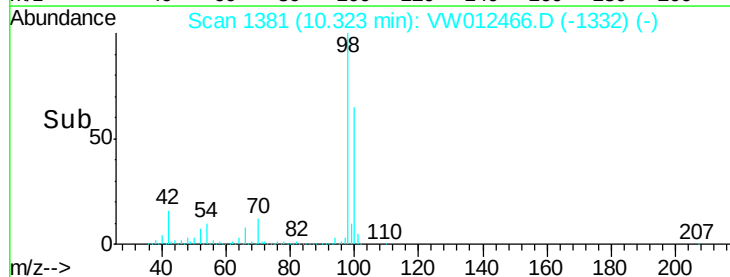
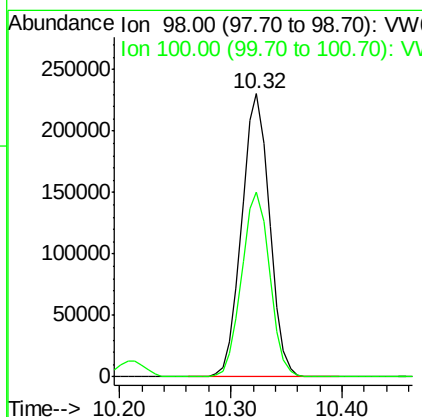
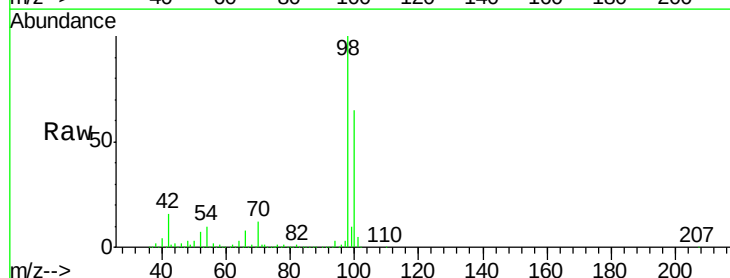
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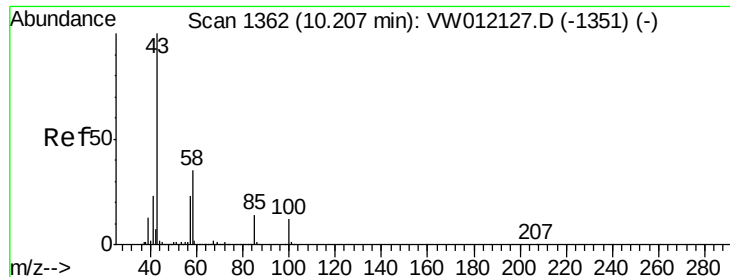
MMDadoda
9/3/2019 10:44:49 AM



#50
Toluene-d8
Concen: 52.128 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 114.813 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampled :

VW0901SBS02

Tot Ion: 43 Resp: 194056

Ion Ratio Lower Upper

43 100

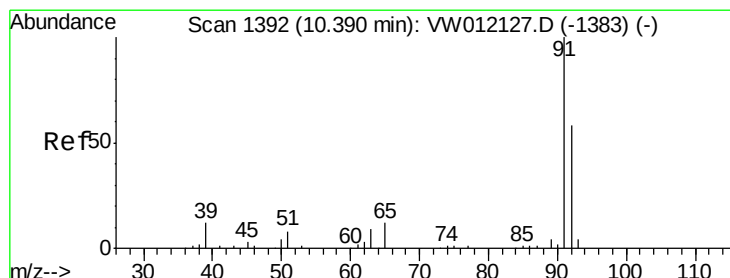
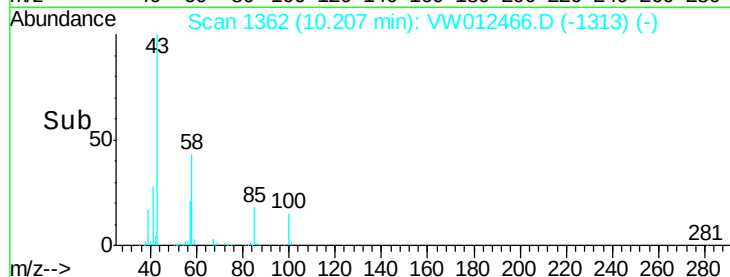
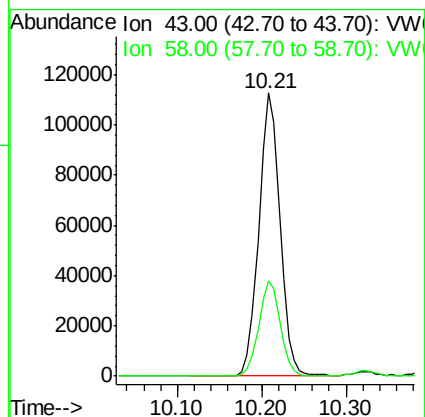
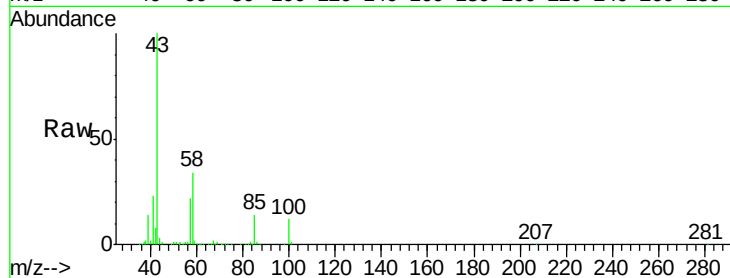
58 34.1 28.2 42.2

Manual Integrations

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MMDadoda

9/3/2019 10:44:49 AM



#52

Toluene

Concen: 20.262 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012466.D

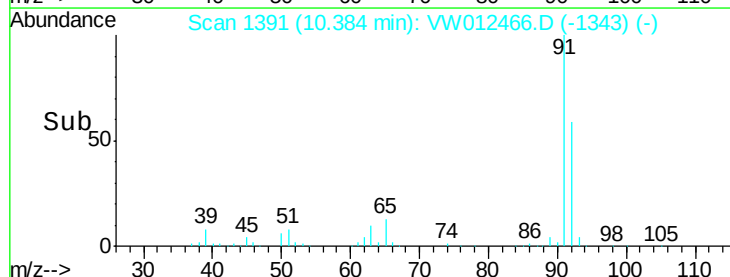
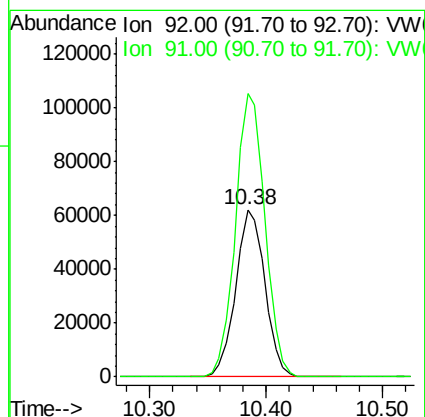
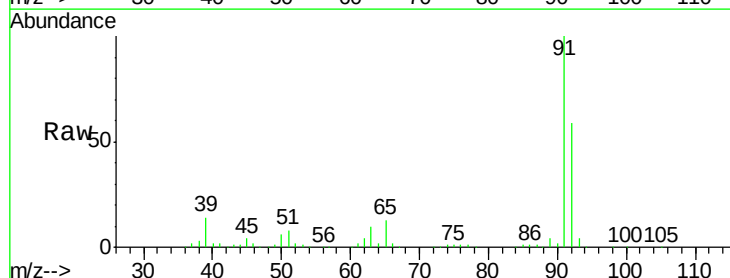
Acq: 02 Sep 2019 00:15

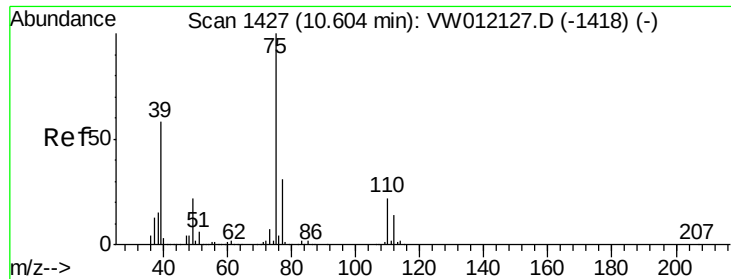
Tgt Ion: 92 Resp: 108812

Ion Ratio Lower Upper

92 100

91 170.9 136.6 204.8





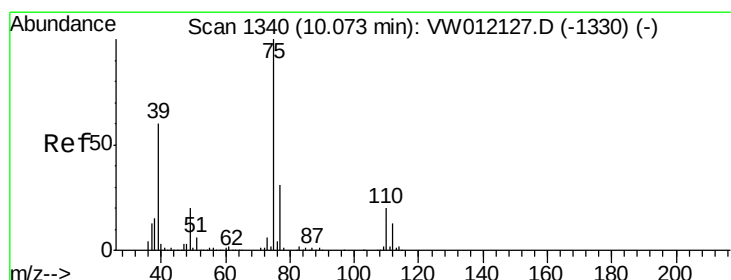
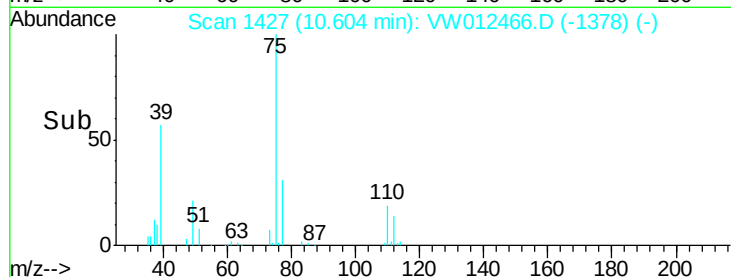
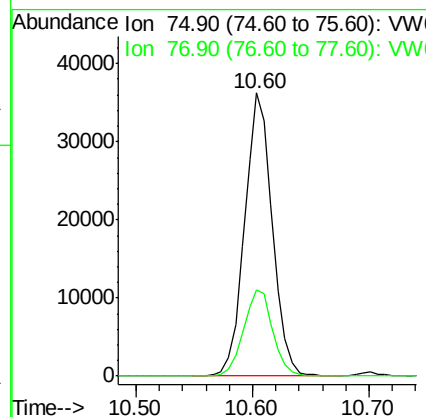
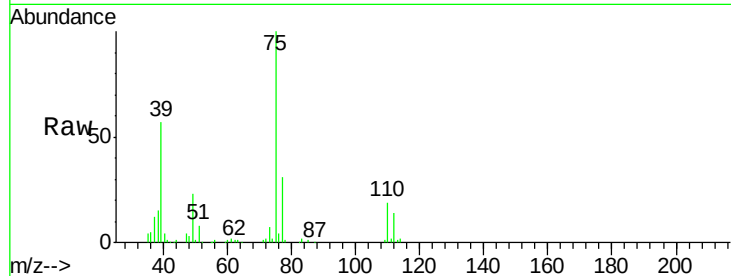
#53
 t-1,3-Dichloropropene
 Concen: 20.663 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion: 75 Resp: 59962
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4

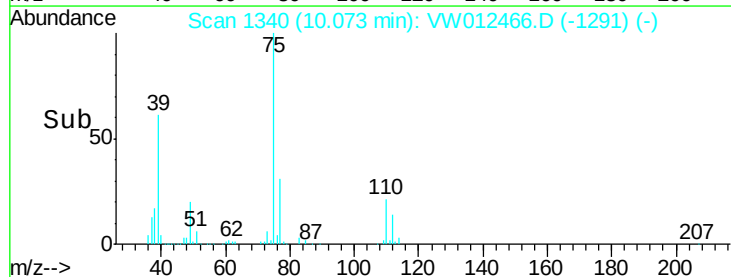
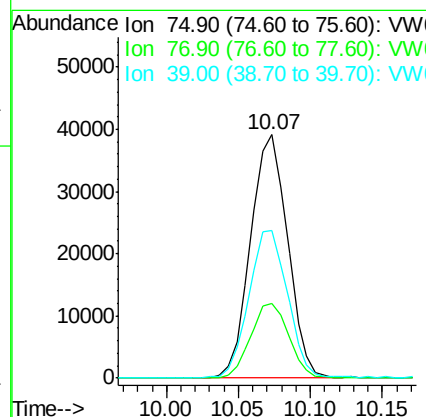
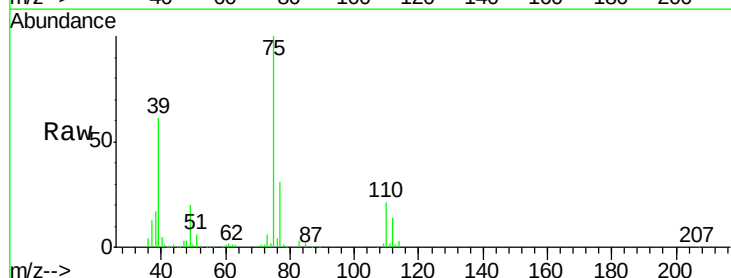
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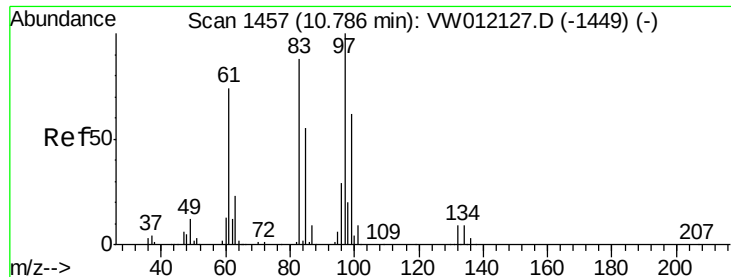
MMDadoda
 9/3/2019 10:44:49 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.899 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 75 Resp: 69724
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7
 39 60.3 48.3 72.5





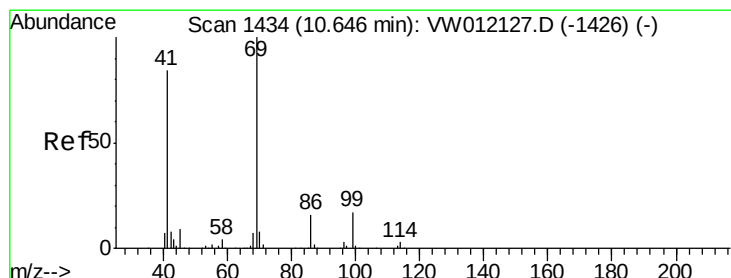
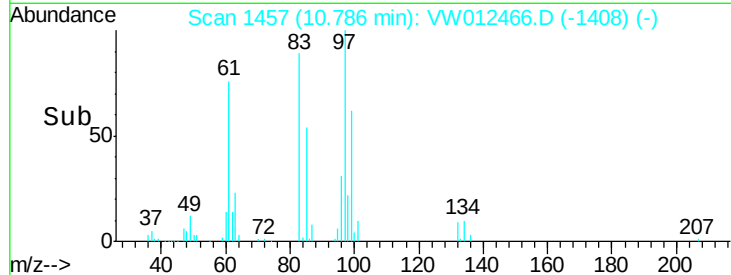
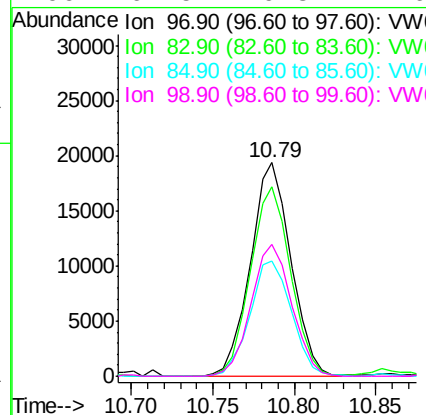
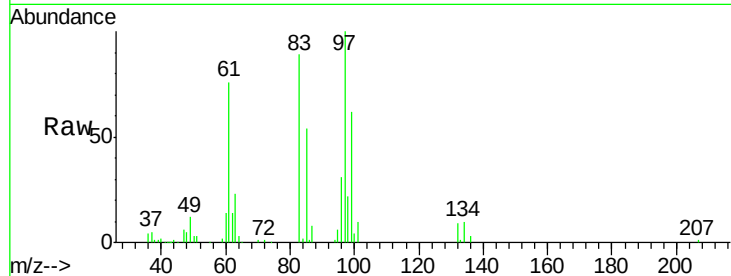
#55
 1,1,2-Trichloroethane
 Concen: 22.096 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion:	97	Resp:	33464
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.8	106.2
85	53.9	43.8	65.8
99	61.5	49.8	74.6

