

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012840.D
 Acq On : 10 Sep 2019 00:11
 Operator : SY/VA
 Sample : VW0909SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:45 AM

Quant Time: Sep 10 07:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	131494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108016	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.88	113	86354	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.32	98	350041	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	122769	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	18343	17.063	ug/l	98
3) Chloromethane	2.21	50	25074	19.192	ug/l	94
4) Vinyl Chloride	2.36	62	31464	19.641	ug/l	100
5) Bromomethane	2.75	94	18180	20.899	ug/l	97
6) Chloroethane	2.90	64	18378	19.225	ug/l #	86
7) Trichlorofluoromethane	3.24	101	17969	16.255	ug/l	98
8) Diethyl Ether	3.68	74	20147	21.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31944	18.414	ug/l	95
10) Methyl Iodide	4.26	142	41489	18.998	ug/l	98
11) Tert butyl alcohol	5.19	59	18290	107.890	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	29860	18.234	ug/l	99
13) Acrolein	3.89	56	12537	69.690	ug/l	94
14) Allyl chloride	4.66	41	60113	17.745	ug/l	99
15) Acrylonitrile	5.37	53	54724	100.842	ug/l	98
16) Acetone	4.12	43	49509	81.963	ug/l	96
17) Carbon Disulfide	4.38	76	60786	17.487	ug/l	99
18) Methyl Acetate	4.67	43	35474	25.031	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	66679	20.531	ug/l	95
20) Methylene Chloride	4.91	84	39719	21.018	ug/l	85
21) trans-1,2-Dichloroethene	5.42	96	33084	19.799	ug/l	93
22) Diisopropyl ether	6.31	45	129830	19.323	ug/l	97
23) Vinyl Acetate	6.25	43	391998	92.059	ug/l	100
24) 1,1-Dichloroethane	6.21	63	68157	18.839	ug/l	98
25) 2-Butanone	7.17	43	75369	97.751	ug/l	94
26) 2,2-Dichloropropane	7.16	77	38244	16.737	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	39394	20.332	ug/l	94
28) Bromochloromethane	7.51	49	29932	18.018	ug/l #	91
29) Tetrahydrofuran	7.52	42	51983	106.568	ug/l	97
30) Chloroform	7.67	83	69405	19.358	ug/l	98
31) Cyclohexane	7.95	56	59673	18.322	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	55484	19.091	ug/l	97
36) 1,1-Dichloropropene	8.08	75	50040	18.761	ug/l	98
37) Ethyl Acetate	7.25	43	34716	20.417	ug/l	99
38) Carbon Tetrachloride	8.06	117	49258	18.734	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	57639	19.240	ug/l	97
40) Benzene	8.32	78	144682	19.550	ug/l	98
41) Methacrylonitrile	7.48	41	23310	22.458	ug/l	97
42) 1,2-Dichloroethane	8.40	62	51087	19.615	ug/l	97
43) Isopropyl Acetate	8.42	43	63626	19.751	ug/l	97
44) Trichloroethene	9.09	130	38920	20.402	ug/l	85
45) 1,2-Dichloropropane	9.37	63	39597	19.292	ug/l	99
46) Dibromomethane	9.46	93	19092	19.643	ug/l	94
47) Bromodichloromethane	9.64	83	49739	18.601	ug/l	99
48) Methyl methacrylate	9.44	41	29402	19.099	ug/l	99
49) 1,4-Dioxane	9.46	88	8052	419.399	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	168820	99.873	ug/l	99
52) Toluene	10.38	92	90823	19.663	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	50163	18.243	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	58571	18.777	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30401	20.892	ug/l	93
56) Ethyl methacrylate	10.65	69	43217	20.289	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54312	20.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	113526	100.395	ug/l	97
59) 2-Hexanone	10.97	43	116479	94.320	ug/l	98
60) Dibromochloromethane	11.13	129	33227	19.416	ug/l	100
61) 1,2-Dibromoethane	11.23	107	28029	21.010	ug/l	99
64) Tetrachloroethene	10.86	164	34466	21.463	ug/l	95
65) Chlorobenzene	11.66	112	96386	19.270	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	37009	19.868	ug/l	99
67) Ethyl Benzene	11.73	91	180466	19.230	ug/l	99
68) m/p-Xylenes	11.83	106	131547	38.833	ug/l	99
69) o-Xylene	12.16	106	63941	20.008	ug/l	93
70) Styrene	12.18	104	112015	19.835	ug/l	98
71) Bromoform	12.35	173	20924	20.218	ug/l #	98
73) Isopropylbenzene	12.46	105	181943	19.292	ug/l	99
74) N-amyl acetate	12.27	43	54351	18.156	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	36612	19.330	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	29939m	22.266	ug/l	
77) Bromobenzene	12.74	156	42063	19.686	ug/l	95
78) n-propylbenzene	12.80	91	209237	18.550	ug/l	99
79) 2-Chlorotoluene	12.89	91	123303	19.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	152713	19.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10943	17.214	ug/l	96
82) 4-Chlorotoluene	12.99	91	126102	18.411	ug/l	97
83) tert-Butylbenzene	13.21	119	133668	19.023	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	151116	18.871	ug/l	100
85) sec-Butylbenzene	13.38	105	181873	18.652	ug/l	100
86) p-Isopropyltoluene	13.50	119	165004	18.526	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	81348	19.370	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	79731	19.079	ug/l	99
89) n-Butylbenzene	13.82	91	151443	17.515	ug/l	99
90) Hexachloroethane	14.09	117	28638	18.419	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	73356	19.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6446	18.597	ug/l	96

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QLast Update : Sun Sep 08 05:04:40 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	50179	19.066	ug/l	98
94) Hexachlorobutadiene	15.24	225	33823	18.567	ug/l	98
95) Naphthalene	15.36	128	99750	20.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	45823	19.725	ug/l	100

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

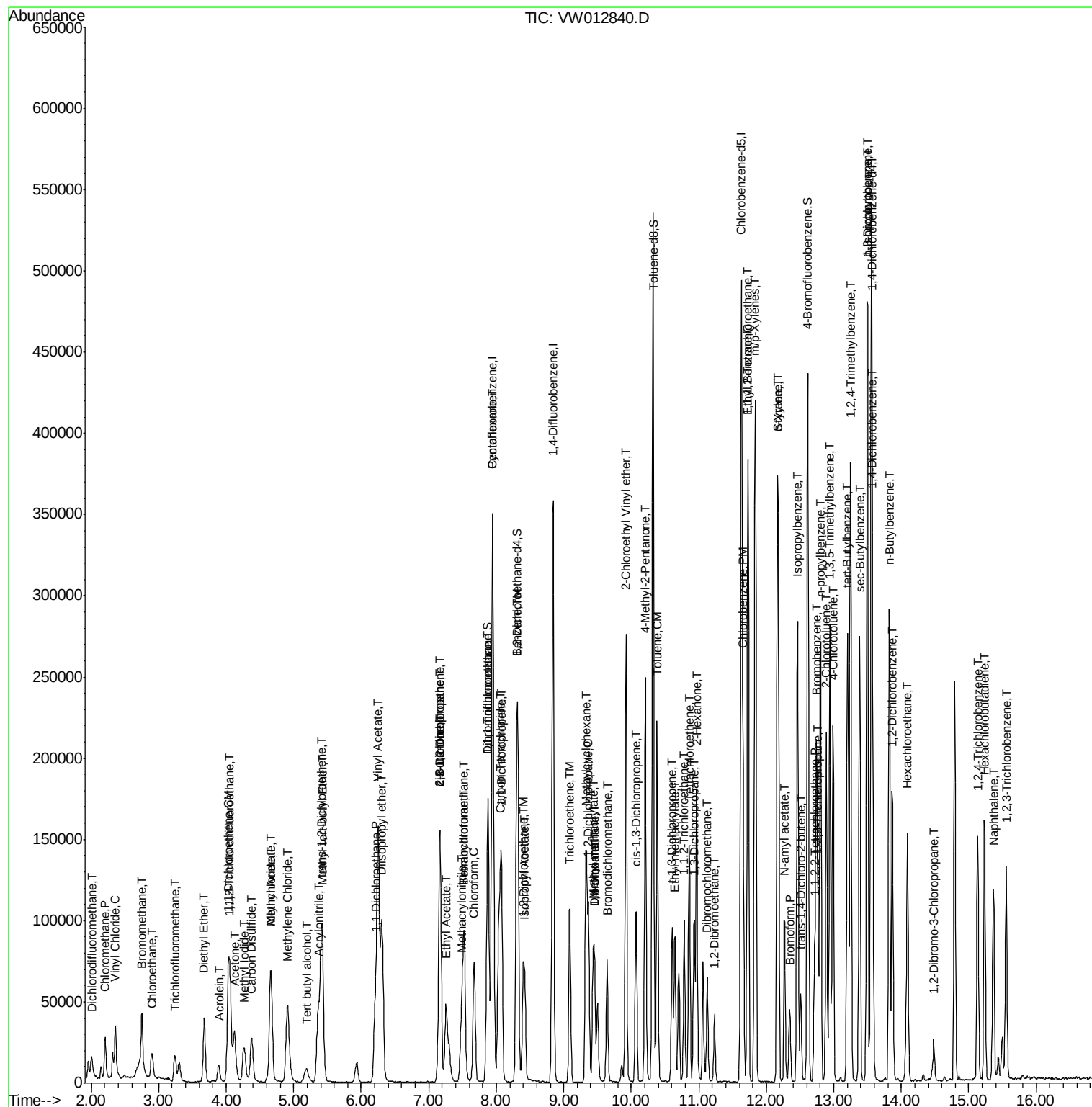
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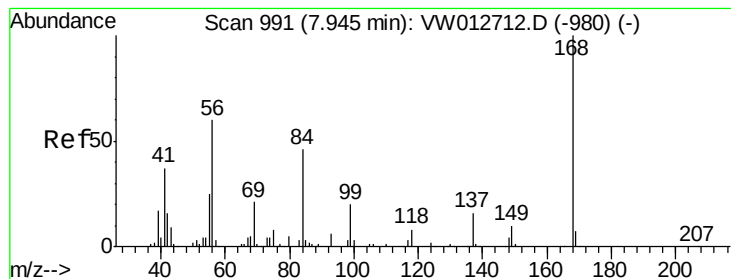
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

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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: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion:168 Resp: 198303

Ion Ratio Lower Upper

168 100

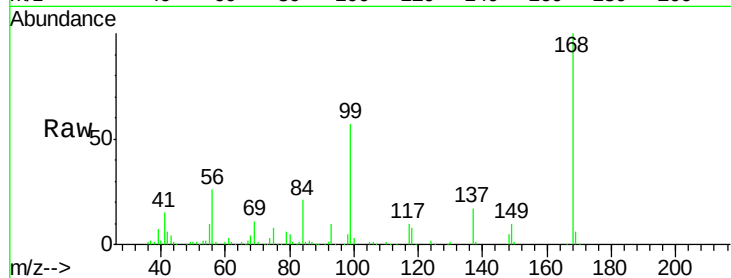
99 56.6 47.8 71.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

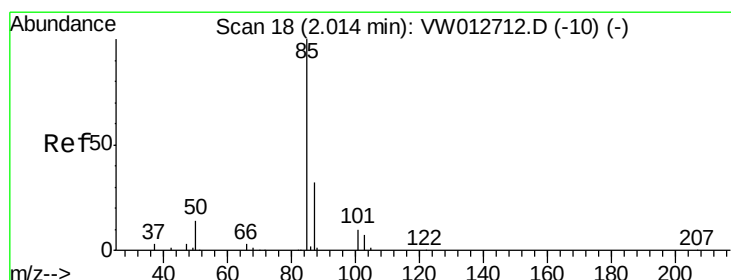
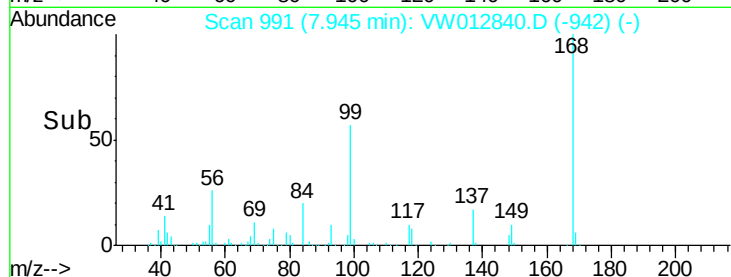
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 17.063 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012840.D

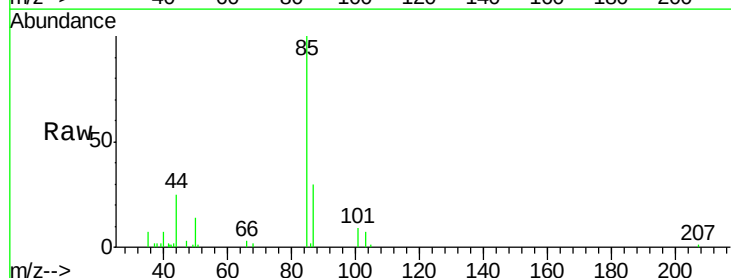
Acq: 10 Sep 2019 00:11

Tgt Ion: 85 Resp: 18343

Ion Ratio Lower Upper

85 100

87 30.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

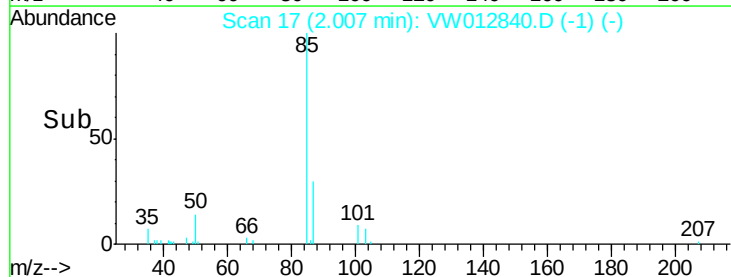
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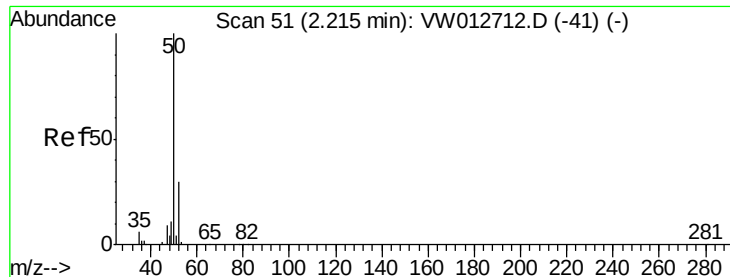
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.192 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 50 Resp: 25074

Ion Ratio Lower Upper

50 100

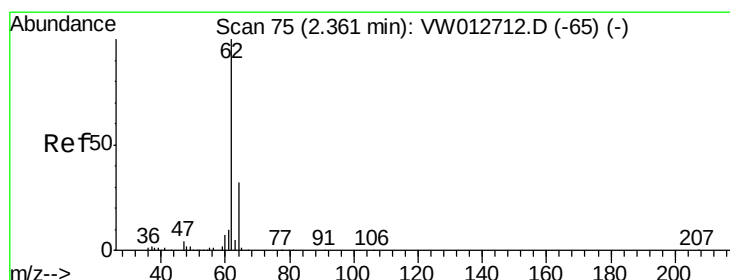
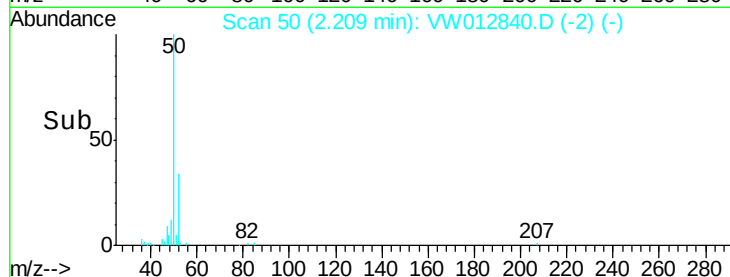
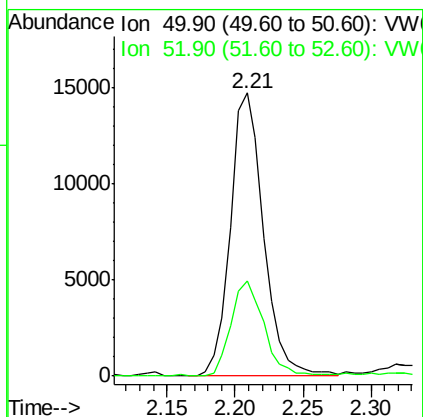
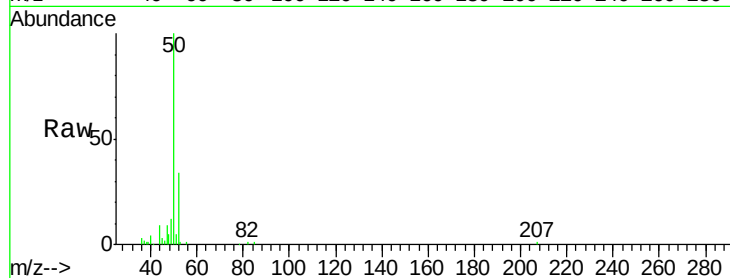
52 33.5 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.641 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012840.D

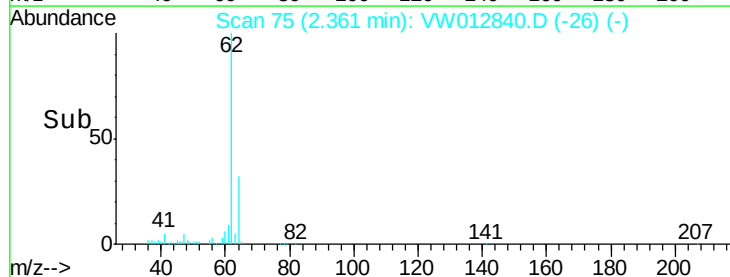
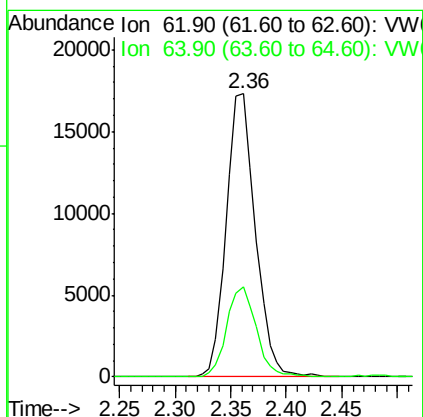
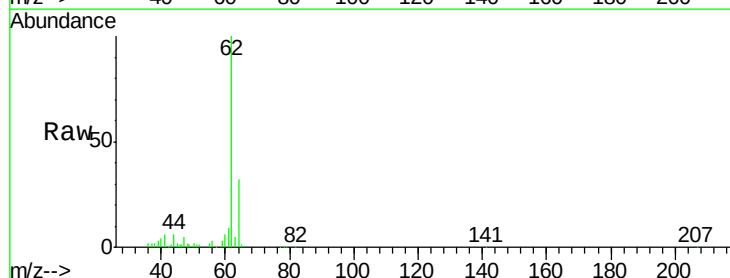
Acq: 10 Sep 2019 00:11

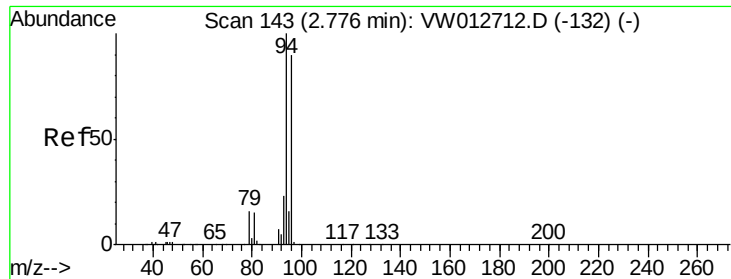
Tgt Ion: 62 Resp: 31464

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 20.899 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 18180

Ion Ratio Lower Upper

94 100

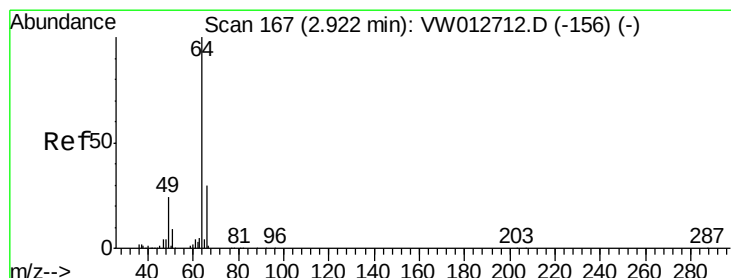
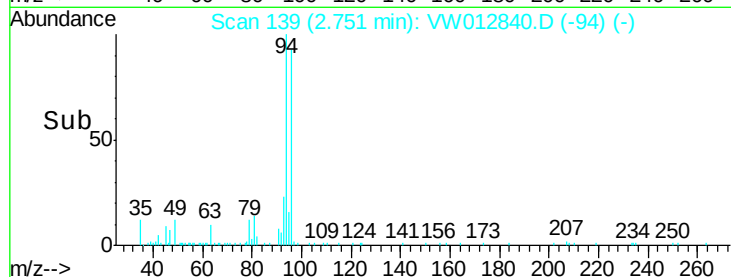
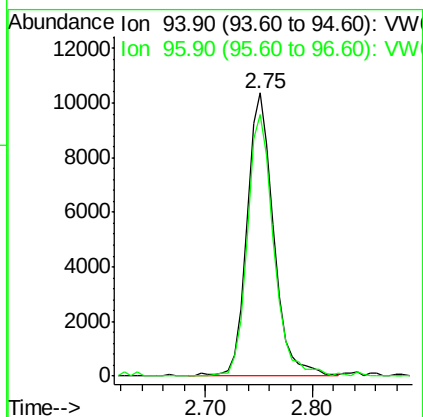
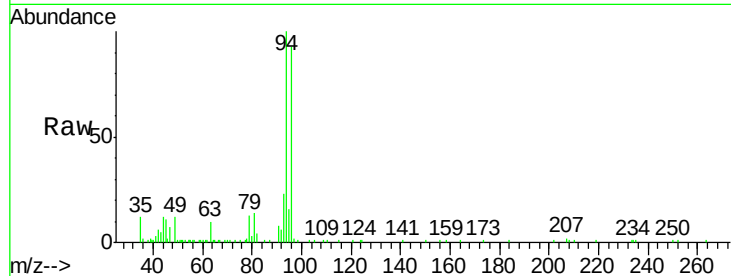
96 92.6 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 19.225 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW012840.D

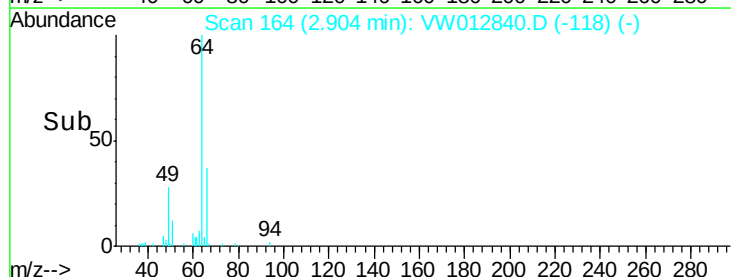
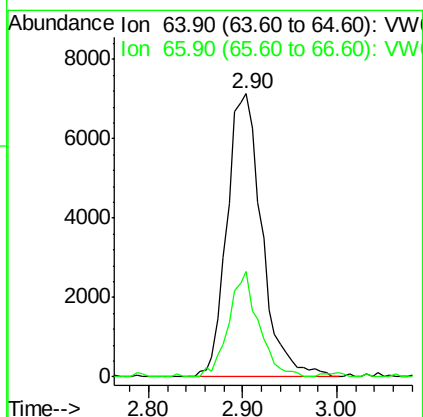
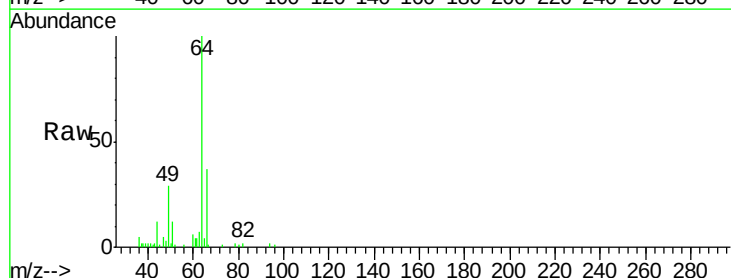
Acq: 10 Sep 2019 00:11

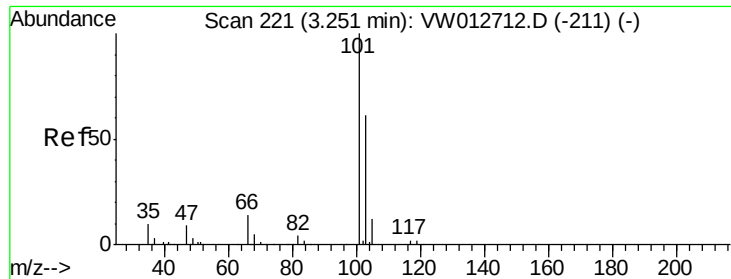
Tgt Ion: 64 Resp: 18378

Ion Ratio Lower Upper

64 100

66 37.5 23.8 35.6#





#7

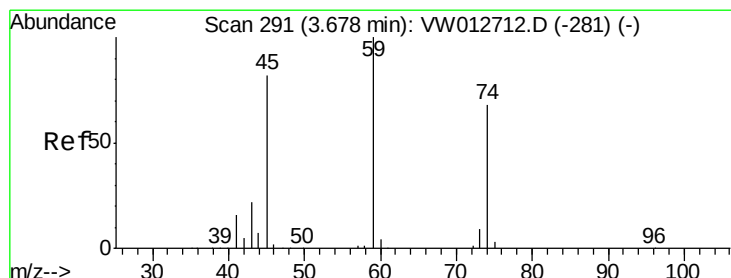
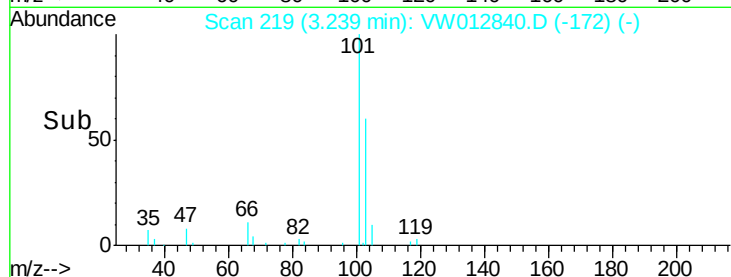
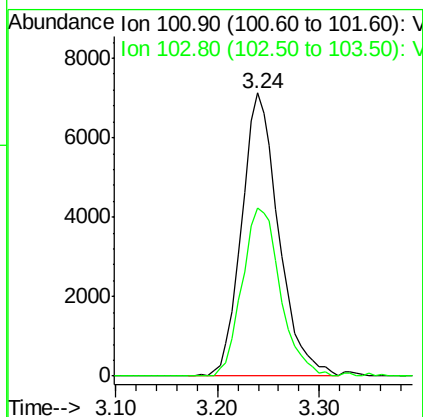
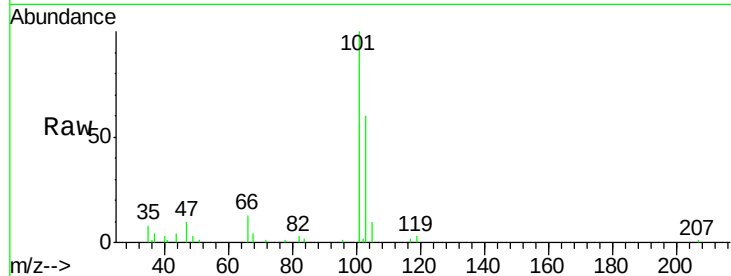
Trichlorofluoromethane
 Concen: 16.255 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	59.6	49.0	73.4

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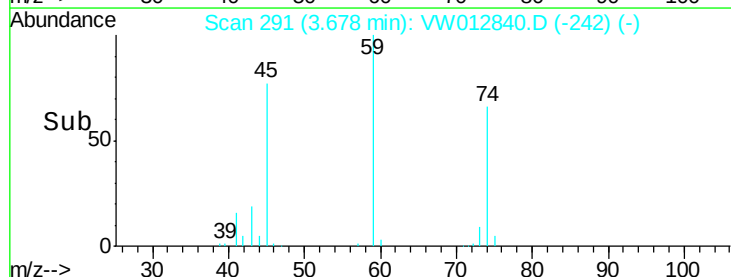
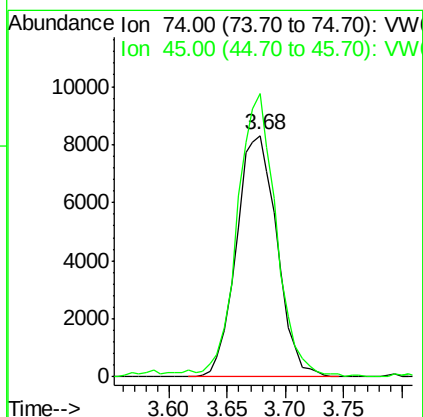
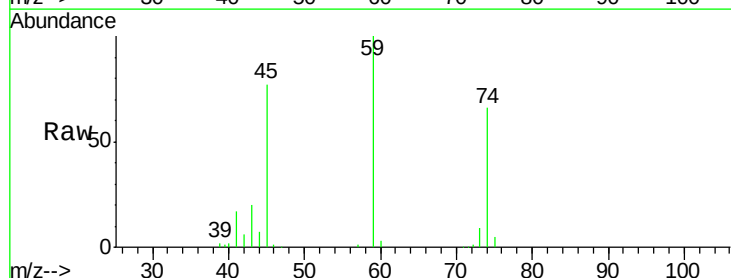
MMDadoda
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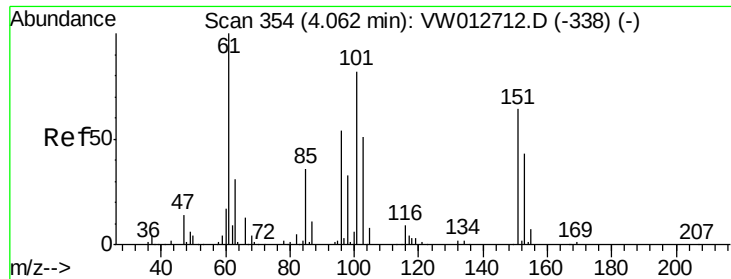


#8

Diethyl Ether
 Concen: 21.684 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.8	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.414 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012840.D

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Instrument :

MSVOA_W

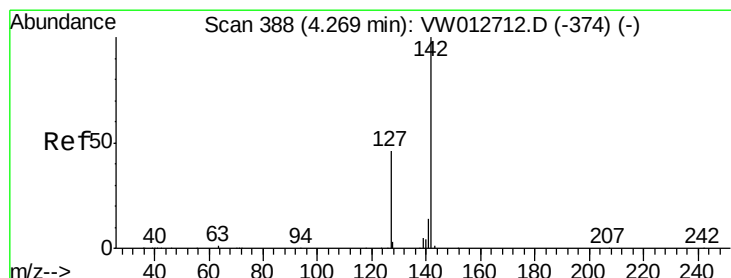
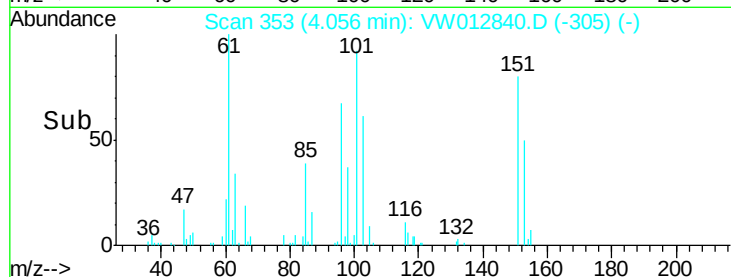
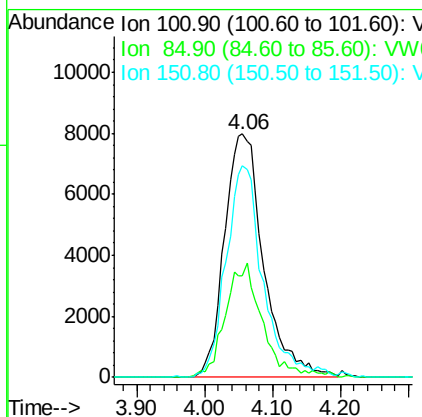
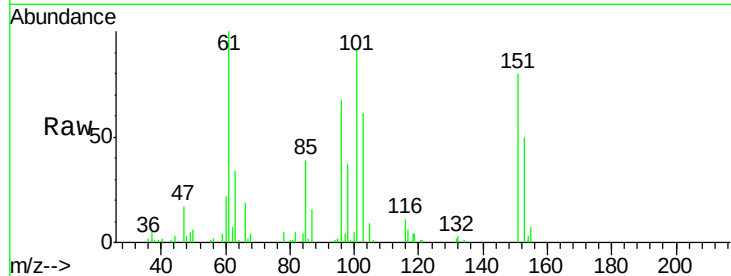
ClientSampleId :

VW0909SBS02

Tot Ion:	101	Resp:	31944
Ion Ratio	Lower	Upper	
101	100		
85	43.3	36.2	54.2
151	82.2	61.9	92.9

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#10

Methyl Iodide

Concen: 18.998 ug/l

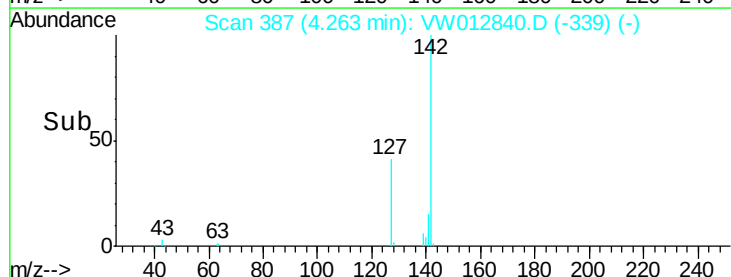
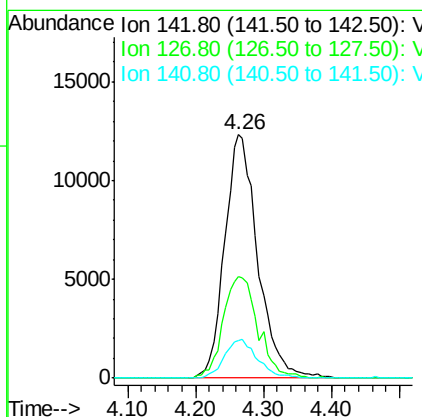
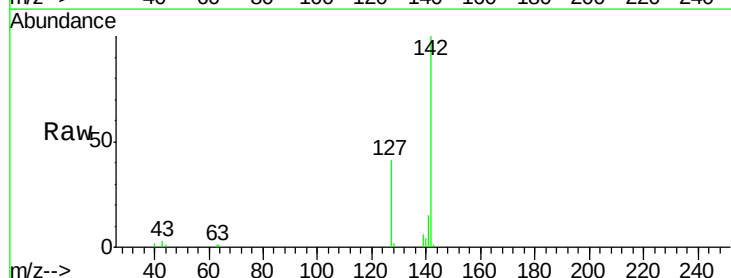
RT: 4.26 min Scan# 387

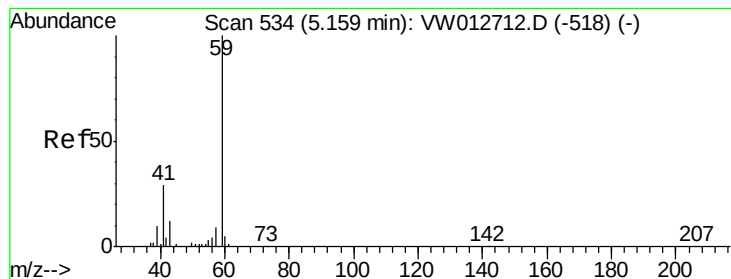
Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion:	142	Resp:	41489
Ion Ratio	Lower	Upper	
142	100		
127	43.8	36.0	54.0
141	15.8	12.2	18.4





#11

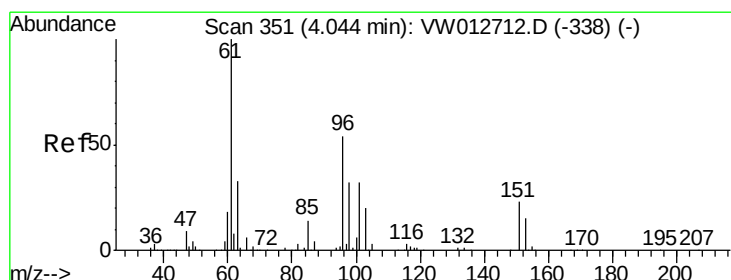
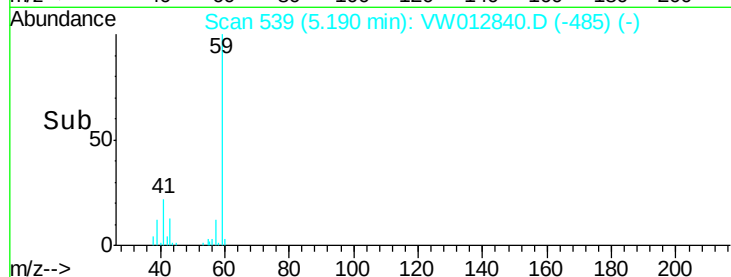
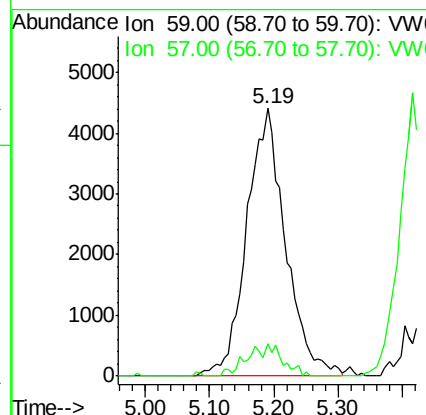
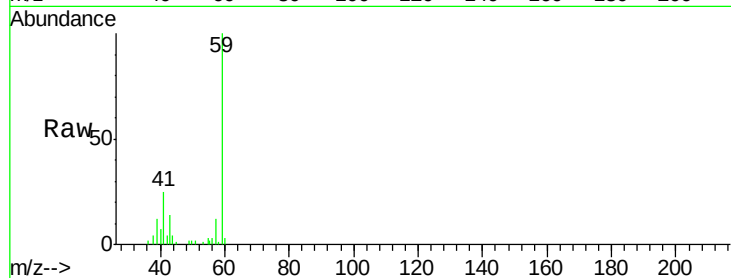
Tert butyl alcohol
Concen: 107.890 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.03 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.2	12.4#

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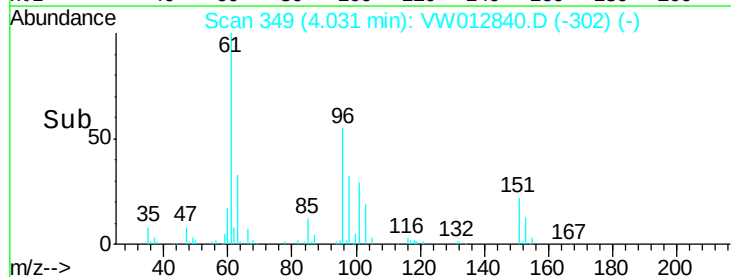
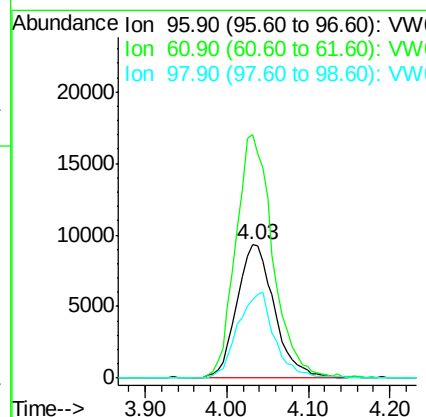
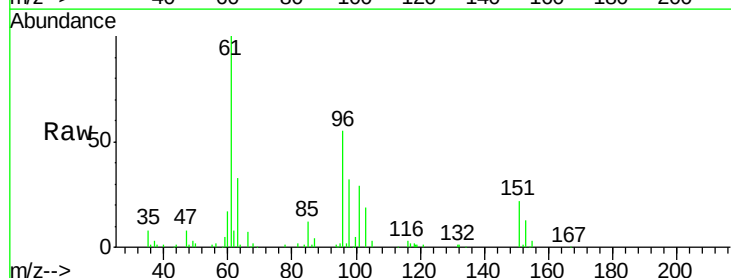
MMDadoda
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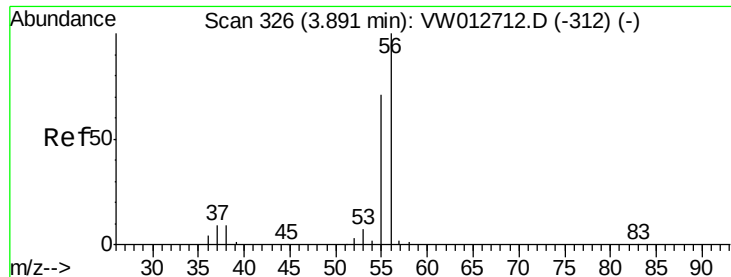


#12

1,1-Dichloroethene
Concen: 18.234 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.7	147.8	221.6
98	59.2	47.9	71.9





#13

Acrolein

Concen: 69.690 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 56 Resp: 12537

Ion Ratio Lower Upper

56 100

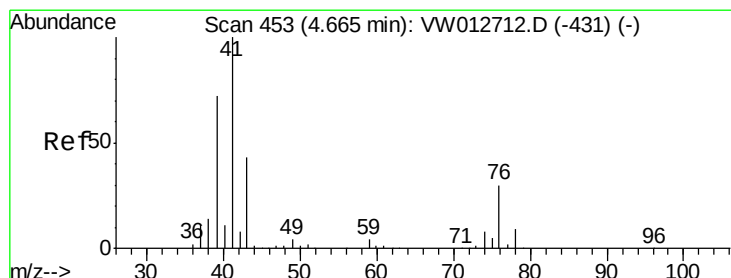
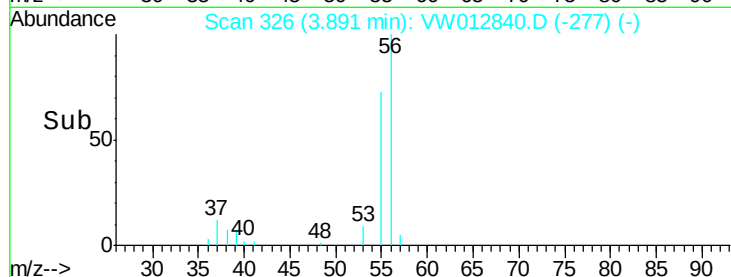
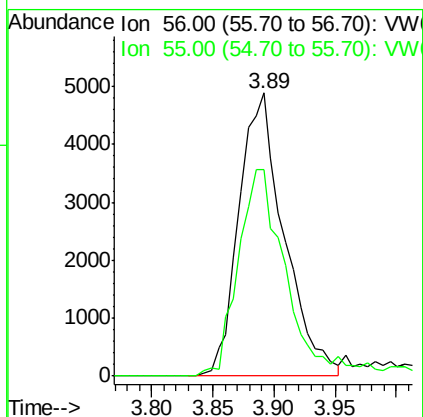
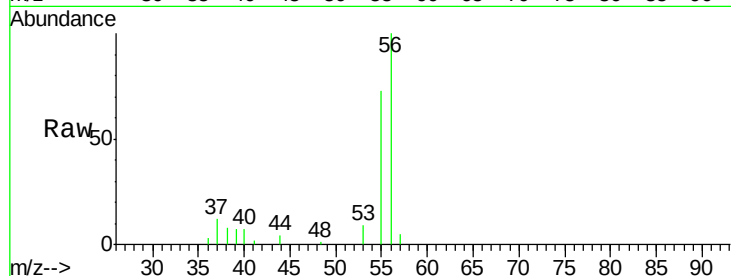
55 76.1 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.745 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

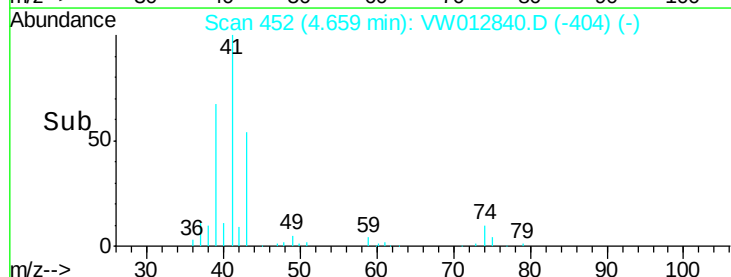
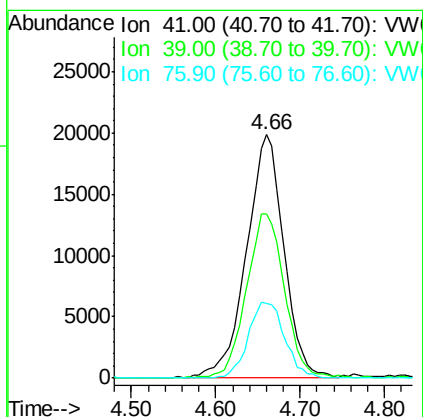
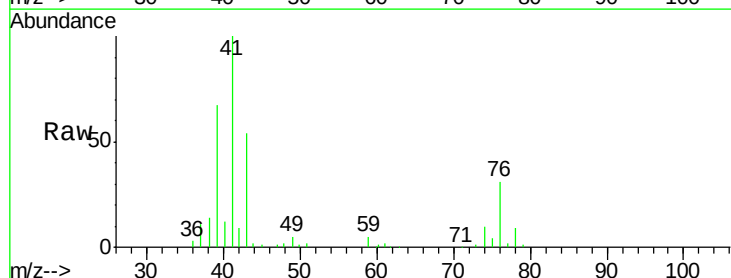
Tgt Ion: 41 Resp: 60113

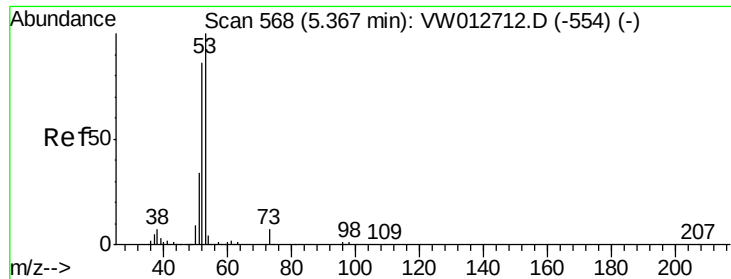
Ion Ratio Lower Upper

41 100

39 68.8 55.0 82.6

76 30.2 23.0 34.4





#15

Acrylonitrile

Concen: 100.842 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

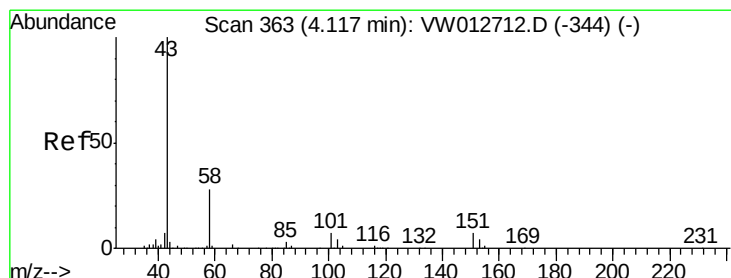
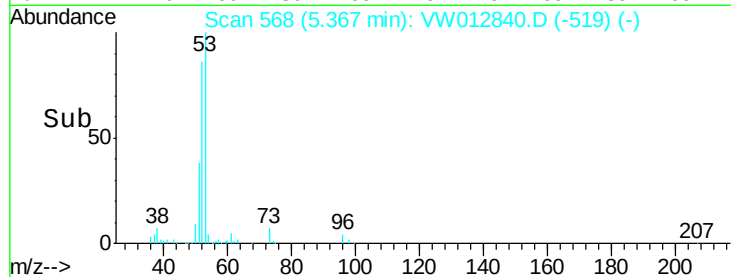
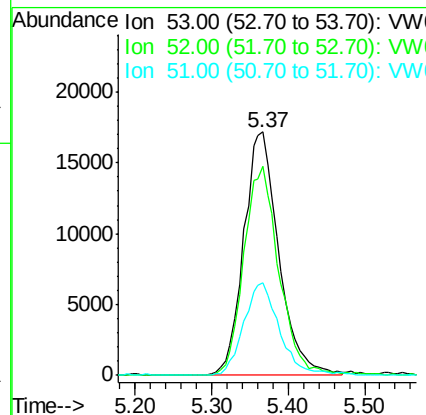
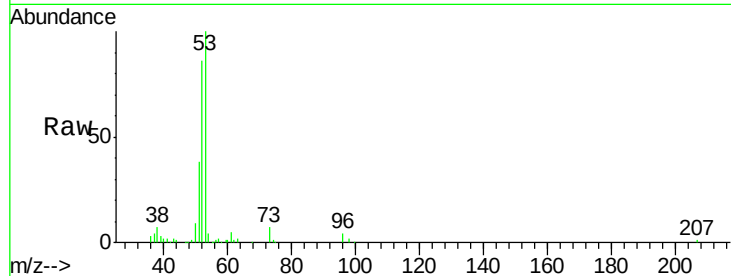
ClientSampleId :

VW0909SBS02

Tot Ion:	53	Resp:	54724
Ion	Ratio	Lower	Upper
53	100		
52	85.7	67.0	100.4
51	39.0	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 81.963 ug/l

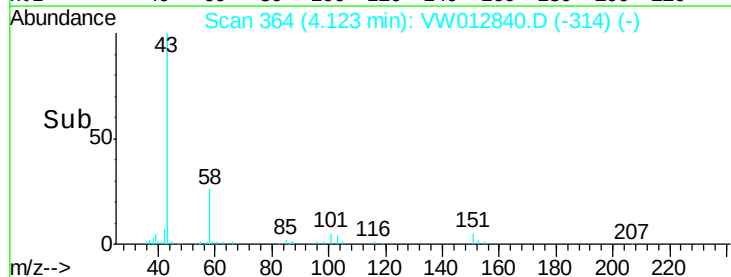
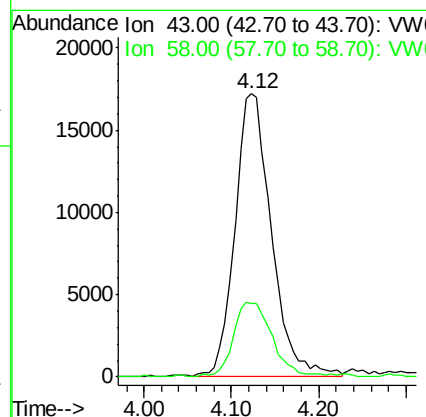
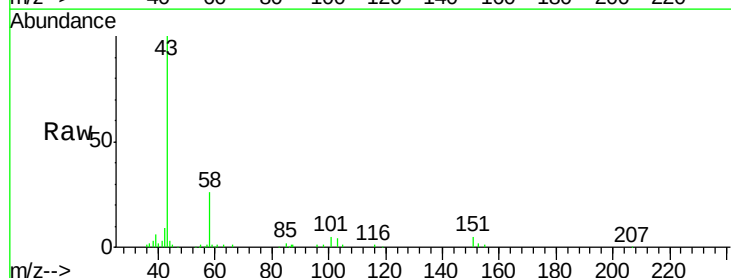
RT: 4.12 min Scan# 364

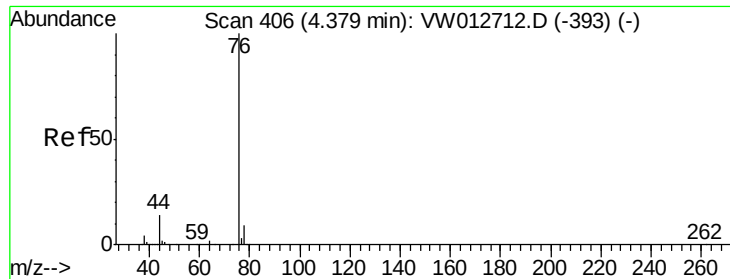
Delta R.T. 0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion:	43	Resp:	49509
Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.6	33.8





#17

Carbon Disulfide

Concen: 17.487 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 76 Resp: 60786

Ion Ratio Lower Upper

76 100

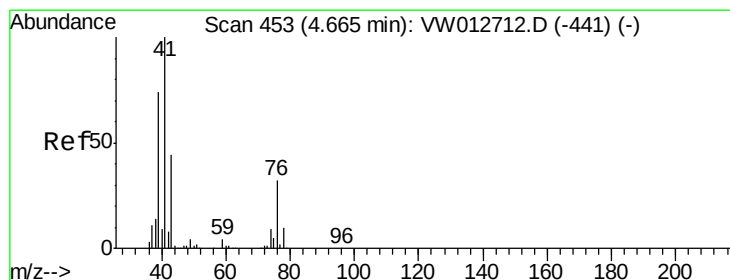
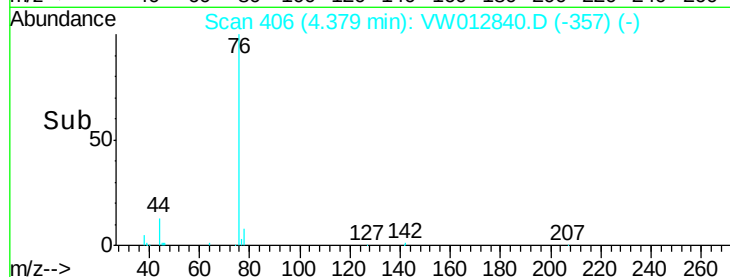
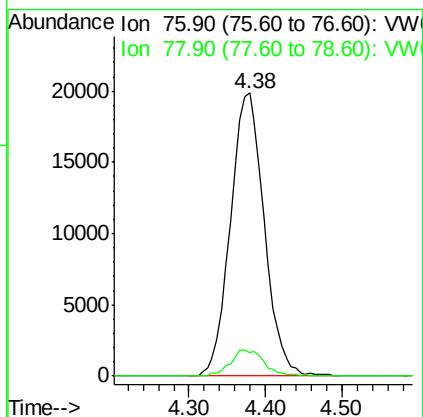
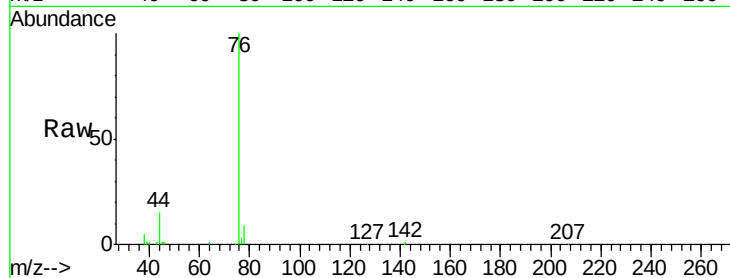
78 8.5 7.2 10.8

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#18

Methyl Acetate

Concen: 25.031 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012840.D

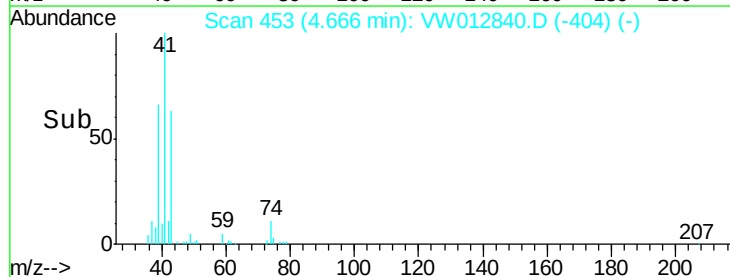
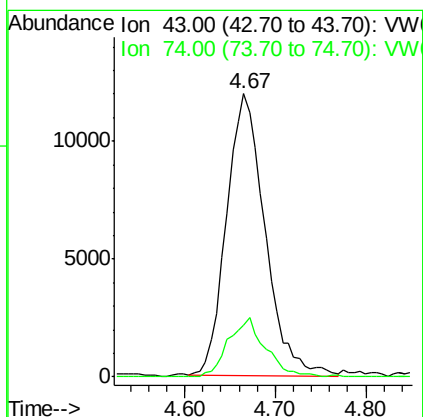
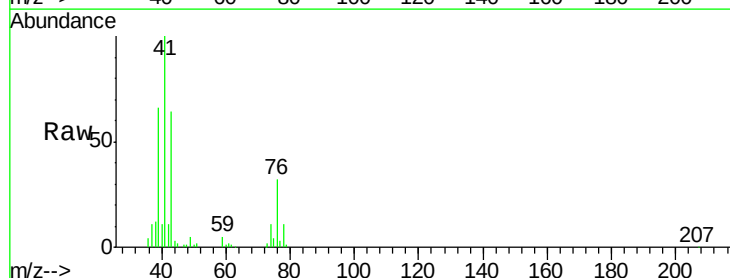
Acq: 10 Sep 2019 00:11

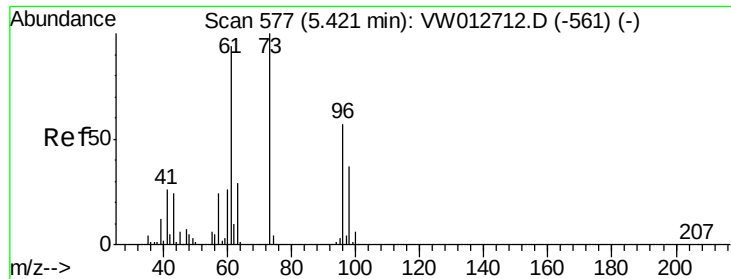
Tgt Ion: 43 Resp: 35474

Ion Ratio Lower Upper

43 100

74 20.0 15.8 23.6





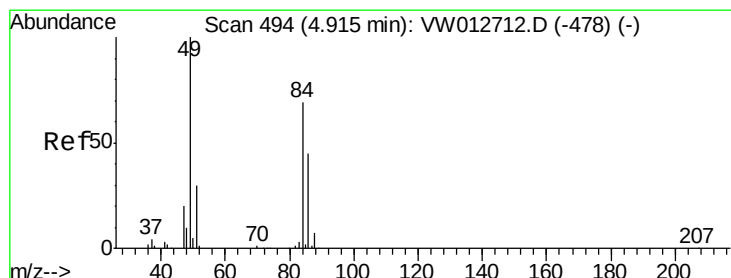
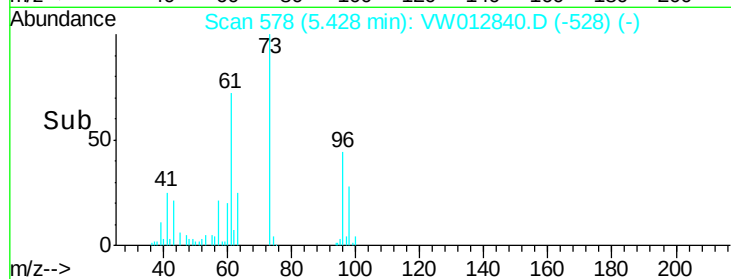
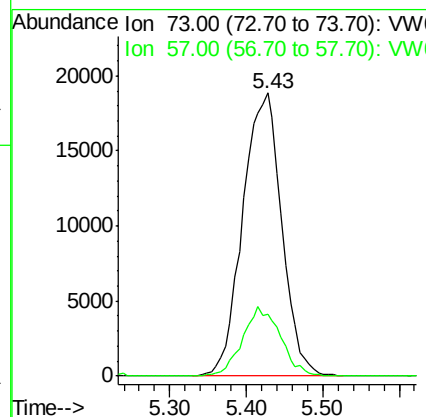
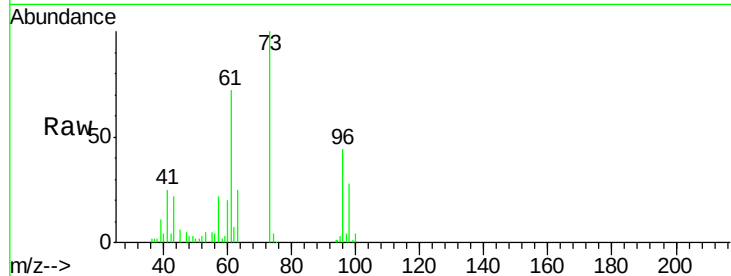
#19
Methyl tert-butyl Ether
Concen: 20.531 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion: 73 Resp: 66679
Ion Ratio Lower Upper
73 100
57 21.7 19.2 28.8

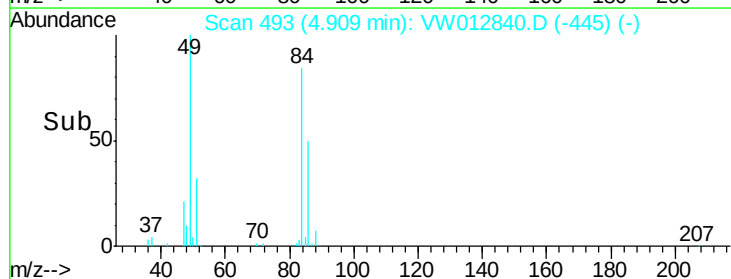
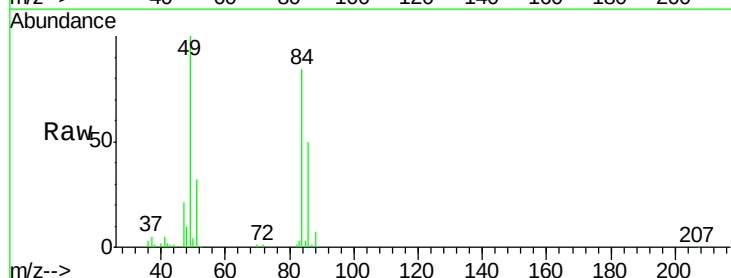
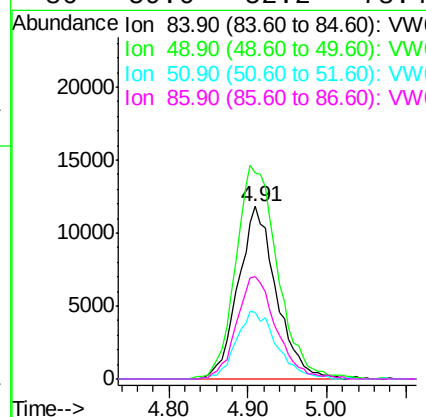
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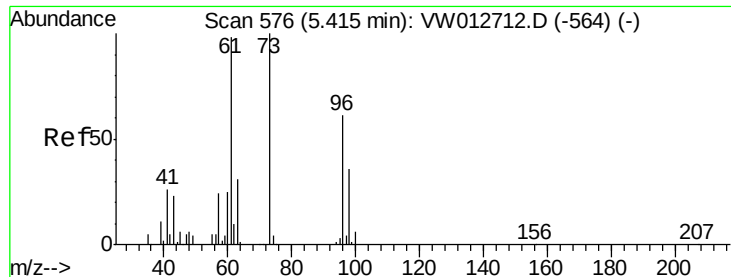
MMDadoda
9/11/2019 8:15:45 AM



#20
Methylene Chloride
Concen: 21.018 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 84 Resp: 39719
Ion Ratio Lower Upper
84 100
49 118.9 115.4 173.0
51 38.4 34.9 52.3
86 59.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.799 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

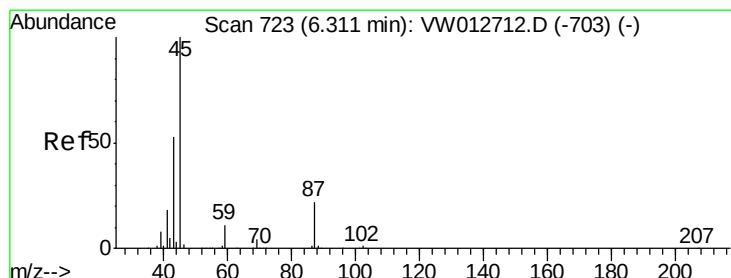
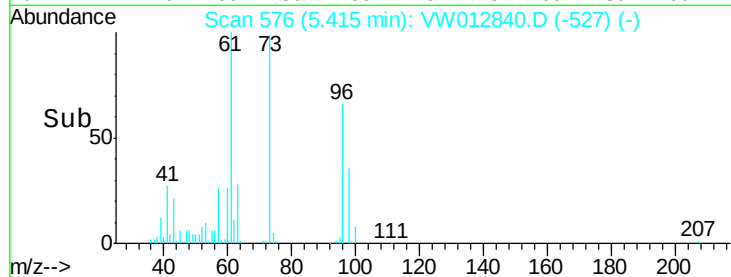
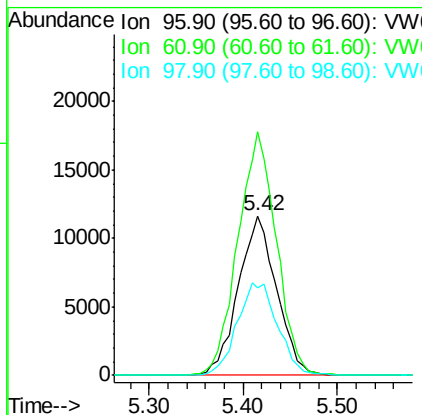
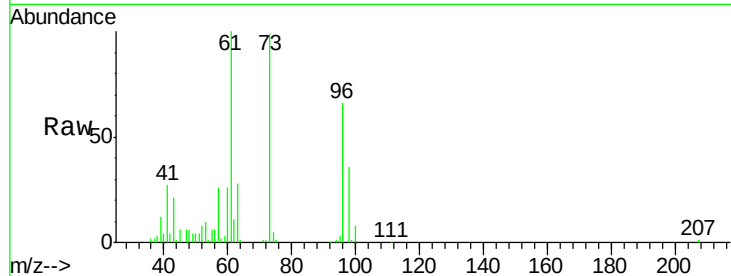
ClientSampleId :

VW0909SBS02

Tot Ion:	96	Resp:	33084
Ion	Ratio	Lower	Upper
96	100		
61	152.5	129.2	193.8
98	55.1	48.0	72.0