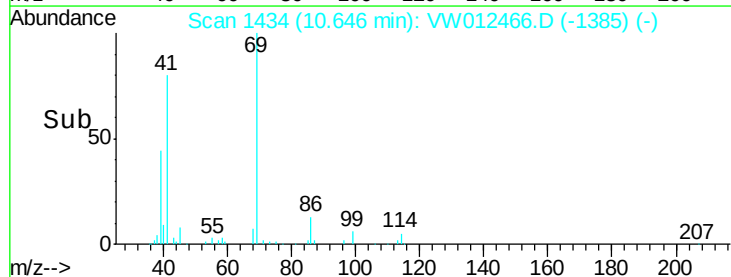
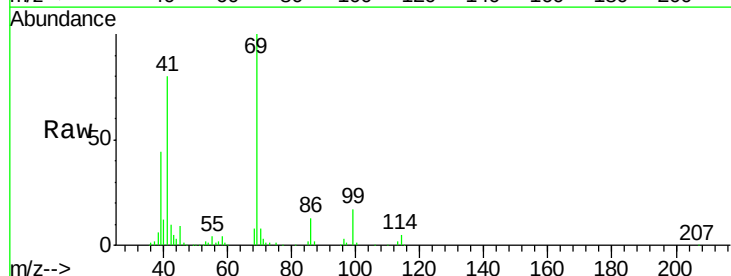
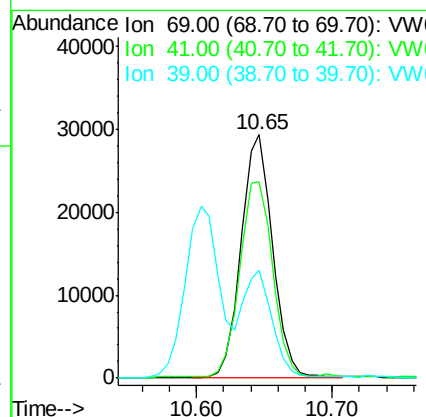
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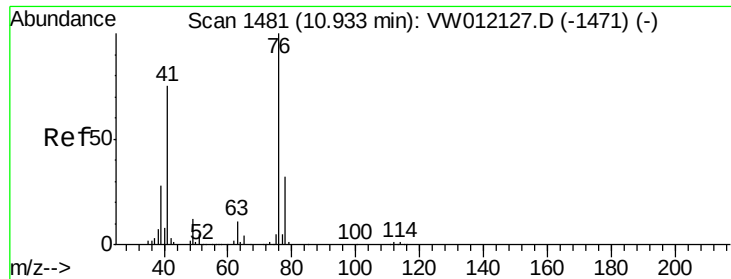
MMDadoda
 9/3/2019 10:44:49 AM



#56
 Ethyl methacrylate
 Concen: 21.656 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion:	69	Resp:	47736
Ion	Ratio	Lower	Upper
69	100		
41	85.5	66.5	99.7
39	39.8	31.0	46.4





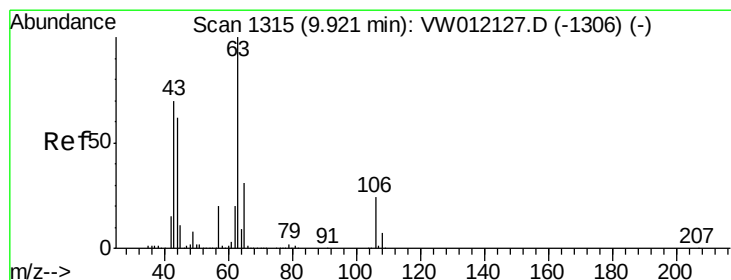
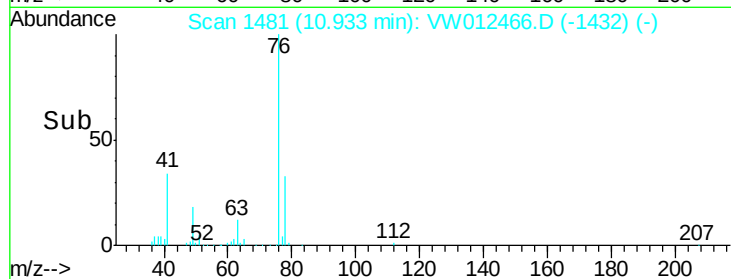
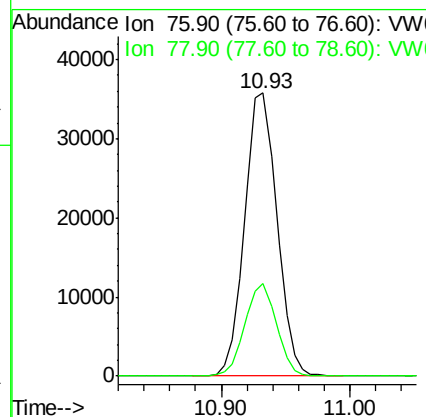
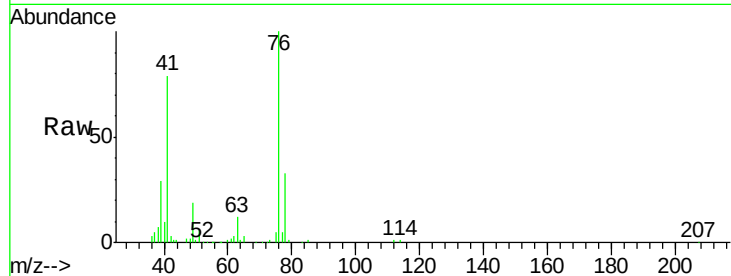
#57
 1,3-Dichloropropane
 Concen: 21.699 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion: 76 Resp: 62104
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

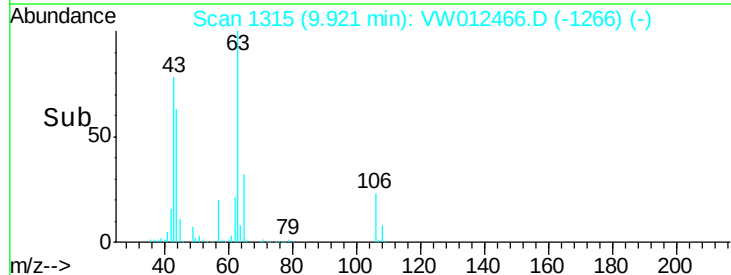
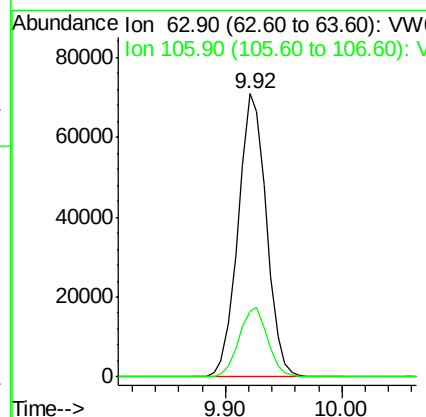
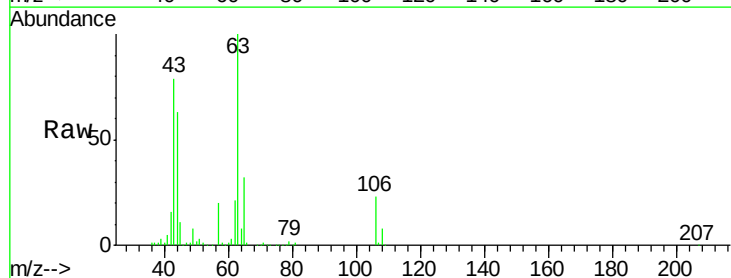
Manual Integrations
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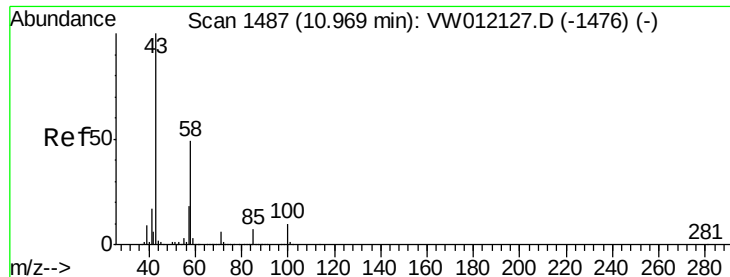
MMDadoda
 9/3/2019 10:44:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.976 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 63 Resp: 119887
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8





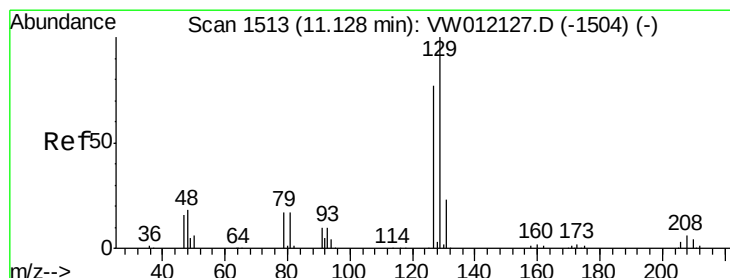
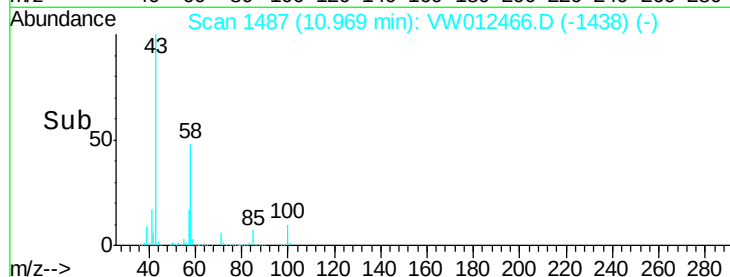
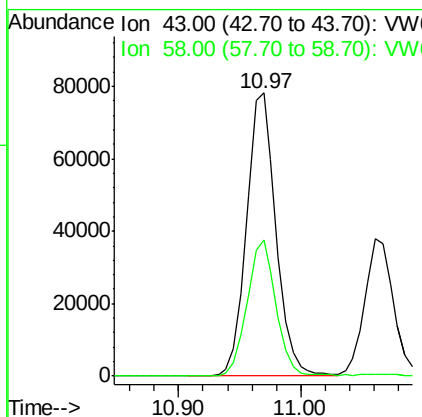
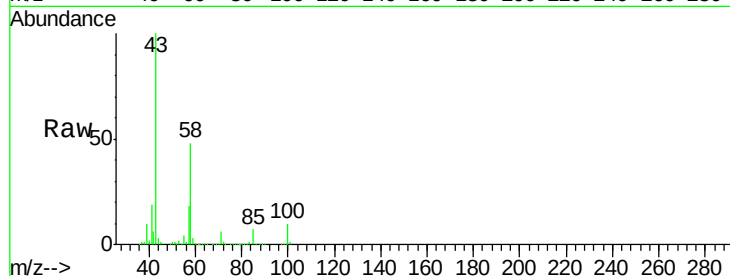
#59
2-Hexanone
Concen: 109.248 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	43	58	Ratio	Lower	Upper
130651	100	47.3		24.3	72.9

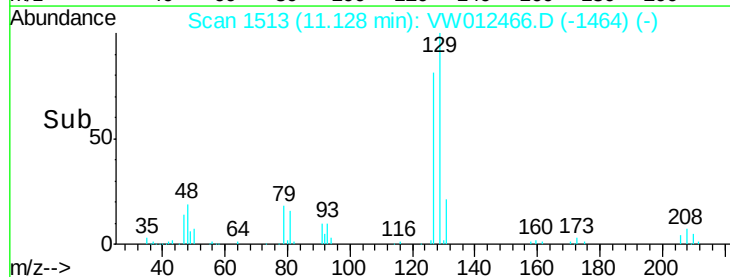
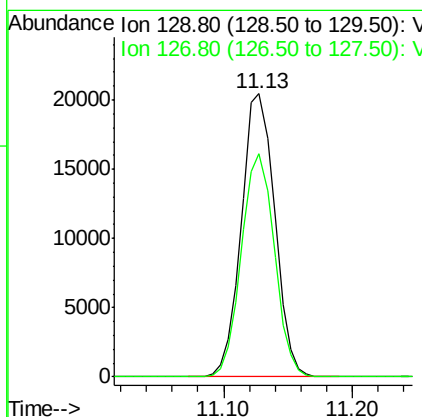
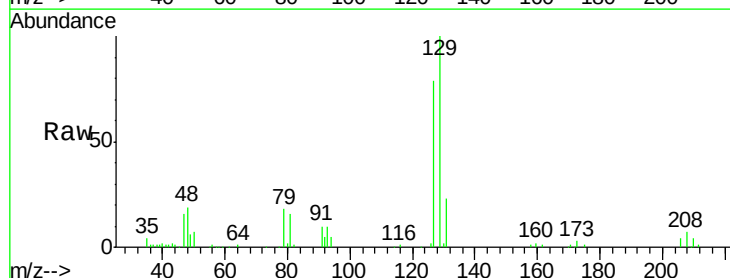
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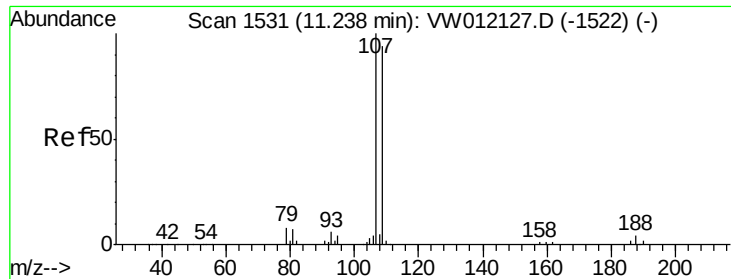
MMDadoda
9/3/2019 10:44:49 AM



#60
Dibromochloromethane
Concen: 21.765 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	129	127	Ratio	Lower	Upper
36715	100	77.8		38.6	115.8





#61

1,2-Dibromoethane

Concen: 21.692 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tot Ion:107 Resp: 30606