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#22

Diisopropyl ether

Concen: 19.323 ug/l

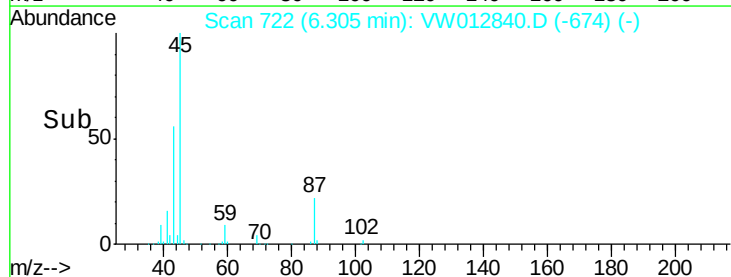
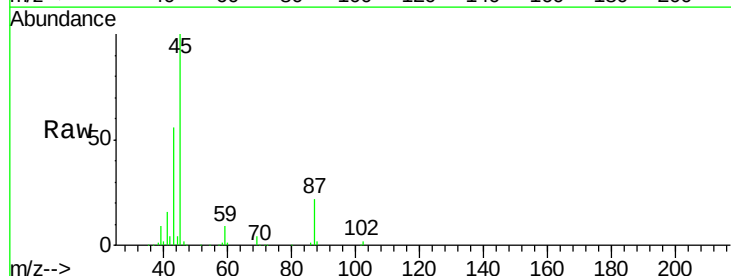
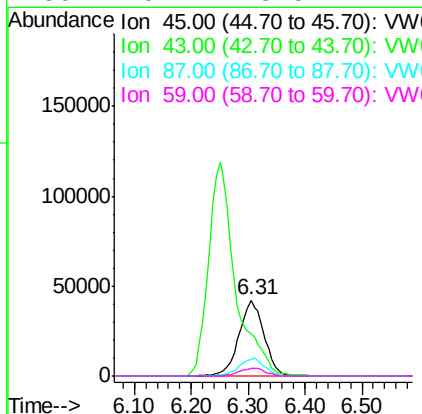
RT: 6.31 min Scan# 722

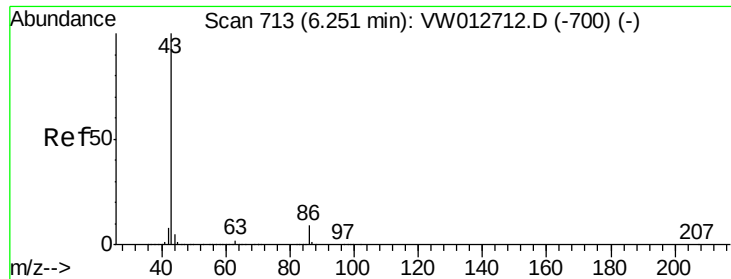
Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion:	45	Resp:	129830
Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.3	63.5
87	21.6	18.2	27.2
59	9.4	8.5	12.7





#23

Vinyl Acetate

Concen: 92.059 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tot Ion: 43 Resp: 391998

Ion Ratio Lower Upper

43 100

86 8.9 7.0 10.6

Instrument :

MSVOA_W

ClientSampleId :

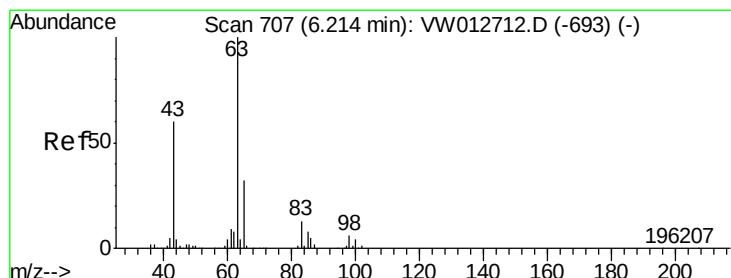
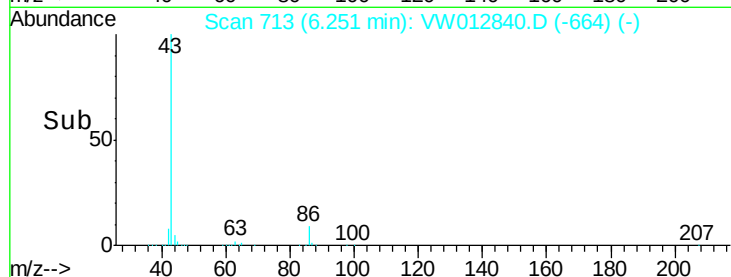
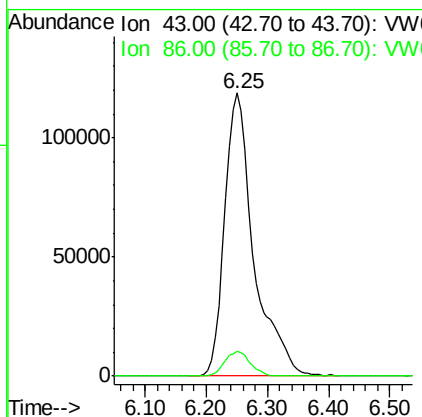
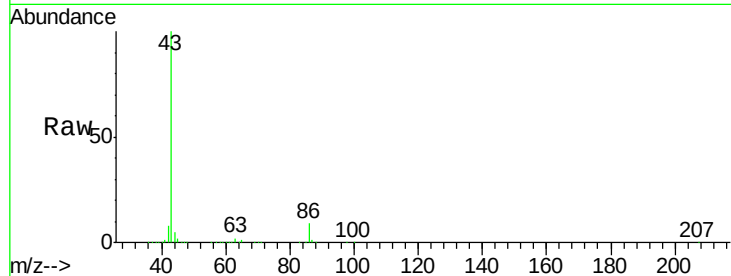
VW0909SBS02

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#24

1,1-Dichloroethane

Concen: 18.839 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

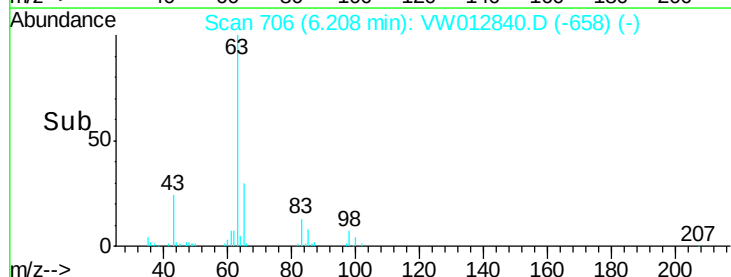
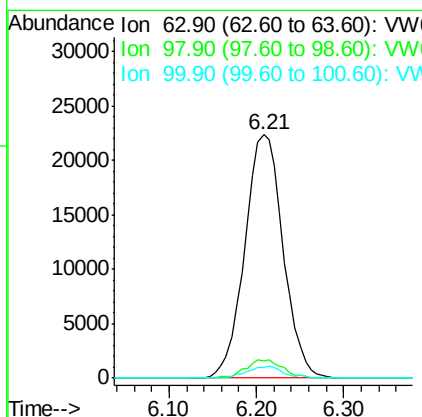
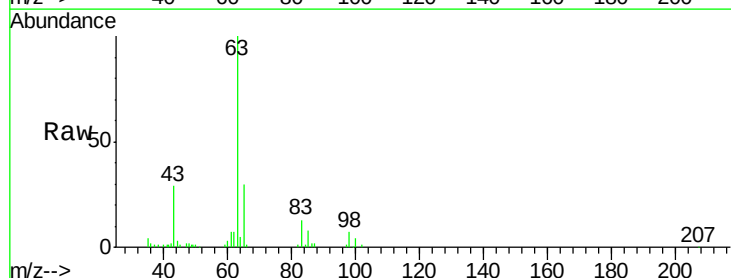
Tgt Ion: 63 Resp: 68157

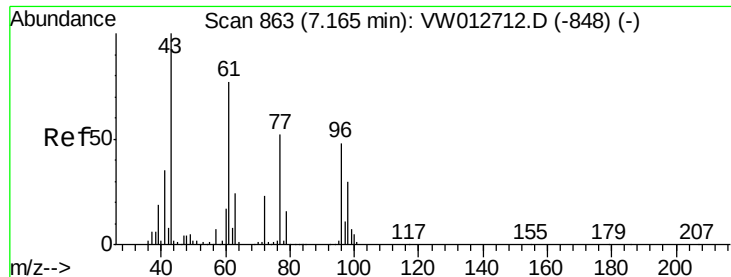
Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.3

100 4.4 1.8 5.5





#25

2-Butanone

Concen: 97.751 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 43 Resp: 75369

Ion Ratio Lower Upper

43 100

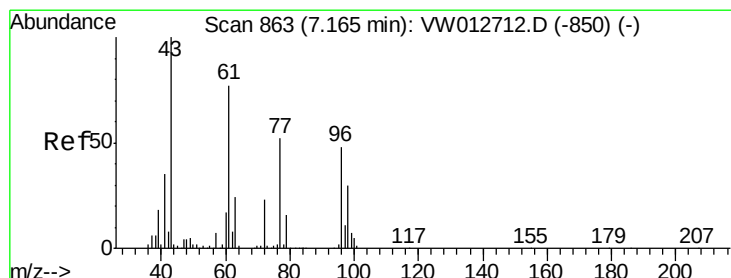
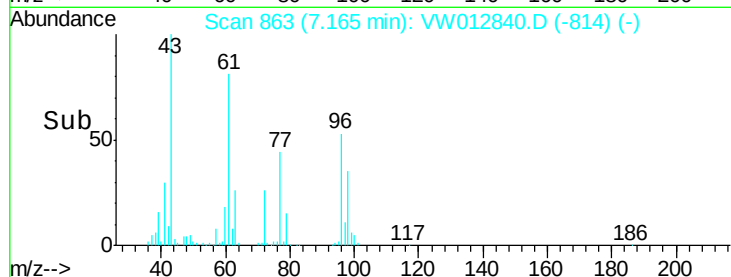
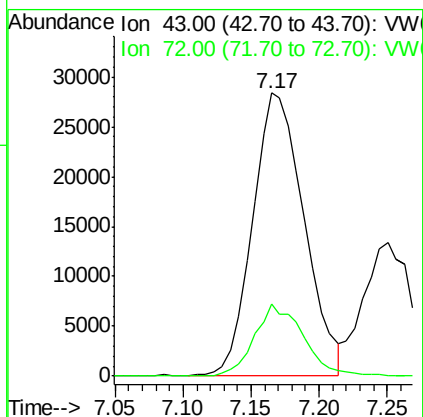
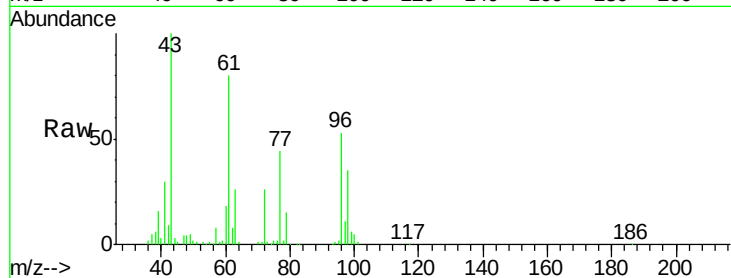
72 25.6 18.0 27.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.737 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012840.D

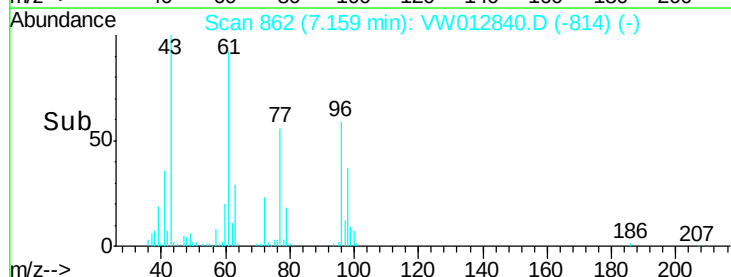
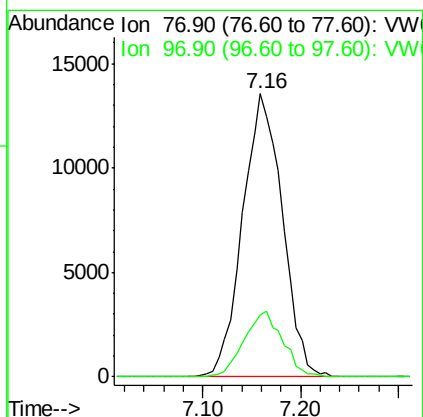
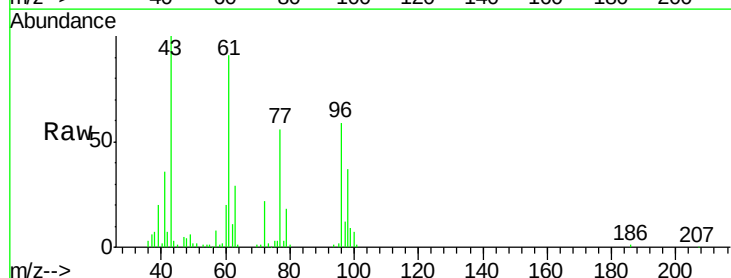
Acq: 10 Sep 2019 00:11

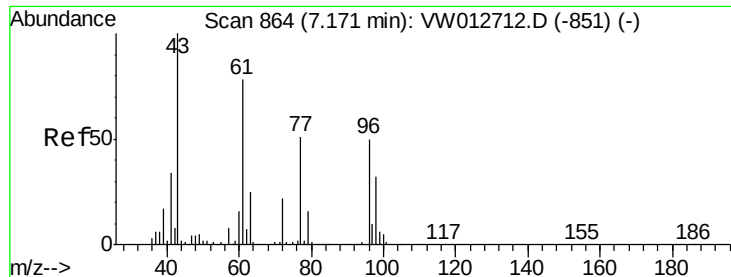
Tgt Ion: 77 Resp: 38244

Ion Ratio Lower Upper

77 100

97 22.5 10.7 32.1





#27

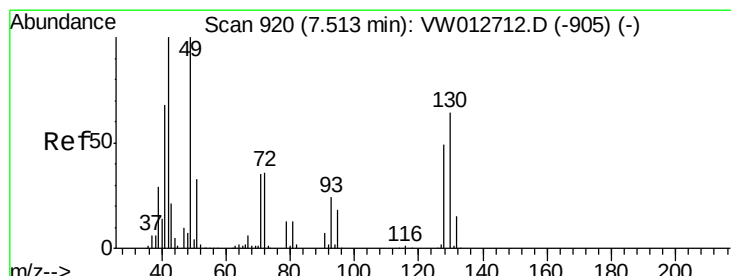
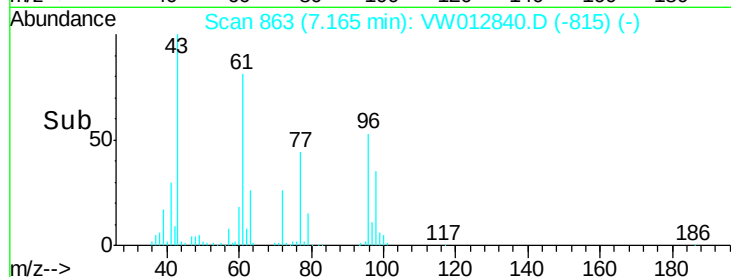
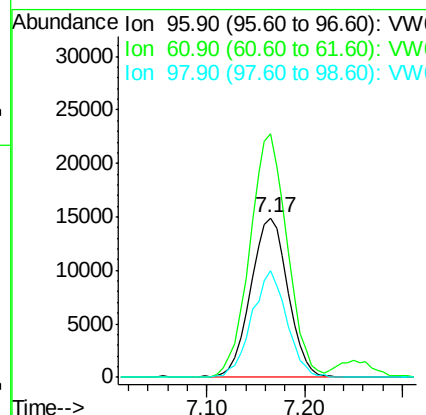
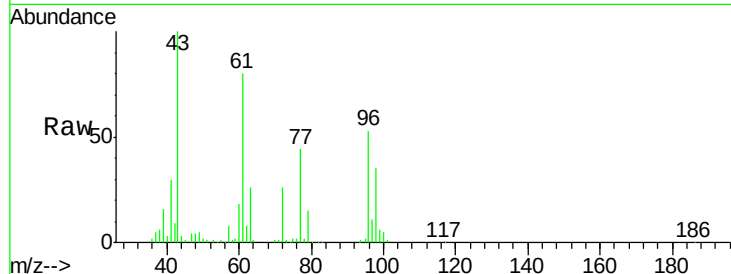
cis-1,2-Dichloroethene
Concen: 20.332 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	325.8
98	62.6	0.0	127.0

Manual Integrations
APPROVED

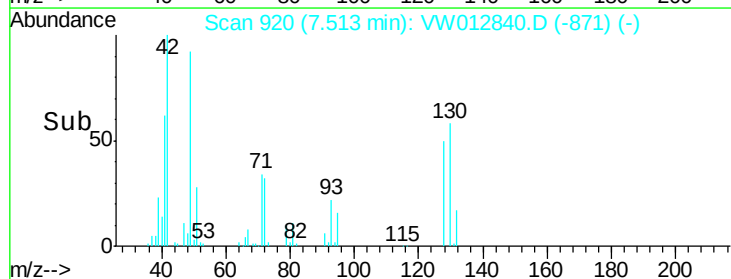
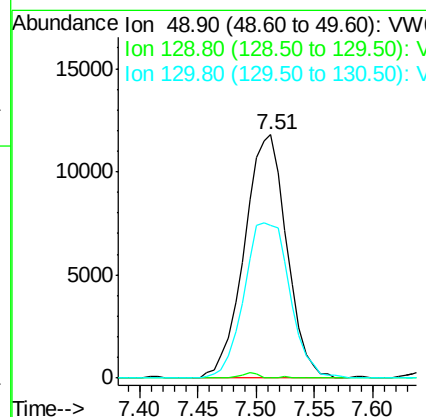
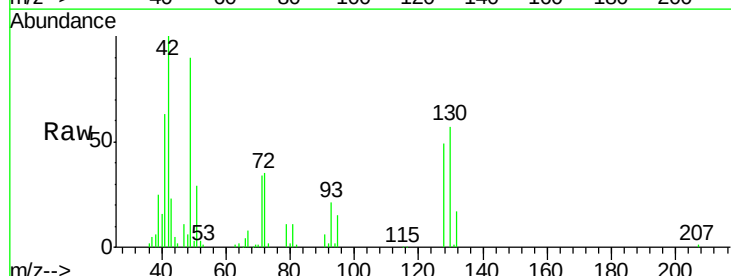
MMDadoda
9/11/2019 8:15:45 AM

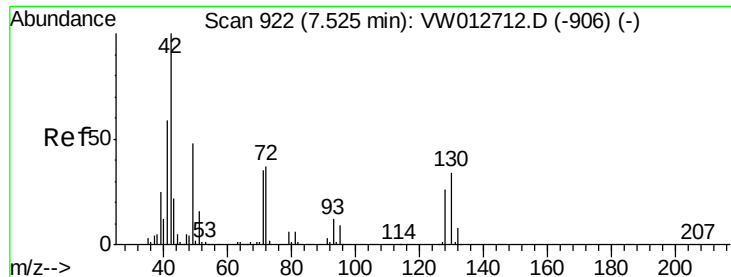


#28

Bromochloromethane
Concen: 18.018 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	0.8#
130	69.2	49.8	74.8





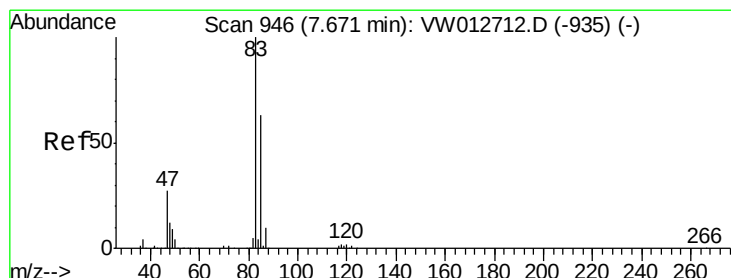
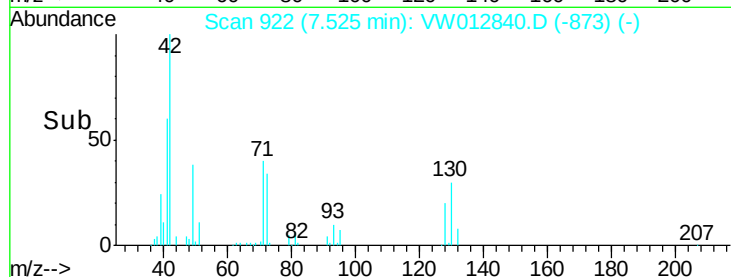
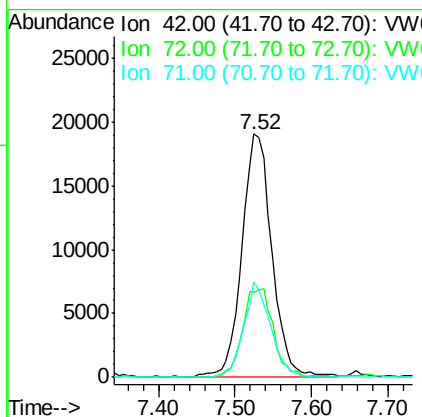
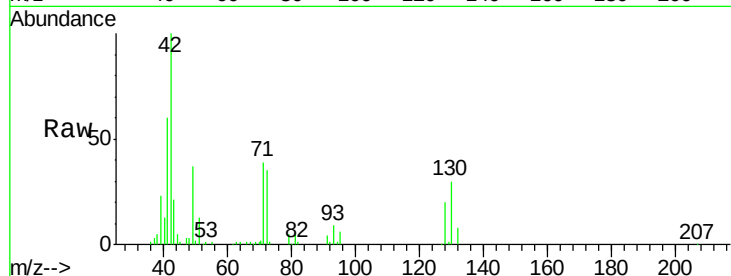
#29
Tetrahydrofuran
Concen: 106.568 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.3	28.4	42.6
71	35.4	27.1	40.7

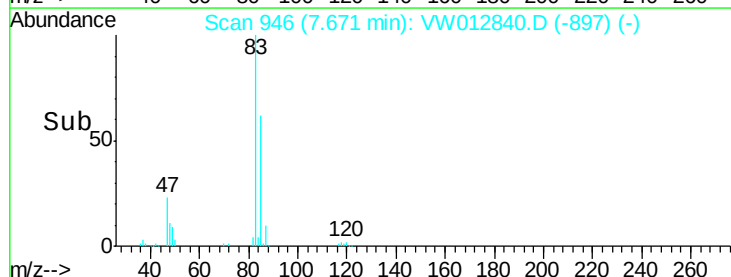
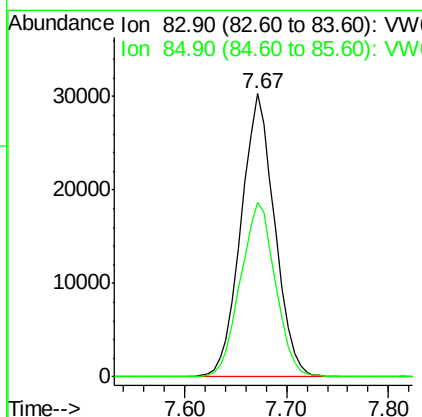
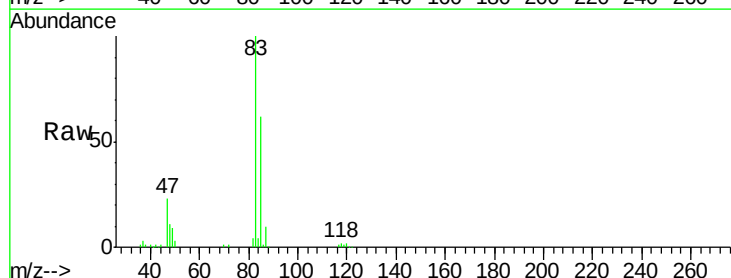
Manual Integrations
APPROVED

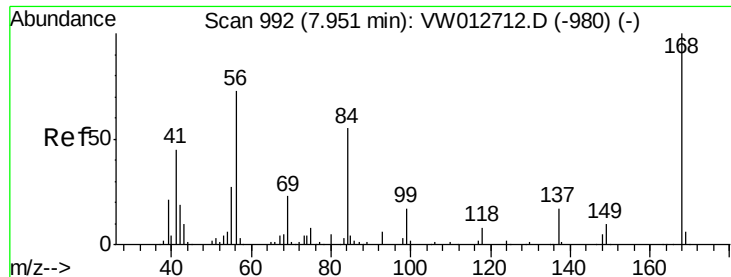
MMDadoda
9/11/2019 8:15:45 AM



#30
Chloroform
Concen: 19.358 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.6	76.0





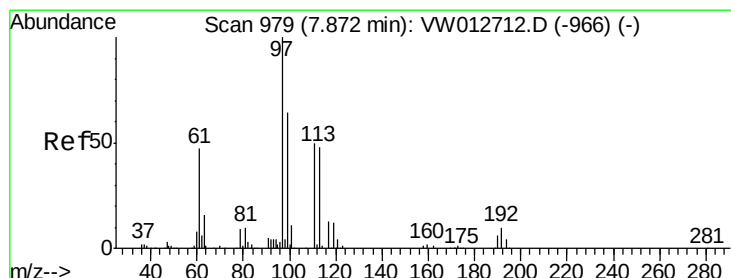
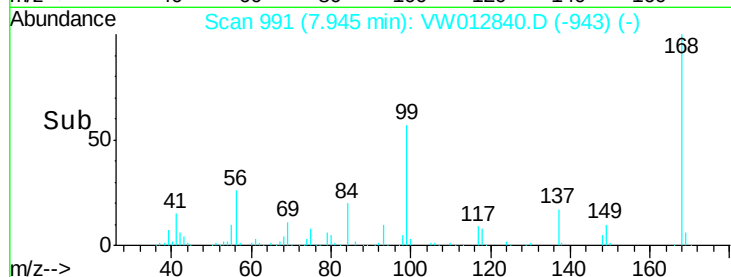
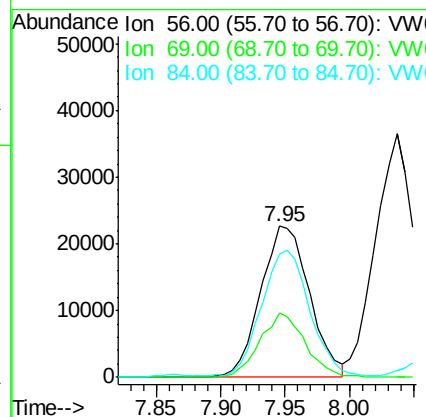
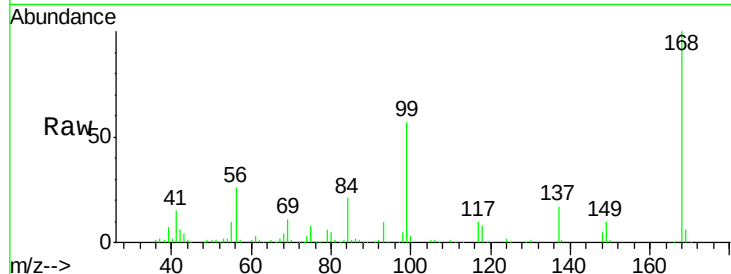
#31
Cyclohexane
Concen: 18.322 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
56	100			
69	42.0	25.7	38.5#	
84	80.3	60.4	90.6	

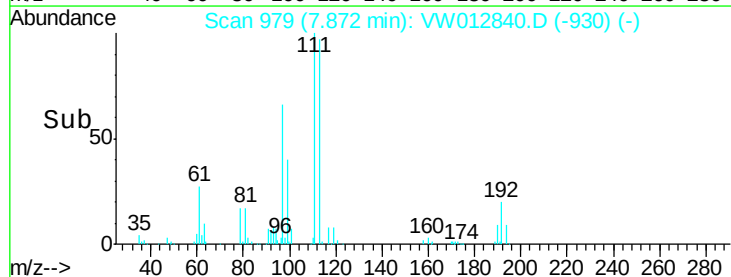
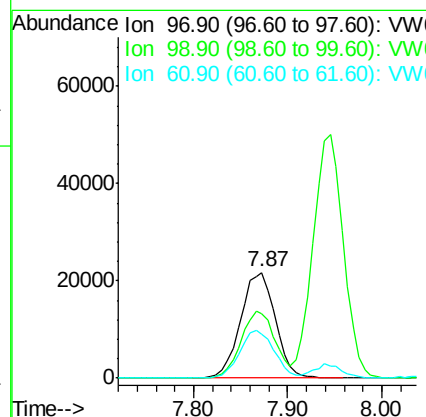
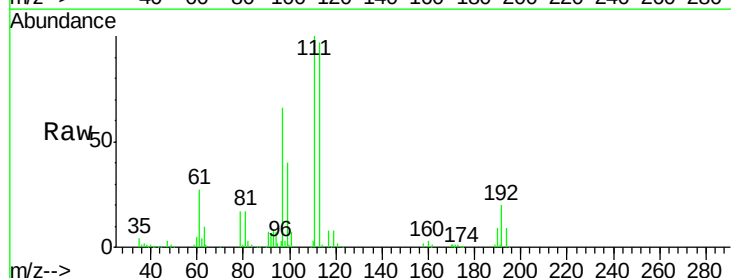
Manual Integrations
APPROVED

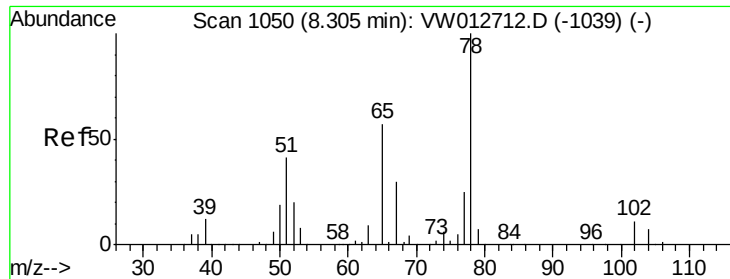
MMDadoda
9/11/2019 8:15:45 AM



#32
1,1,1-Trichloroethane
Concen: 19.091 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	62.6	51.5	77.3	
61	45.1	37.9	56.9	





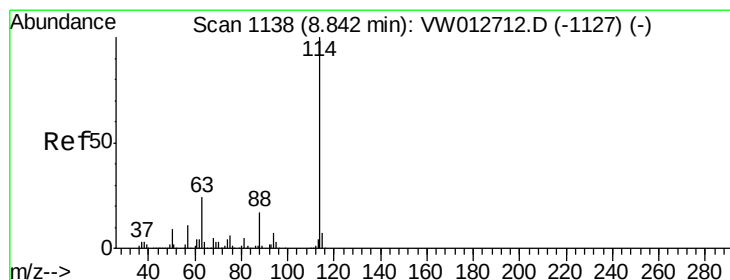
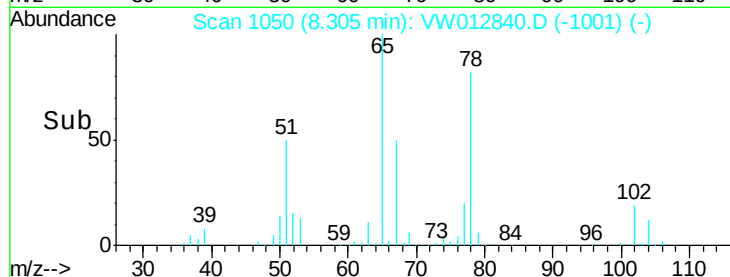
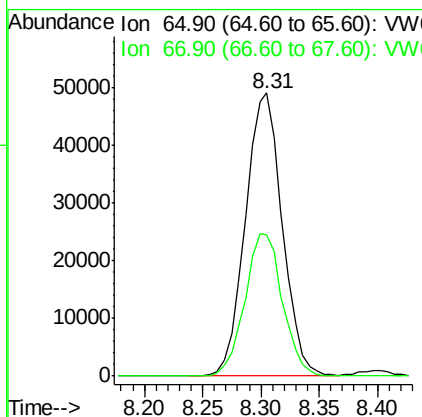
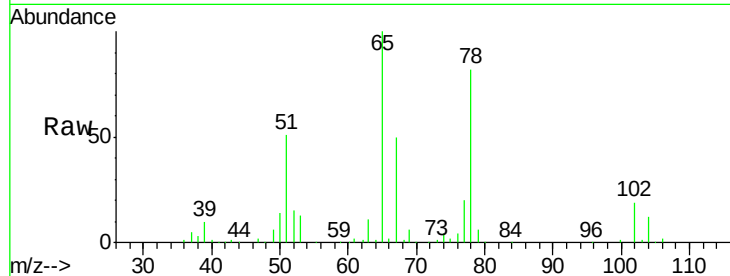
#33
 1,2-Dichloroethane-d4
 Concen: 48.750 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108016		
67	51.2	0.0	101.8	

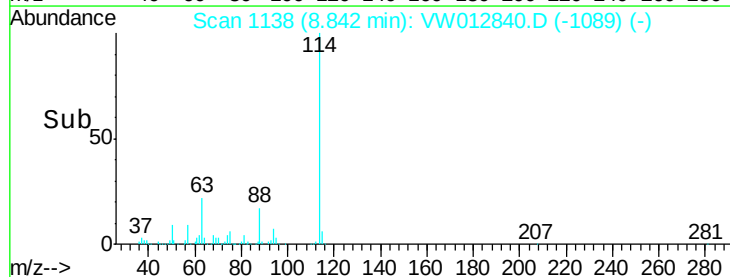
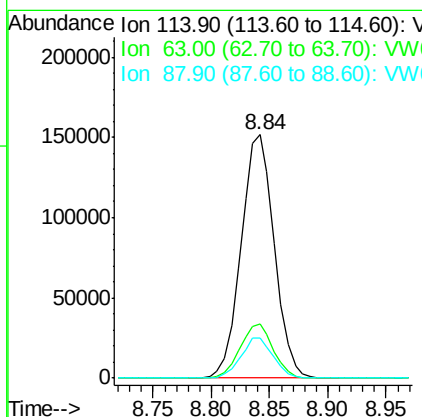
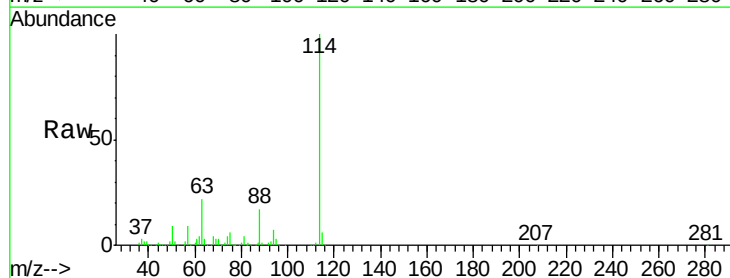
Manual Integrations
 APPROVED