Ion Ratio Lower Upper

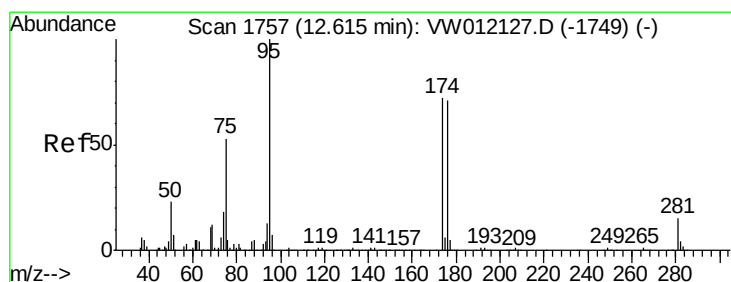
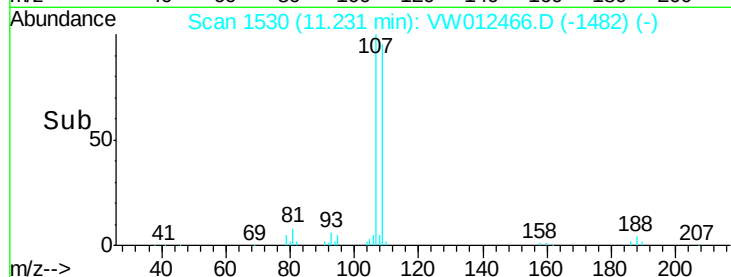
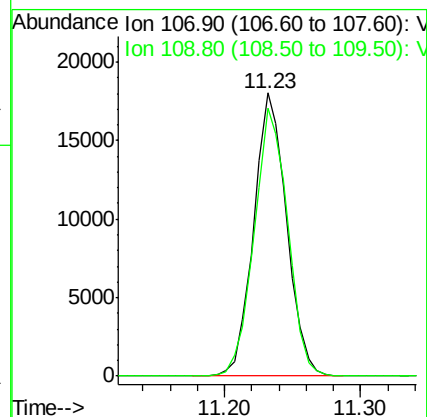
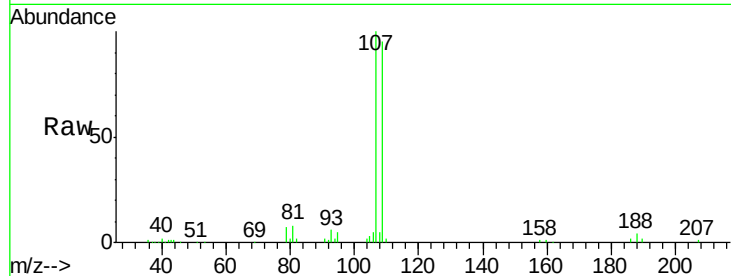
107 100

109 96.4 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 53.810 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

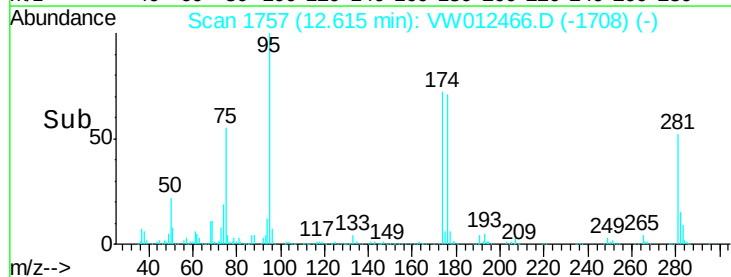
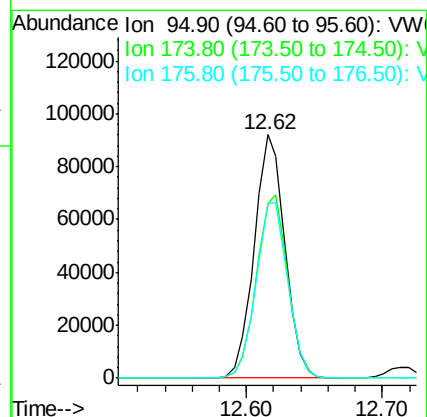
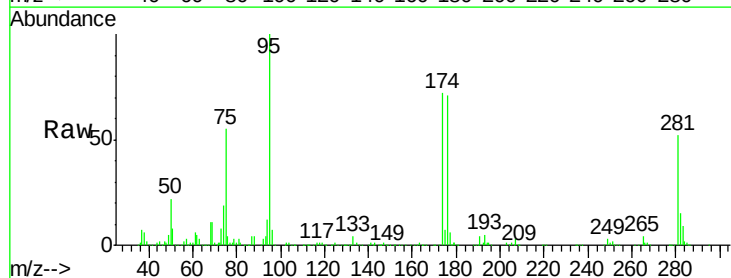
Tgt Ion: 95 Resp: 145437

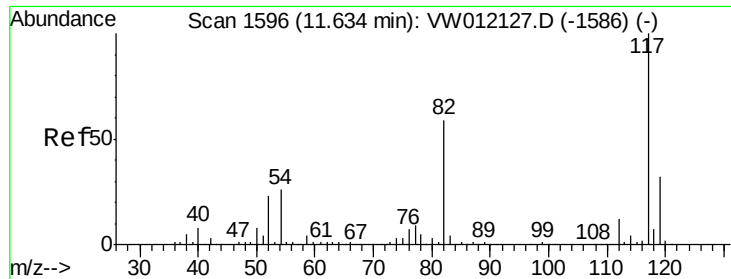
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.8

176 75.1 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

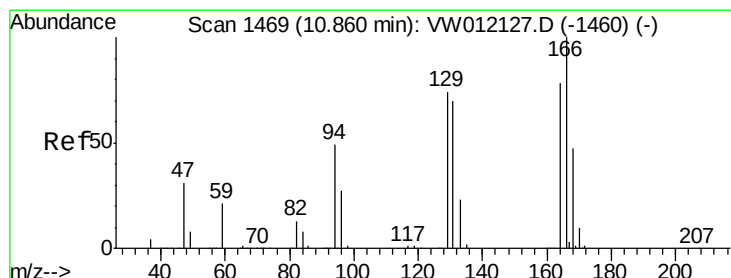
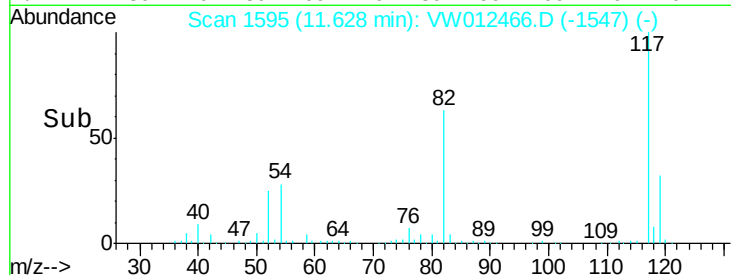
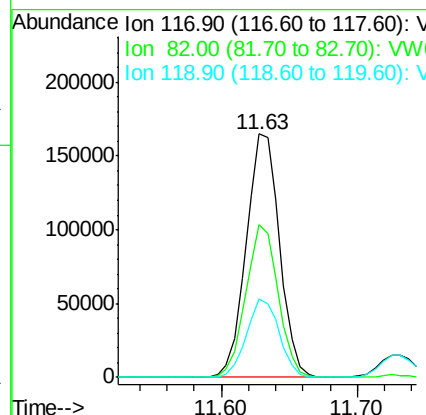
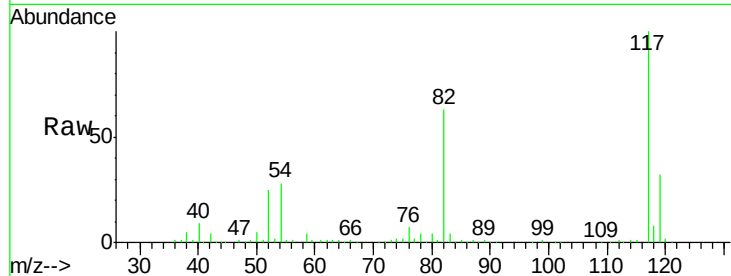
ClientSampleId :

VW0901SBS02

Tot Ion:	117	Resp:	282756
Ion Ratio	Lower	Upper	
117	100		
82	62.7	47.4	71.2
119	32.1	25.4	38.2

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9/3/2019 10:44:49 AM



#64

Tetrachloroethene

Concen: 20.659 ug/l

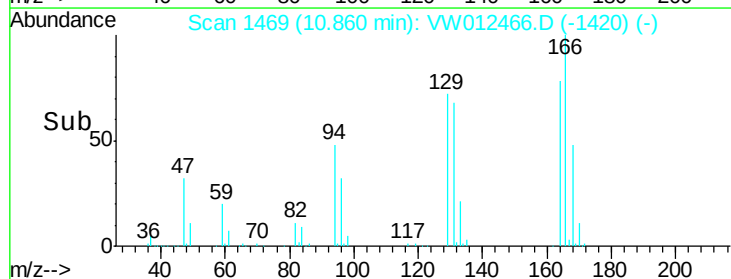
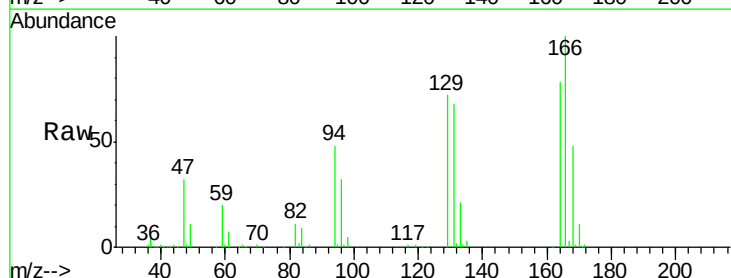
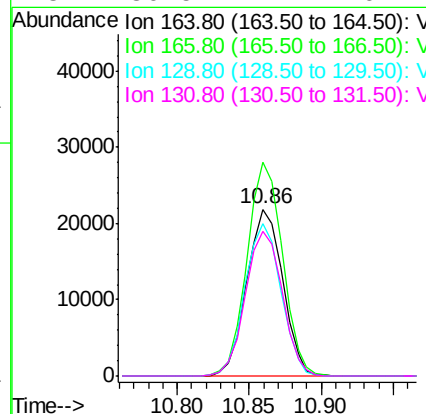
RT: 10.86 min Scan# 1469

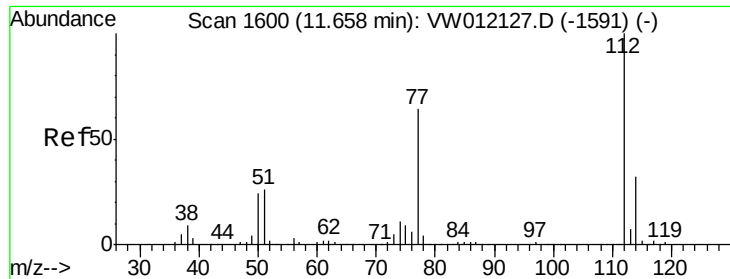
Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	164	Resp:	37872
Ion Ratio	Lower	Upper	
164	100		
166	128.1	102.4	153.6
129	91.7	75.8	113.6
131	86.5	71.4	107.2





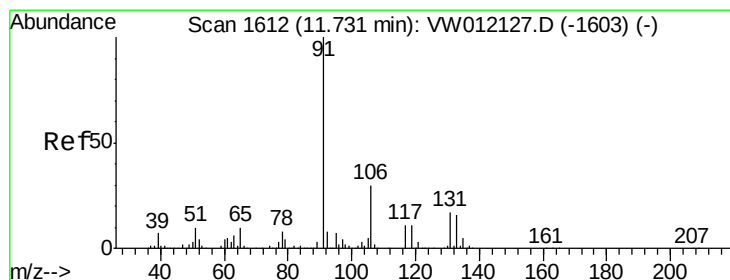
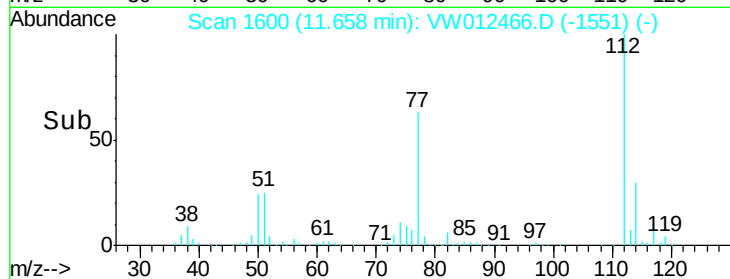
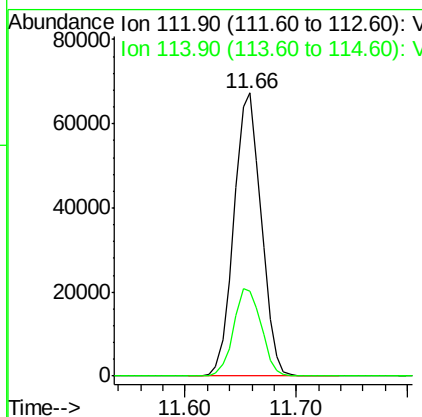
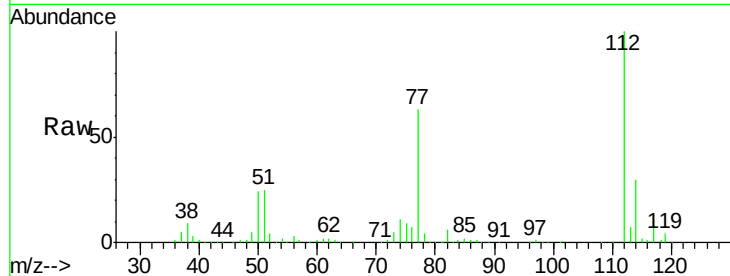
#65
Chlorobenzene
Concen: 20.518 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.8	25.8	38.6

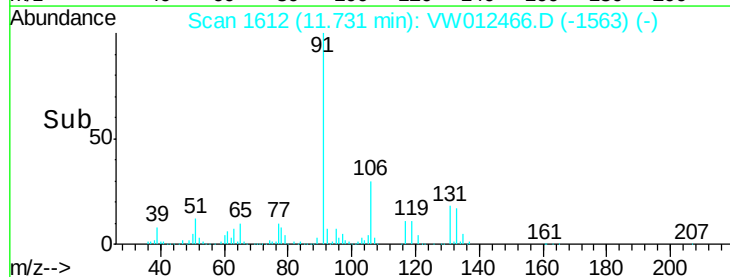
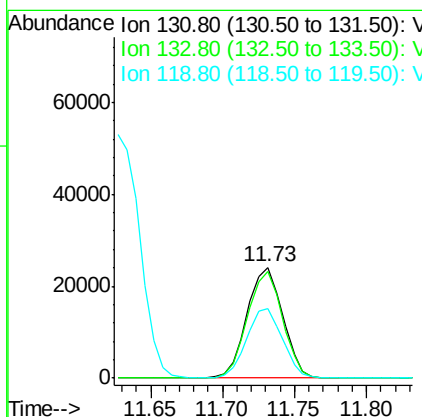
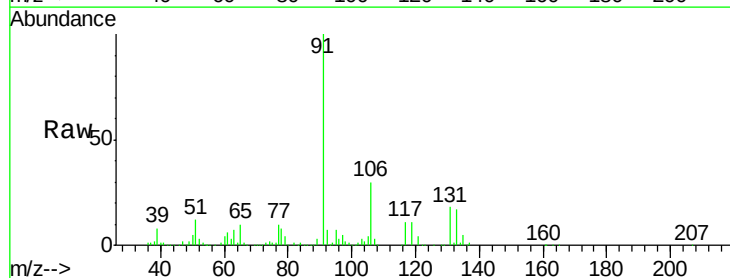
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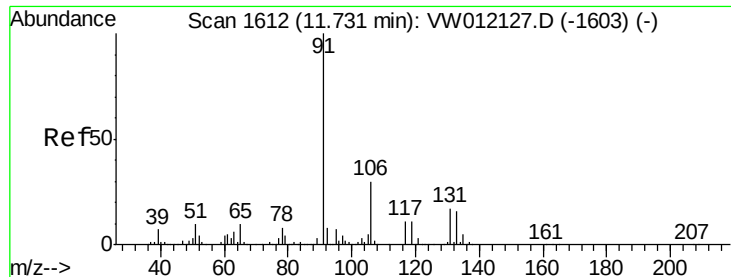
MMDadoda
9/3/2019 10:44:49 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.312 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.1	141.3
119	62.6	31.8	95.3





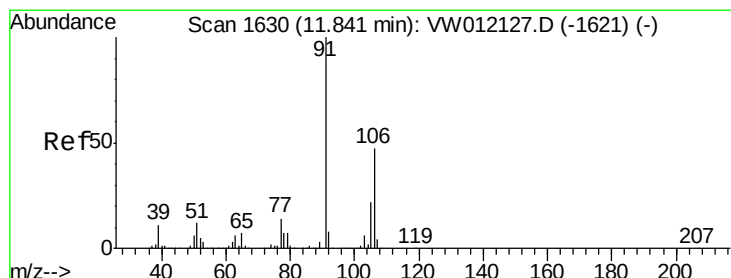
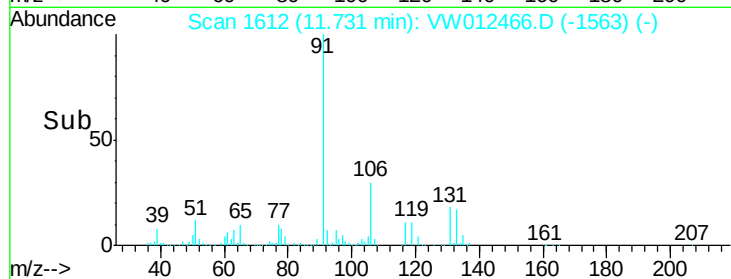
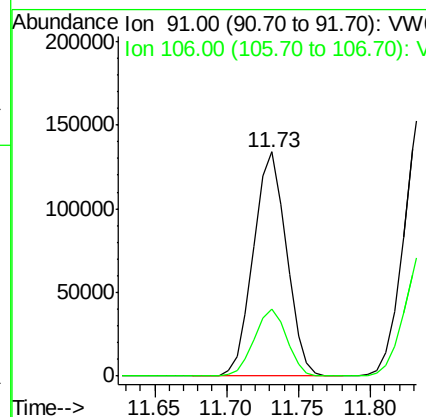
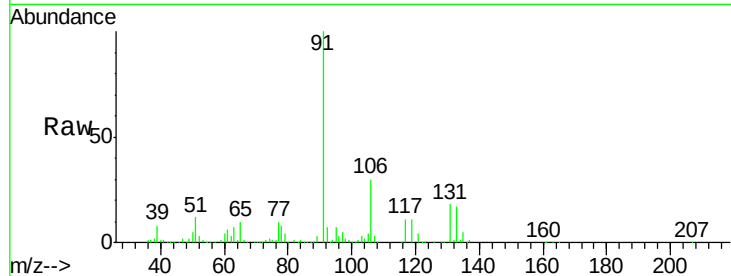
#67
Ethyl Benzene
Concen: 19.816 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5

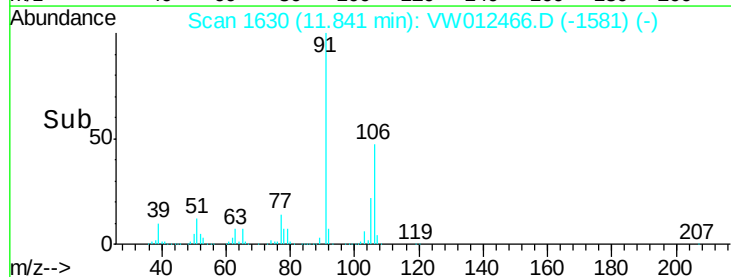
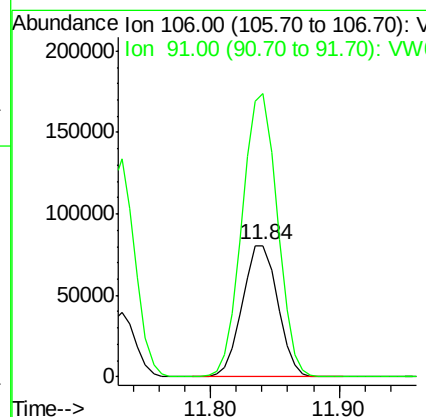
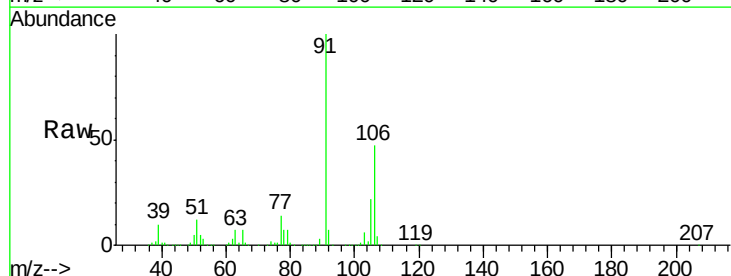
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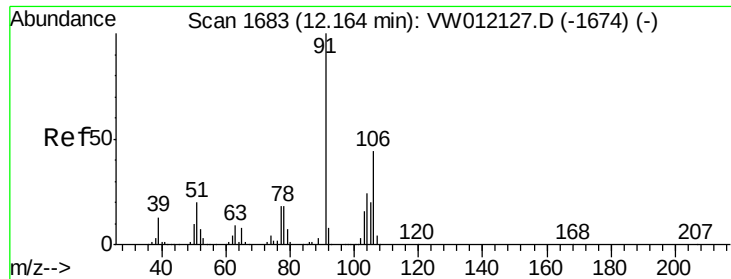
MMDadoda
9/3/2019 10:44:49 AM



#68
m/p-Xylenes
Concen: 39.869 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.6	169.5	254.3





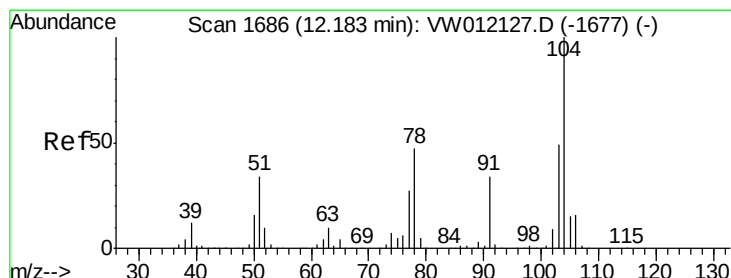
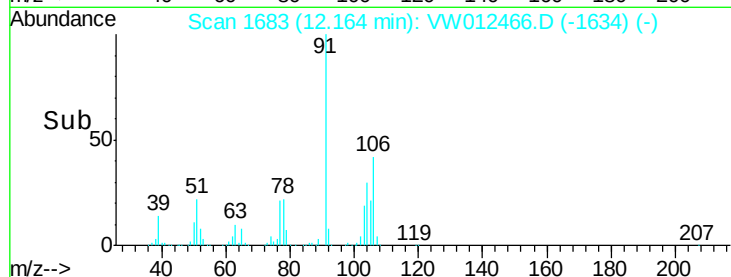
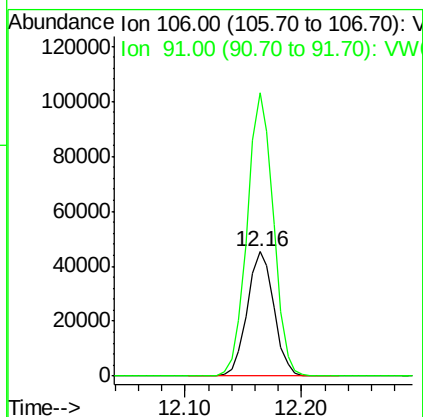
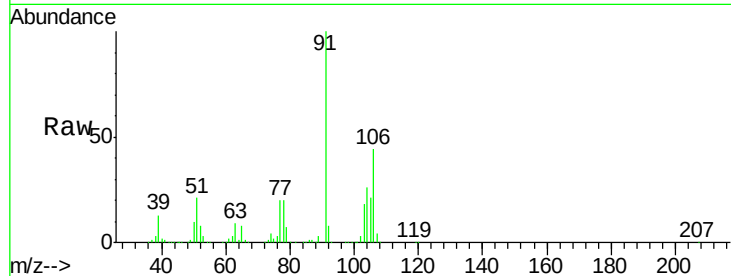
#69
o-Xylene
Concen: 20.273 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampled :
VW0901SBS02

Tot Ion:106 Resp: 72488
Ion Ratio Lower Upper
106 100
91 224.3 111.6 334.6

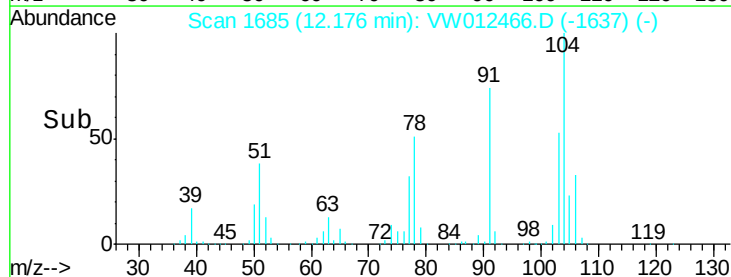
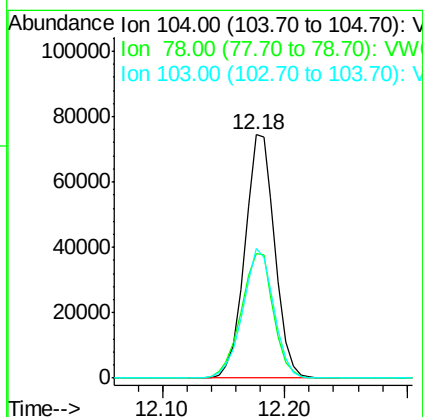
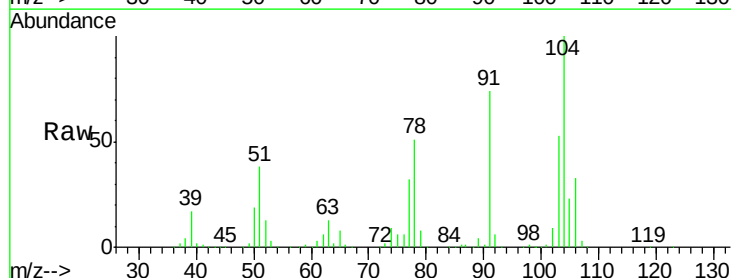
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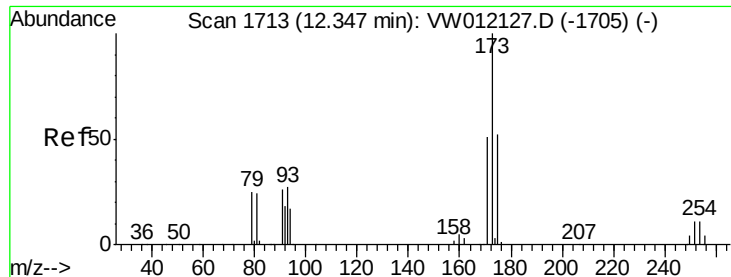
MMDadoda
9/3/2019 10:44:49 AM



#70
Styrene
Concen: 20.372 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion:104 Resp: 126087
Ion Ratio Lower Upper
104 100
78 55.6 43.1 64.7
103 55.2 43.5 65.3





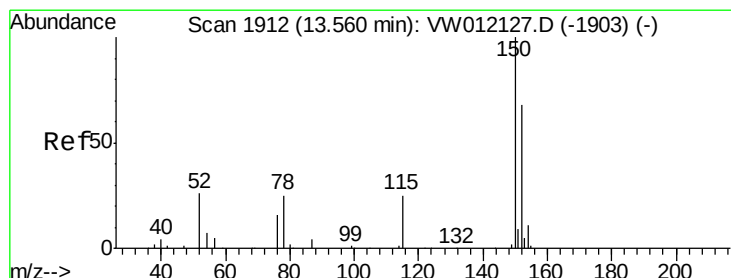
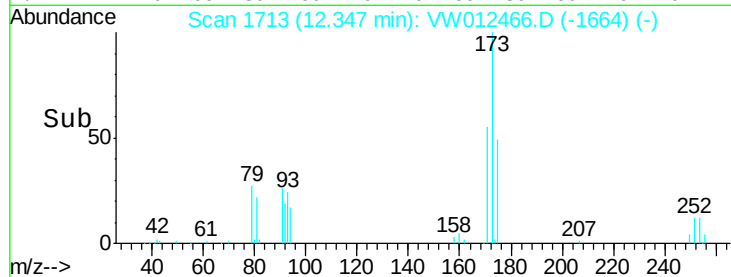
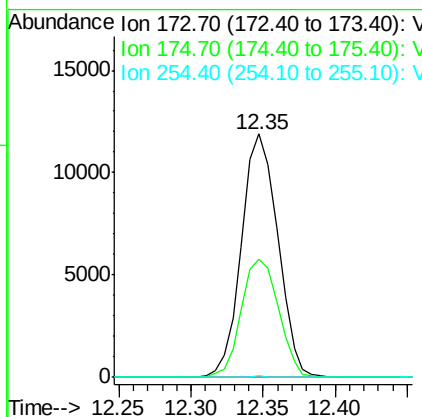
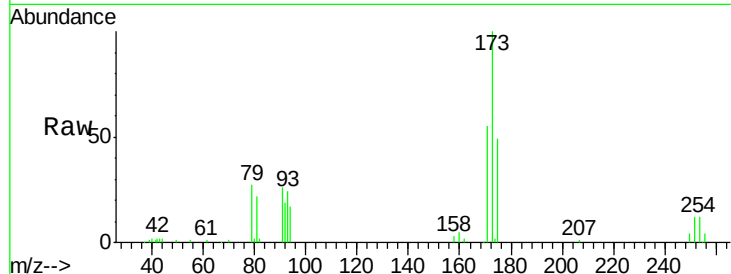
#71
Bromoform
Concen: 21.532 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.6	74.0
254	0.1	0.2	0.2

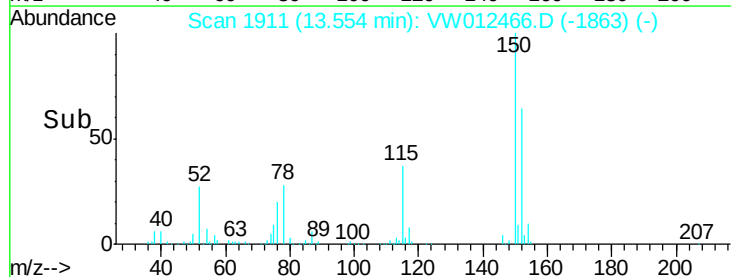
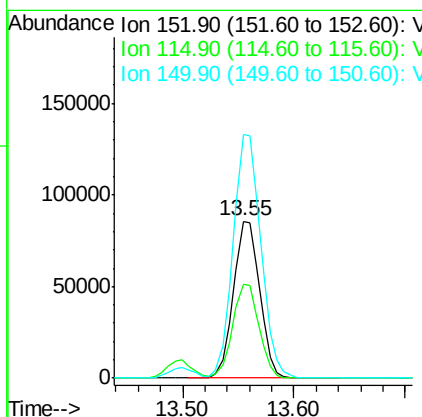
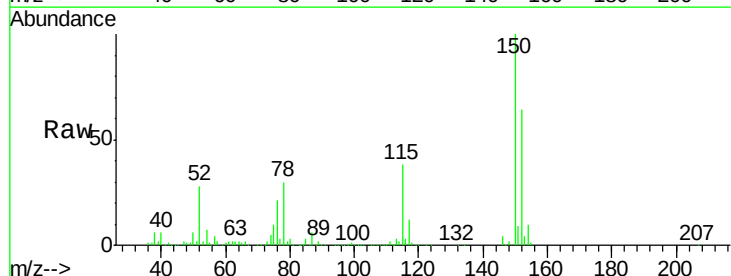
Manual Integrations
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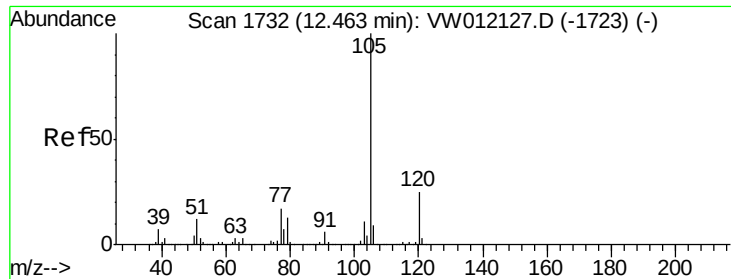
MMDadoda
9/3/2019 10:44:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.1	90.3
150	164.2	0.0	345.8