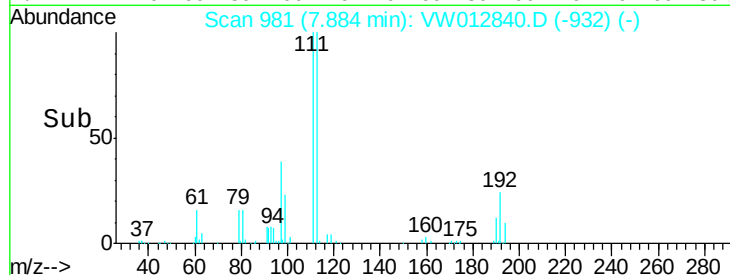
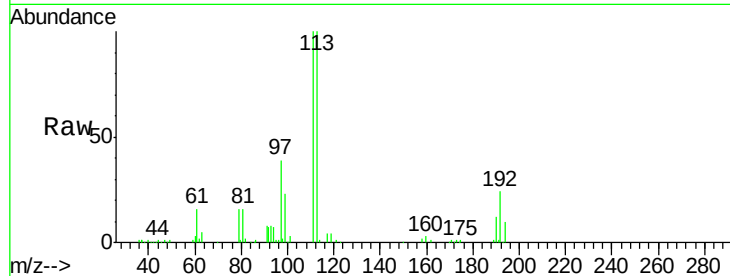
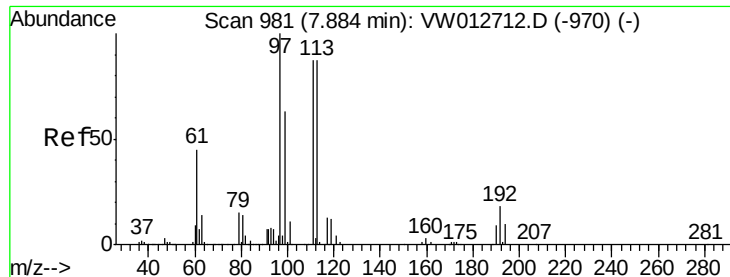
MMDadoda
 9/11/2019 8:15:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	300193		
63	22.4	0.0	47.2	
88	16.5	0.0	34.0	





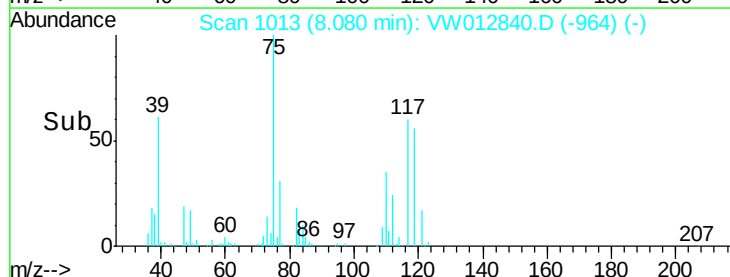
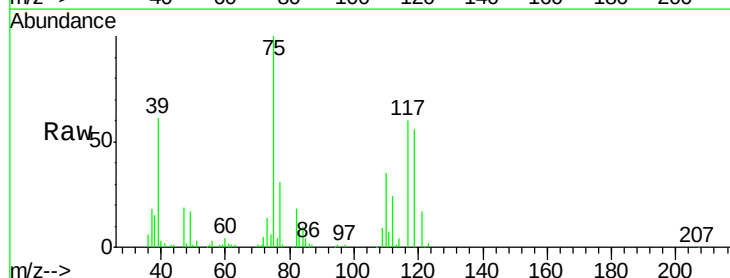
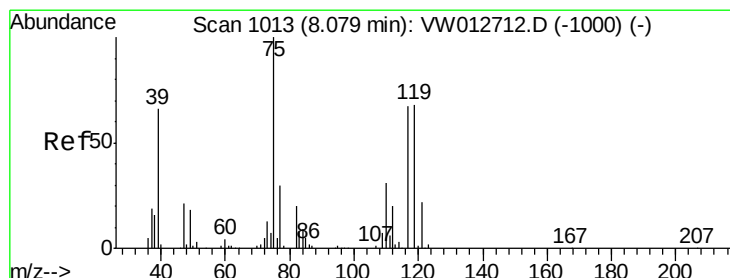
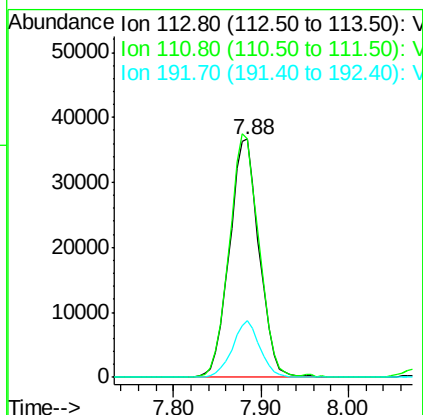
#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.2	120.4
192	22.0	17.3	25.9

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

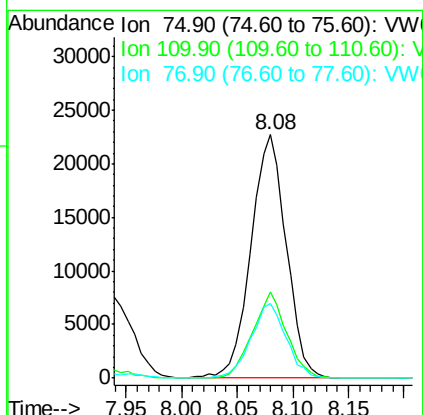
Manual Integrations
APPROVED

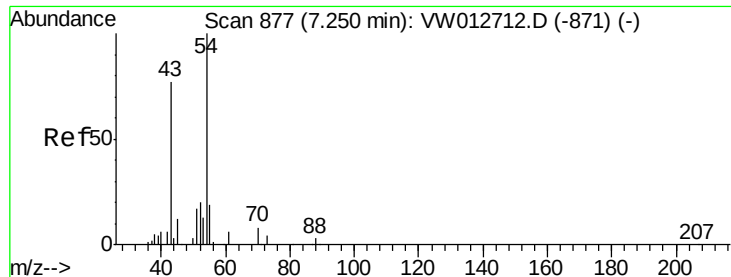
MMDadoda
9/11/2019 8:15:45 AM



#36
1,1-Dichloropropene
Concen: 18.761 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	15.9	47.7
77	30.7	25.0	37.4





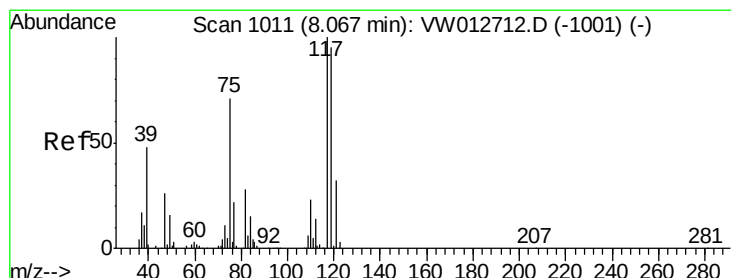
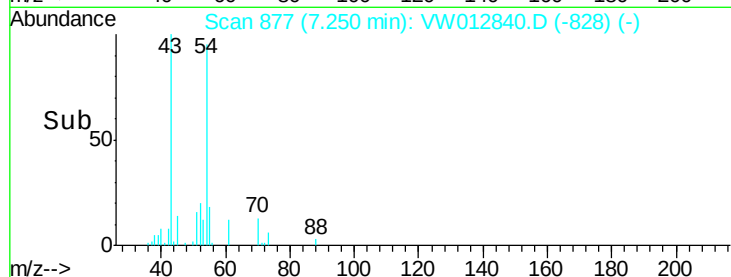
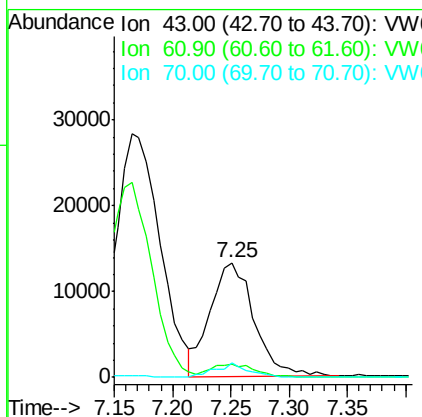
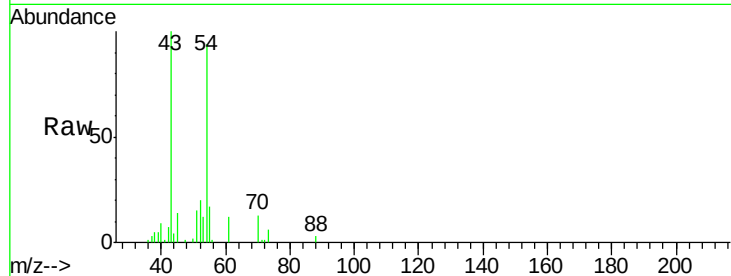
#37
Ethyl Acetate
Concen: 20.417 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.5	14.3
70	9.7	7.0	10.6

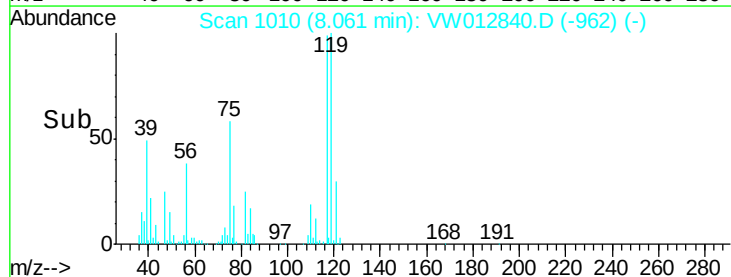
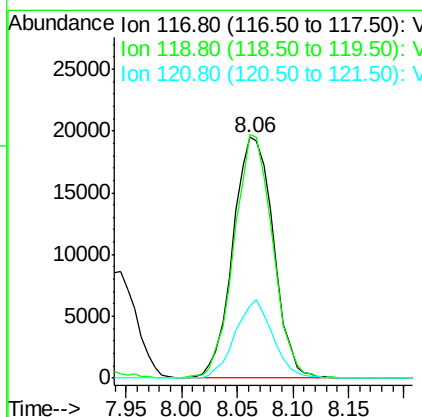
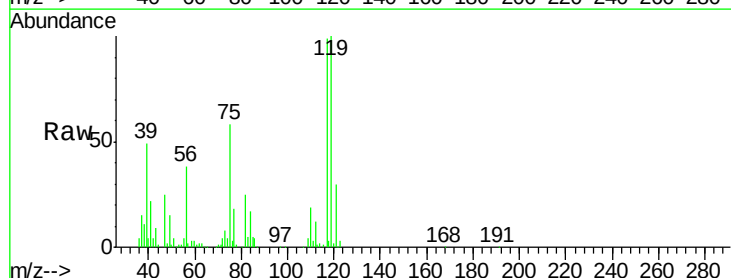
Manual Integrations
APPROVED

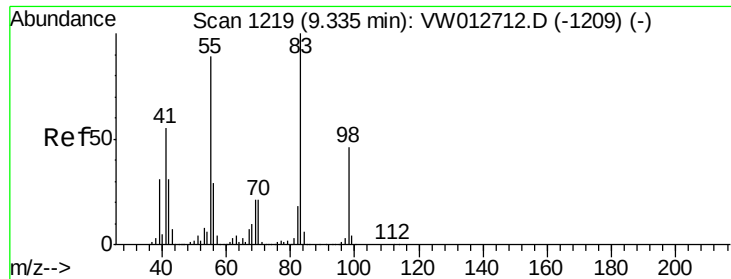
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9/11/2019 8:15:45 AM



#38
Carbon Tetrachloride
Concen: 18.734 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	76.2	114.2
121	29.8	25.4	38.2





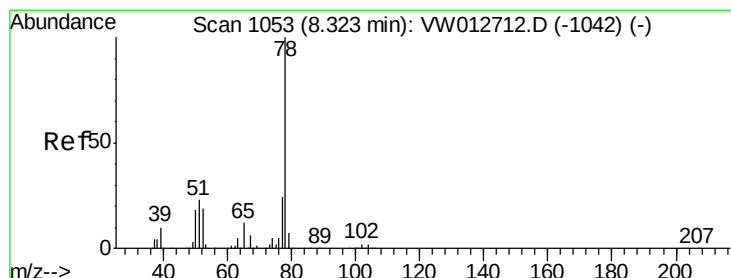
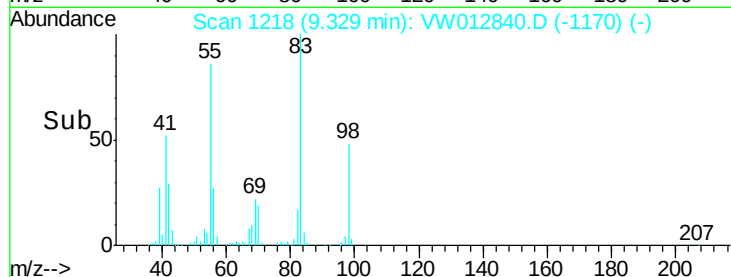
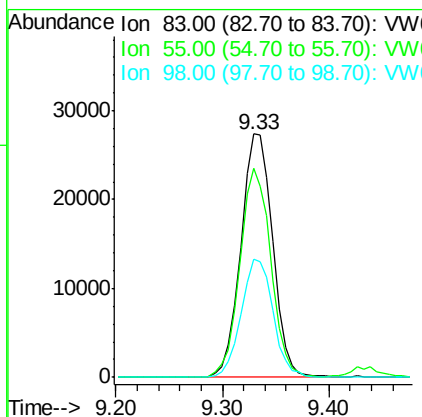
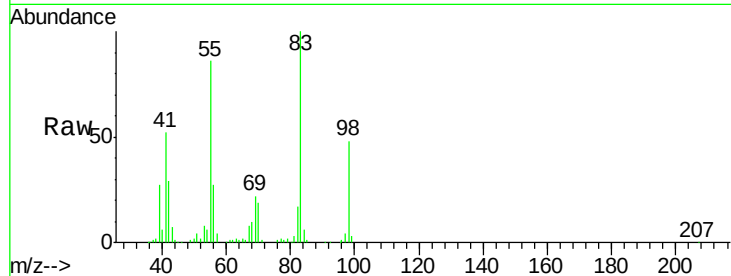
#39
Methylvlcyclohexane
Concen: 19.240 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.9	71.0	106.4
98	48.4	36.9	55.3

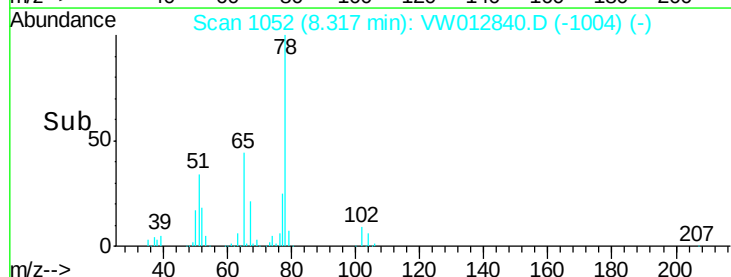
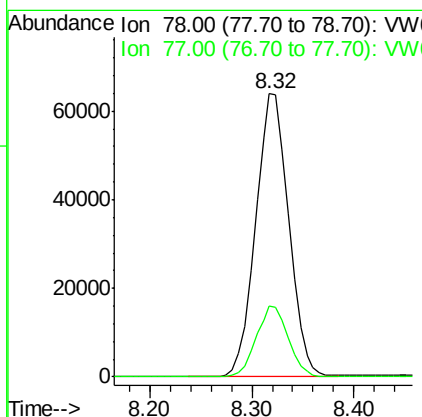
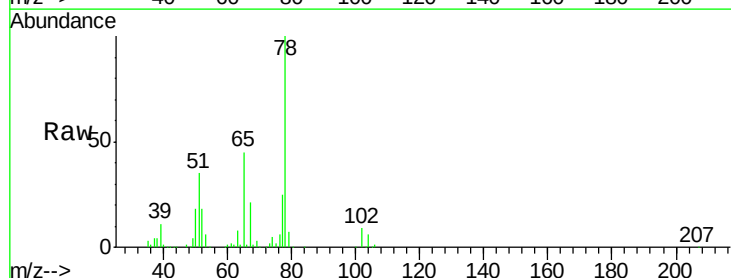
Manual Integrations
APPROVED

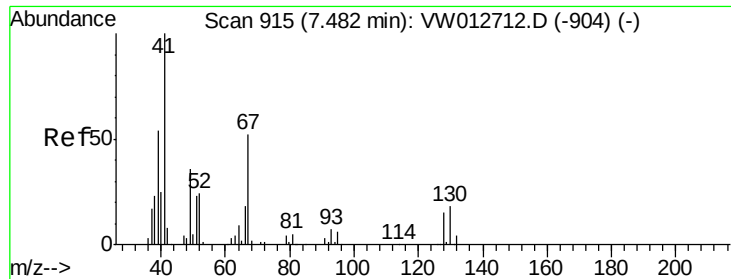
MMDadoda
9/11/2019 8:15:45 AM



#40
Benzene
Concen: 19.550 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.3	28.9





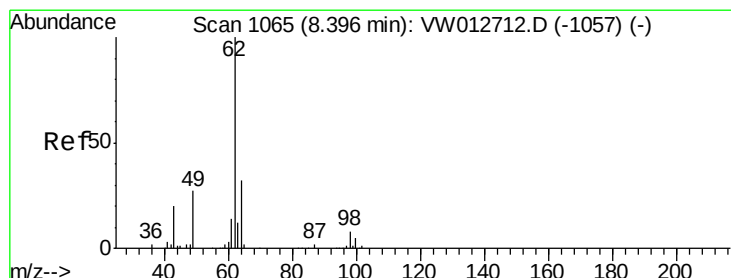
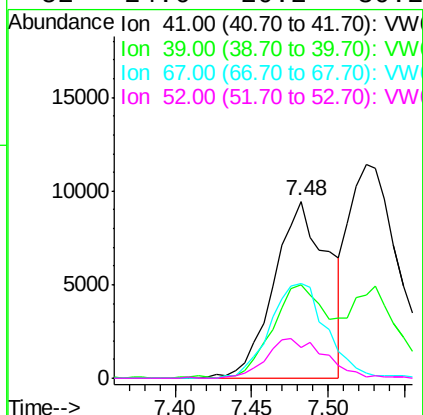
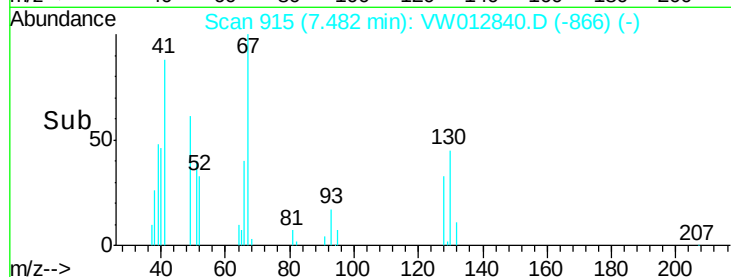
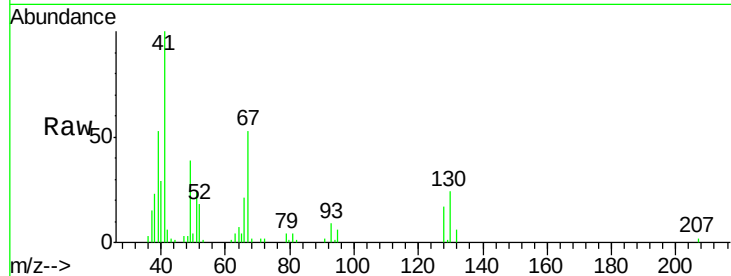
#41
Methacrylonitrile
Concen: 22.458 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	41	Resp	23310
Ion	Ratio	Lower	Upper
41	100		
39	54.1	47.5	71.3
67	56.3	45.1	67.7
52	24.6	20.2	30.2

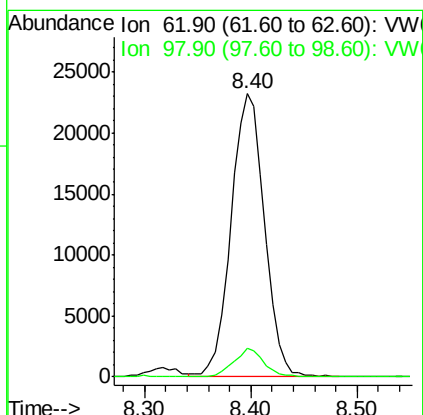
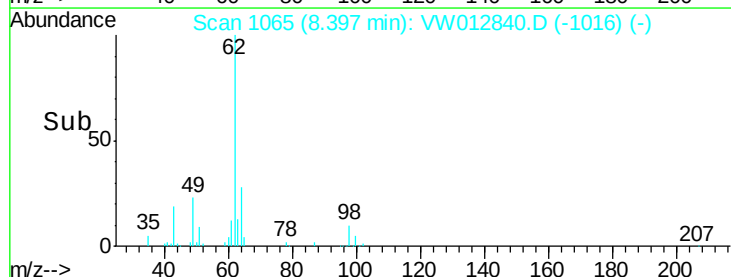
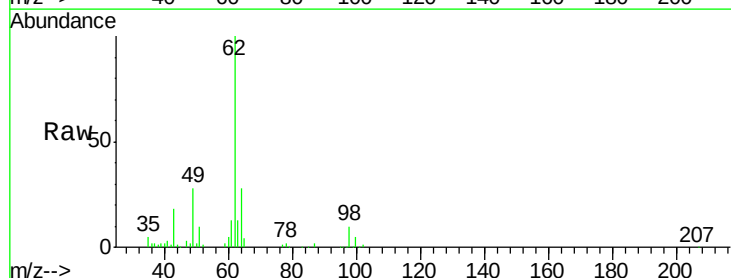
Manual Integrations
APPROVED

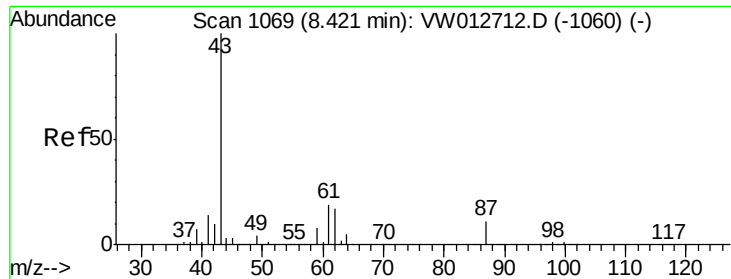
MMDadoda
9/11/2019 8:15:45 AM



#42
1,2-Dichloroethane
Concen: 19.615 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	62	Resp	51087
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.2





#43

Isopropyl Acetate

Concen: 19.751 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

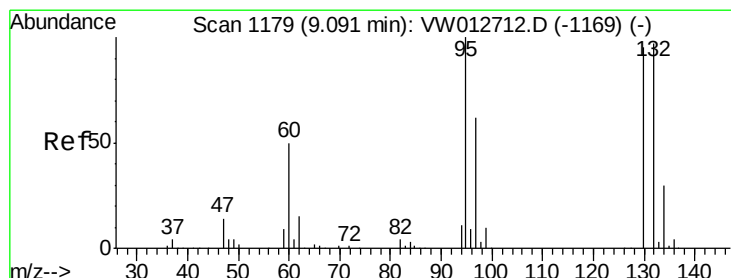
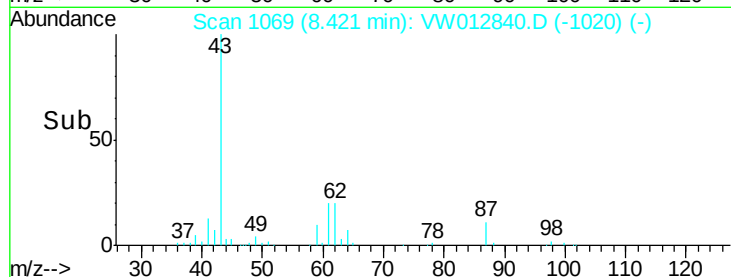
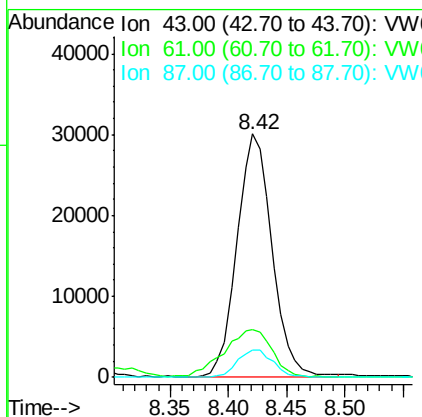
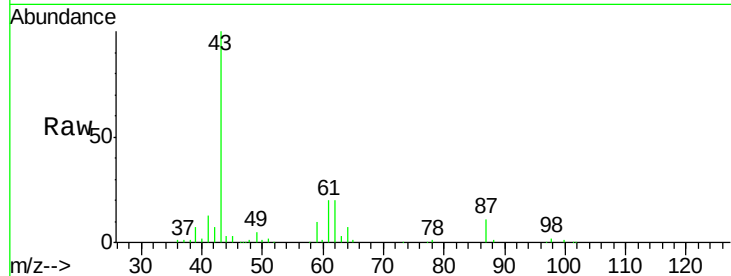
ClientSampleId :

VW0909SBS02

Tot Ion:	43	Resp:	63626
Ion	Ratio	Lower	Upper
43	100		
61	27.0	20.6	30.8
87	11.7	8.6	13.0

Manual Integrations
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#44

Trichloroethene

Concen: 20.402 ug/l

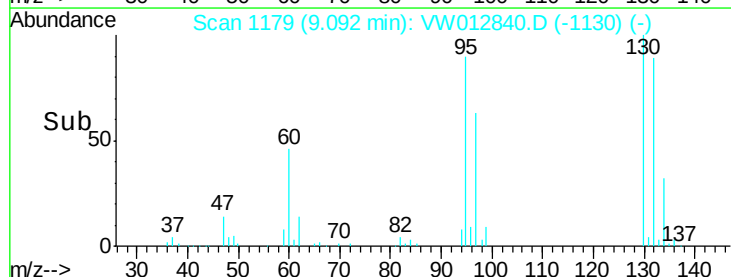
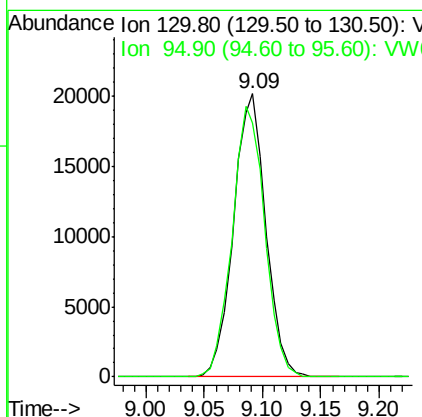
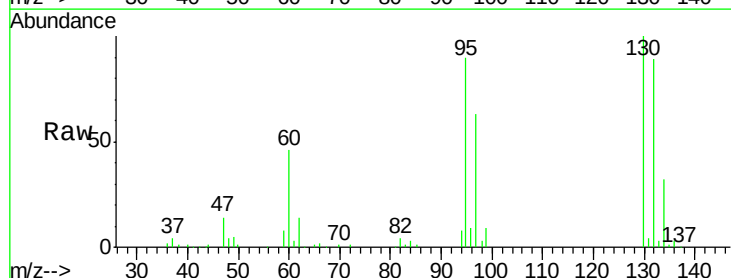
RT: 9.09 min Scan# 1179

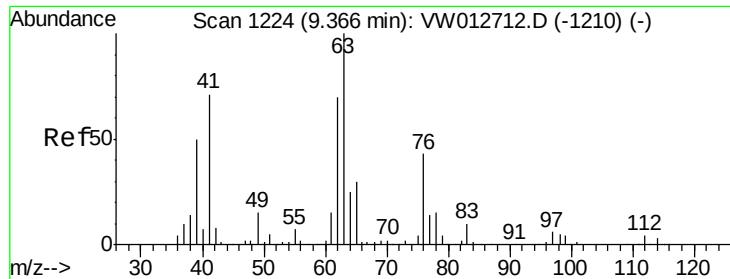
Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion:	130	Resp:	38920
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	210.6





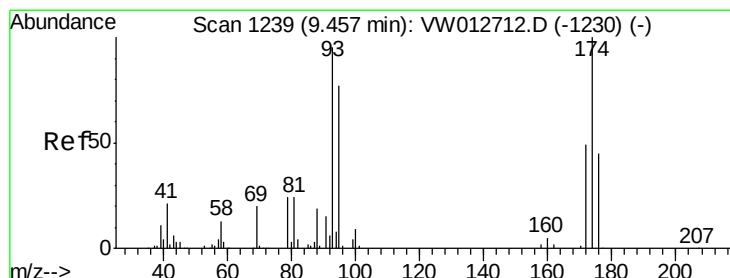
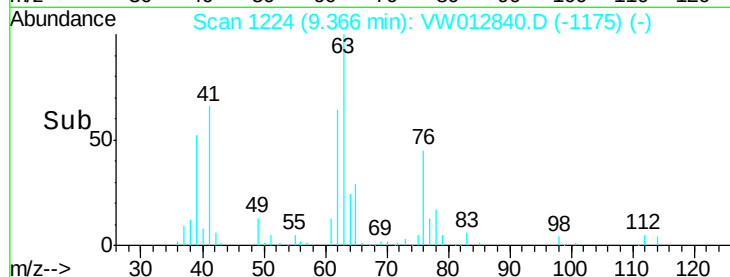
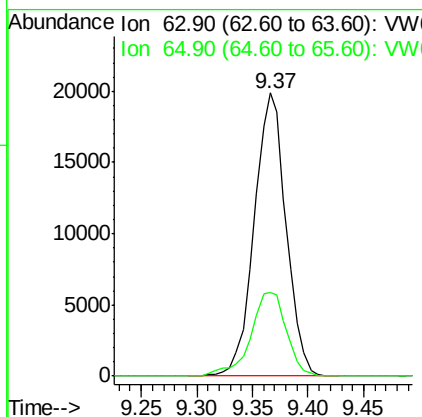
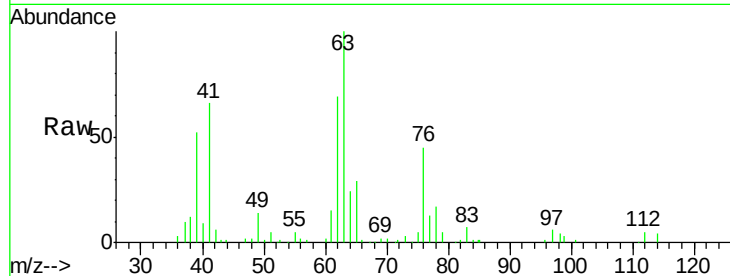
#45
 1,2-Dichloropropane
 Concen: 19.292 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion: 63 Resp: 39597
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.8 35.8

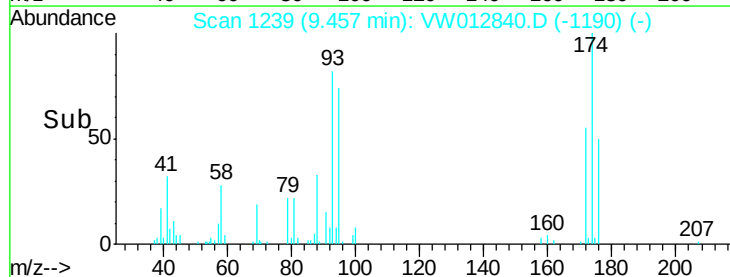
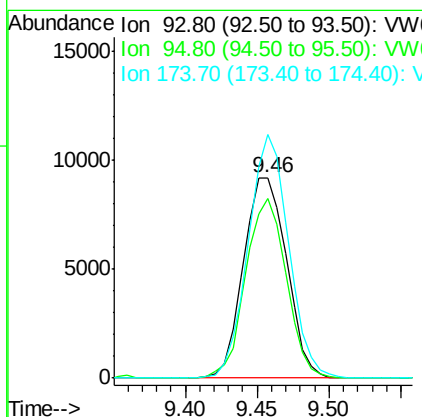
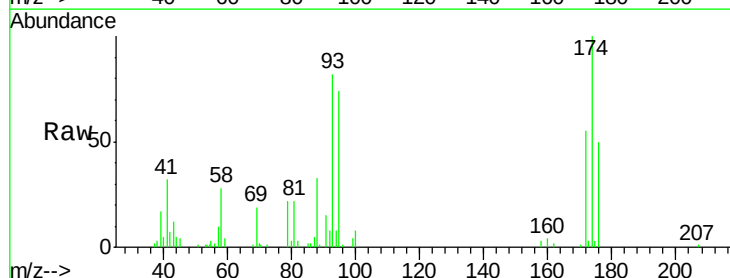
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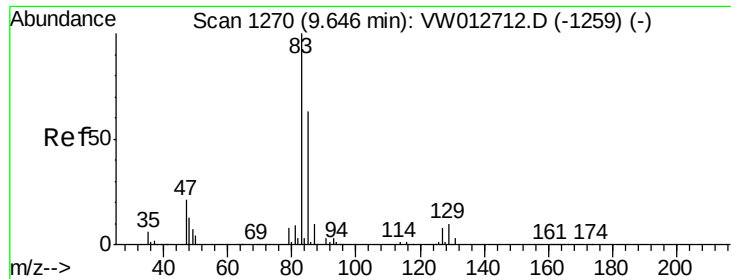
MMDadoda
 9/11/2019 8:15:45 AM