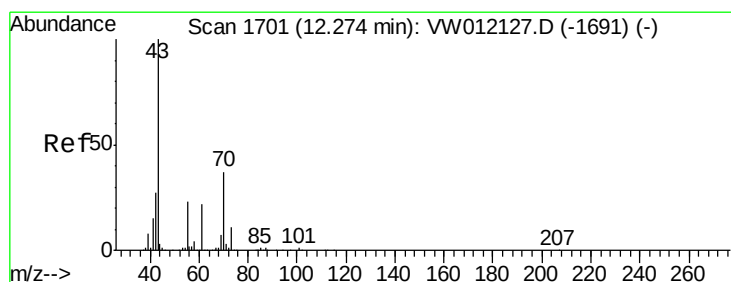
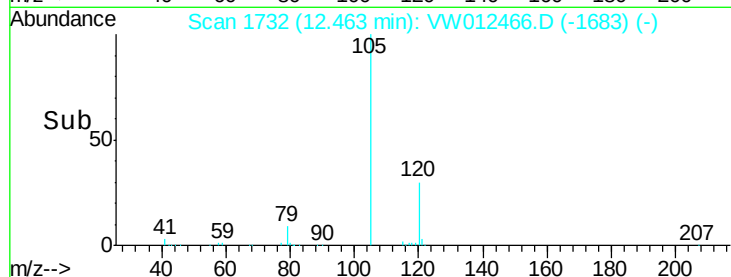
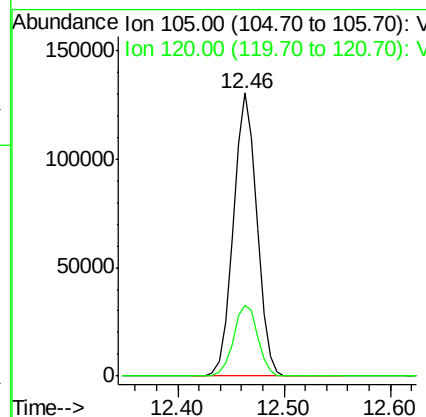
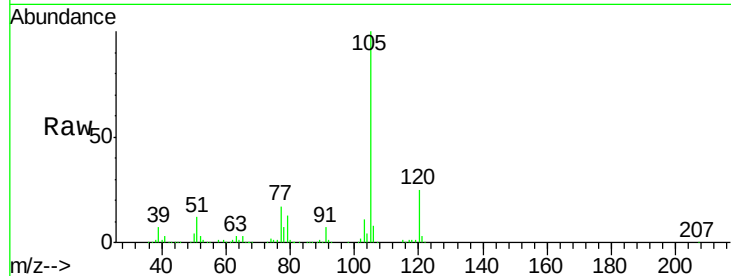
#73
Isopropylbenzene
Concen: 19.295 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	202112		
120	25.9	12.5	37.5	

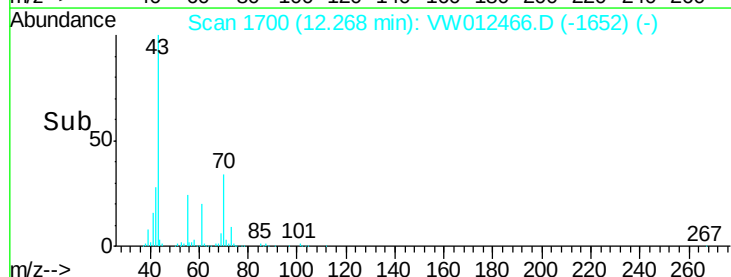
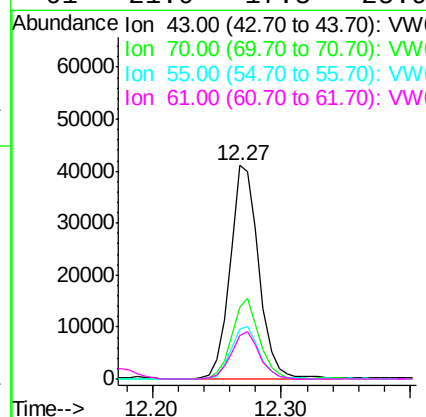
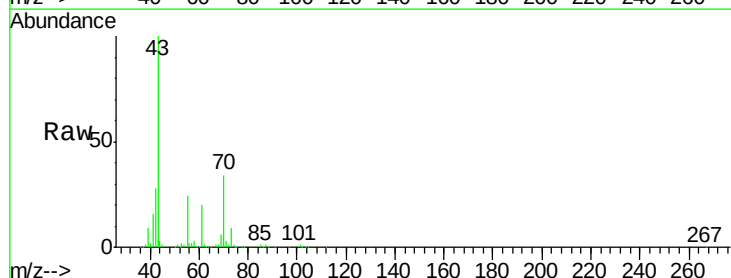
Manual Integrations
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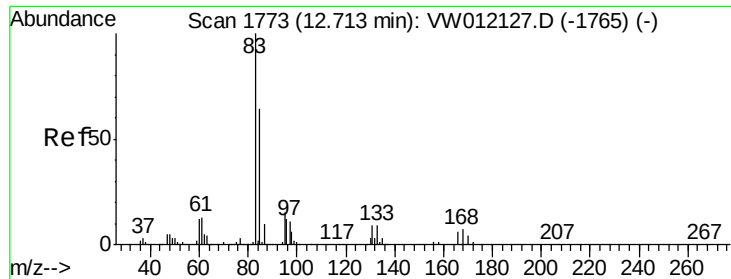
MMDadoda
9/3/2019 10:44:49 AM



#74
N-ethyl acetate
Concen: 20.119 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	63673		
70	36.5	28.6	43.0	
55	25.1	17.8	26.6	
61	21.9	17.3	25.9	





#75

1,1,2,2-Tetrachloroethane

Concen: 21.388 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

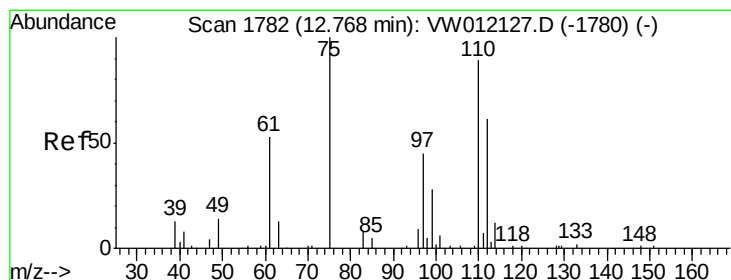
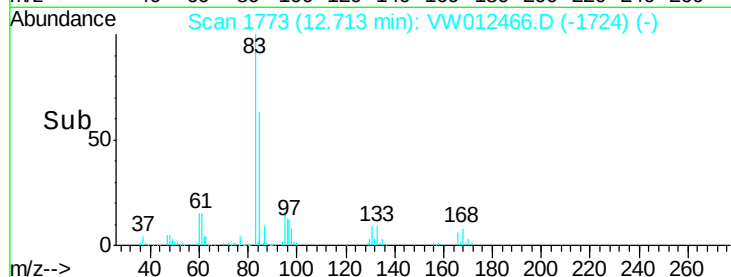
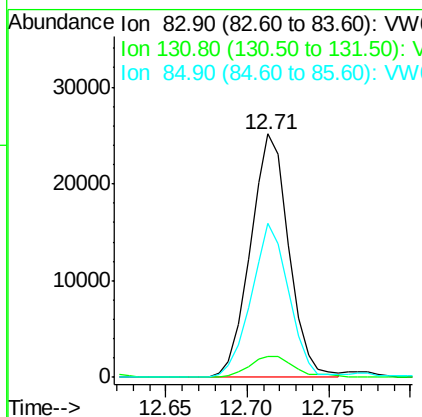
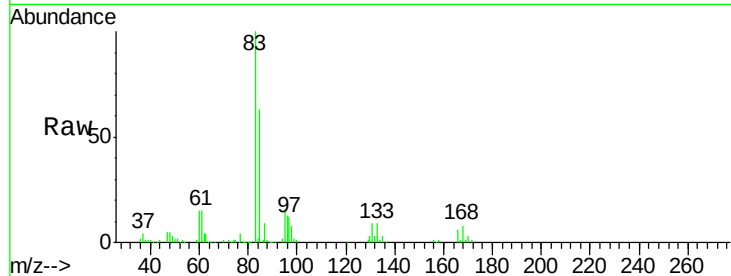
ClientSampleId :

VW0901SBS02

Tot Ion:	83	Resp:	41073
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.7
85	61.7	31.9	95.7

Manual Integrations
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9/3/2019 10:44:49 AM



#76

1,2,3-Trichloropropane

Concen: 24.820 ug/l m

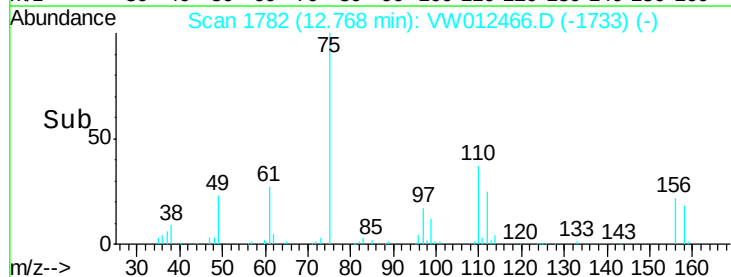
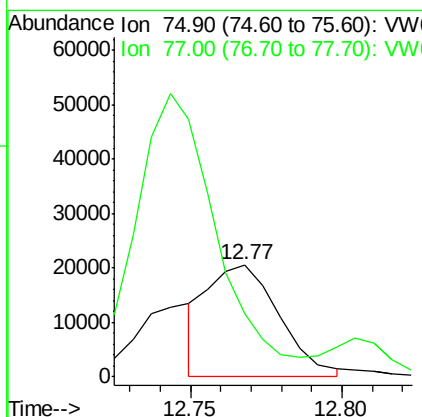
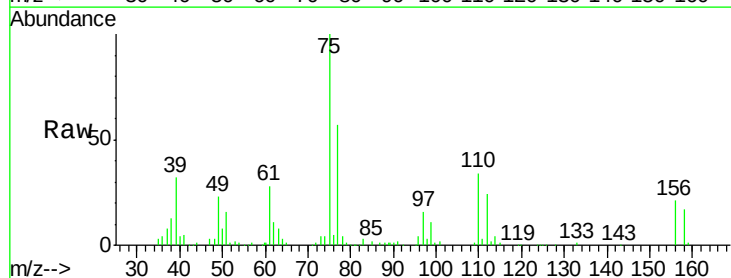
RT: 12.77 min Scan# 1782

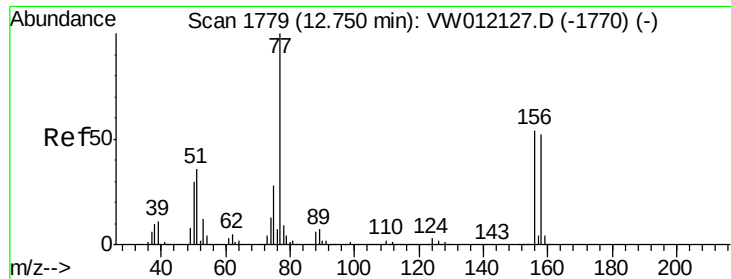
Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	75	Resp:	33793
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





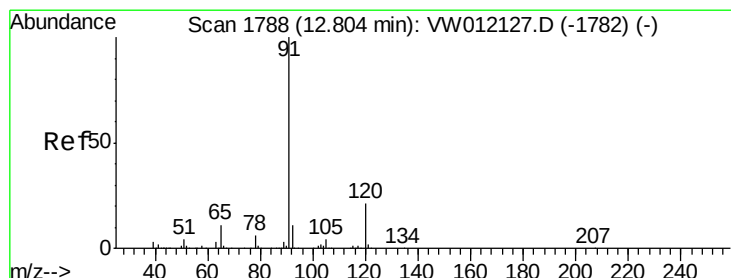
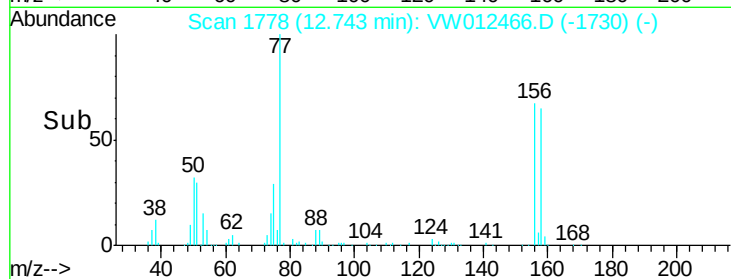
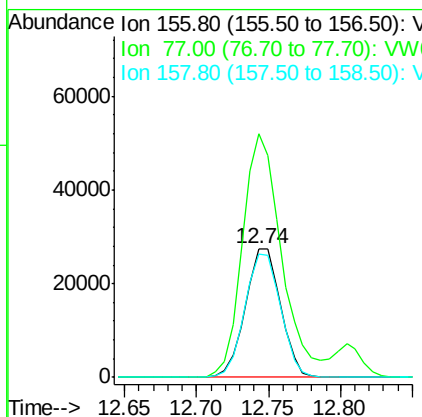
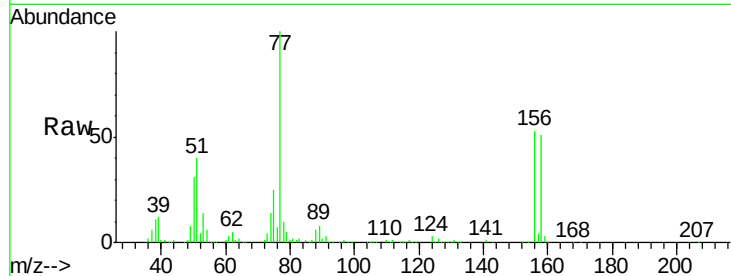
#77
Bromobenzene
Concen: 20.483 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampled :
VW0901SBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	208.6	107.3	321.8	
158	97.1	49.0	147.0	

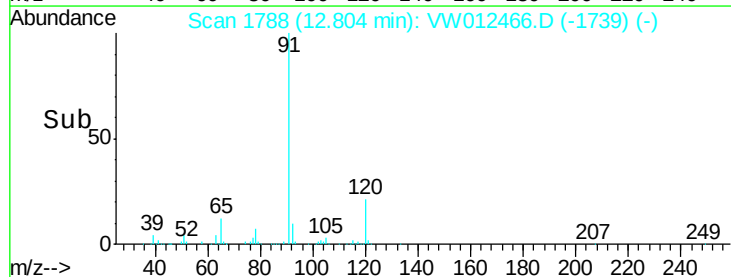
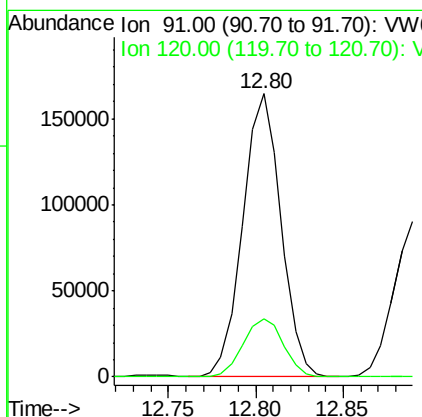
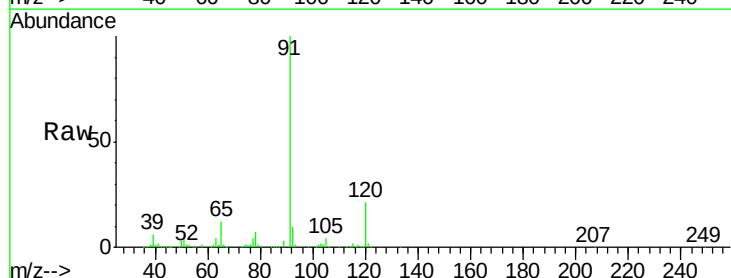
Manual Integrations
APPROVED

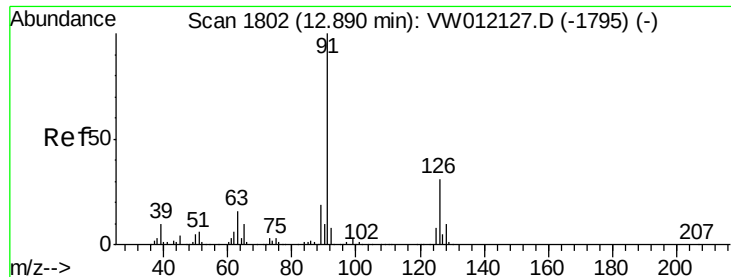
MMDadoda
9/3/2019 10:44:49 AM



#78
n-propylbenzene
Concen: 19.526 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.7	10.5	31.6	





#79

2-Chlorotoluene

Concen: 20.185 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tot Ion: 91 Resp: 146551

Ion Ratio Lower Upper

91 100

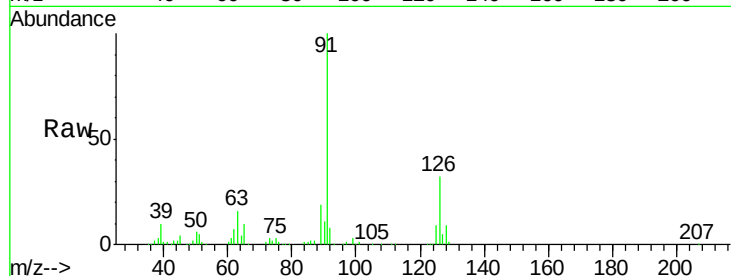
126 31.1 15.7 47.0

Manual Integrations

APPROVED

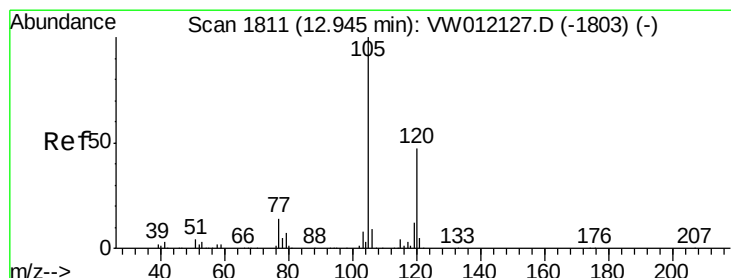
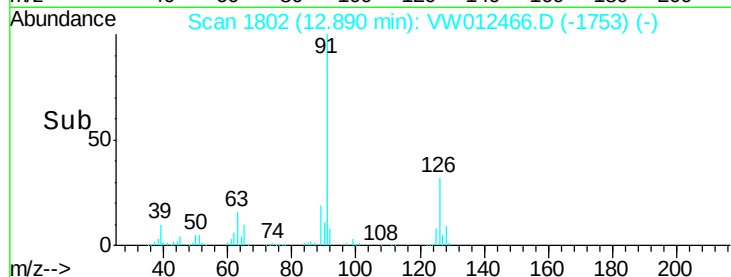
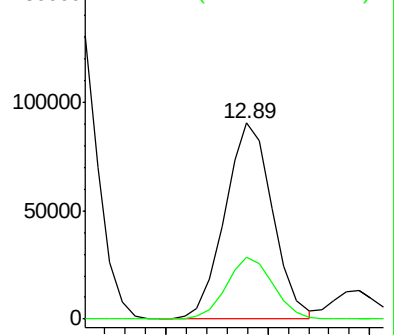
MMDadoda

9/3/2019 10:44:49 AM



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: 20.362 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012466.D

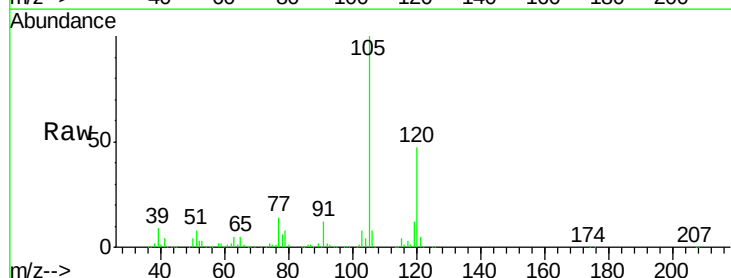
Acq: 02 Sep 2019 00:15

Tgt Ion:105 Resp: 178230

Ion Ratio Lower Upper

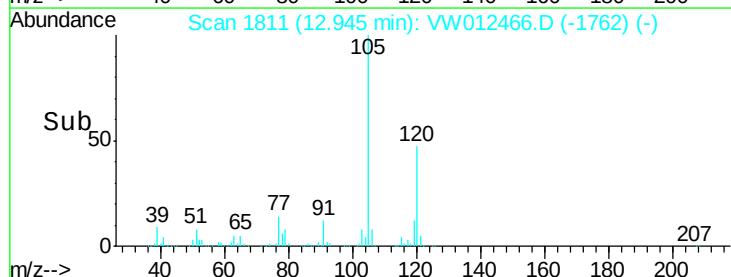
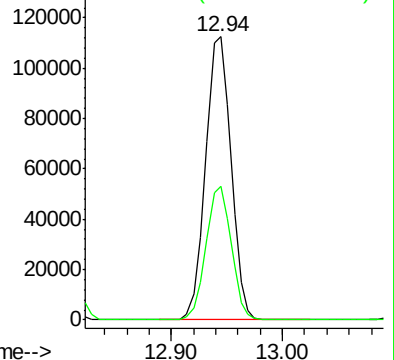
105 100

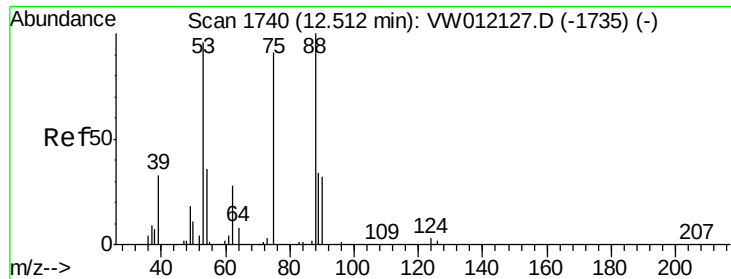
120 46.9 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





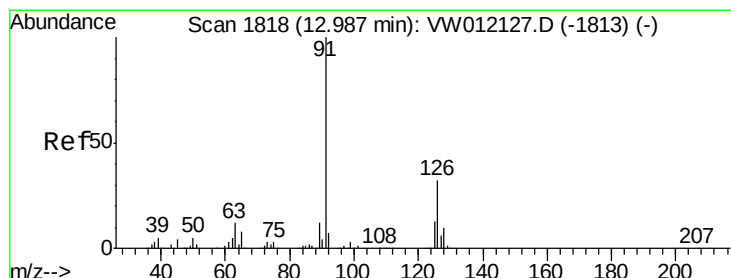
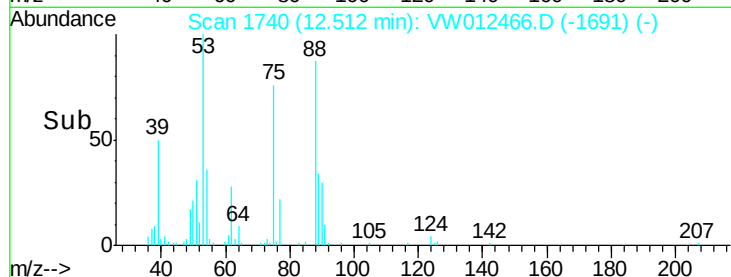
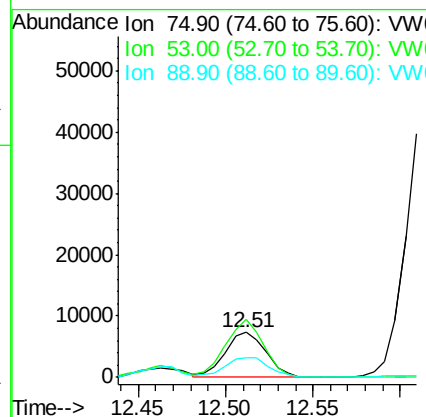
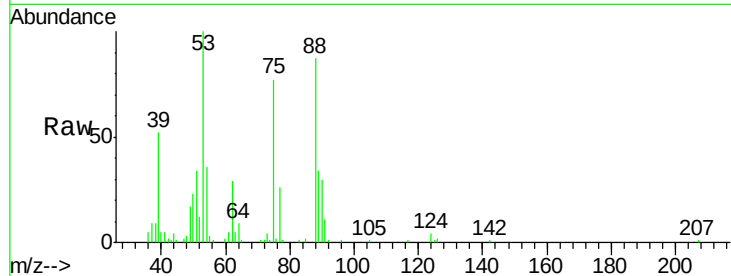
#81
trans-1,4-Dichloro-2-butene
Concen: 19.262 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	120.9	89.4	134.0
89	47.0	34.5	51.7

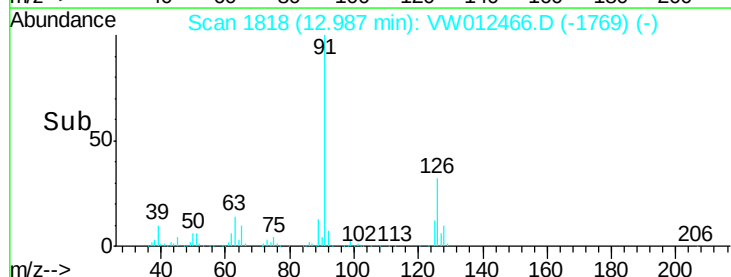
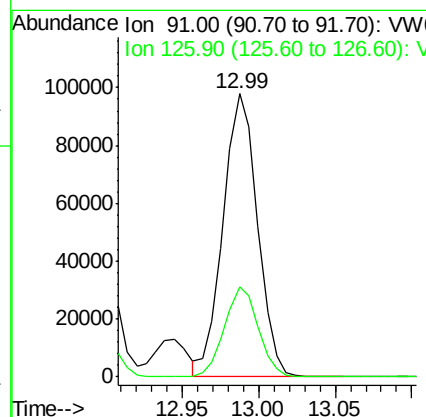
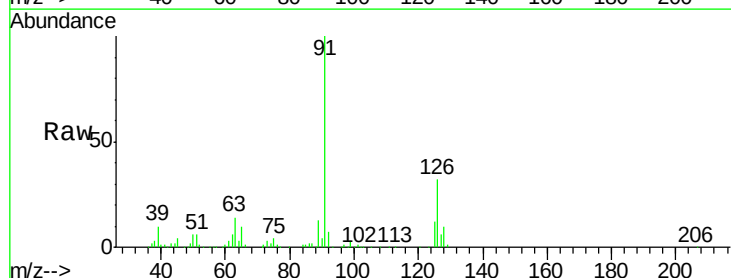
Manual Integrations
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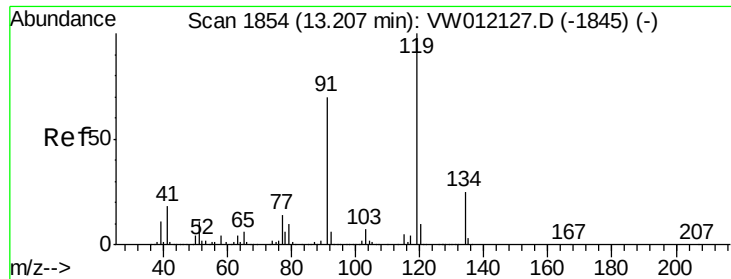
MMDadoda
9/3/2019 10:44:49 AM



#82
4-Chlorotoluene
Concen: 20.019 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.6	46.8





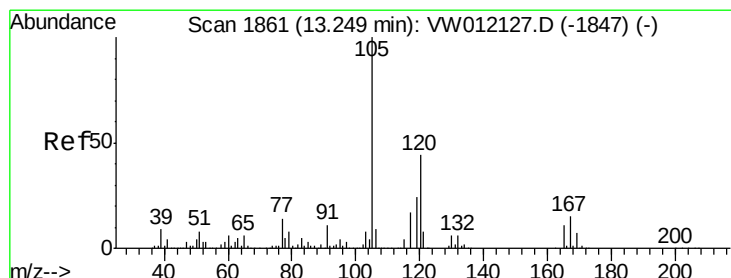
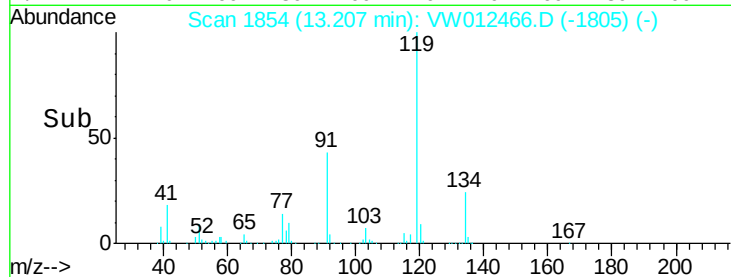
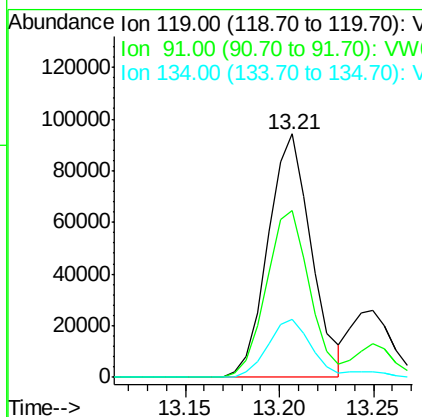
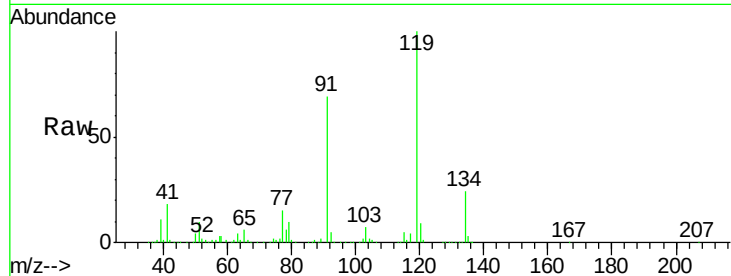
#83
 tert-Butylbenzene
 Concen: 20.182 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	34.8	104.3
134	26.0	13.3	39.8