#46
 Dibromomethane
 Concen: 19.643 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 93 Resp: 19092
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.2 97.8
 174 113.6 84.2 126.4





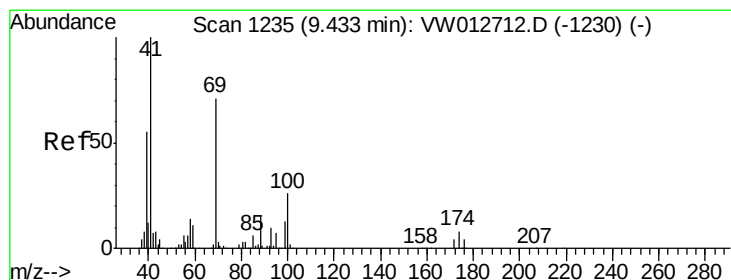
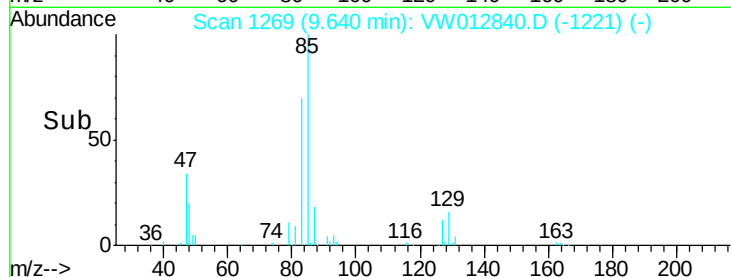
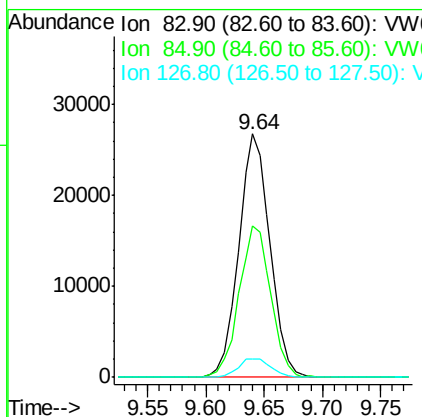
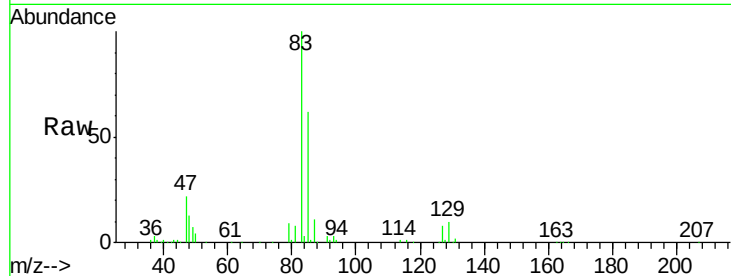
#47
Bromodichloromethane
Concen: 18.601 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	83	Resp	49739
Ion Ratio	100	Lower	Upper
83	100		
85	62.0	50.2	75.2
127	7.7	6.6	9.8

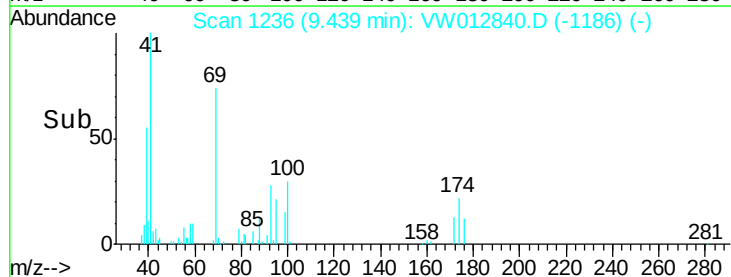
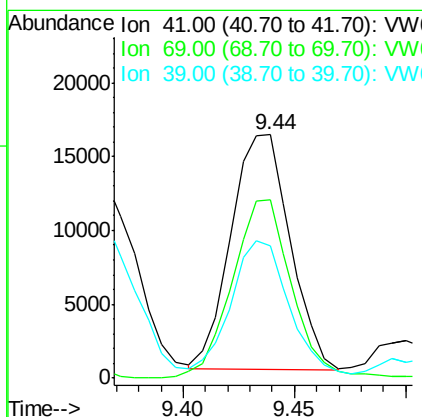
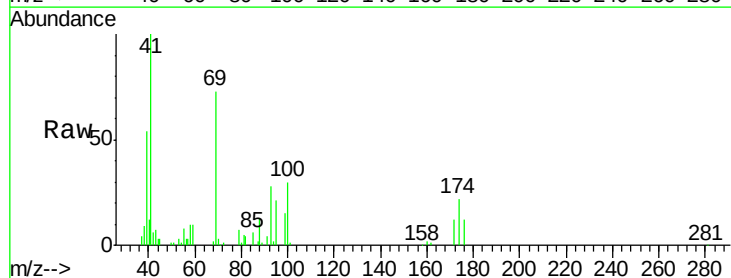
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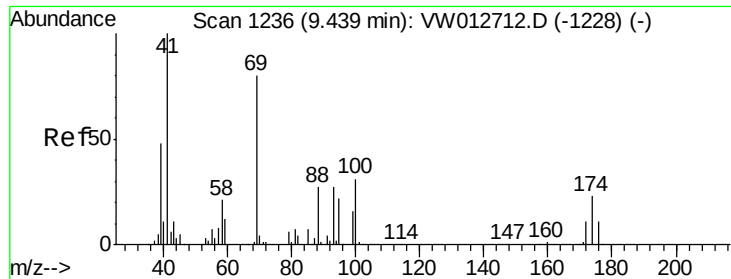
MMDadoda
9/11/2019 8:15:45 AM



#48
Methyl methacrylate
Concen: 19.099 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	41	Resp	29402
Ion Ratio	100	Lower	Upper
41	100		
69	76.8	59.8	89.8
39	59.0	47.0	70.6





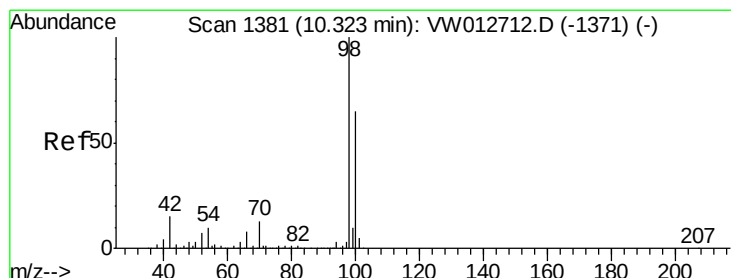
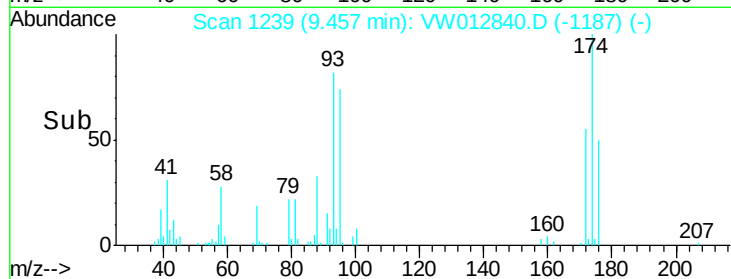
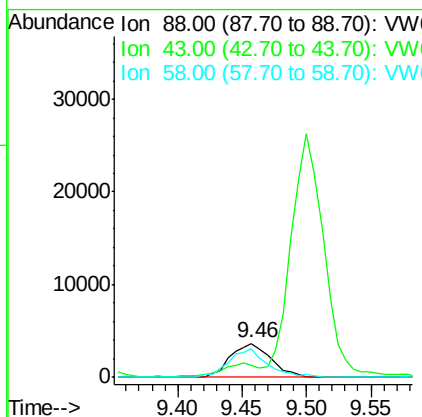
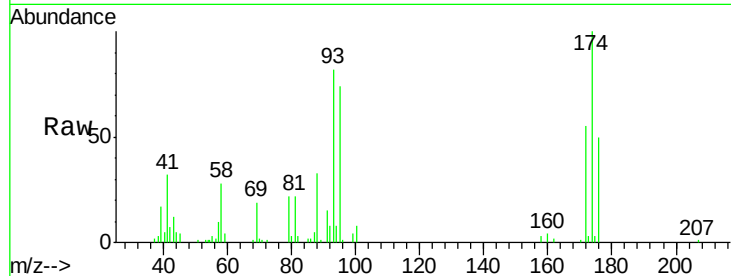
#49
1,4-Dioxane
Concen: 419.399 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.02 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
88	100	8052		
43	32.3		34.8	52.2#
58	80.6		64.1	96.1

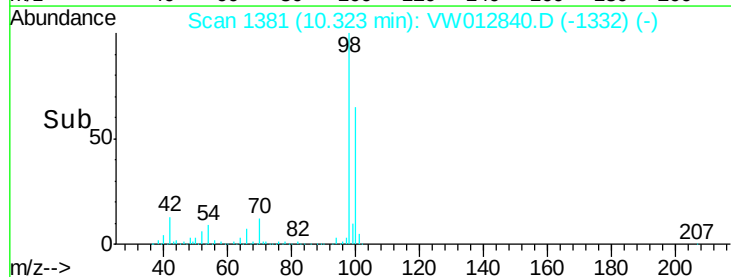
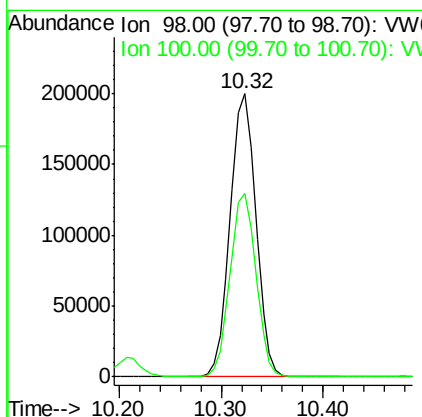
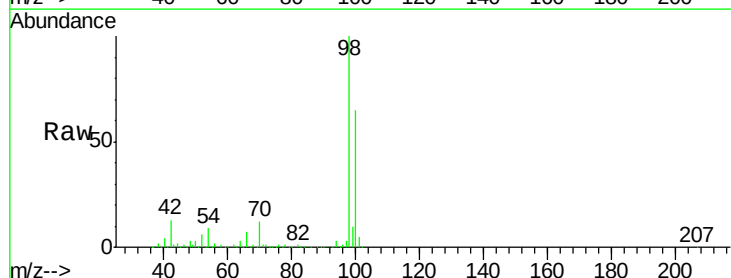
Manual Integrations
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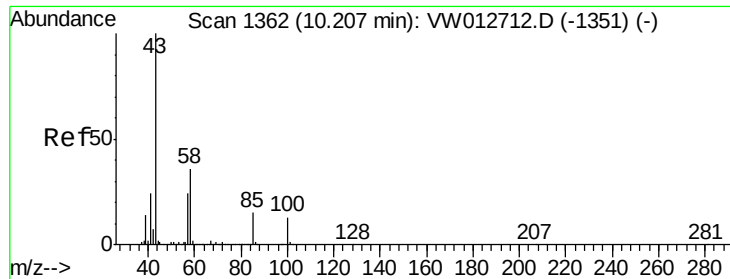
MMDadoda
9/11/2019 8:15:45 AM



#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	350041		
100	64.9		52.2	78.4





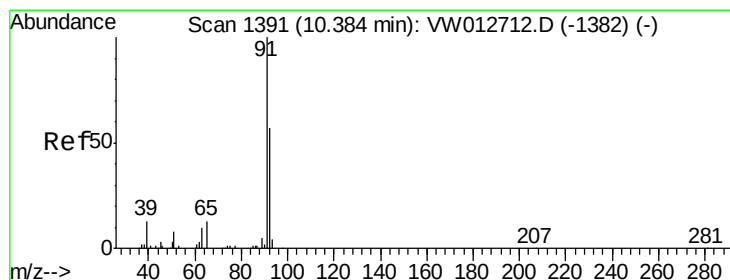
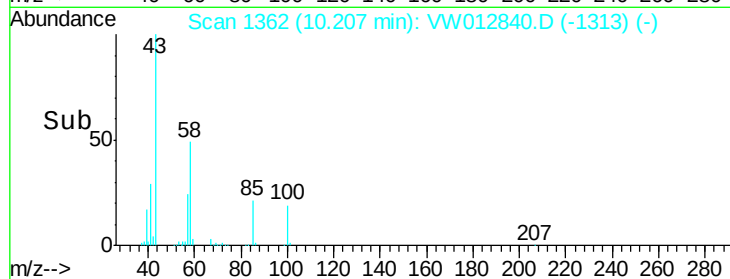
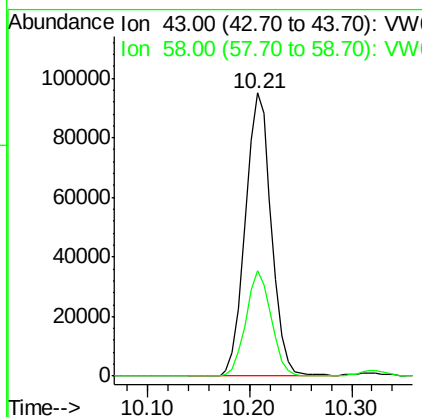
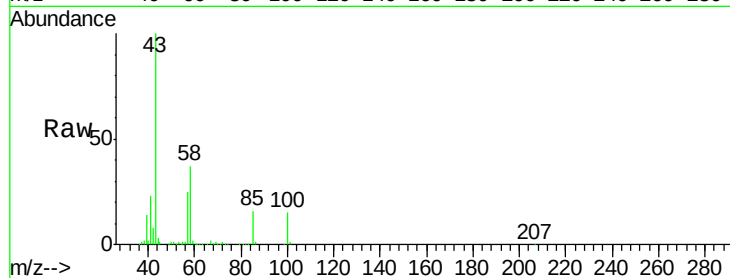
#51
 4-Methyl-2-Pentanone
 Concen: 99.873 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampled :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.4	42.6

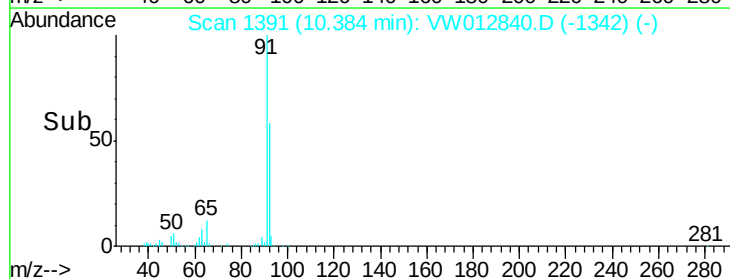
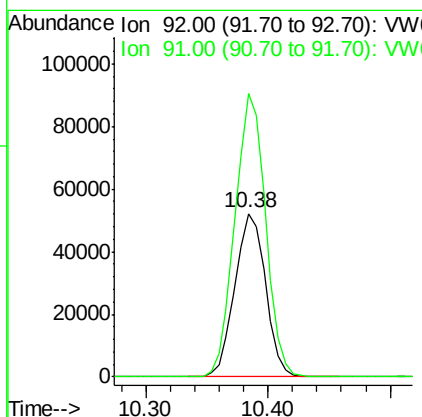
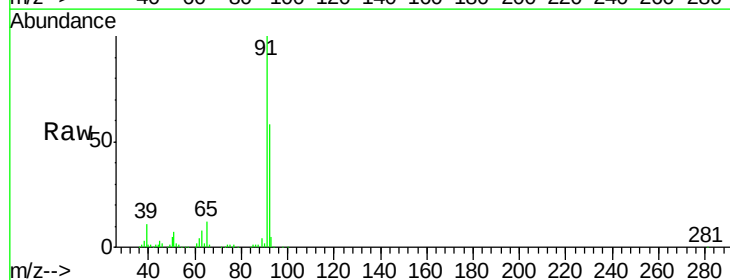
Manual Integrations
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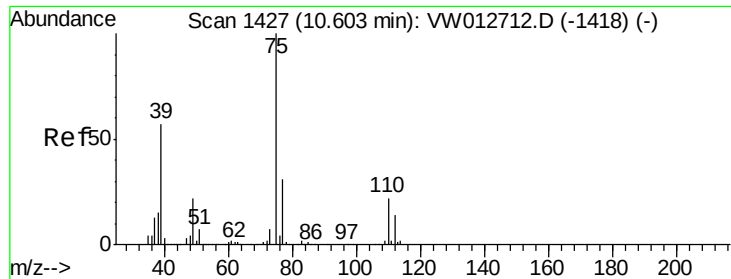
MMDadoda
 9/11/2019 8:15:45 AM



#52
 Toluene
 Concen: 19.663 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.0	205.4





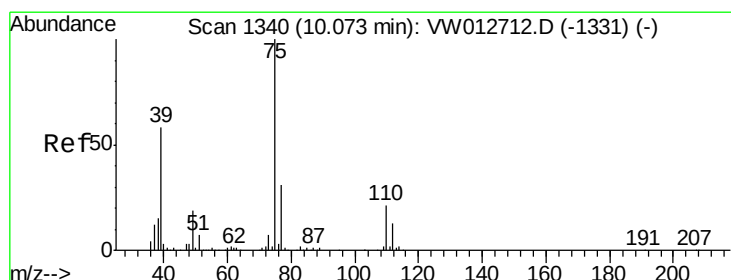
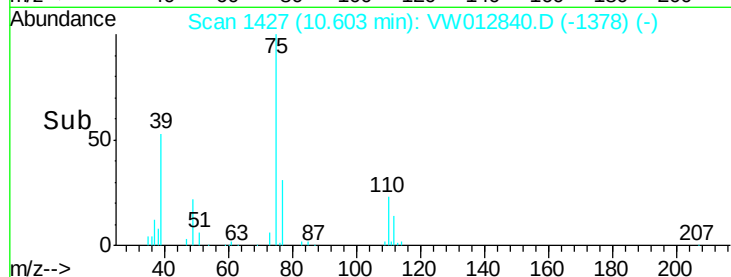
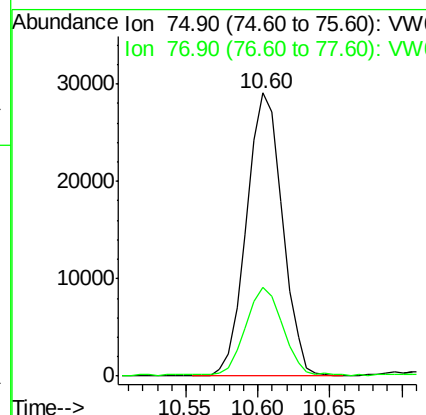
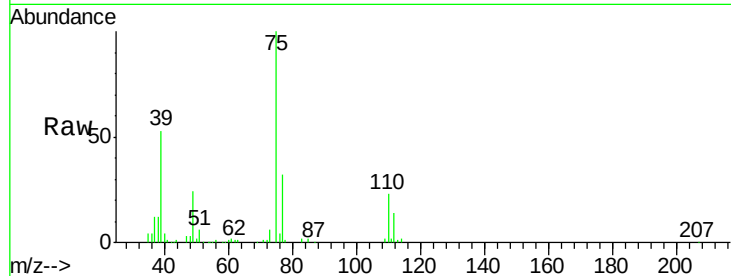
#53
 t-1,3-Dichloropropene
 Concen: 18.243 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion: 75 Resp: 50163
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.7 37.1

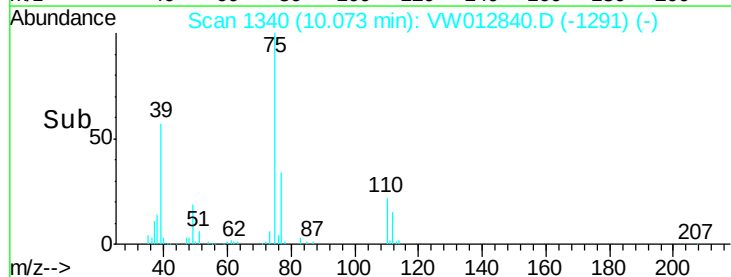
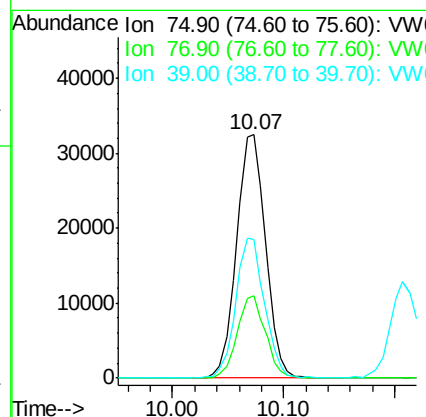
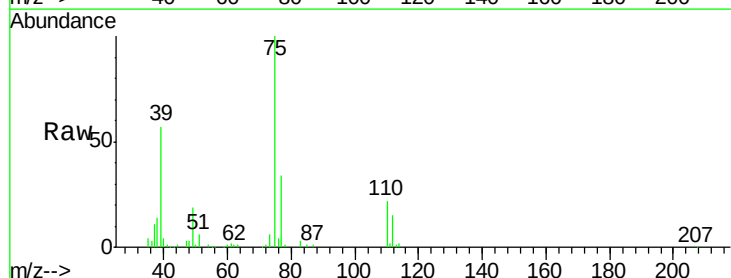
Manual Integrations
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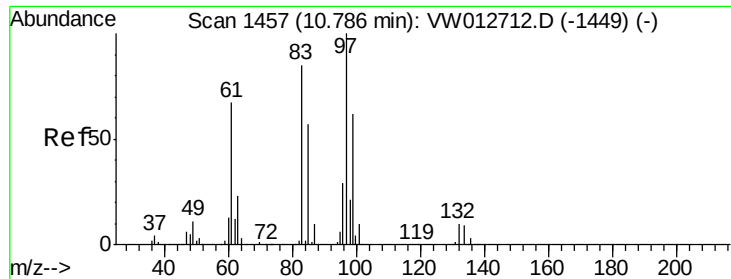
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 9/11/2019 8:15:45 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.777 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 75 Resp: 58571
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.6 36.8
 39 56.8 46.3 69.5





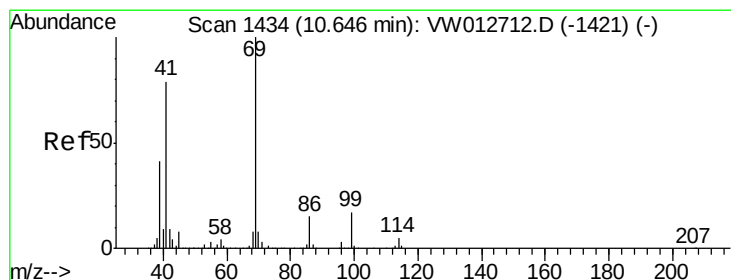
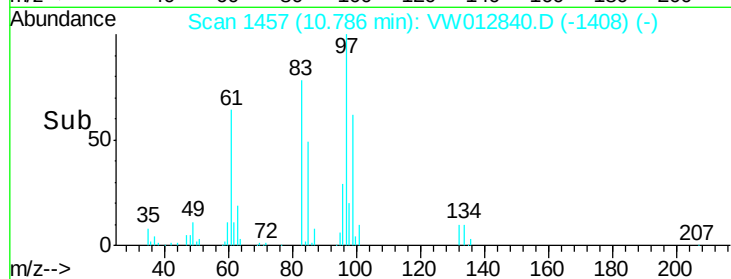
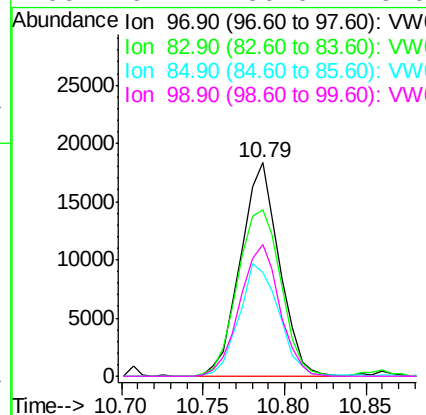
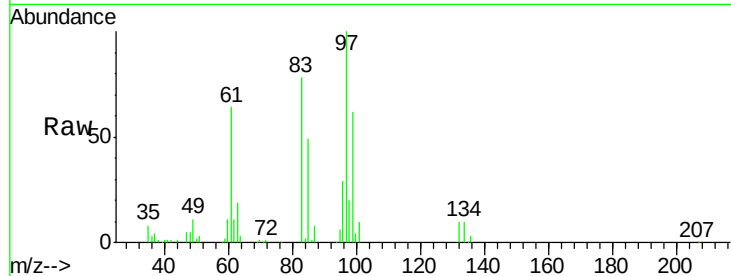
#55
 1,1,2-Trichloroethane
 Concen: 20.892 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion:	97	Resp:	30401
Ion	Ratio	Lower	Upper
97	100		
83	77.8	68.1	102.1
85	48.6	45.3	67.9
99	61.7	50.0	75.0

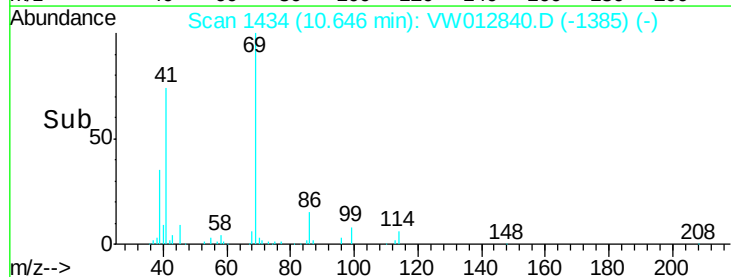
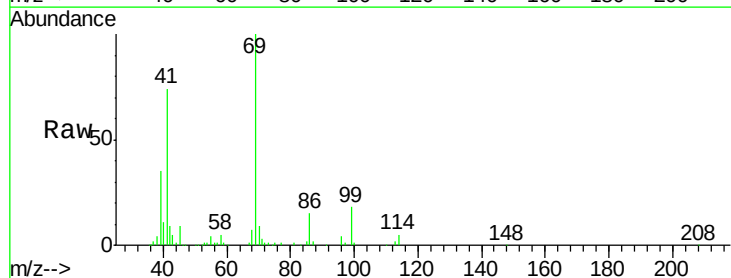
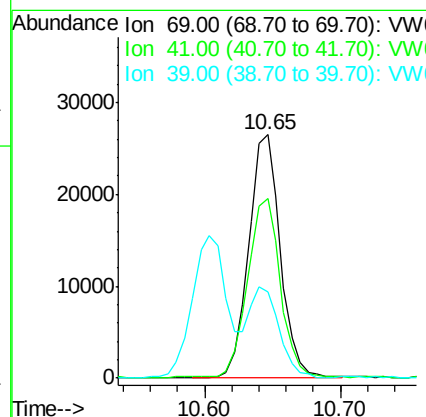
Manual Integrations
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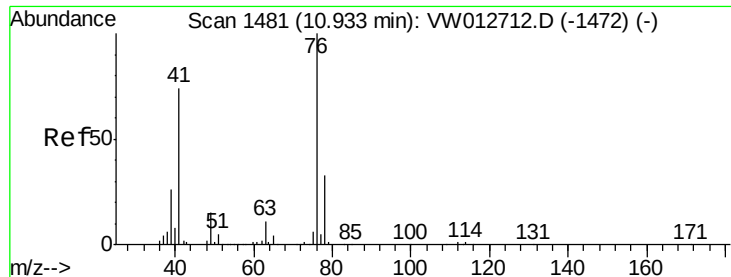
MMDadoda
 9/11/2019 8:15:45 AM



#56
 Ethyl methacrylate
 Concen: 20.289 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion:	69	Resp:	43217
Ion	Ratio	Lower	Upper
69	100		
41	78.2	64.4	96.6
39	34.0	31.1	46.7





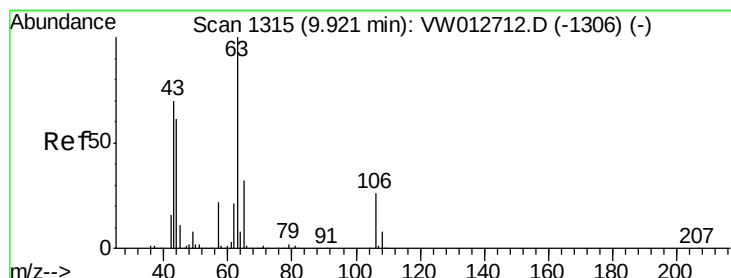
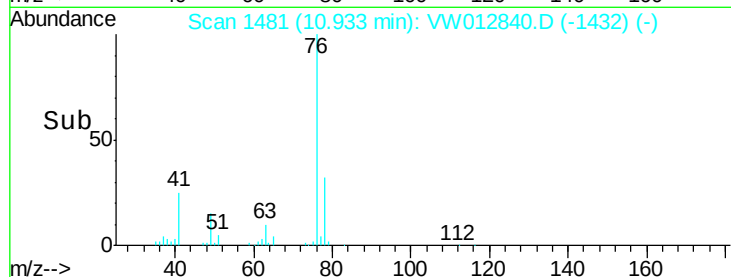
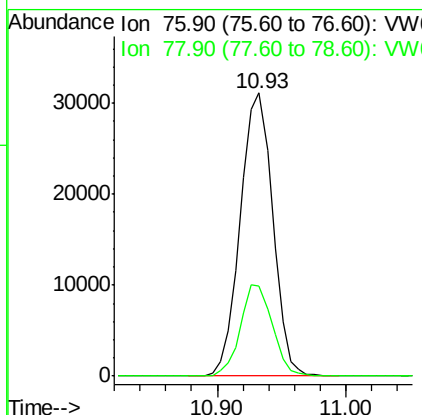
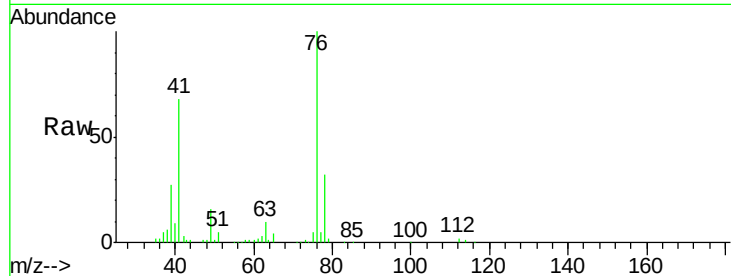
#57
 1,3-Dichloropropane
 Concen: 20.176 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion: 76 Resp: 54312
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9

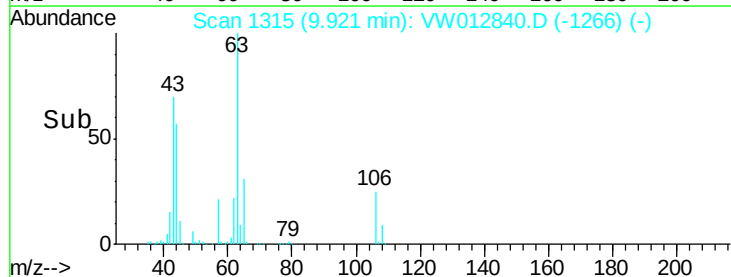
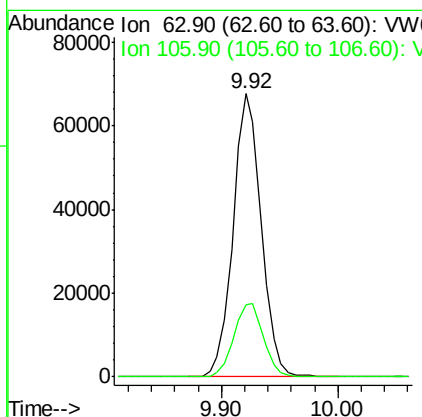
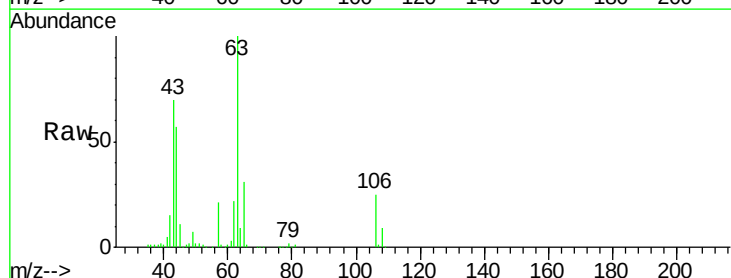
Manual Integrations
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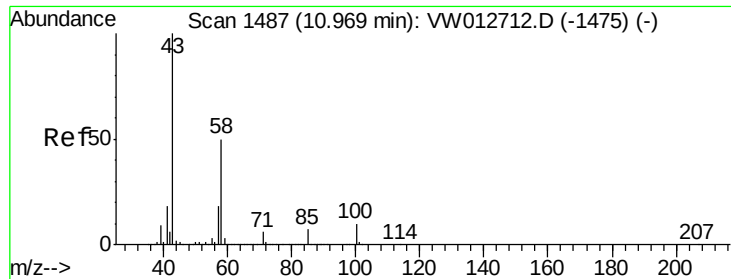
MMDadoda
 9/11/2019 8:15:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.395 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion: 63 Resp: 113526
 Ion Ratio Lower Upper
 63 100
 106 27.1 20.5 30.7





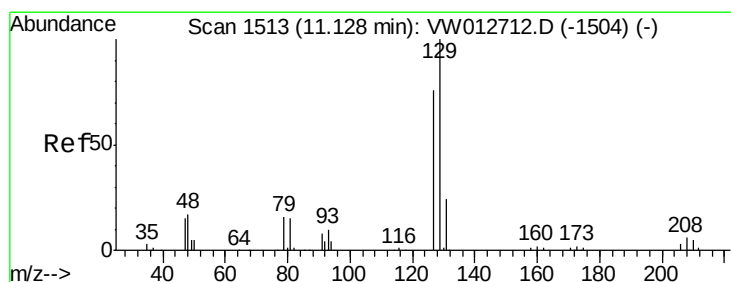
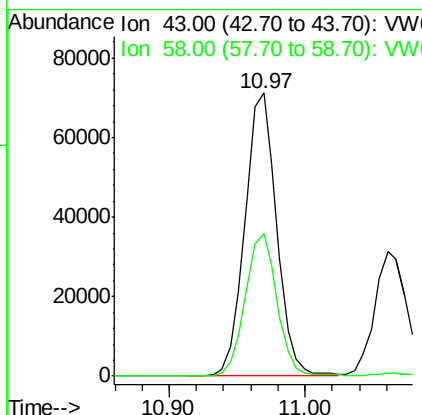
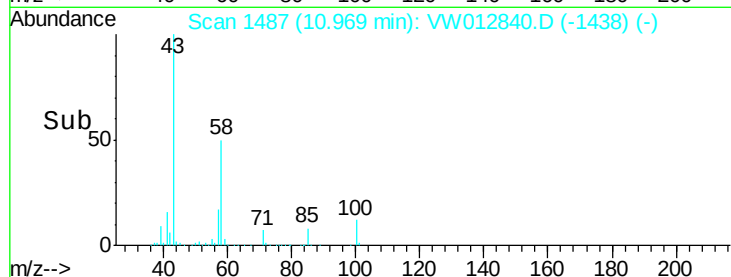
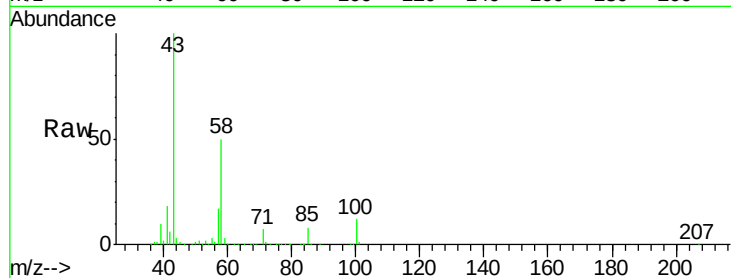
#59
2-Hexanone
Concen: 94.320 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion: 43 Resp: 116479
Ion Ratio Lower Upper
43 100
58 50.6 24.7 74.1

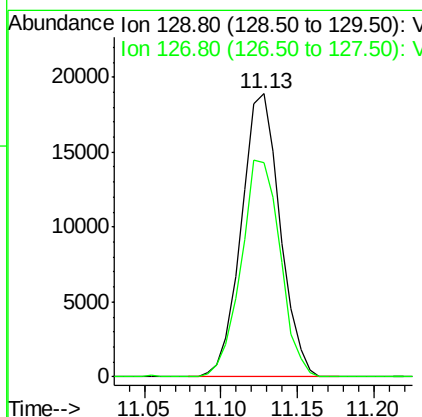
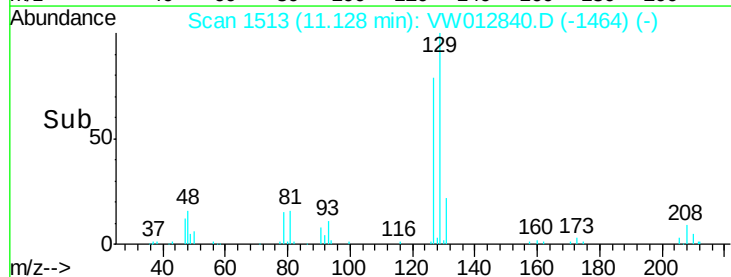
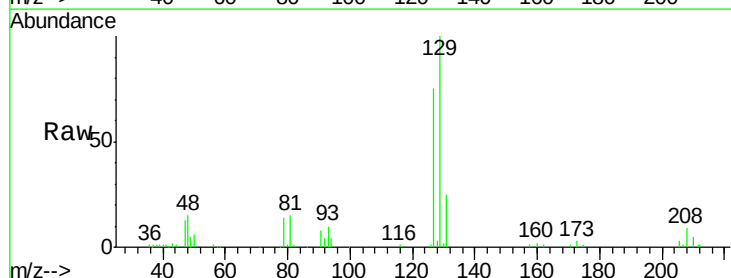
Manual Integrations
APPROVED

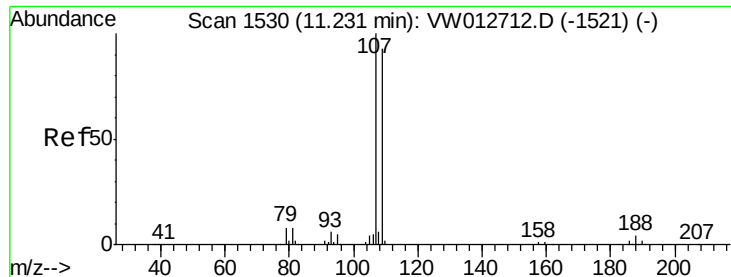
MMDadoda
9/11/2019 8:15:45 AM



#60
Dibromochloromethane
Concen: 19.416 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 129 Resp: 33227
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.010 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 107 Resp: 28029

Ion Ratio Lower Upper

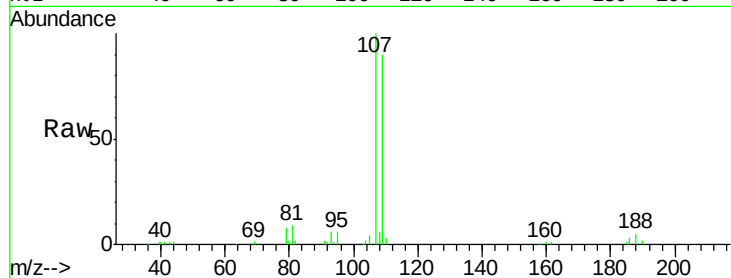
107 100

109 92.5 75.0 112.6

Manual Integrations
APPROVED

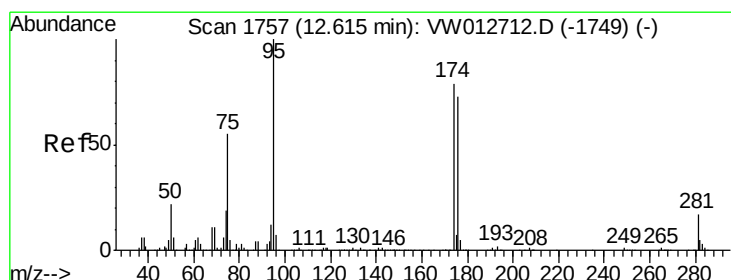
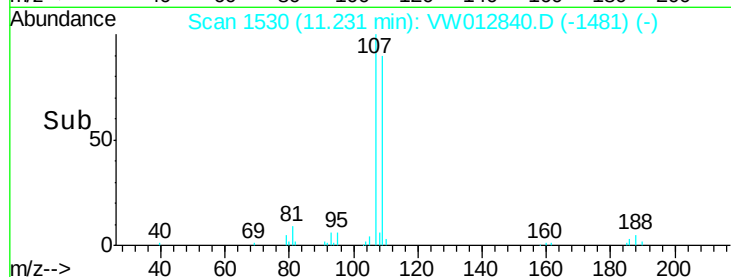
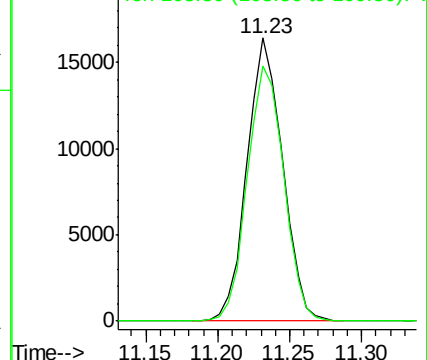
MMDadoda

9/11/2019 8:15:45 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.365 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

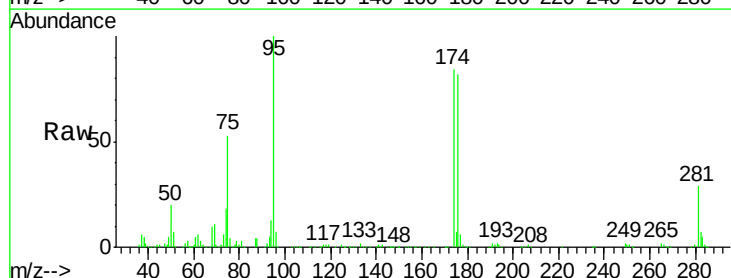
Tgt Ion: 95 Resp: 122769

Ion Ratio Lower Upper

95 100

174 85.8 0.0 161.0

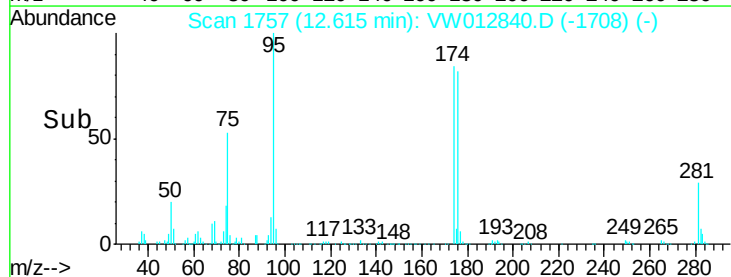
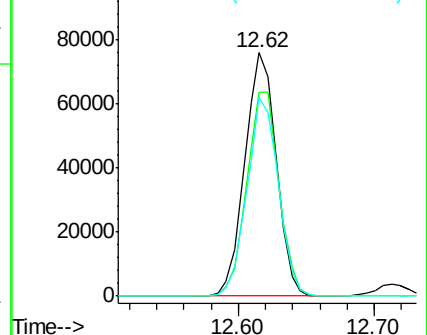
176 81.4 0.0 156.4

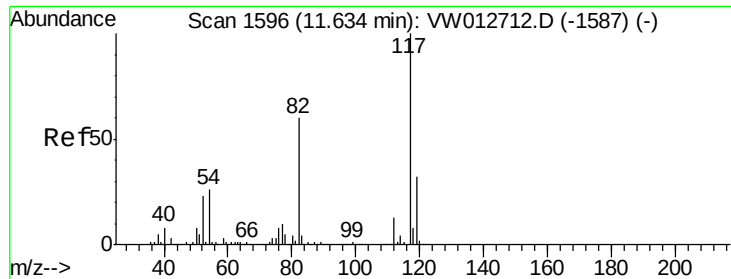


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





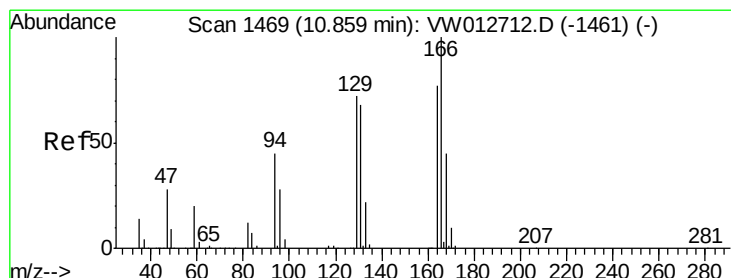
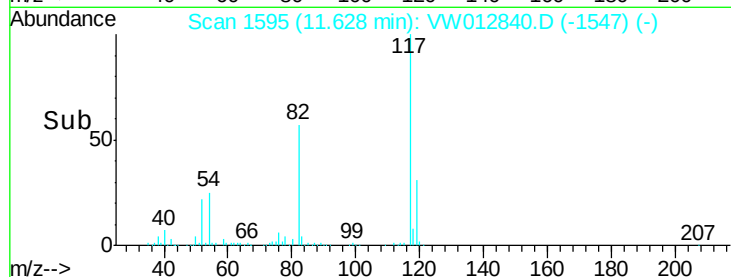
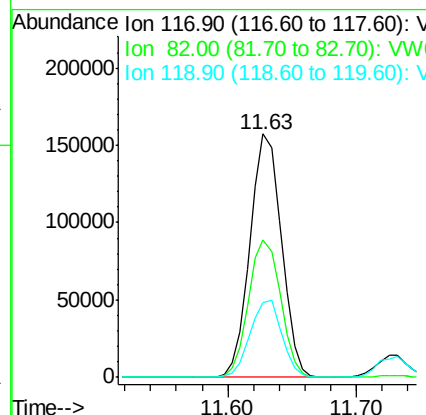
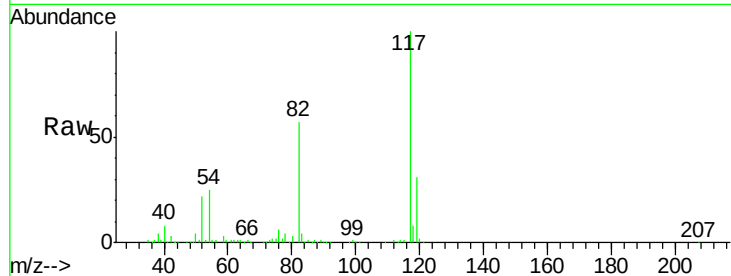
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264646		
82	56.6		48.2	72.4
119	30.7		25.8	38.6

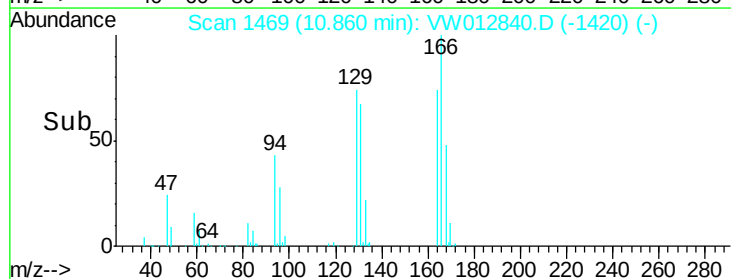
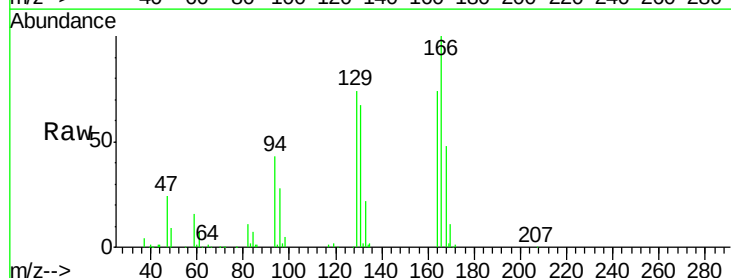
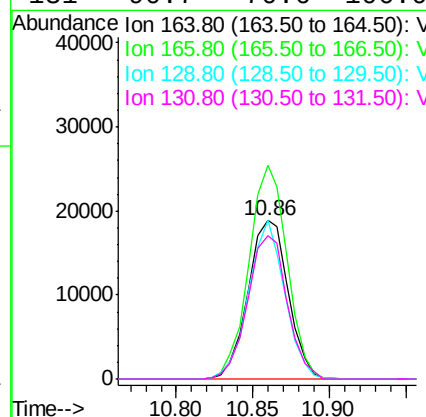
Manual Integrations
APPROVED

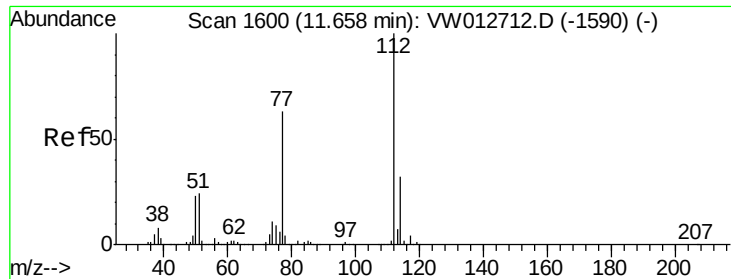
MMDadoda
9/11/2019 8:15:45 AM



#64
Tetrachloroethene
Concen: 21.463 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34466		
166	134.9		103.6	155.4
129	100.3		74.6	112.0
131	90.7		70.6	106.0





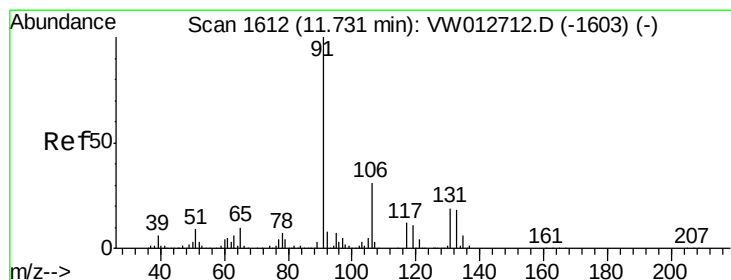
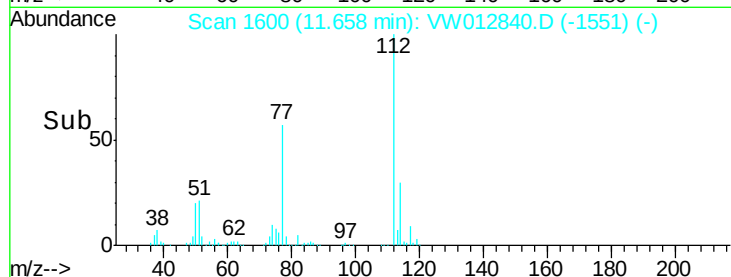
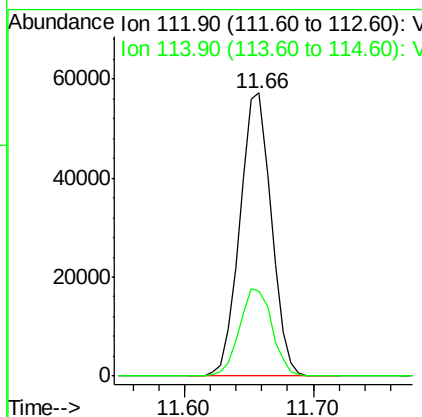
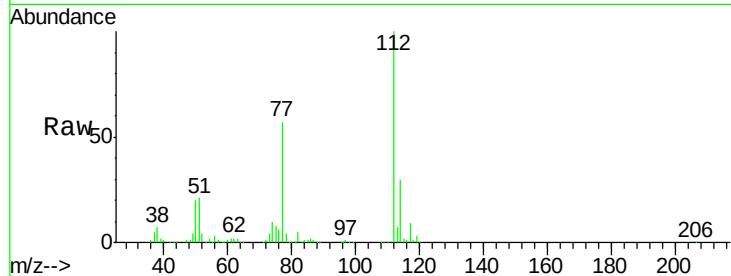
#65
Chlorobenzene
Concen: 19.270 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion:112 Resp: 96386
Ion Ratio Lower Upper
112 100
114 30.1 25.3 37.9

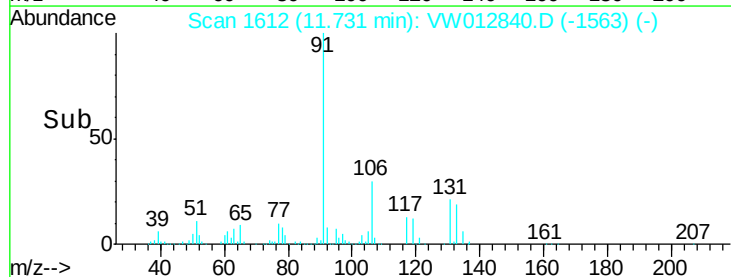
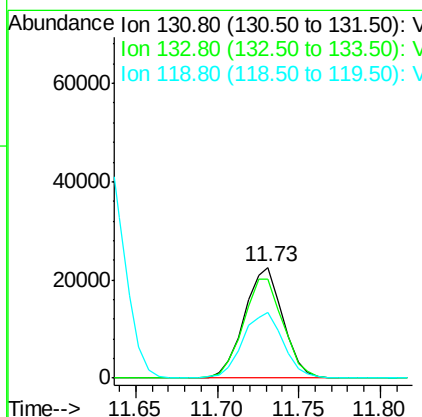
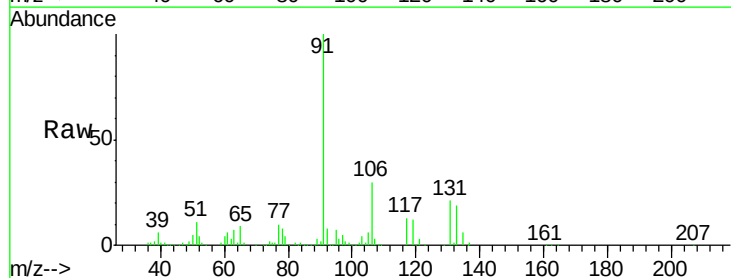
Manual Integrations
APPROVED

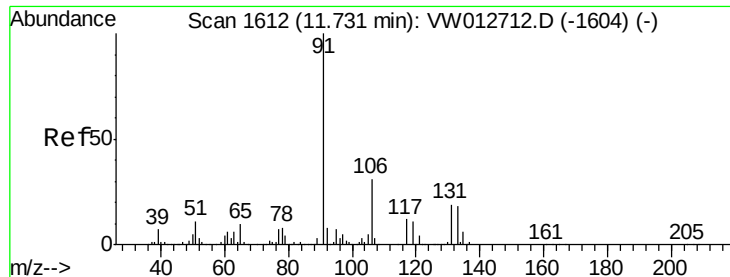
MMDadoda
9/11/2019 8:15:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.868 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion:131 Resp: 37009
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.8
119 62.1 30.6 92.0





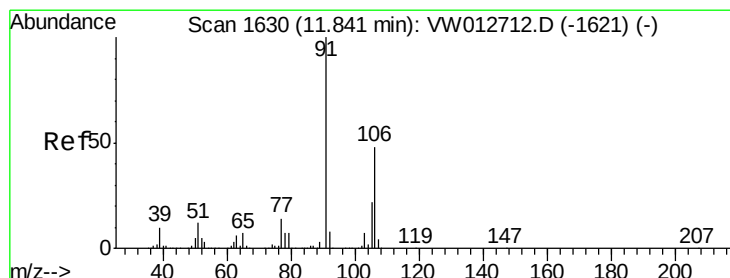
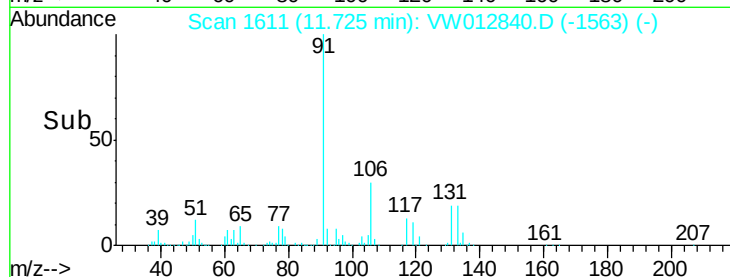
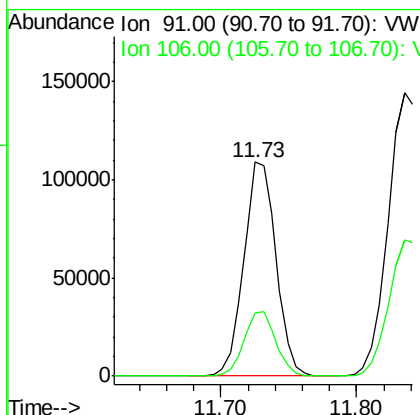
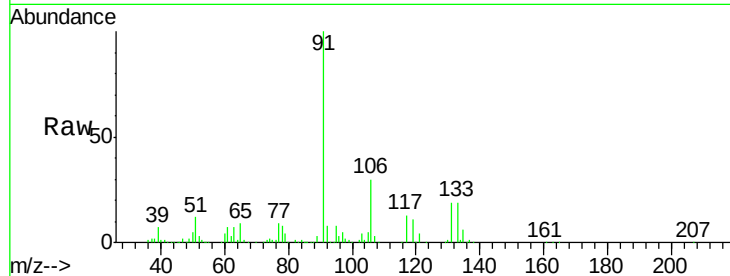
#67
Ethyl Benzene
Concen: 19.230 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion: 91 Resp: 180466
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6

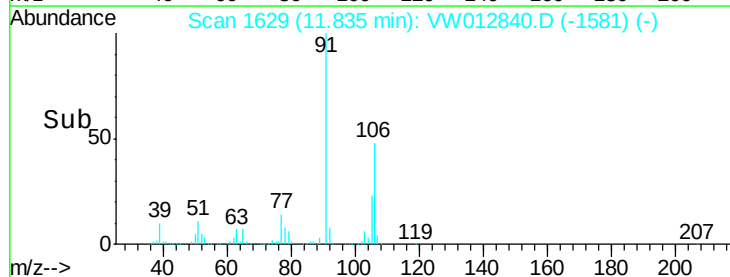
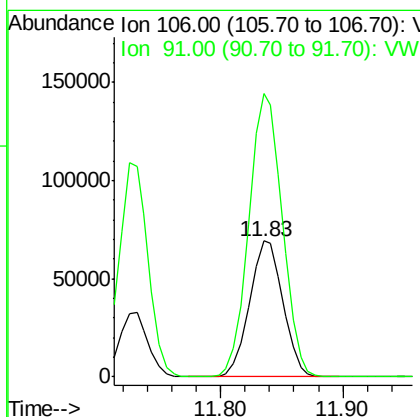
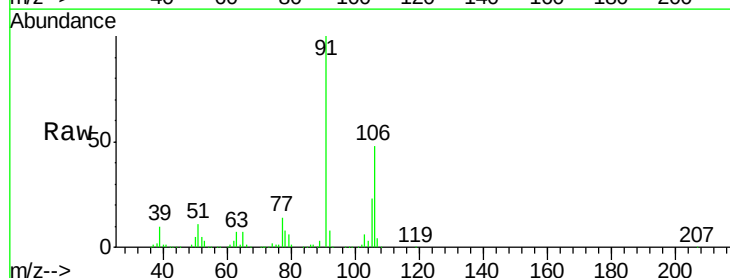
Manual Integrations
APPROVED

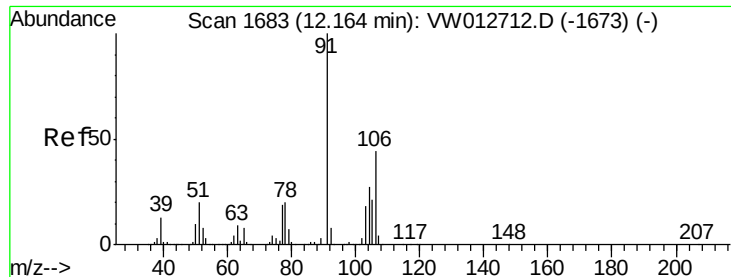
MMDadoda
9/11/2019 8:15:45 AM



#68
m/p-Xylenes
Concen: 38.833 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion: 106 Resp: 131547
Ion Ratio Lower Upper
106 100
91 208.3 168.2 252.4





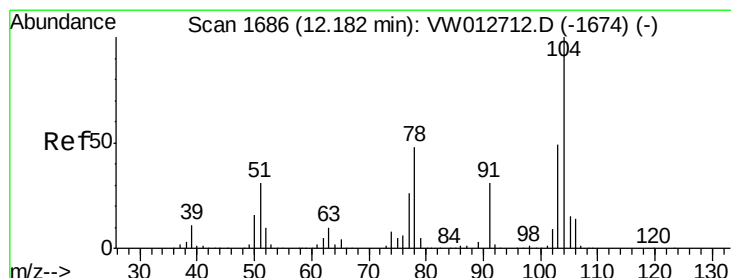
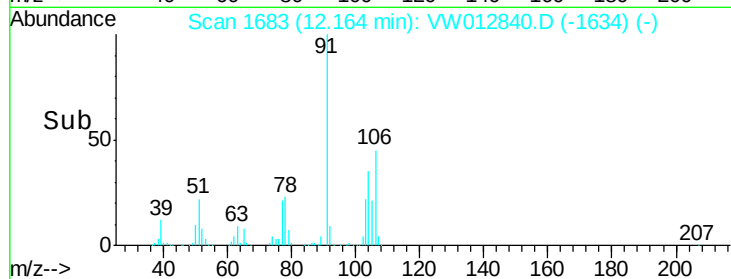
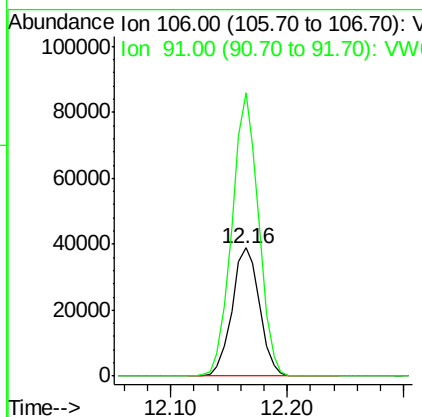
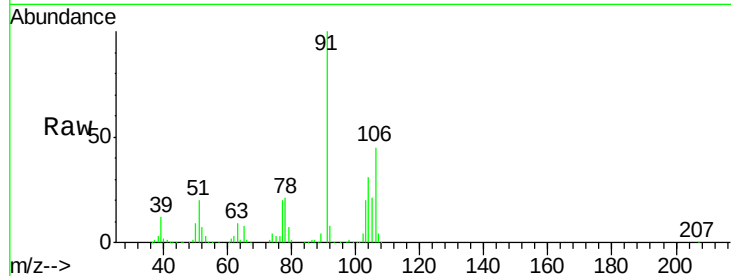
#69
o-Xylene
Concen: 20.008 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	63941		
91	91	213.9		112.3	336.8

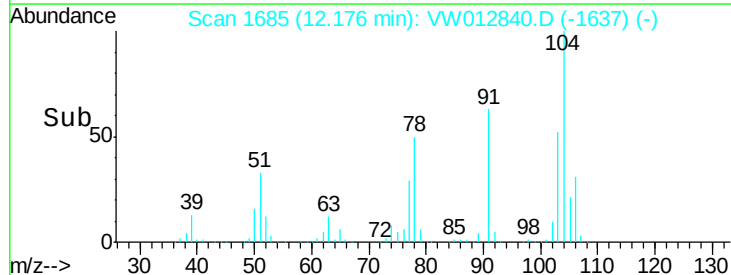
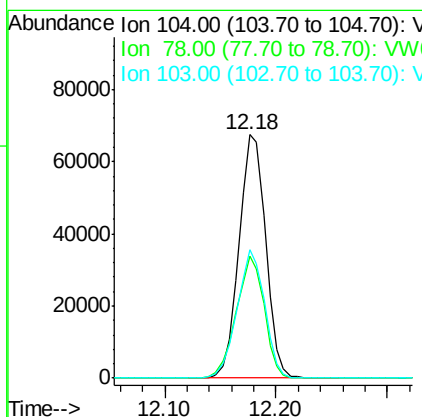
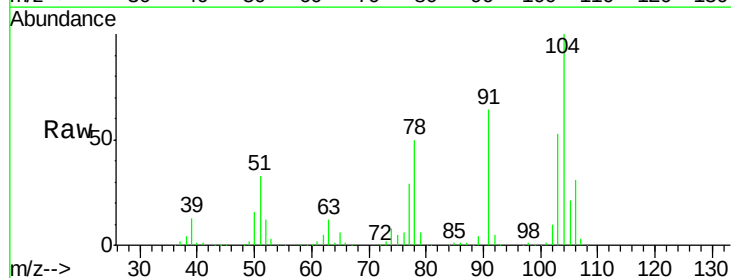
Manual Integrations
APPROVED

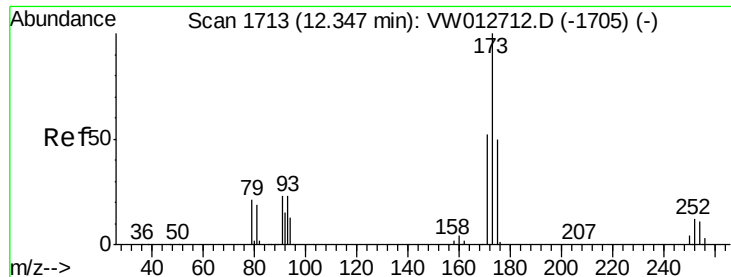
MMDadoda
9/11/2019 8:15:45 AM



#70
Styrene
Concen: 19.835 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	112015		
78	78	52.3		43.3	64.9
103	103	54.3		44.0	66.0