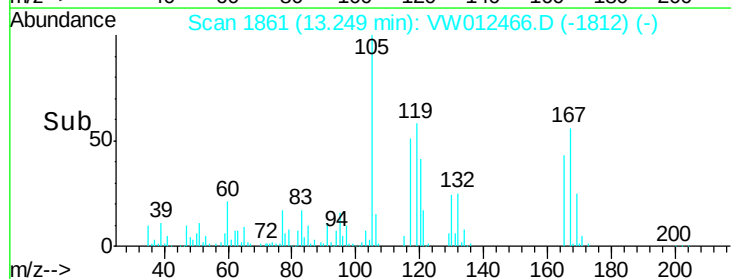
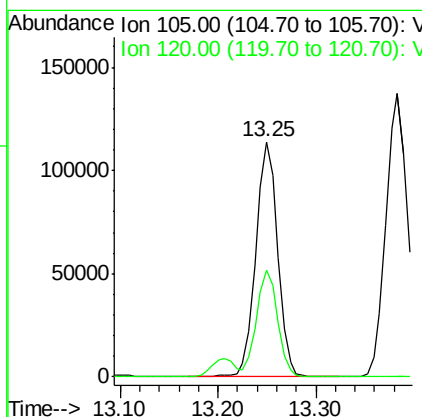
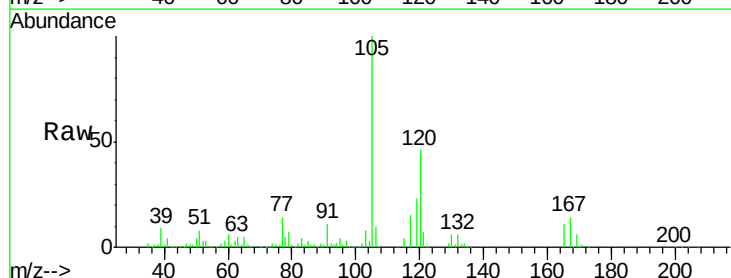
Manual Integrations
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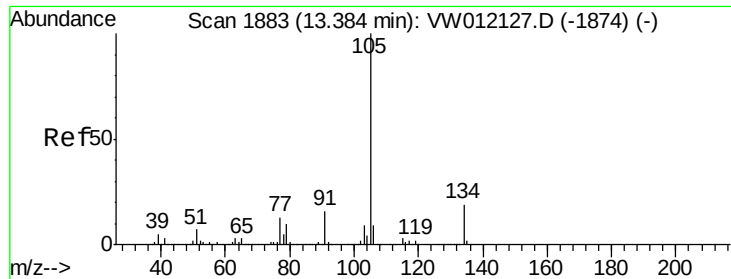
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 9/3/2019 10:44:49 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.096 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.9	65.7





#85

sec-Butylbenzene

Concen: 19.751 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampled :

VW0901SBS02

Tot Ion:105 Resp: 209803

Ion Ratio Lower Upper

105 100

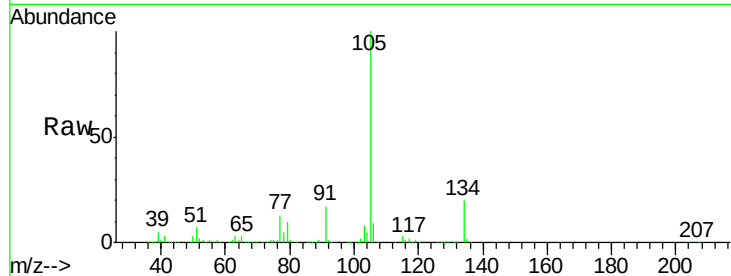
134 19.7 9.8 29.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

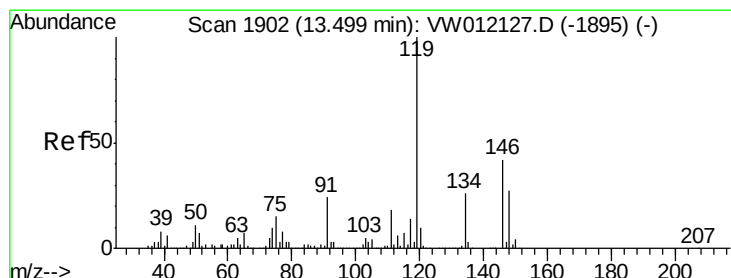
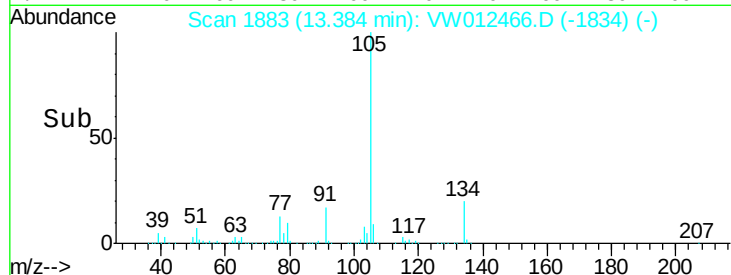
100000

50000

0

13.30 13.40

Time-->



#86

p-Isopropyltoluene

Concen: 19.961 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

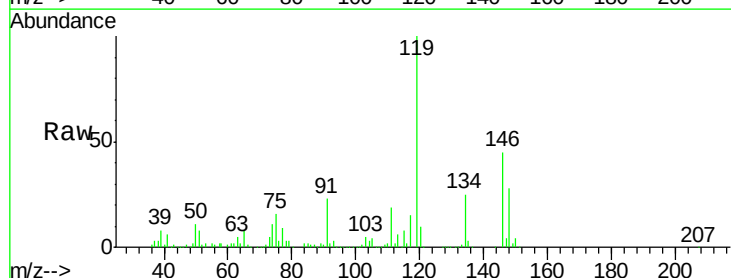
Tgt Ion:119 Resp: 189363

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

91 25.3 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

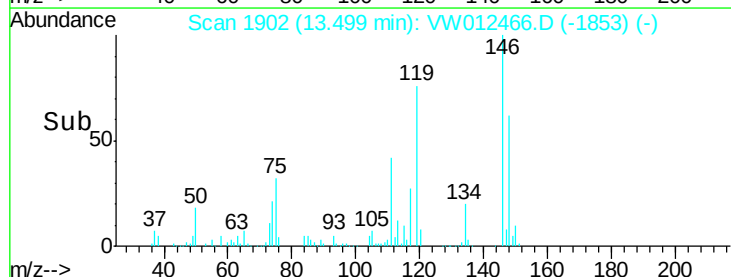
100000

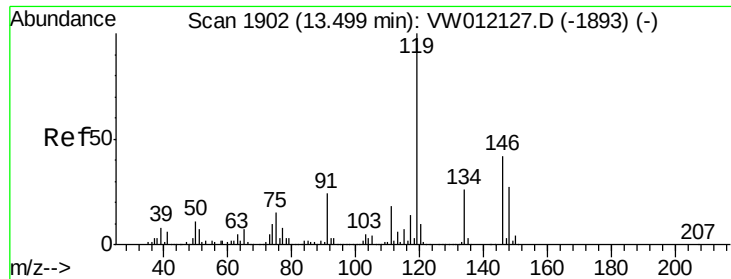
50000

0

13.40 13.50

Time-->





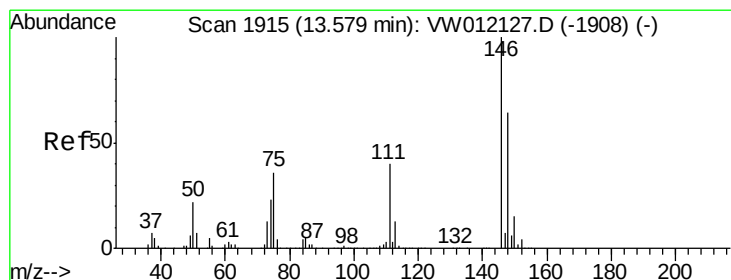
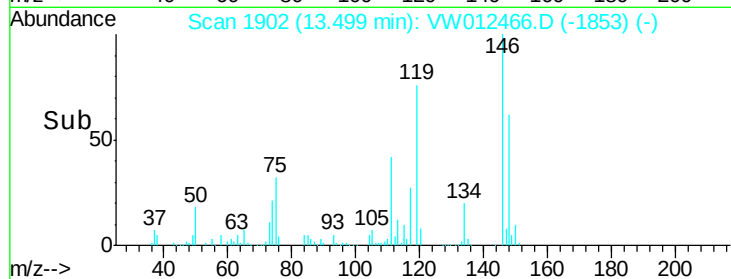
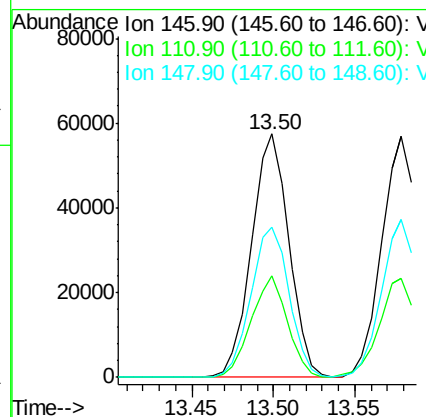
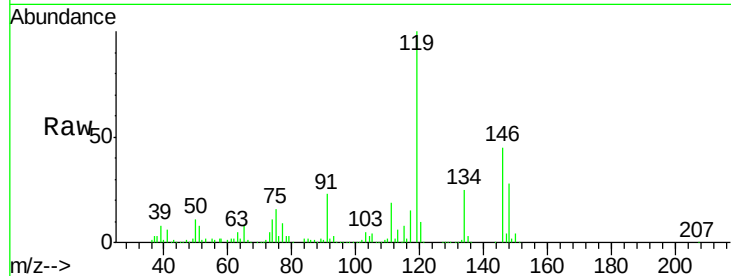
#87
 1,3-Dichlorobenzene
 Concen: 20.722 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.9	62.7
148	63.2	32.2	96.6

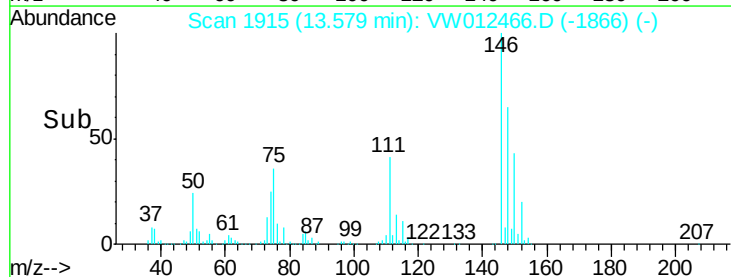
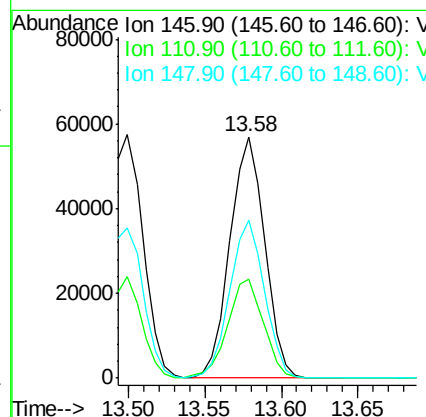
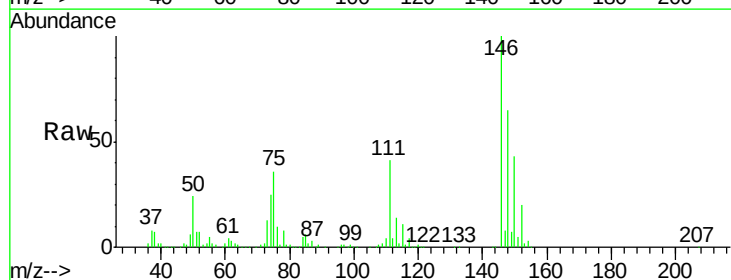
Manual Integrations
 APPROVED

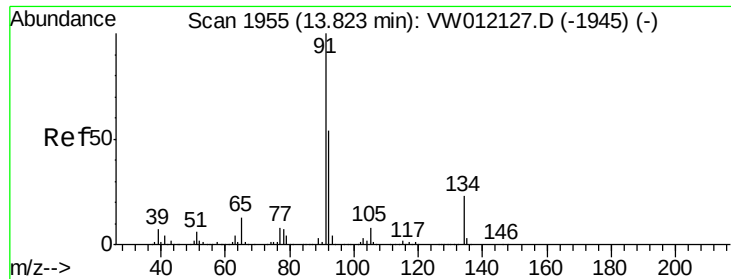
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 9/3/2019 10:44:49 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.403 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.0	60.0
148	65.2	32.1	96.3





#89

n-Butylbenzene

Concen: 19.308 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

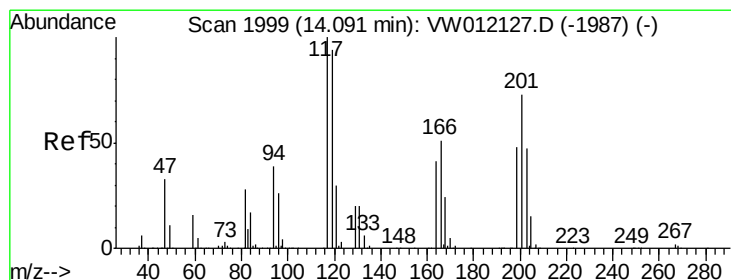
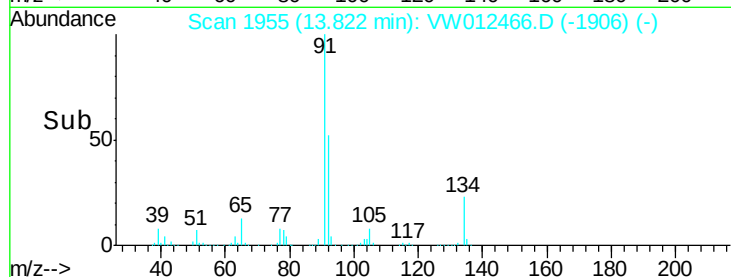
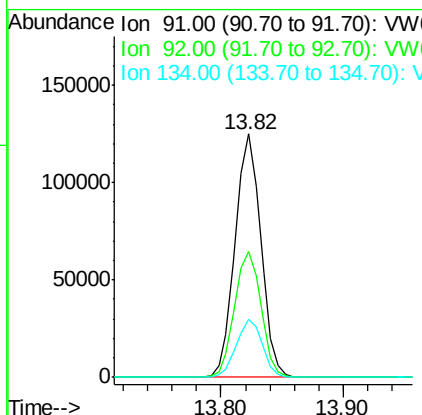
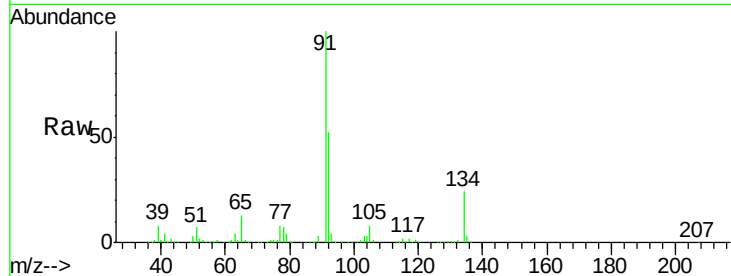
ClientSampleId :

VW0901SBS02

Tot Ion:	91	Resp:	182148
Ion Ratio	Lower	Upper	
91	100		
92	52.9	27.1	81.2
134	24.0	12.2	36.4