#71

Bromoform

Concen: 20.218 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

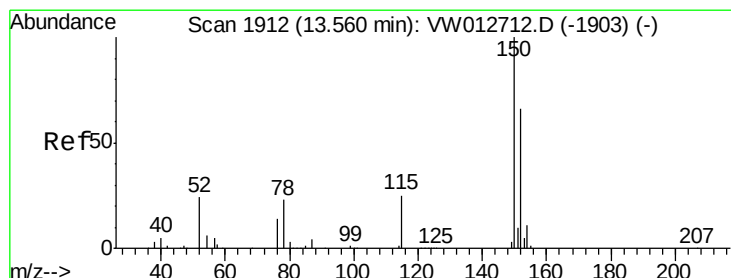
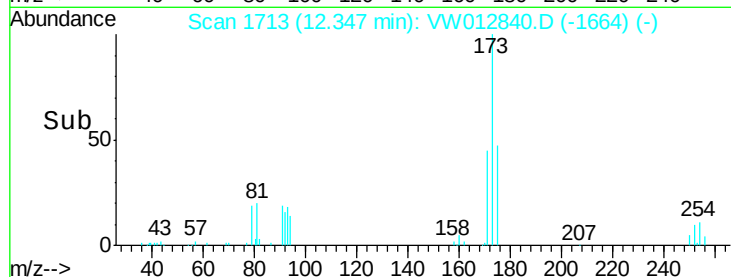
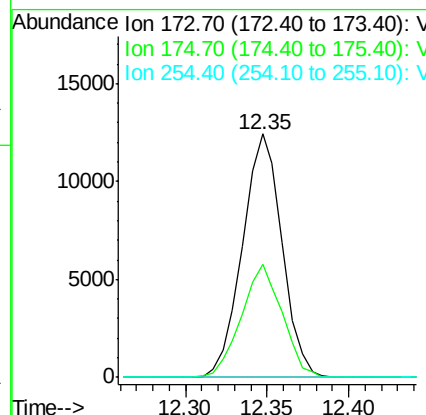
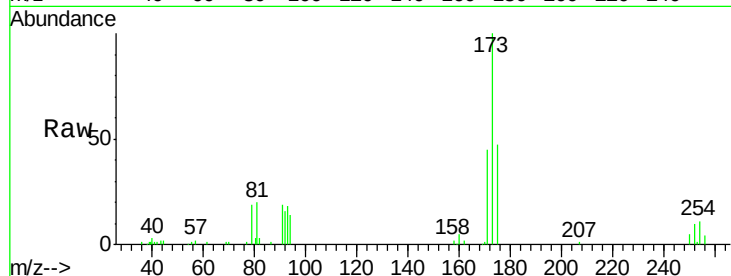
ClientSampleId :

VW0909SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.8	74.3
254	0.0	0.1	0.1#

Manual Integrations
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MMDadoda
9/11/2019 8:15:45 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

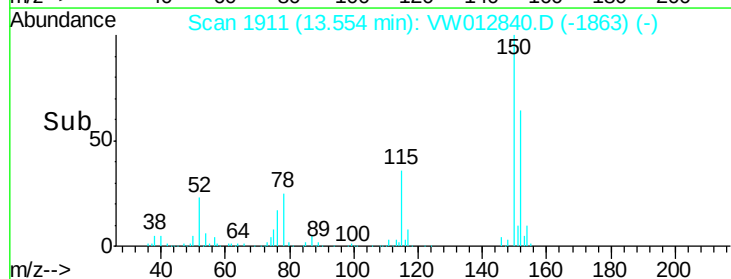
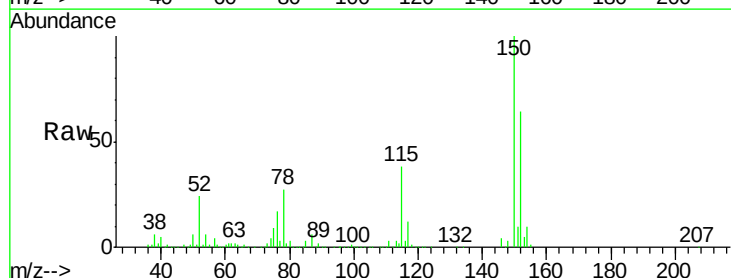
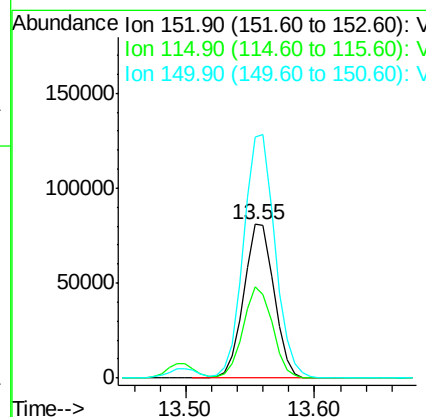
RT: 13.55 min Scan# 1911

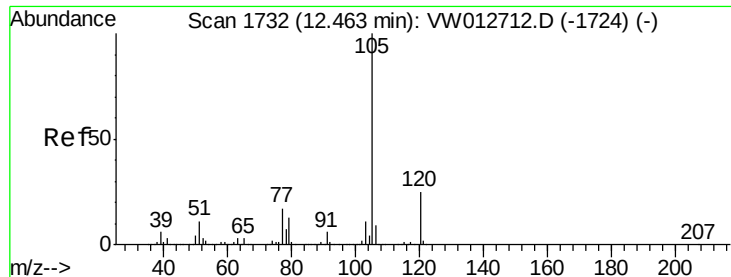
Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	30.0	90.1
150	164.8	0.0	349.0





#73

Isopropylbenzene

Concen: 19.292 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampled :

VW0909SBS02

Tot Ion:105 Resp: 181943

Ion Ratio Lower Upper

105 100

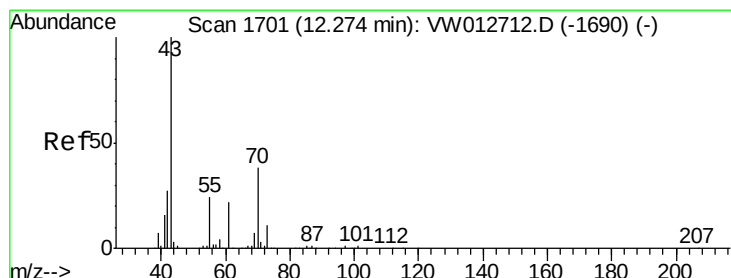
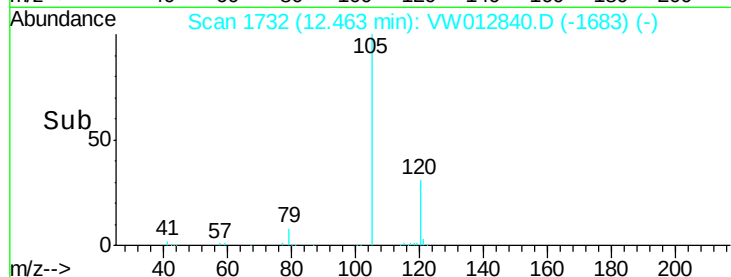
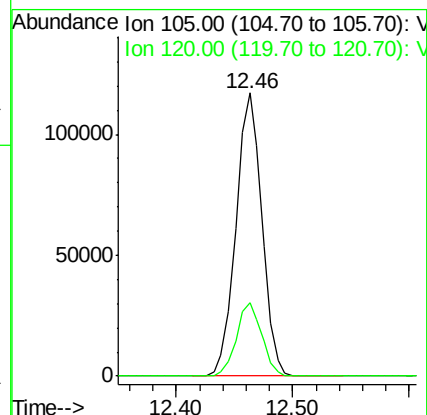
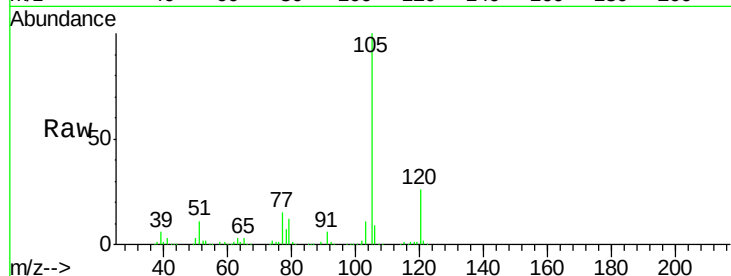
120 25.3 13.0 38.9

Manual Integrations

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9/11/2019 8:15:45 AM



#74

N-ethyl acetate

Concen: 18.156 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion: 43 Resp: 54351

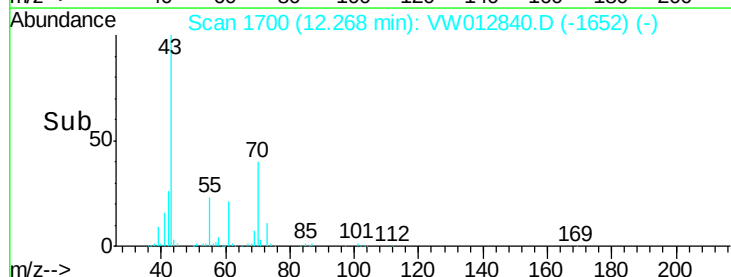
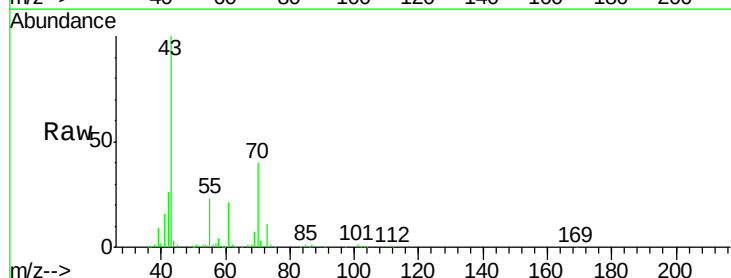
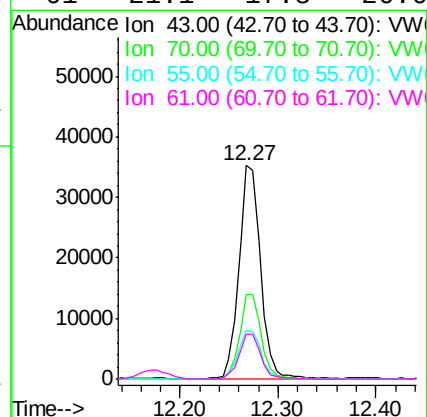
Ion Ratio Lower Upper

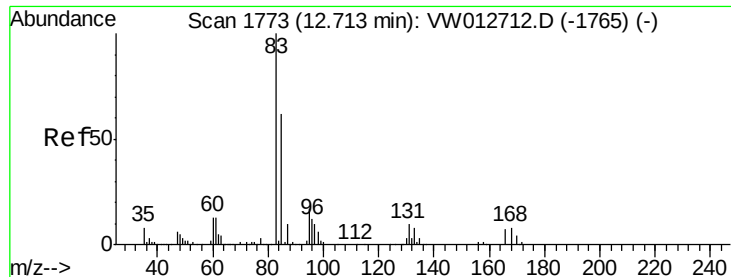
43 100

70 39.0 29.4 44.0

55 23.9 18.6 27.8

61 21.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.330 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

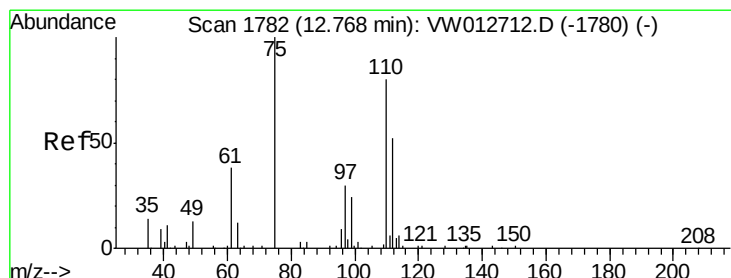
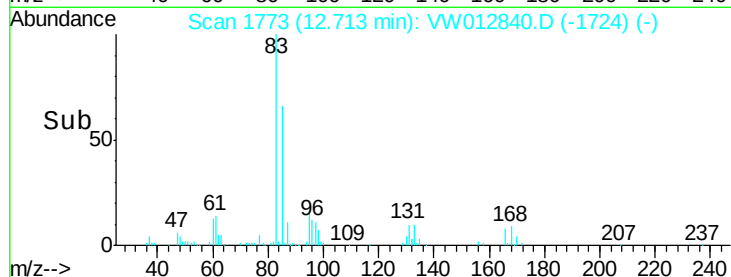
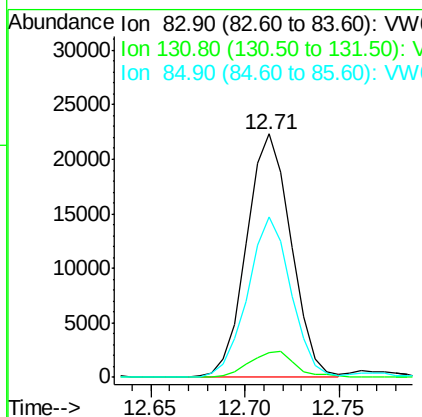
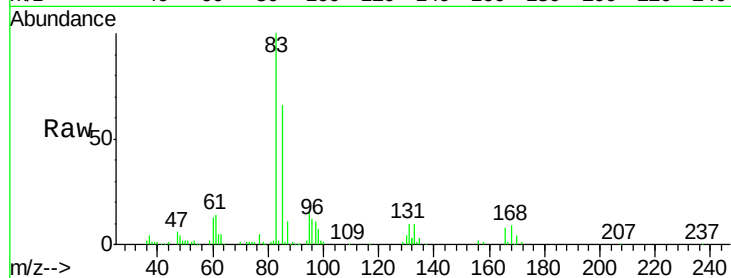
ClientSampleId :

VW0909SBS02

Tot Ion:	83	Resp:	36612
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	64.1	31.4	94.2

Manual Integrations
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9/11/2019 8:15:45 AM



#76

1,2,3-Trichloropropane

Concen: 22.266 ug/l m

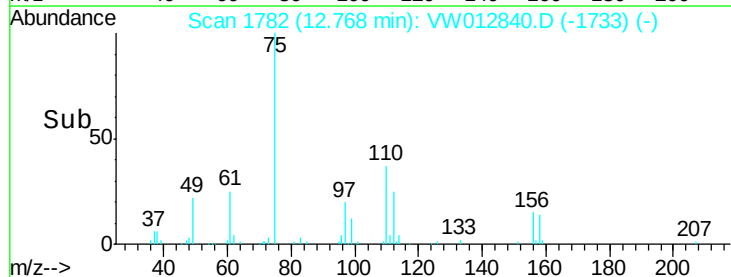
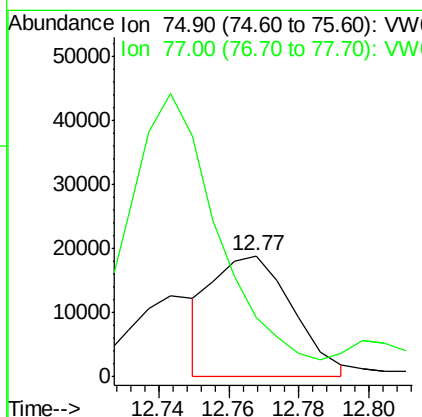
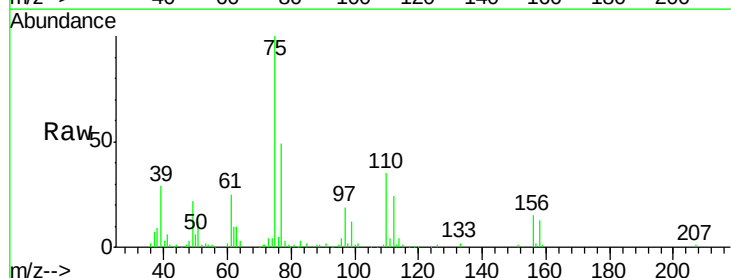
RT: 12.77 min Scan# 1782

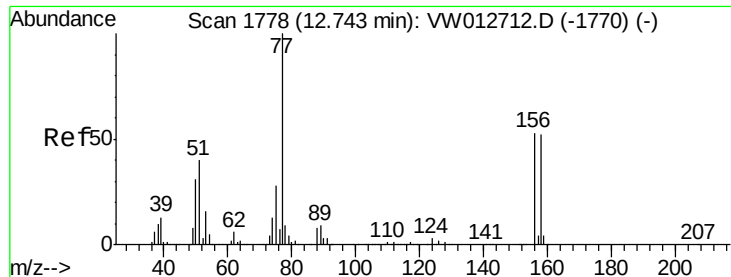
Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion:	75	Resp:	29939
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.686 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

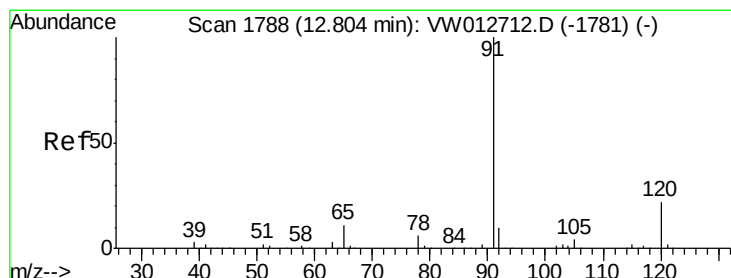
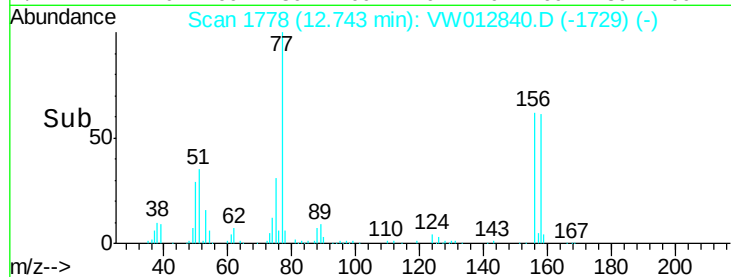
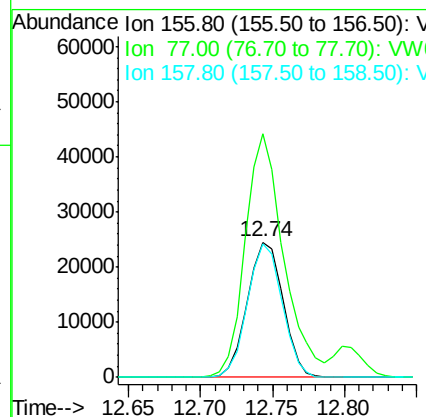
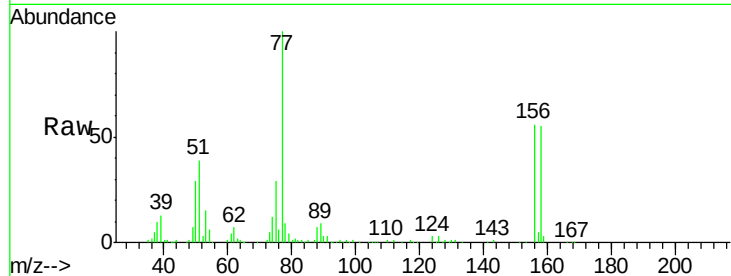
ClientSampleId :

VW0909SBS02

Tot Ion:	156	Resp:	42063
Ion	Ratio	Lower	Upper
156	100		
77	193.8	102.3	306.9
158	95.8	48.9	146.8

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#78

n-propylbenzene

Concen: 18.550 ug/l

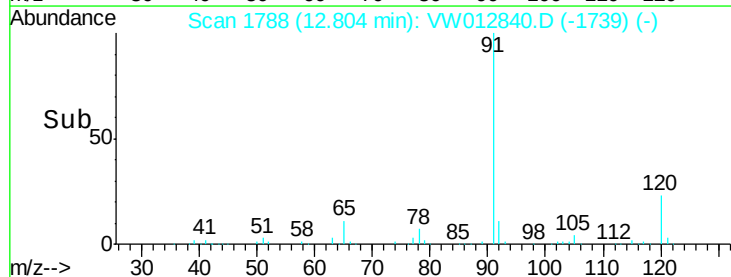
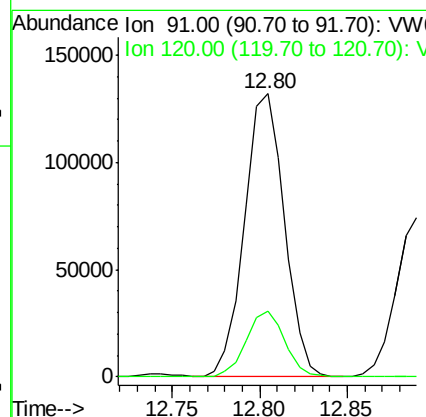
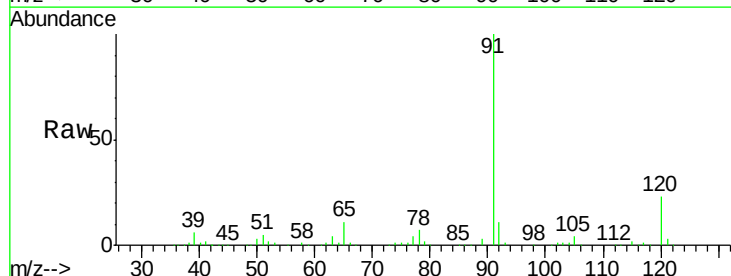
RT: 12.80 min Scan# 1788

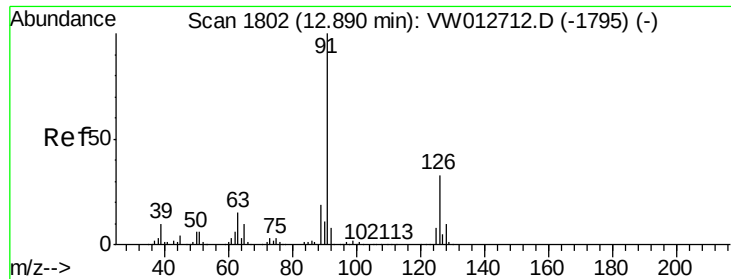
Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Tgt Ion:	91	Resp:	209237
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.042 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0909SBS02

Tot Ion: 91 Resp: 123303

Ion Ratio Lower Upper

91 100

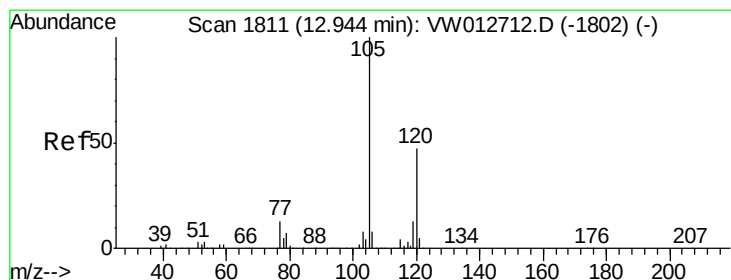
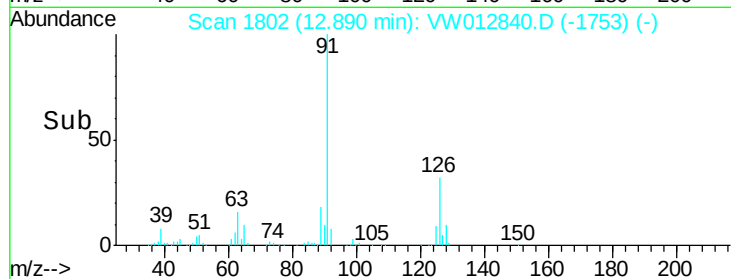
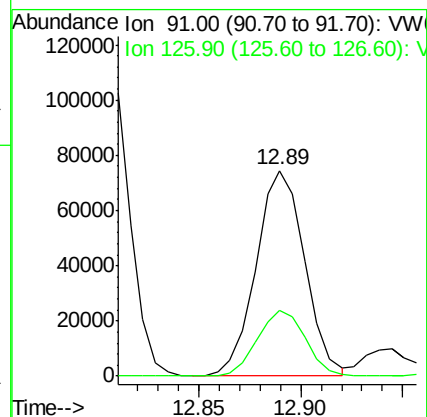
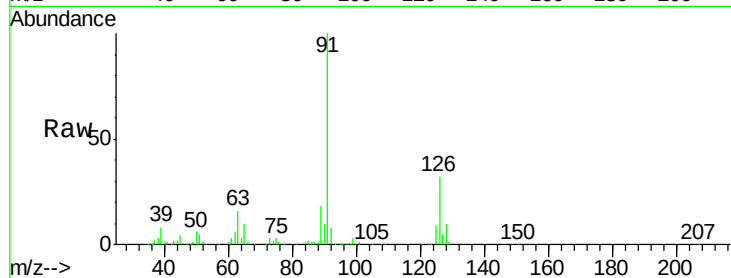
126 31.9 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.216 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW012840.D

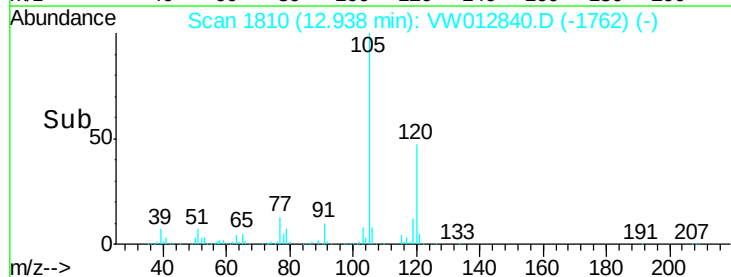
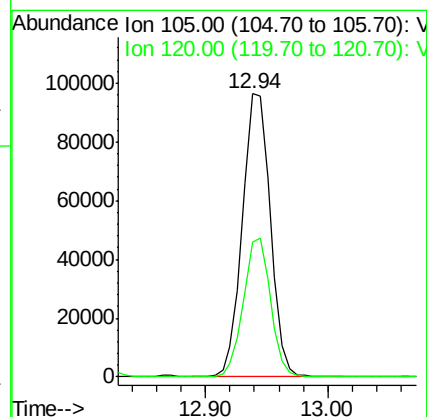
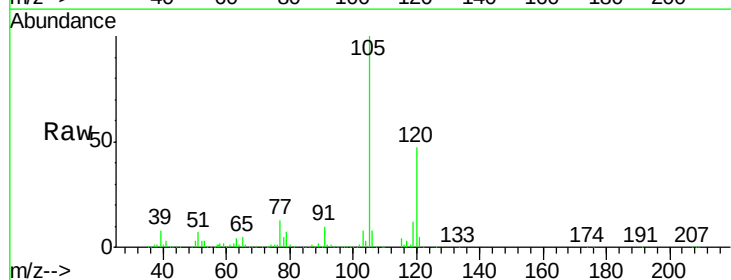
Acq: 10 Sep 2019 00:11

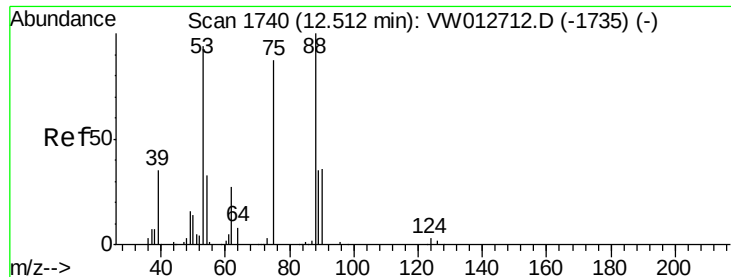
Tgt Ion: 105 Resp: 152713

Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.8





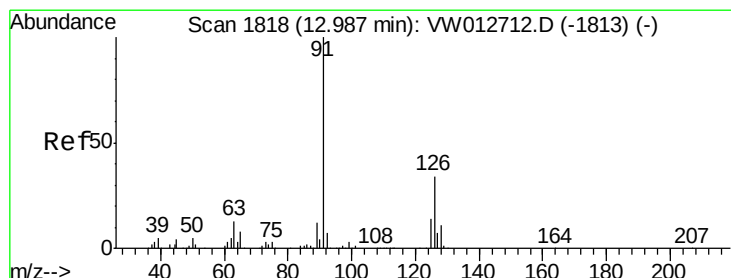
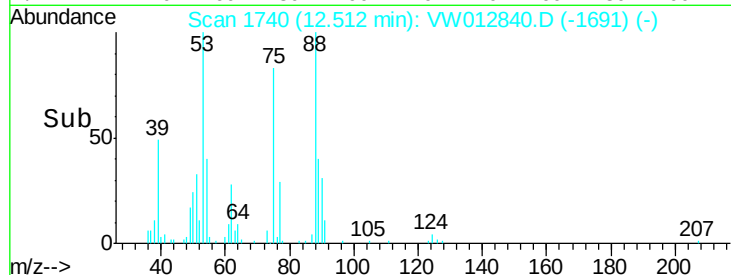
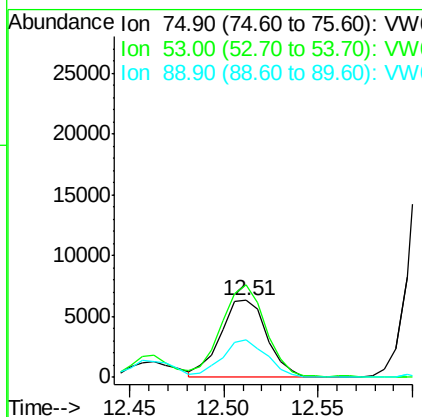
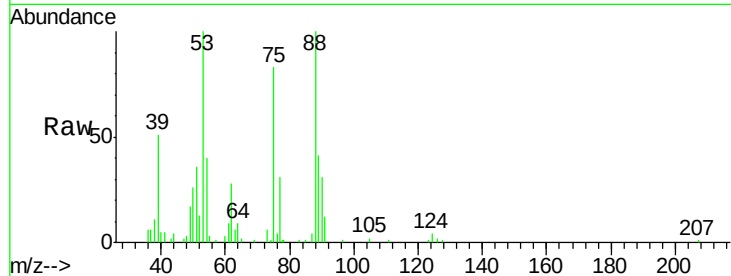
#81
trans-1,4-Dichloro-2-butene
Concen: 17.214 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.6	87.6	131.4
89	46.2	35.5	53.3

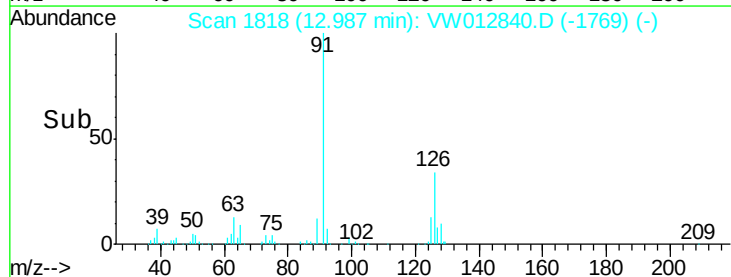
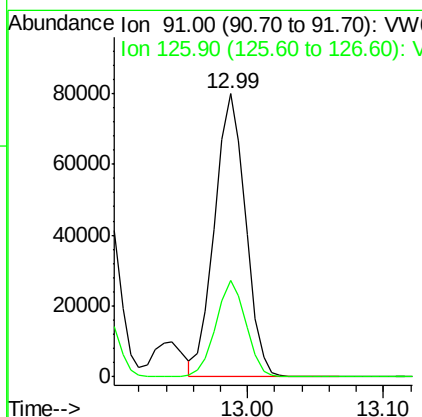
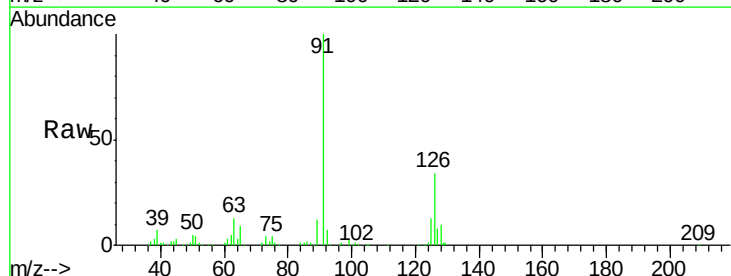
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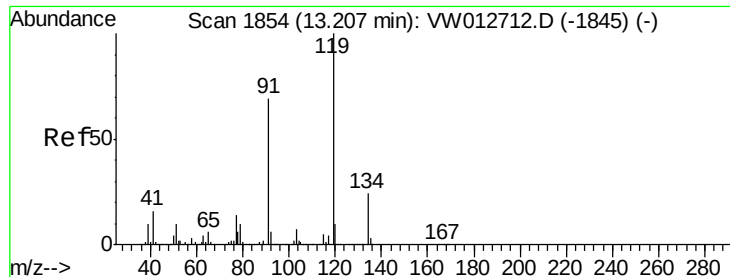
MMDadoda
9/11/2019 8:15:45 AM



#82
4-Chlorotoluene
Concen: 18.411 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	15.9	47.6





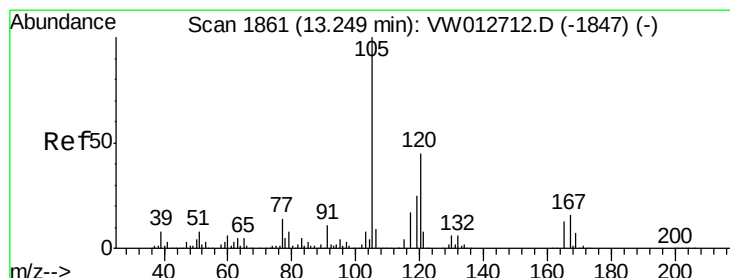
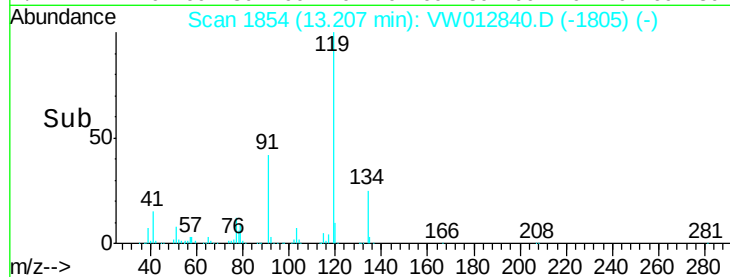
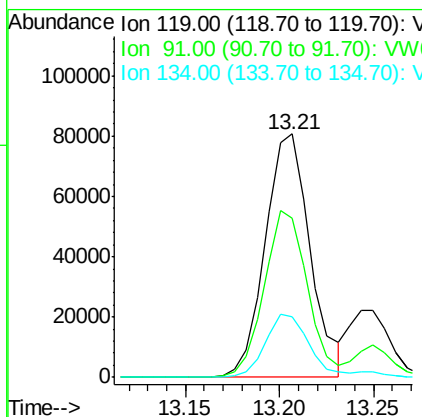
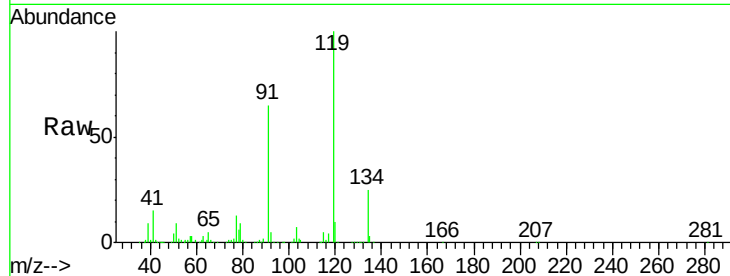
#83
 tert-Butylbenzene
 Concen: 19.023 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	34.2	102.5
134	26.8	12.3	36.9