Manual Integrations
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#90

Hexachloroethane

Concen: 19.774 ug/l

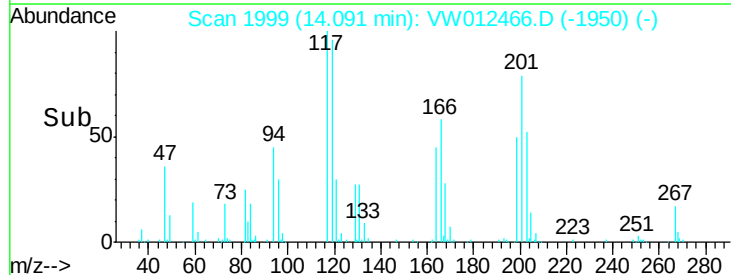
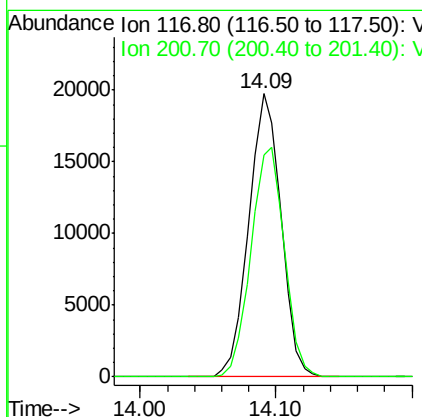
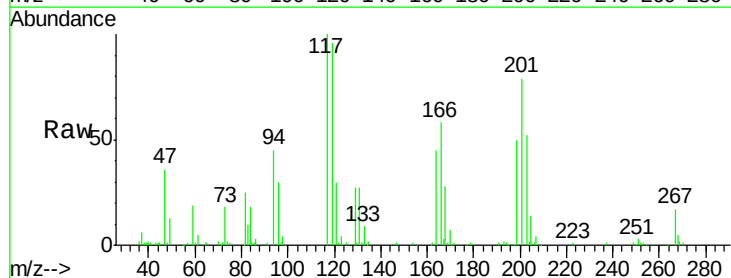
RT: 14.09 min Scan# 1999

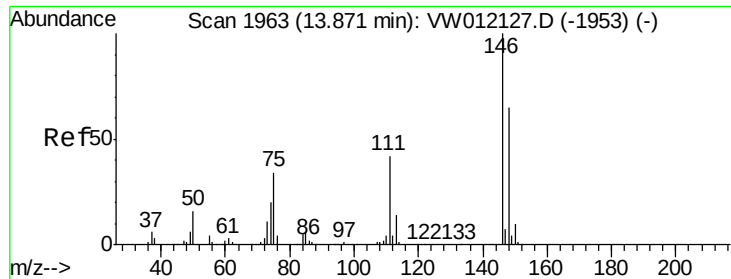
Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	117	Resp:	32911
Ion Ratio	Lower	Upper	
117	100		
201	83.8	38.6	115.7





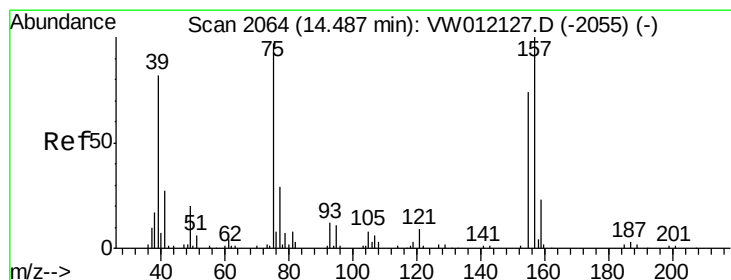
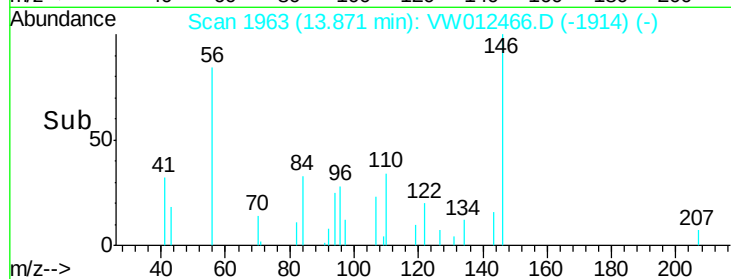
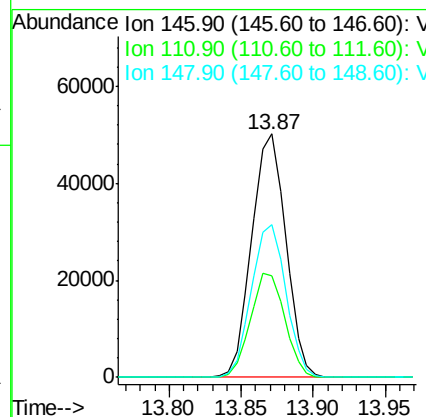
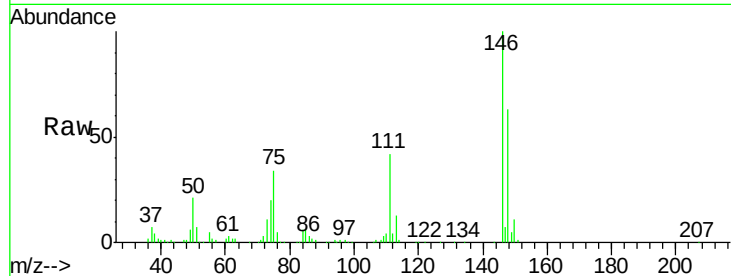
#91
 1,2-Dichlorobenzene
 Concen: 21.176 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	63.5	32.5	97.4

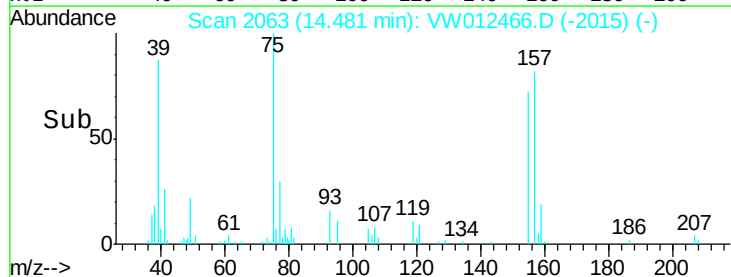
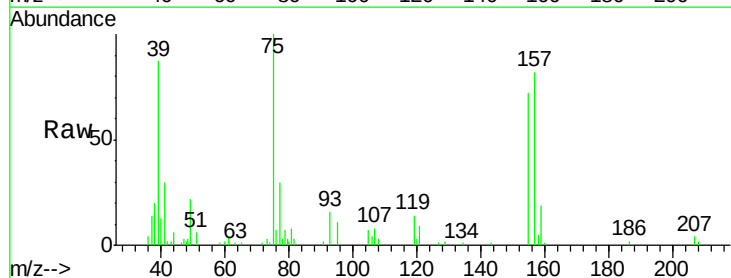
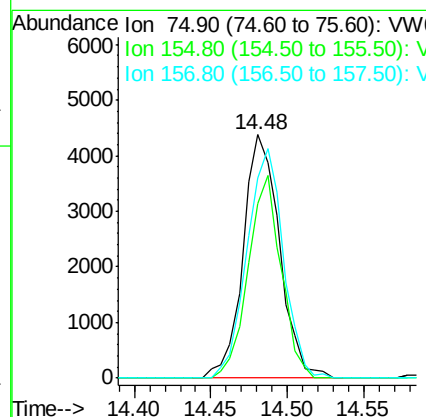
Manual Integrations
 APPROVED

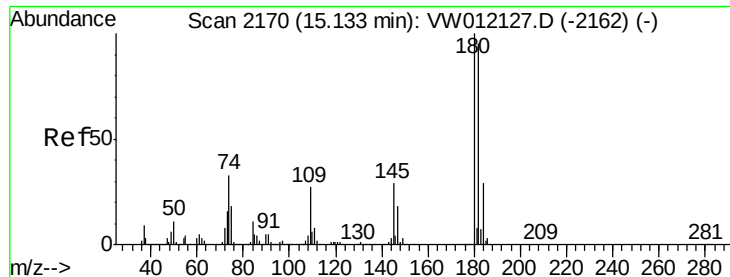
MMDadoda
 9/3/2019 10:44:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.385 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	37.5	112.3
157	94.2	50.5	151.5





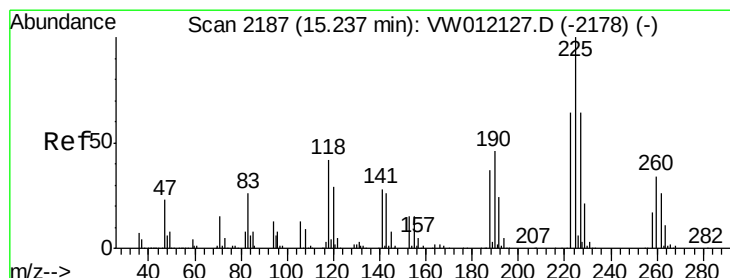
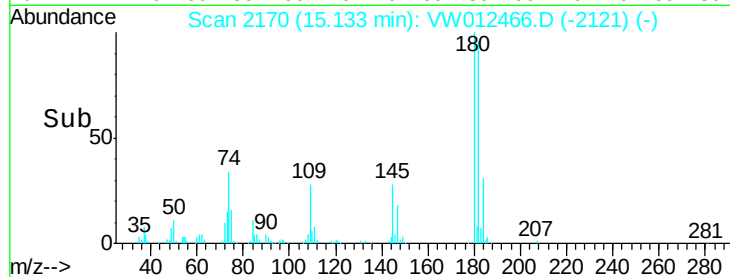
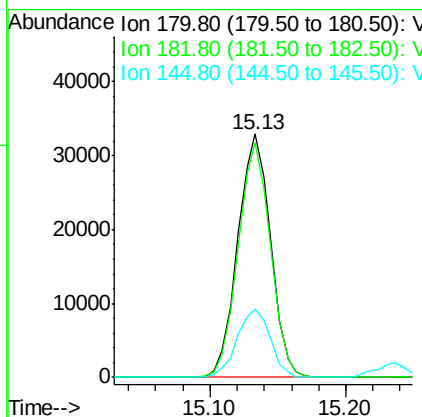
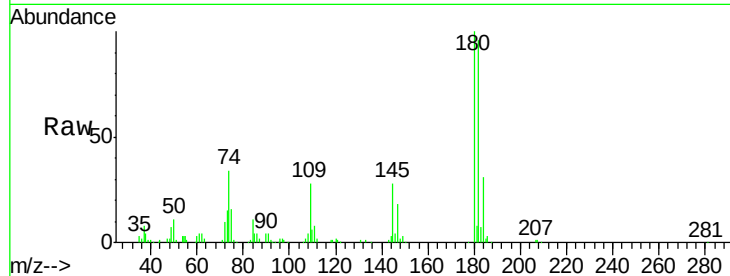
#93
 1,2,4-Trichlorobenzene
 Concen: 20.584 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	55313		
182	94.8	47.8	143.4	
145	28.5	15.0	45.1	

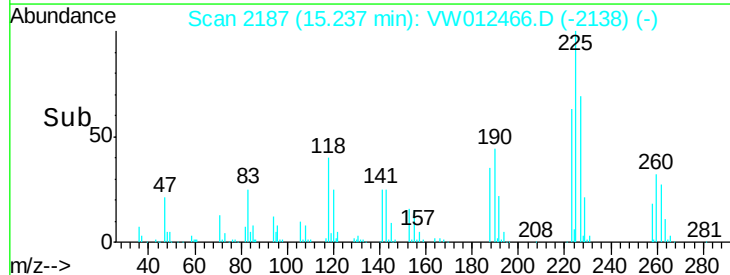
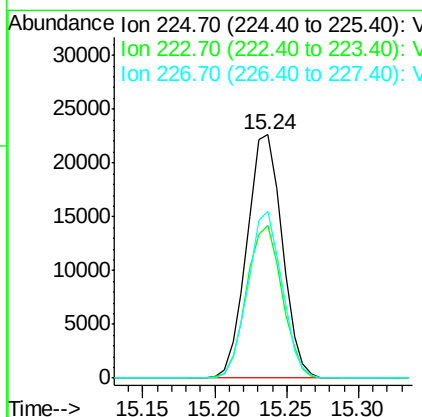
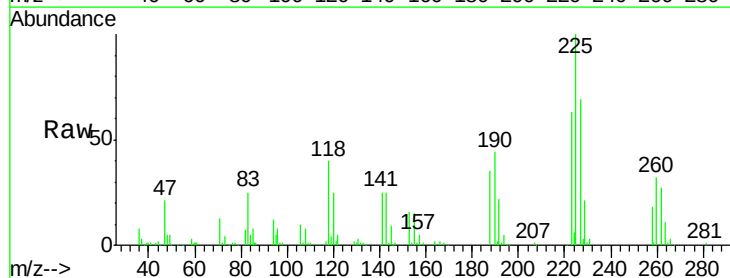
Manual Integrations
 APPROVED

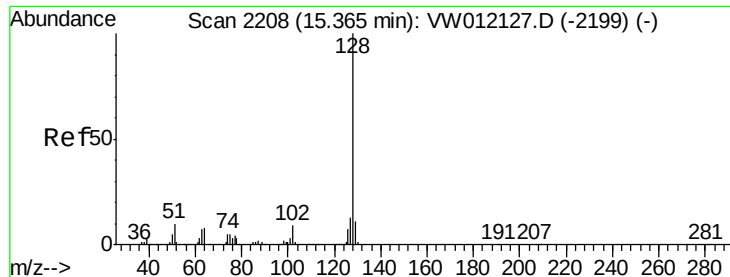
MMDadoda
 9/3/2019 10:44:49 AM



#94
 Hexachlorobutadiene
 Concen: 21.676 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38461		
223	63.0	32.3	96.8	
227	66.0	32.9	98.6	





#95

Naphthalene

Concen: 20.791 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

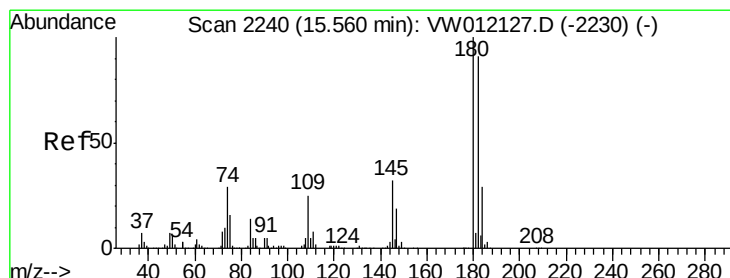
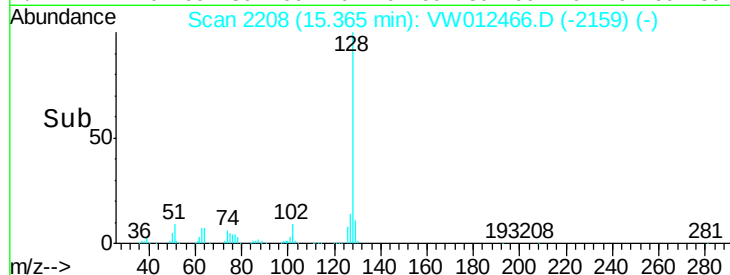
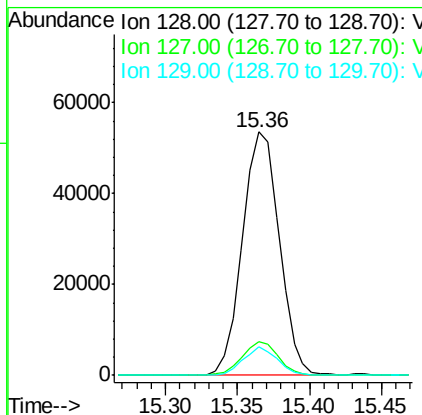
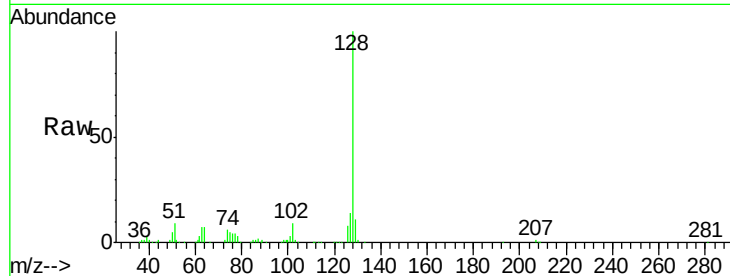
ClientSampleId :

VW0901SBS02

Tot Ion:	128	Resp:	95062
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.7	16.1
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/3/2019 10:44:49 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.007 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion:	180	Resp:	49251
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.1	141.3
145	30.5	16.2	48.5