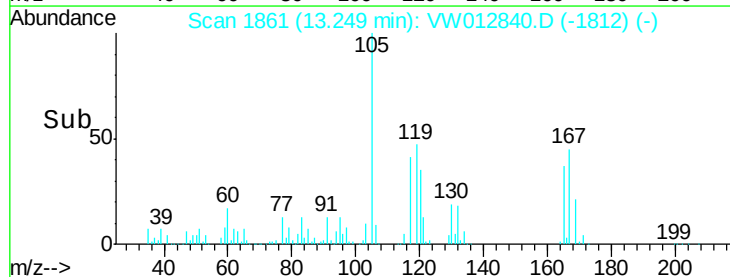
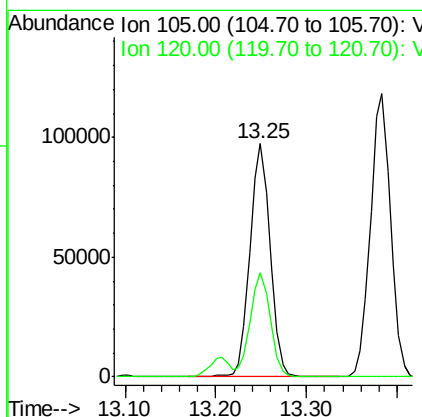
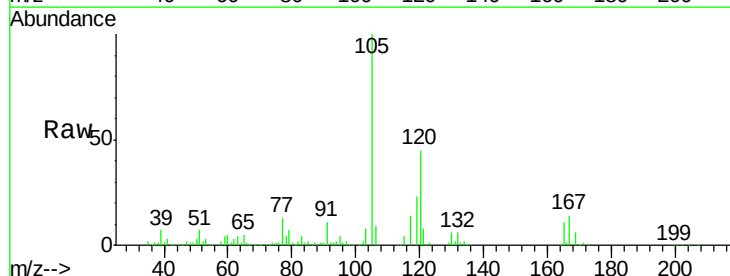
Manual Integrations
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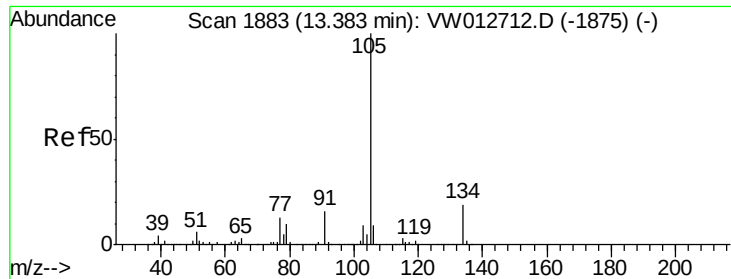
MMDadoda
 9/11/2019 8:15:45 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.871 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.3





#85

sec-Butylbenzene

Concen: 18.652 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

Instrument :

MSVOA_W

ClientSampled :

VW0909SBS02

Tot Ion:105 Resp: 181873

Ion Ratio Lower Upper

105 100

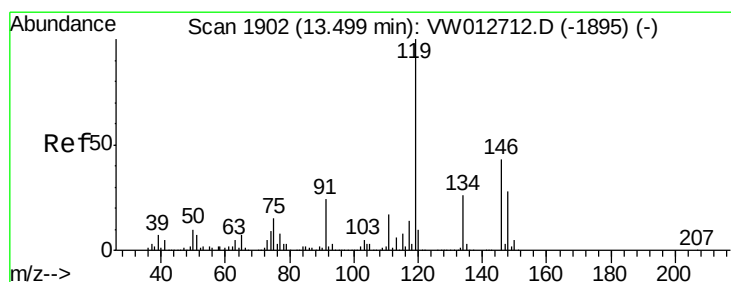
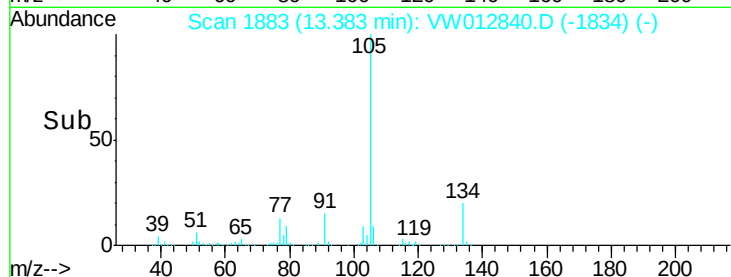
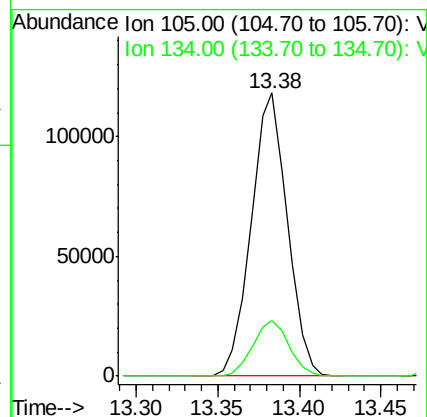
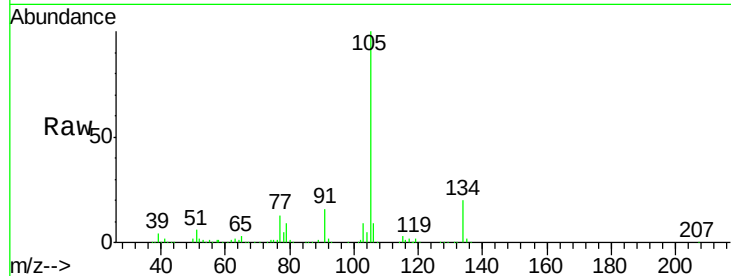
134 19.7 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.526 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012840.D

Acq: 10 Sep 2019 00:11

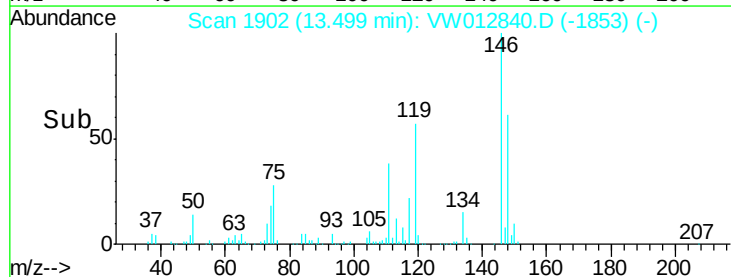
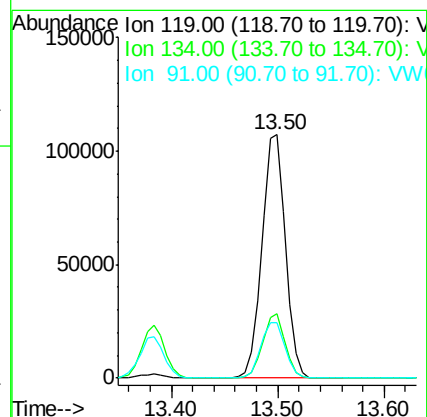
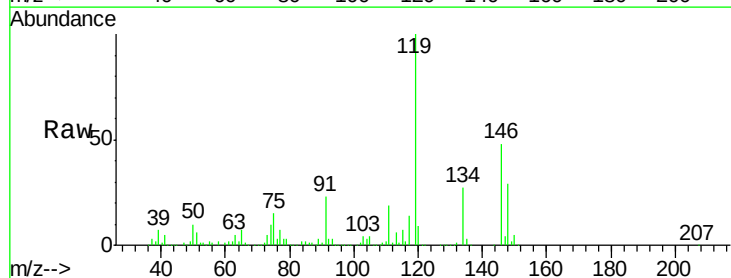
Tgt Ion:119 Resp: 165004

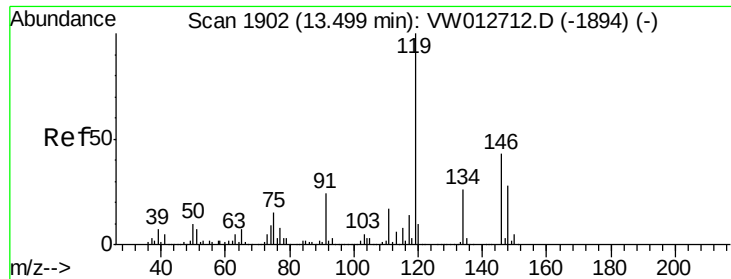
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 23.8 12.2 36.6





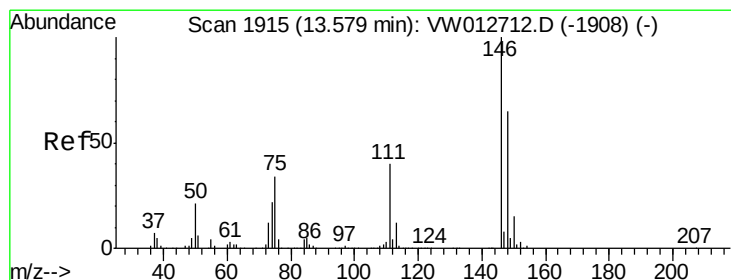
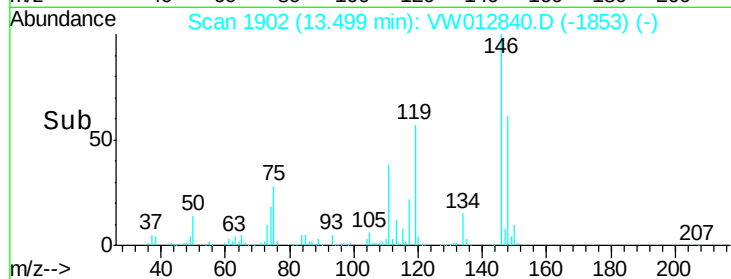
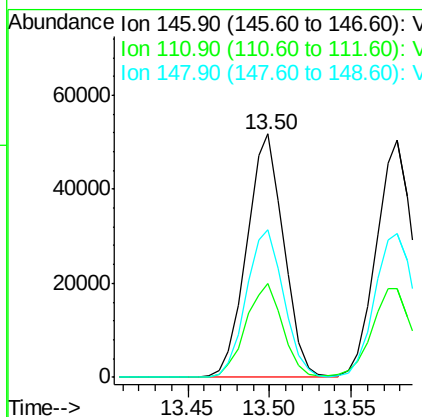
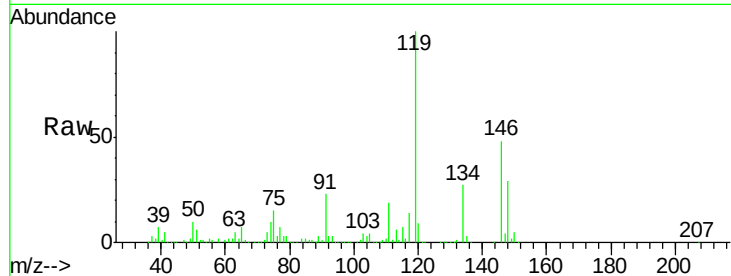
#87
 1,3-Dichlorobenzene
 Concen: 19.370 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.4	61.2
148	61.4	31.8	95.4

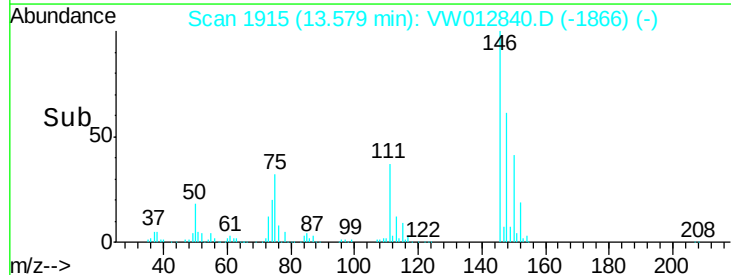
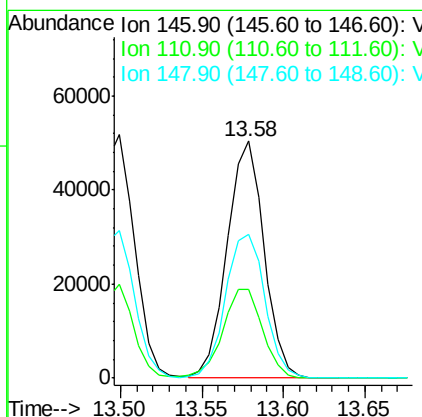
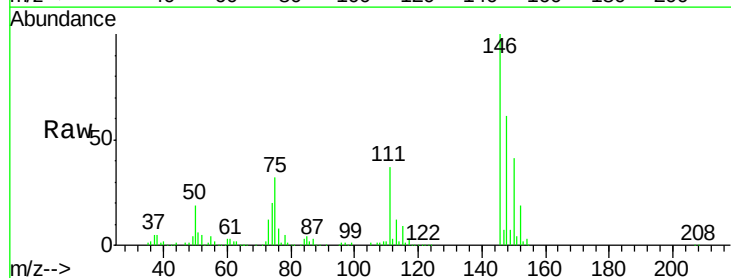
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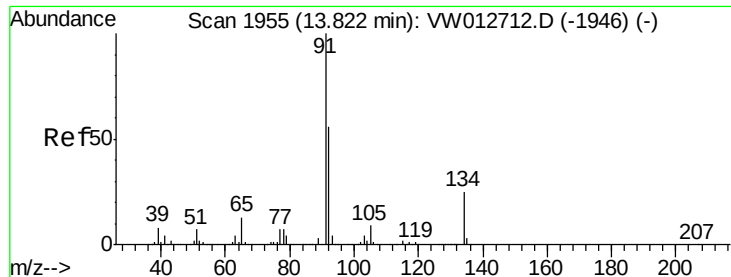
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#88
 1,4-Dichlorobenzene
 Concen: 19.079 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	64.8	32.2	96.6





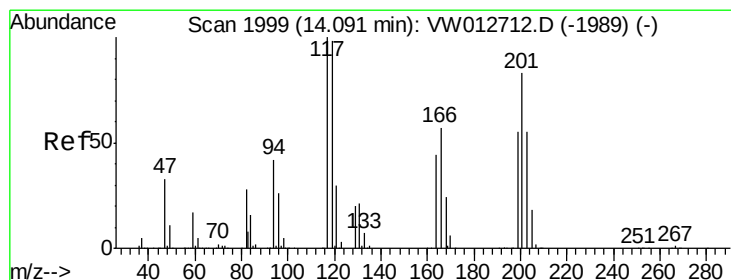
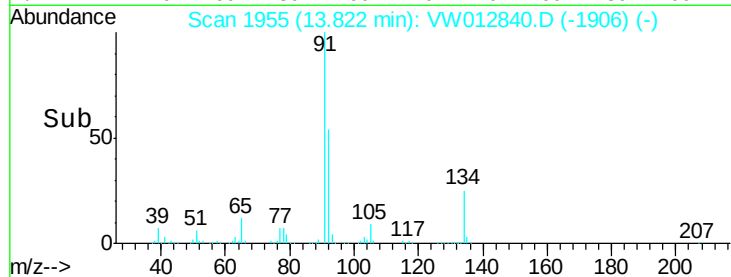
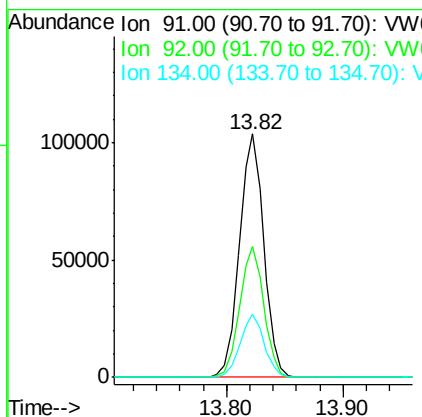
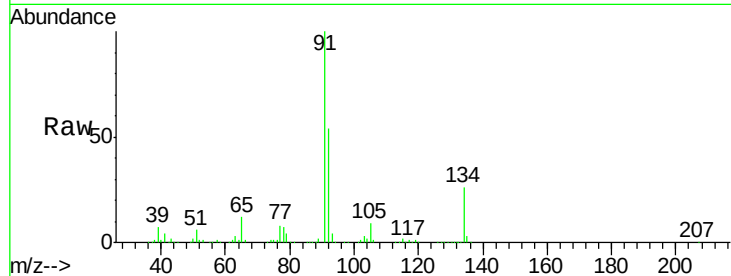
#89
n-Butylbenzene
Concen: 17.515 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.2	81.5
134	25.5	12.7	38.1

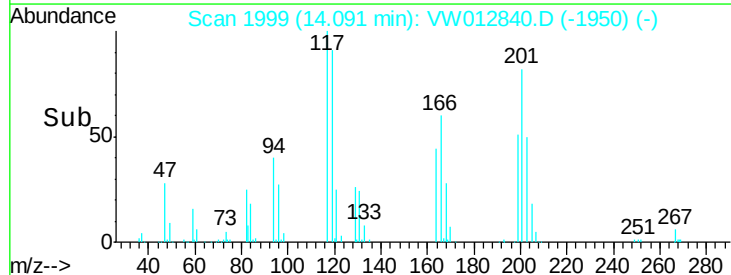
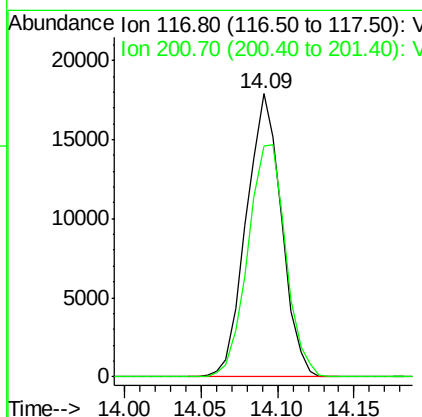
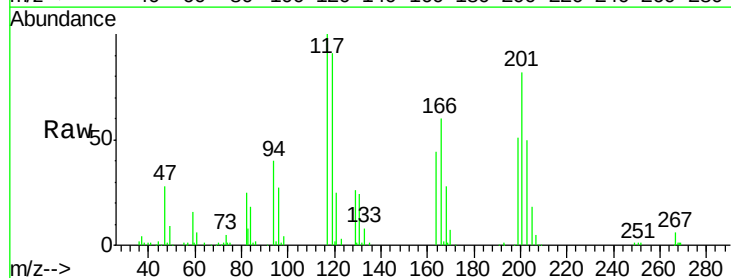
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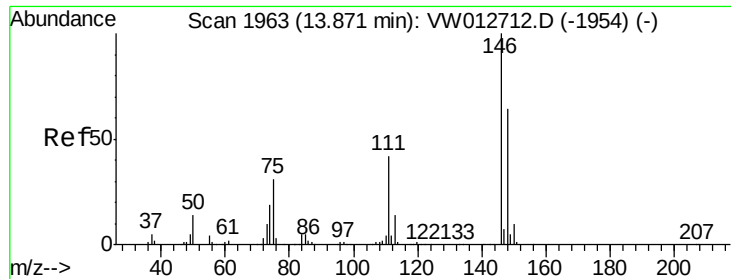
MMDadoda
9/11/2019 8:15:45 AM



#90
Hexachloroethane
Concen: 18.419 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	42.8	128.4





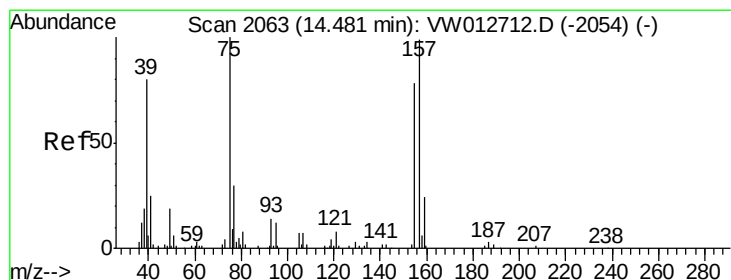
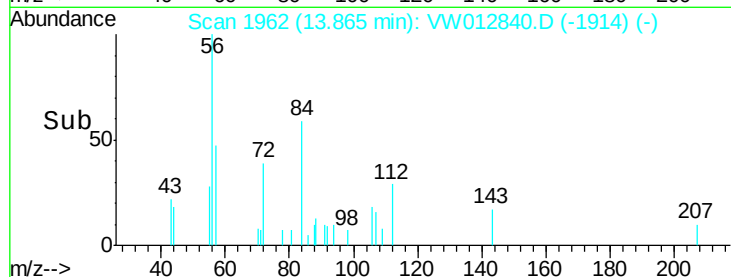
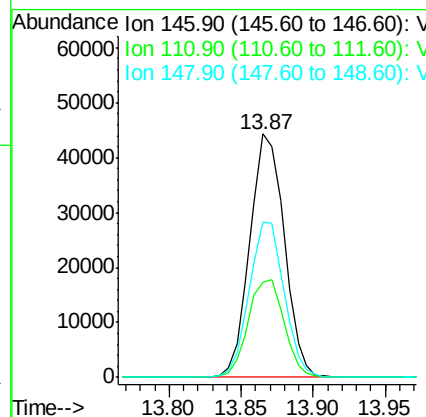
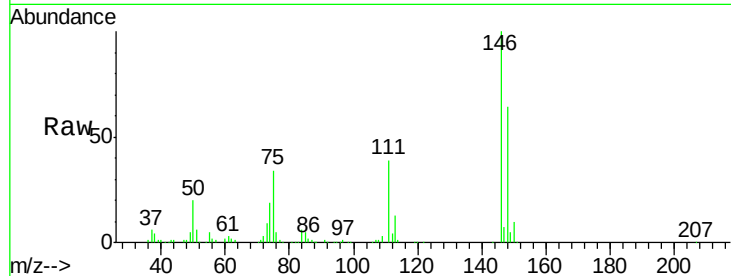
#91
 1,2-Dichlorobenzene
 Concen: 19.406 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	64.7	32.1	96.5

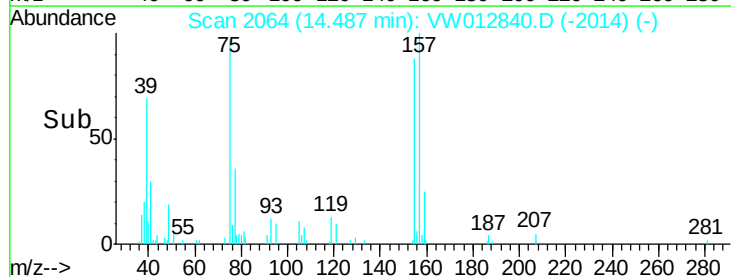
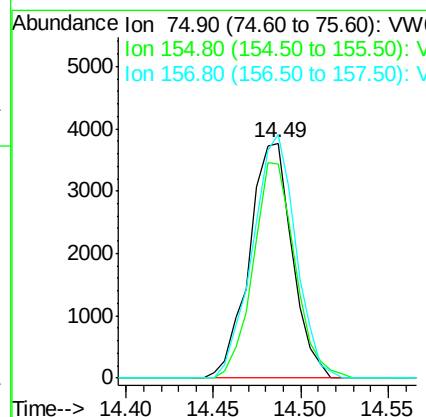
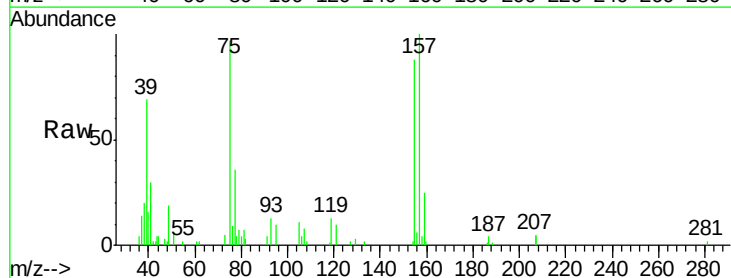
Manual Integrations
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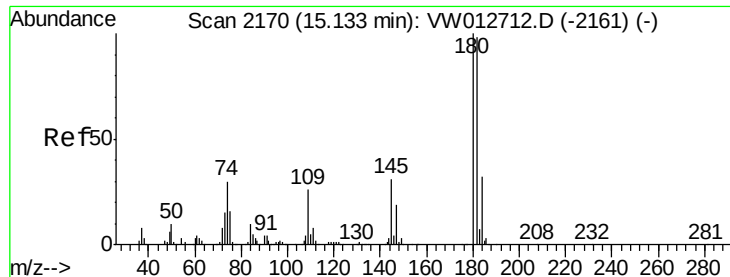
MMDadoda
 9/11/2019 8:15:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.597 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	40.6	122.0
157	104.1	52.5	157.5





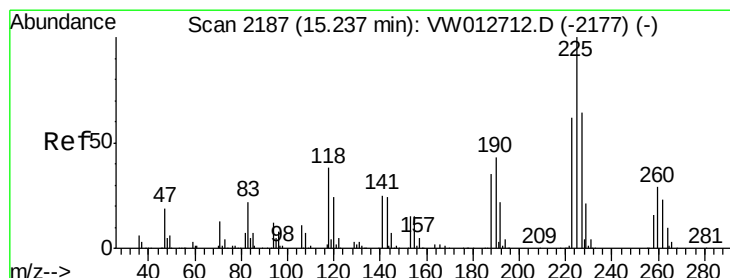
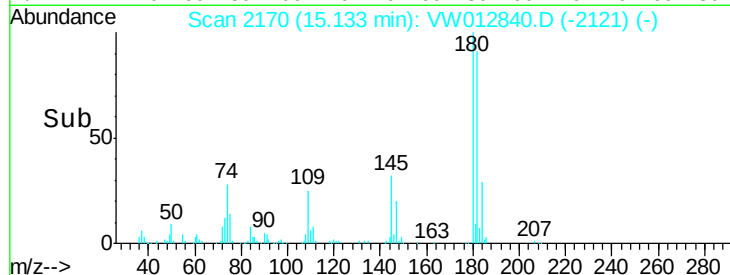
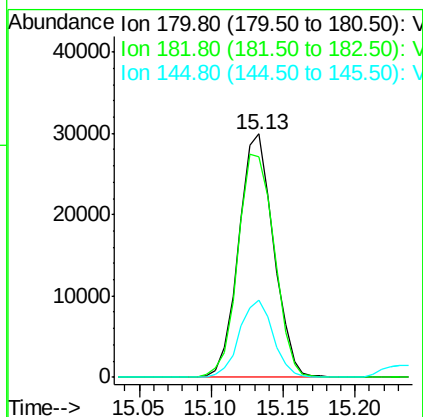
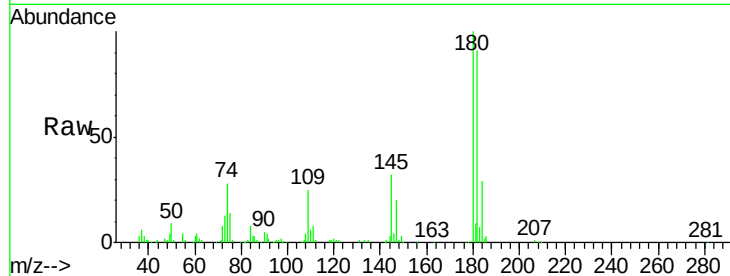
#93
 1,2,4-Trichlorobenzene
 Concen: 19.066 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	50179		
182	95.8	48.7	146.1	
145	30.7	15.0	45.1	

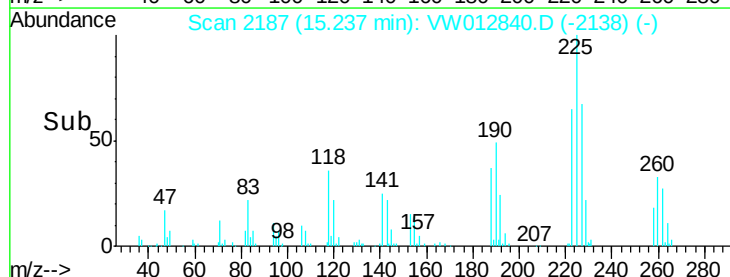
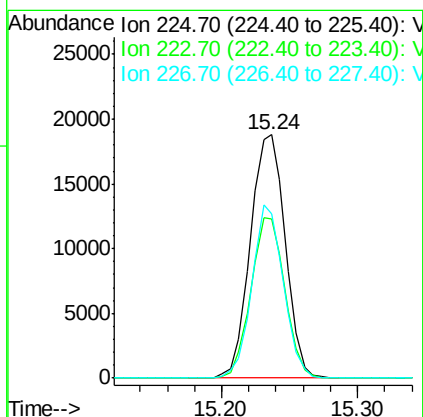
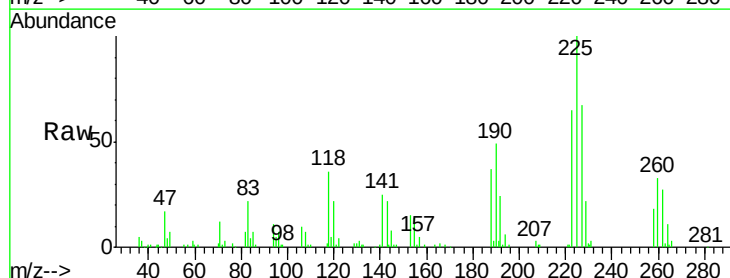
Manual Integrations
 APPROVED

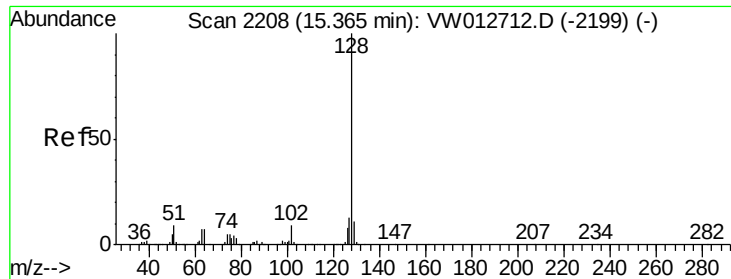
MMDadoda
 9/11/2019 8:15:45 AM



#94
 Hexachlorobutadiene
 Concen: 18.567 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012840.D
 Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33823		
223	63.8	31.1	93.3	
227	64.1	31.4	94.2	





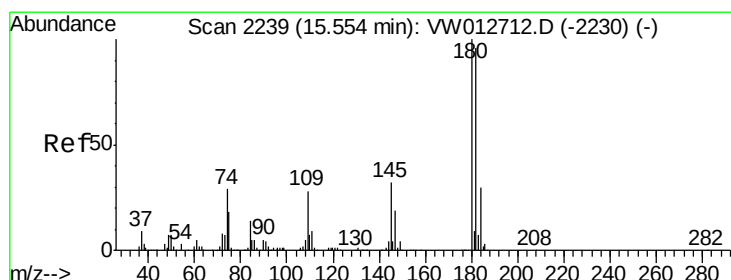
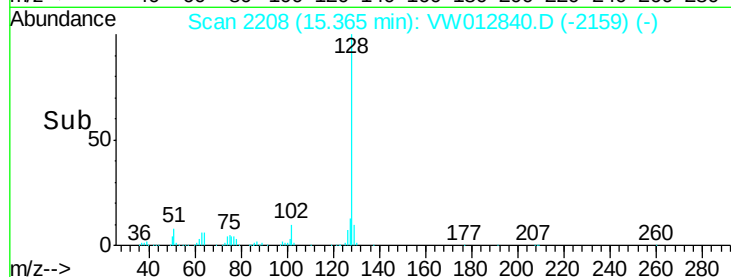
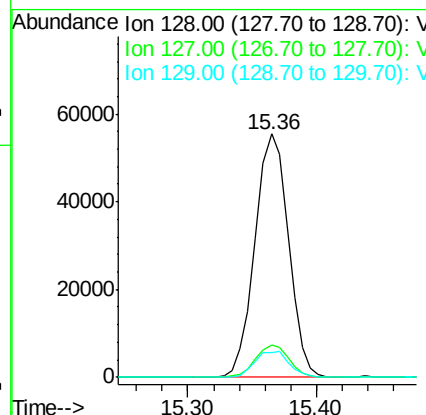
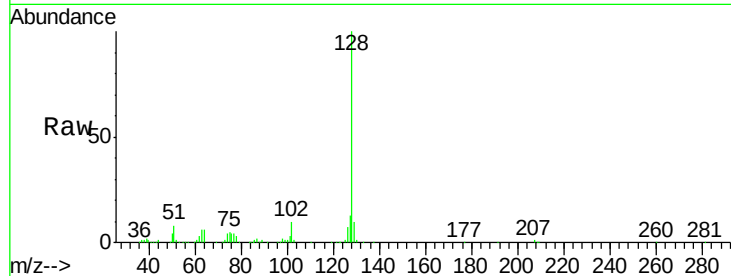
#95
Naphthalene
Concen: 20.915 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW0909SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	99750		
127	13.6		10.7	16.1
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2019 8:15:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.725 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012840.D
Acq: 10 Sep 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	45823		
182	95.3		47.8	143.3
145	31.0		15.4	46.2

